IJSPRING

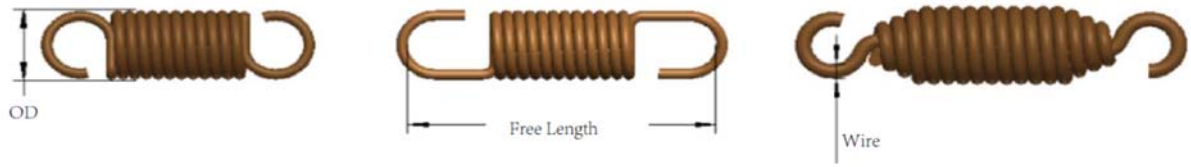


E-mail:tech@ijspring.com

- Compression spring
- Tension spring
- Torsion spring
- Die spring
- Disc spring
- Wave spring
- High-temperature Alloy

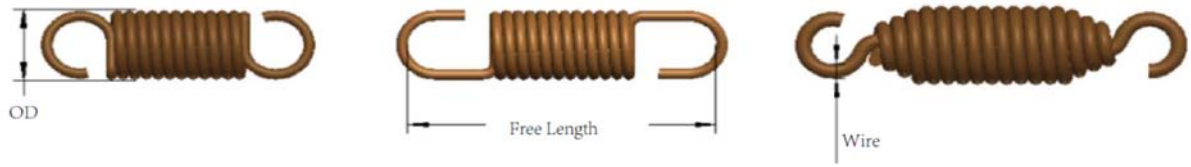
Standard Component Selection
Custom Non-Standard Fabrication

E-mail: tech@ijspring.com



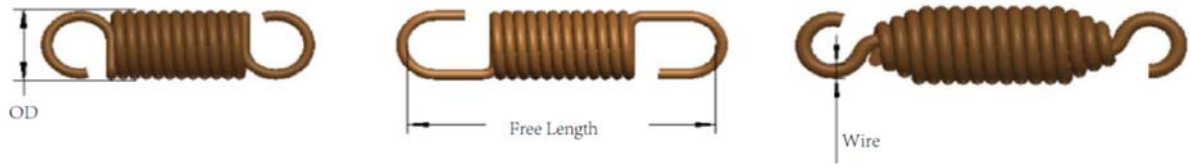
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.3×3×10×15.5	0.3	3	10	15.5	20.11	3.05	0.27	0.35	Carbon
ESM 0.3×3×12.5×24.5	0.3	3	12.5	24.5	27.89	3.05	0.18	0.35	Carbon
ESM 0.3×3×15×32.5	0.3	3	15	32.5	35.69	3.05	0.13	0.35	Carbon
ESM 0.3×3×17.5×40.5	0.3	3	17.5	40.5	43.46	3.05	0.1	0.35	Carbon
ESM 0.3×3×20×49.5	0.3	3	20	49.5	51.25	3.05	0.09	0.35	Carbon
ESM 0.3×3×22.5×57.5	0.3	3	22.5	57.5	59.03	3.05	0.07	0.35	Carbon
ESM 0.3×3×25×65.5	0.3	3	25	65.5	66.86	3.05	0.06	0.35	Carbon
ESS 0.3×3×10×15.5	0.3	3	10	15.5	19.94	2.56	0.22	0.35	Stainless
ESS 0.3×3×12.5×24.5	0.3	3	12.5	24.5	27.65	2.56	0.15	0.35	Stainless
ESS 0.3×3×15×32.5	0.3	3	15	32.5	35.34	2.56	0.11	0.35	Stainless
ESS 0.3×3×17.5×40.5	0.3	3	17.5	40.5	43.05	2.56	0.09	0.35	Stainless
ESS 0.3×3×20×49.5	0.3	3	20	49.5	50.73	2.56	0.07	0.35	Stainless
ESS 0.3×3×22.5×57.5	0.3	3	22.5	57.5	58.42	2.56	0.06	0.35	Stainless
ESS 0.3×3×25×65.5	0.3	3	25	65.5	66.13	2.56	0.05	0.35	Stainless
ESM 0.3×4×10×9.5	0.3	4	10	9.5	21.47	2.23	0.18	0.18	Carbon
ESM 0.3×4×12.5×17.5	0.3	4	12.5	17.5	34.27	2.23	0.09	0.18	Carbon
ESM 0.3×4×15×25.5	0.3	4	15	25.5	47.07	2.23	0.06	0.18	Carbon
ESM 0.3×4×17.5×34.5	0.3	4	17.5	34.5	59.86	2.23	0.05	0.18	Carbon
ESM 0.3×4×20×42.5	0.3	4	20	42.5	72.73	2.23	0.04	0.18	Carbon
ESM 0.3×4×22.5×50.5	0.3	4	22.5	50.5	85.46	2.23	0.03	0.18	Carbon
ESM 0.3×4×25×59.5	0.3	4	25	59.5	98.34	2.23	0.03	0.18	Carbon
ESS 0.3×4×10×9.5	0.3	4	10	9.5	21.37	1.87	0.15	0.18	Stainless
ESS 0.3×4×12.5×17.5	0.3	4	12.5	17.5	34.09	1.87	0.08	0.18	Stainless
ESS 0.3×4×15×25.5	0.3	4	15	25.5	46.84	1.87	0.05	0.18	Stainless
ESS 0.3×4×17.5×34.5	0.3	4	17.5	34.5	59.56	1.87	0.04	0.18	Stainless
ESS 0.3×4×20×42.5	0.3	4	20	42.5	72.34	1.87	0.03	0.18	Stainless
ESS 0.3×4×22.5×50.5	0.3	4	22.5	50.5	84.89	1.87	0.03	0.18	Stainless
ESS 0.3×4×25×59.5	0.3	4	25	59.5	97.56	1.87	0.02	0.18	Stainless
ESM 0.4×4×10×7.5	0.4	4	10	7.5	16.24	5.28	0.75	0.63	Carbon
ESM 0.4×4×12.5×13.5	0.4	4	12.5	13.5	23.86	5.28	0.41	0.63	Carbon
ESM 0.4×4×15×20.5	0.4	4	15	20.5	31.49	5.28	0.28	0.63	Carbon
ESM 0.4×4×17.5×26.5	0.4	4	17.5	26.5	39.12	5.28	0.22	0.63	Carbon
ESM 0.4×4×20×32.5	0.4	4	20	32.5	46.75	5.28	0.17	0.63	Carbon
ESM 0.4×4×22.5×38.5	0.4	4	22.5	38.5	54.39	5.28	0.15	0.63	Carbon
ESM 0.4×4×25×45.5	0.4	4	25	45.5	62.01	5.28	0.13	0.63	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.4×4×10×7.5	0.4	4	10	7.5	16.16	4.46	0.62	0.63	Stainless
ESS 0.4×4×12.5×13.5	0.4	4	12.5	13.5	23.73	4.46	0.34	0.63	Stainless
ESS 0.4×4×15×20.5	0.4	4	15	20.5	31.3	4.46	0.24	0.63	Stainless
ESS 0.4×4×17.5×26.5	0.4	4	17.5	26.5	38.86	4.46	0.18	0.63	Stainless
ESS 0.4×4×20×32.5	0.4	4	20	32.5	46.43	4.46	0.15	0.63	Stainless
ESS 0.4×4×22.5×38.5	0.4	4	22.5	38.5	53.99	4.46	0.12	0.63	Stainless
ESS 0.4×4×25×45.5	0.4	4	25	45.5	61.57	4.46	0.1	0.63	Stainless
ESM 0.5×4×10×6.5	0.5	4	10	6.5	13.83	10.29	2.28	1.55	Carbon
ESM 0.5×4×12.5×11.5	0.5	4	12.5	11.5	19.22	10.29	1.3	1.55	Carbon
ESM 0.5×4×15×16.5	0.5	4	15	16.5	24.62	10.29	0.91	1.55	Carbon
ESM 0.5×4×17.5×21.5	0.5	4	17.5	21.5	30.02	10.29	0.7	1.55	Carbon
ESM 0.5×4×20×26.5	0.5	4	20	26.5	35.42	10.29	0.57	1.55	Carbon
ESM 0.5×4×22.5×31.5	0.5	4	22.5	31.5	40.82	10.29	0.48	1.55	Carbon
ESM 0.5×4×25×36.5	0.5	4	25	36.5	46.22	10.29	0.41	1.55	Carbon
ESS 0.5×4×10×6.5	0.5	4	10	6.5	13.77	8.73	1.9	1.55	Stainless
ESS 0.5×4×12.5×11.5	0.5	4	12.5	11.5	19.12	8.73	1.08	1.55	Stainless
ESS 0.5×4×15×16.5	0.5	4	15	16.5	24.48	8.73	0.76	1.55	Stainless
ESS 0.5×4×17.5×21.5	0.5	4	17.5	21.5	29.84	8.73	0.58	1.55	Stainless
ESS 0.5×4×20×26.5	0.5	4	20	26.5	35.19	8.73	0.47	1.55	Stainless
ESS 0.5×4×22.5×31.5	0.5	4	22.5	31.5	40.55	8.73	0.4	1.55	Stainless
ESS 0.5×4×25×36.5	0.5	4	25	36.5	45.9	8.73	0.34	1.55	Stainless
ESM 0.4×5×12.5×8.5	0.4	5	12.5	8.5	24.72	4.13	0.31	0.38	Carbon
ESM 0.4×5×15×15.5	0.4	5	15	15.5	35.86	4.13	0.18	0.38	Carbon
ESM 0.4×5×17.5×21.5	0.4	5	17.5	21.5	46.98	4.13	0.13	0.38	Carbon
ESM 0.4×5×20×27.5	0.4	5	20	27.5	58.13	4.13	0.1	0.38	Carbon
ESM 0.4×5×22.5×33.5	0.4	5	22.5	33.5	69.28	4.13	0.08	0.38	Carbon
ESM 0.4×5×25×40.5	0.4	5	25	40.5	80.4	4.13	0.07	0.38	Carbon
ESS 0.4×5×12.5×8.5	0.4	5	12.5	8.5	24.65	3.49	0.26	0.38	Stainless
ESS 0.4×5×15×15.5	0.4	5	15	15.5	35.74	3.49	0.15	0.38	Stainless
ESS 0.4×5×17.5×21.5	0.4	5	17.5	21.5	46.81	3.49	0.11	0.38	Stainless
ESS 0.4×5×20×27.5	0.4	5	20	27.5	57.91	3.49	0.08	0.38	Stainless
ESS 0.4×5×22.5×33.5	0.4	5	22.5	33.5	68.96	3.49	0.07	0.38	Stainless
ESS 0.4×5×25×40.5	0.4	5	25	40.5	80.09	3.49	0.06	0.38	Stainless
ESM 0.5×5×12.5×7.5	0.5	5	12.5	7.5	20.03	8	0.93	0.98	Carbon
ESM 0.5×5×15×12.5	0.5	5	15	12.5	27.48	8	0.56	0.98	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.5×5×17.5×17.5	0.5	5	17.5	17.5	34.93	8	0.4	0.98	Carbon
ESM 0.5×5×20×22.5	0.5	5	20	22.5	42.39	8	0.31	0.98	Carbon
ESM 0.5×5×22.5×27.5	0.5	5	22.5	27.5	49.83	8	0.26	0.98	Carbon
ESM 0.5×5×25×32.5	0.5	5	25	32.5	57.28	8	0.22	0.98	Carbon
ESM 0.5×5×27.5×37.5	0.5	5	27.5	37.5	64.75	8	0.19	0.98	Carbon
ESM 0.5×5×30×42.5	0.5	5	30	42.5	72.19	8	0.17	0.98	Carbon
ESS 0.5×5×12.5×7.5	0.5	5	12.5	7.5	19.97	6.79	0.78	0.98	Stainless
ESS 0.5×5×15×12.5	0.5	5	15	12.5	27.38	6.79	0.47	0.98	Stainless
ESS 0.5×5×17.5×17.5	0.5	5	17.5	17.5	34.79	6.79	0.34	0.98	Stainless
ESS 0.5×5×20×22.5	0.5	5	20	22.5	42.21	6.79	0.26	0.98	Stainless
ESS 0.5×5×22.5×27.5	0.5	5	22.5	27.5	49.63	6.79	0.21	0.98	Stainless
ESS 0.5×5×25×32.5	0.5	5	25	32.5	57.03	6.79	0.18	0.98	Stainless
ESS 0.5×5×27.5×37.5	0.5	5	27.5	37.5	64.44	6.79	0.16	0.98	Stainless
ESS 0.5×5×30×42.5	0.5	5	30	42.5	71.87	6.79	0.14	0.98	Stainless
ESM 0.6×5×12.5×6.5	0.6	5	12.5	6.5	17.53	13.75	2.33	2.06	Carbon
ESM 0.6×5×15×10.5	0.6	5	15	10.5	23.12	13.75	1.44	2.06	Carbon
ESM 0.6×5×17.5×15.5	0.6	5	17.5	15.5	28.72	13.75	1.04	2.06	Carbon
ESM 0.6×5×20×19.5	0.6	5	20	19.5	34.31	13.75	0.82	2.06	Carbon
ESM 0.6×5×22.5×23.5	0.6	5	22.5	23.5	39.91	13.75	0.67	2.06	Carbon
ESM 0.6×5×25×27.5	0.6	5	25	27.5	45.5	13.75	0.57	2.06	Carbon
ESM 0.6×5×27.5×31.5	0.6	5	27.5	31.5	51.1	13.75	0.5	2.06	Carbon
ESM 0.6×5×30×35.5	0.6	5	30	35.5	56.69	13.75	0.44	2.06	Carbon
ESS 0.6×5×12.5×6.5	0.6	5	12.5	6.5	17.48	11.71	1.94	2.06	Stainless
ESS 0.6×5×15×10.5	0.6	5	15	10.5	23.05	11.71	1.2	2.06	Stainless
ESS 0.6×5×17.5×15.5	0.6	5	17.5	15.5	28.62	11.71	0.87	2.06	Stainless
ESS 0.6×5×20×19.5	0.6	5	20	19.5	34.19	11.71	0.68	2.06	Stainless
ESS 0.6×5×22.5×23.5	0.6	5	22.5	23.5	39.76	11.71	0.56	2.06	Stainless
ESS 0.6×5×25×27.5	0.6	5	25	27.5	45.33	11.71	0.48	2.06	Stainless
ESS 0.6×5×27.5×31.5	0.6	5	27.5	31.5	50.89	11.71	0.41	2.06	Stainless
ESS 0.6×5×30×35.5	0.6	5	30	35.5	56.47	11.71	0.36	2.06	Stainless
ESM 0.7×5×12.5×6.5	0.7	5	12.5	6.5	16.04	21.69	5.06	3.79	Carbon
ESM 0.7×5×15×9.5	0.7	5	15	9.5	20.58	21.69	3.21	3.79	Carbon
ESM 0.7×5×17.5×13.5	0.7	5	17.5	13.5	25.13	21.69	2.35	3.79	Carbon
ESM 0.7×5×20×16.5	0.7	5	20	16.5	29.68	21.69	1.85	3.79	Carbon
ESM 0.7×5×22.5×20.5	0.7	5	22.5	20.5	34.22	21.69	1.53	3.79	Carbon

M: Carbon Steel;
S: Stainless Steel
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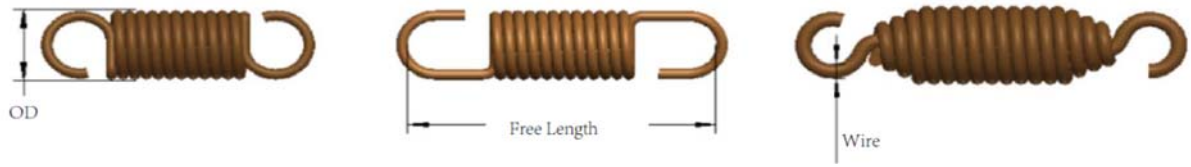
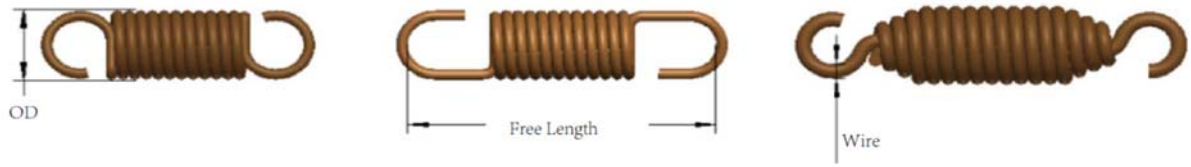
Max Length - Max Load



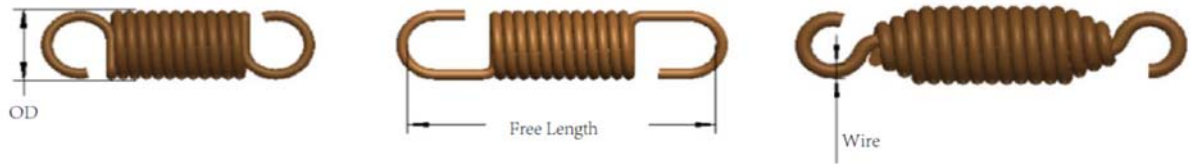
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.7×5×25×24.5	0.7	5	25	24.5	38.77	21.69	1.3	3.79	Carbon
ESM 0.7×5×27.5×27.5	0.7	5	27.5	27.5	43.32	21.69	1.13	3.79	Carbon
ESM 0.7×5×30×31.5	0.7	5	30	31.5	47.86	21.69	1	3.79	Carbon
ESM 0.7×5×32.5×34.5	0.7	5	32.5	34.5	52.41	21.69	0.9	3.79	Carbon
ESM 0.7×5×35×38.5	0.7	5	35	38.5	56.96	21.69	0.82	3.79	Carbon
ESS 0.7×5×12.5×6.5	0.7	5	12.5	6.5	16.01	18.58	4.22	3.79	Stainless
ESS 0.7×5×15×9.5	0.7	5	15	9.5	20.54	18.58	2.67	3.79	Stainless
ESS 0.7×5×17.5×13.5	0.7	5	17.5	13.5	25.07	18.58	1.95	3.79	Stainless
ESS 0.7×5×20×16.5	0.7	5	20	16.5	29.6	18.58	1.54	3.79	Stainless
ESS 0.7×5×22.5×20.5	0.7	5	22.5	20.5	34.13	18.58	1.27	3.79	Stainless
ESS 0.7×5×25×24.5	0.7	5	25	24.5	38.66	18.58	1.08	3.79	Stainless
ESS 0.7×5×27.5×27.5	0.7	5	27.5	27.5	43.19	18.58	0.94	3.79	Stainless
ESS 0.7×5×30×31.5	0.7	5	30	31.5	47.72	18.58	0.83	3.79	Stainless
ESS 0.7×5×32.5×34.5	0.7	5	32.5	34.5	52.25	18.58	0.75	3.79	Stainless
ESS 0.7×5×35×38.5	0.7	5	35	38.5	56.77	18.58	0.68	3.79	Stainless
ESM 0.5×6×15×8.5	0.5	6	15	8.5	28.06	6.55	0.45	0.65	Carbon
ESM 0.5×6×17.5×13.5	0.5	6	17.5	13.5	38.16	6.55	0.29	0.65	Carbon
ESM 0.5×6×20×18.5	0.5	6	20	18.5	48.26	6.55	0.21	0.65	Carbon
ESM 0.5×6×22.5×23.5	0.5	6	22.5	23.5	58.34	6.55	0.16	0.65	Carbon
ESM 0.5×6×25×28.5	0.5	6	25	28.5	68.44	6.55	0.14	0.65	Carbon
ESM 0.5×6×27.5×33.5	0.5	6	27.5	33.5	78.54	6.55	0.12	0.65	Carbon
ESM 0.5×6×30×38.5	0.5	6	30	38.5	88.65	6.55	0.1	0.65	Carbon
ESM 0.5×6×32.5×43.5	0.5	6	32.5	43.5	98.72	6.55	0.09	0.65	Carbon
ESM 0.5×6×35×48.5	0.5	6	35	48.5	108.84	6.55	0.08	0.65	Carbon
ESS 0.5×6×15×8.5	0.5	6	15	8.5	28.03	5.55	0.38	0.65	Stainless
ESS 0.5×6×17.5×13.5	0.5	6	17.5	13.5	38.1	5.55	0.24	0.65	Stainless
ESS 0.5×6×20×18.5	0.5	6	20	18.5	48.18	5.55	0.17	0.65	Stainless
ESS 0.5×6×22.5×23.5	0.5	6	22.5	23.5	58.24	5.55	0.14	0.65	Stainless
ESS 0.5×6×25×28.5	0.5	6	25	28.5	68.32	5.55	0.11	0.65	Stainless
ESS 0.5×6×27.5×33.5	0.5	6	27.5	33.5	78.42	5.55	0.1	0.65	Stainless
ESS 0.5×6×30×38.5	0.5	6	30	38.5	88.45	5.55	0.08	0.65	Stainless
ESS 0.5×6×32.5×43.5	0.5	6	32.5	43.5	98.59	5.55	0.07	0.65	Stainless
ESS 0.5×6×35×48.5	0.5	6	35	48.5	108.63	5.55	0.07	0.65	Stainless
ESM 0.6×6×15×7.5	0.6	6	15	7.5	23.74	11.2	1.12	1.41	Carbon
ESM 0.6×6×17.5×11.5	0.6	6	17.5	11.5	31.04	11.2	0.72	1.41	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.6×6×20×15.5	0.6	6	20	15.5	38.33	11.2	0.53	1.41	Carbon
ESM 0.6×6×22.5×20.5	0.6	6	22.5	20.5	45.63	11.2	0.42	1.41	Carbon
ESM 0.6×6×25×24.5	0.6	6	25	24.5	52.92	11.2	0.35	1.41	Carbon
ESM 0.6×6×27.5×28.5	0.6	6	27.5	28.5	60.22	11.2	0.3	1.41	Carbon
ESM 0.6×6×30×32.5	0.6	6	30	32.5	67.5	11.2	0.26	1.41	Carbon
ESM 0.6×6×32.5×36.5	0.6	6	32.5	36.5	74.8	11.2	0.23	1.41	Carbon
ESM 0.6×6×35×40.5	0.6	6	35	40.5	82.1	11.2	0.21	1.41	Carbon
ESS 0.6×6×15×7.5	0.6	6	15	7.5	23.72	9.55	0.93	1.41	Stainless
ESS 0.6×6×17.5×11.5	0.6	6	17.5	11.5	31	9.55	0.6	1.41	Stainless
ESS 0.6×6×20×15.5	0.6	6	20	15.5	38.28	9.55	0.45	1.41	Stainless
ESS 0.6×6×22.5×20.5	0.6	6	22.5	20.5	45.56	9.55	0.35	1.41	Stainless
ESS 0.6×6×25×24.5	0.6	6	25	24.5	52.84	9.55	0.29	1.41	Stainless
ESS 0.6×6×27.5×28.5	0.6	6	27.5	28.5	60.12	9.55	0.25	1.41	Stainless
ESS 0.6×6×30×32.5	0.6	6	30	32.5	67.39	9.55	0.22	1.41	Stainless
ESS 0.6×6×32.5×36.5	0.6	6	32.5	36.5	74.68	9.55	0.19	1.41	Stainless
ESS 0.6×6×35×40.5	0.6	6	35	40.5	81.95	9.55	0.17	1.41	Stainless
ESM 0.7×6×15×6.5	0.7	6	15	6.5	21.17	17.6	2.42	2.65	Carbon
ESM 0.7×6×17.5×10.5	0.7	6	17.5	10.5	26.87	17.6	1.59	2.65	Carbon
ESM 0.7×6×20×14.5	0.7	6	20	14.5	32.57	17.6	1.19	2.65	Carbon
ESM 0.7×6×22.5×17.5	0.7	6	22.5	17.5	38.28	17.6	0.95	2.65	Carbon
ESM 0.7×6×25×21.5	0.7	6	25	21.5	43.98	17.6	0.79	2.65	Carbon
ESM 0.7×6×27.5×24.5	0.7	6	27.5	24.5	49.68	17.6	0.67	2.65	Carbon
ESM 0.7×6×30×28.5	0.7	6	30	28.5	55.38	17.6	0.59	2.65	Carbon
ESM 0.7×6×32.5×31.5	0.7	6	32.5	31.5	61.08	17.6	0.52	2.65	Carbon
ESM 0.7×6×35×35.5	0.7	6	35	35.5	66.78	17.6	0.47	2.65	Carbon
ESM 0.7×6×37.5×39.5	0.7	6	37.5	39.5	72.48	17.6	0.43	2.65	Carbon
ESM 0.7×6×40×42.5	0.7	6	40	42.5	78.18	17.6	0.39	2.65	Carbon
ESS 0.7×6×15×6.5	0.7	6	15	6.5	21.16	15.08	2.02	2.65	Stainless
ESS 0.7×6×17.5×10.5	0.7	6	17.5	10.5	26.85	15.08	1.33	2.65	Stainless
ESS 0.7×6×20×14.5	0.7	6	20	14.5	32.54	15.08	0.99	2.65	Stainless
ESS 0.7×6×22.5×17.5	0.7	6	22.5	17.5	38.24	15.08	0.79	2.65	Stainless
ESS 0.7×6×25×21.5	0.7	6	25	21.5	43.93	15.08	0.66	2.65	Stainless
ESS 0.7×6×27.5×24.5	0.7	6	27.5	24.5	49.62	15.08	0.56	2.65	Stainless
ESS 0.7×6×30×28.5	0.7	6	30	28.5	55.32	15.08	0.49	2.65	Stainless
ESS 0.7×6×32.5×31.5	0.7	6	32.5	31.5	61.02	15.08	0.44	2.65	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.7×6×35×35.5	0.7	6	35	35.5	66.71	15.08	0.39	2.65	Stainless
ESS 0.7×6×37.5×39.5	0.7	6	37.5	39.5	72.4	15.08	0.36	2.65	Stainless
ESS 0.7×6×40×42.5	0.7	6	40	42.5	78.1	15.08	0.33	2.65	Stainless
ESM 0.8×6×15×6.5	0.8	6	15	6.5	19.52	25.97	4.74	4.51	Carbon
ESM 0.8×6×17.5×9.5	0.8	6	17.5	9.5	24.25	25.97	3.18	4.51	Carbon
ESM 0.8×6×20×12.5	0.8	6	20	12.5	28.98	25.97	2.39	4.51	Carbon
ESM 0.8×6×22.5×15.5	0.8	6	22.5	15.5	33.7	25.97	1.92	4.51	Carbon
ESM 0.8×6×25×18.5	0.8	6	25	18.5	38.43	25.97	1.6	4.51	Carbon
ESM 0.8×6×27.5×21.5	0.8	6	27.5	21.5	43.16	25.97	1.37	4.51	Carbon
ESM 0.8×6×30×25.5	0.8	6	30	25.5	47.89	25.97	1.2	4.51	Carbon
ESM 0.8×6×32.5×28.5	0.8	6	32.5	28.5	52.61	25.97	1.07	4.51	Carbon
ESM 0.8×6×35×31.5	0.8	6	35	31.5	57.34	25.97	0.96	4.51	Carbon
ESM 0.8×6×37.5×34.5	0.8	6	37.5	34.5	62.06	25.97	0.87	4.51	Carbon
ESM 0.8×6×40×37.5	0.8	6	40	37.5	66.79	25.97	0.8	4.51	Carbon
ESS 0.8×6×15×6.5	0.8	6	15	6.5	19.5	22.3	3.95	4.51	Stainless
ESS 0.8×6×17.5×9.5	0.8	6	17.5	9.5	24.21	22.3	2.65	4.51	Stainless
ESS 0.8×6×20×12.5	0.8	6	20	12.5	28.93	22.3	1.99	4.51	Stainless
ESS 0.8×6×22.5×15.5	0.8	6	22.5	15.5	33.64	22.3	1.6	4.51	Stainless
ESS 0.8×6×25×18.5	0.8	6	25	18.5	38.36	22.3	1.33	4.51	Stainless
ESS 0.8×6×27.5×21.5	0.8	6	27.5	21.5	43.07	22.3	1.14	4.51	Stainless
ESS 0.8×6×30×25.5	0.8	6	30	25.5	47.79	22.3	1	4.51	Stainless
ESS 0.8×6×32.5×28.5	0.8	6	32.5	28.5	52.5	22.3	0.89	4.51	Stainless
ESS 0.8×6×35×31.5	0.8	6	35	31.5	57.21	22.3	0.8	4.51	Stainless
ESS 0.8×6×37.5×34.5	0.8	6	37.5	34.5	61.93	22.3	0.73	4.51	Stainless
ESS 0.8×6×40×37.5	0.8	6	40	37.5	66.64	22.3	0.67	4.51	Stainless
ESM 0.5×7×17.5×9.5	0.5	7	17.5	9.5	38.29	5.54	0.25	0.45	Carbon
ESM 0.5×7×20×14.5	0.5	7	20	14.5	51.61	5.54	0.16	0.45	Carbon
ESM 0.5×7×22.5×19.5	0.5	7	22.5	19.5	64.93	5.54	0.12	0.45	Carbon
ESM 0.5×7×25×24.5	0.5	7	25	24.5	78.25	5.54	0.1	0.45	Carbon
ESM 0.5×7×27.5×29.5	0.5	7	27.5	29.5	91.6	5.54	0.08	0.45	Carbon
ESM 0.5×7×30×34.5	0.5	7	30	34.5	104.95	5.54	0.07	0.45	Carbon
ESM 0.5×7×32.5×39.5	0.5	7	32.5	39.5	118.3	5.54	0.06	0.45	Carbon
ESM 0.5×7×35×44.5	0.5	7	35	44.5	131.52	5.54	0.05	0.45	Carbon
ESM 0.5×7×37.5×49.5	0.5	7	37.5	49.5	145.02	5.54	0.05	0.45	Carbon
ESM 0.5×7×40×54.5	0.5	7	40	54.5	158.24	5.54	0.04	0.45	Carbon

M: Carbon Steel;
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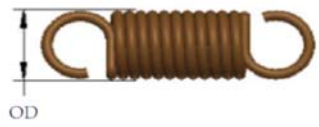
Max Length - Max Load

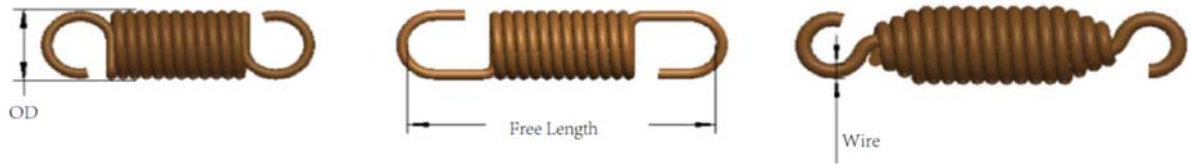






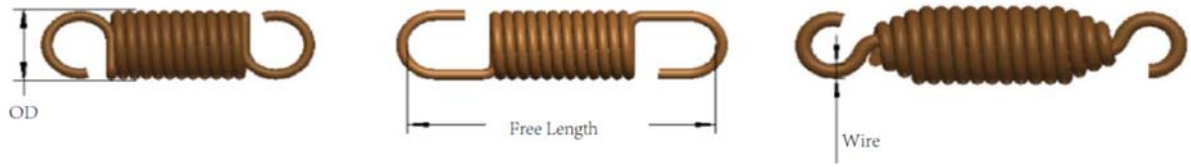
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.5×7×17.5×9.5	0.5	7	17.5	9.5	38.32	4.7	0.2	0.45	Stainless
ESS 0.5×7×20×14.5	0.5	7	20	14.5	51.67	4.7	0.13	0.45	Stainless
ESS 0.5×7×22.5×19.5	0.5	7	22.5	19.5	64.99	4.7	0.1	0.45	Stainless
ESS 0.5×7×25×24.5	0.5	7	25	24.5	78.37	4.7	0.08	0.45	Stainless
ESS 0.5×7×27.5×29.5	0.5	7	27.5	29.5	91.65	4.7	0.07	0.45	Stainless
ESS 0.5×7×30×34.5	0.5	7	30	34.5	105.02	4.7	0.06	0.45	Stainless
ESS 0.5×7×32.5×39.5	0.5	7	32.5	39.5	118.43	4.7	0.05	0.45	Stainless
ESS 0.5×7×35×44.5	0.5	7	35	44.5	131.67	4.7	0.04	0.45	Stainless
ESS 0.5×7×37.5×49.5	0.5	7	37.5	49.5	145.18	4.7	0.04	0.45	Stainless
ESS 0.5×7×40×54.5	0.5	7	40	54.5	158.48	4.7	0.04	0.45	Stainless
ESM 0.6×7×17.5×8.5	0.6	7	17.5	8.5	31.44	9.45	0.61	1	Carbon
ESM 0.6×7×20×12.5	0.6	7	20	12.5	40.84	9.45	0.41	1	Carbon
ESM 0.6×7×22.5×16.5	0.6	7	22.5	16.5	50.22	9.45	0.3	1	Carbon
ESM 0.6×7×25×20.5	0.6	7	25	20.5	59.62	9.45	0.24	1	Carbon
ESM 0.6×7×27.5×25.5	0.6	7	27.5	25.5	69	9.45	0.2	1	Carbon
ESM 0.6×7×30×29.5	0.6	7	30	29.5	78.39	9.45	0.17	1	Carbon
ESM 0.6×7×32.5×33.5	0.6	7	32.5	33.5	87.78	9.45	0.15	1	Carbon
ESM 0.6×7×35×37.5	0.6	7	35	37.5	97.15	9.45	0.14	1	Carbon
ESM 0.6×7×37.5×41.5	0.6	7	37.5	41.5	106.56	9.45	0.12	1	Carbon
ESM 0.6×7×40×45.5	0.6	7	40	45.5	115.95	9.45	0.11	1	Carbon
ESS 0.6×7×17.5×8.5	0.6	7	17.5	8.5	31.47	8.05	0.51	1	Stainless
ESS 0.6×7×20×12.5	0.6	7	20	12.5	40.87	8.05	0.34	1	Stainless
ESS 0.6×7×22.5×16.5	0.6	7	22.5	16.5	50.27	8.05	0.25	1	Stainless
ESS 0.6×7×25×20.5	0.6	7	25	20.5	59.67	8.05	0.2	1	Stainless
ESS 0.6×7×27.5×25.5	0.6	7	27.5	25.5	69.08	8.05	0.17	1	Stainless
ESS 0.6×7×30×29.5	0.6	7	30	29.5	78.46	8.05	0.15	1	Stainless
ESS 0.6×7×32.5×33.5	0.6	7	32.5	33.5	87.88	8.05	0.13	1	Stainless
ESS 0.6×7×35×37.5	0.6	7	35	37.5	97.28	8.05	0.11	1	Stainless
ESS 0.6×7×37.5×41.5	0.6	7	37.5	41.5	106.68	8.05	0.1	1	Stainless
ESS 0.6×7×40×45.5	0.6	7	40	45.5	116.12	8.05	0.09	1	Stainless
ESM 0.7×7×17.5×7.5	0.7	7	17.5	7.5	27.36	14.8	1.31	1.92	Carbon
ESM 0.7×7×20×11.5	0.7	7	20	11.5	34.5	14.8	0.89	1.92	Carbon
ESM 0.7×7×22.5×14.5	0.7	7	22.5	14.5	41.63	14.8	0.67	1.92	Carbon
ESM 0.7×7×25×18.5	0.7	7	25	18.5	48.77	14.8	0.54	1.92	Carbon
ESM 0.7×7×27.5×21.5	0.7	7	27.5	21.5	55.9	14.8	0.45	1.92	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



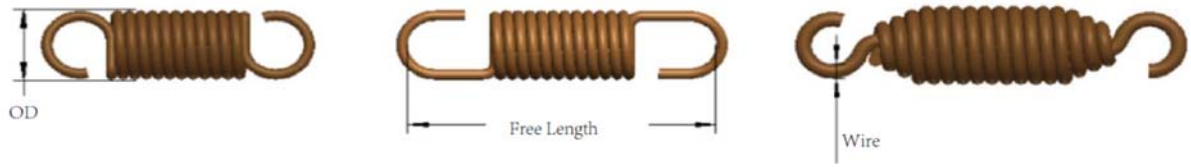
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.7×7×30×25.5	0.7	7	30	25.5	63.04	14.8	0.39	1.92	Carbon
ESM 0.7×7×32.5×29.5	0.7	7	32.5	29.5	70.18	14.8	0.34	1.92	Carbon
ESM 0.7×7×35×32.5	0.7	7	35	32.5	77.31	14.8	0.3	1.92	Carbon
ESM 0.7×7×37.5×36.5	0.7	7	37.5	36.5	84.44	14.8	0.27	1.92	Carbon
ESM 0.7×7×40×39.5	0.7	7	40	39.5	91.59	14.8	0.25	1.92	Carbon
ESM 0.7×7×42.5×43.5	0.7	7	42.5	43.5	98.72	14.8	0.23	1.92	Carbon
ESM 0.7×7×45×46.5	0.7	7	45	46.5	105.84	14.8	0.21	1.92	Carbon
ESS 0.7×7×17.5×7.5	0.7	7	17.5	7.5	27.39	12.68	1.09	1.92	Stainless
ESS 0.7×7×20×11.5	0.7	7	20	11.5	34.53	12.68	0.74	1.92	Stainless
ESS 0.7×7×22.5×14.5	0.7	7	22.5	14.5	41.68	12.68	0.56	1.92	Stainless
ESS 0.7×7×25×18.5	0.7	7	25	18.5	48.83	12.68	0.45	1.92	Stainless
ESS 0.7×7×27.5×21.5	0.7	7	27.5	21.5	55.97	12.68	0.38	1.92	Stainless
ESS 0.7×7×30×25.5	0.7	7	30	25.5	63.12	12.68	0.33	1.92	Stainless
ESS 0.7×7×32.5×29.5	0.7	7	32.5	29.5	70.27	12.68	0.29	1.92	Stainless
ESS 0.7×7×35×32.5	0.7	7	35	32.5	77.42	12.68	0.25	1.92	Stainless
ESS 0.7×7×37.5×36.5	0.7	7	37.5	36.5	84.55	12.68	0.23	1.92	Stainless
ESS 0.7×7×40×39.5	0.7	7	40	39.5	91.7	12.68	0.21	1.92	Stainless
ESS 0.7×7×42.5×43.5	0.7	7	42.5	43.5	98.86	12.68	0.19	1.92	Stainless
ESS 0.7×7×45×46.5	0.7	7	45	46.5	105.99	12.68	0.18	1.92	Stainless
ESM 0.8×7×17.5×6.5	0.8	7	17.5	6.5	24.75	21.78	2.55	3.32	Carbon
ESM 0.8×7×20×10.5	0.8	7	20	10.5	30.5	21.78	1.76	3.32	Carbon
ESM 0.8×7×22.5×13.5	0.8	7	22.5	13.5	36.24	21.78	1.34	3.32	Carbon
ESM 0.8×7×25×16.5	0.8	7	25	16.5	41.99	21.78	1.09	3.32	Carbon
ESM 0.8×7×27.5×19.5	0.8	7	27.5	19.5	47.74	21.78	0.91	3.32	Carbon
ESM 0.8×7×30×22.5	0.8	7	30	22.5	53.48	21.78	0.79	3.32	Carbon
ESM 0.8×7×32.5×25.5	0.8	7	32.5	25.5	59.23	21.78	0.69	3.32	Carbon
ESM 0.8×7×35×28.5	0.8	7	35	28.5	64.98	21.78	0.62	3.32	Carbon
ESM 0.8×7×37.5×31.5	0.8	7	37.5	31.5	70.73	21.78	0.56	3.32	Carbon
ESM 0.8×7×40×35.5	0.8	7	40	35.5	76.48	21.78	0.51	3.32	Carbon
ESM 0.8×7×42.5×38.5	0.8	7	42.5	38.5	82.22	21.78	0.46	3.32	Carbon
ESM 0.8×7×45×41.5	0.8	7	45	41.5	87.97	21.78	0.43	3.32	Carbon
ESS 0.8×7×17.5×6.5	0.8	7	17.5	6.5	24.75	18.7	2.12	3.32	Stainless
ESS 0.8×7×20×10.5	0.8	7	20	10.5	30.49	18.7	1.47	3.32	Stainless
ESS 0.8×7×22.5×13.5	0.8	7	22.5	13.5	36.24	18.7	1.12	3.32	Stainless
ESS 0.8×7×25×16.5	0.8	7	25	16.5	41.98	18.7	0.91	3.32	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



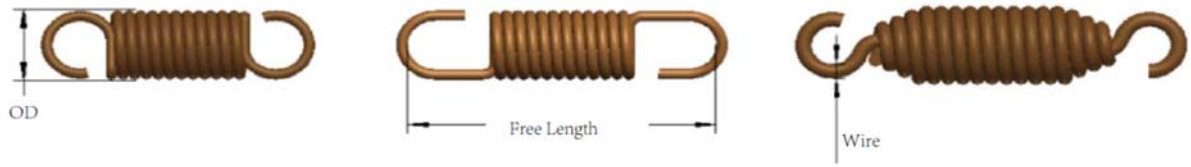
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.8×7×27.5×19.5	0.8	7	27.5	19.5	47.73	18.7	0.76	3.32	Stainless
ESS 0.8×7×30×22.5	0.8	7	30	22.5	53.48	18.7	0.66	3.32	Stainless
ESS 0.8×7×32.5×25.5	0.8	7	32.5	25.5	59.22	18.7	0.58	3.32	Stainless
ESS 0.8×7×35×28.5	0.8	7	35	28.5	64.97	18.7	0.51	3.32	Stainless
ESS 0.8×7×37.5×31.5	0.8	7	37.5	31.5	70.71	18.7	0.46	3.32	Stainless
ESS 0.8×7×40×35.5	0.8	7	40	35.5	76.46	18.7	0.42	3.32	Stainless
ESS 0.8×7×42.5×38.5	0.8	7	42.5	38.5	82.21	18.7	0.39	3.32	Stainless
ESS 0.8×7×45×41.5	0.8	7	45	41.5	87.95	18.7	0.36	3.32	Stainless
ESM 0.9×7×17.5×6.5	0.9	7	17.5	6.5	22.98	30.56	4.61	5.32	Carbon
ESM 0.9×7×20×9.5	0.9	7	20	9.5	27.82	30.56	3.23	5.32	Carbon
ESM 0.9×7×22.5×12.5	0.9	7	22.5	12.5	32.67	30.56	2.48	5.32	Carbon
ESM 0.9×7×25×14.5	0.9	7	25	14.5	37.52	30.56	2.02	5.32	Carbon
ESM 0.9×7×27.5×17.5	0.9	7	27.5	17.5	42.36	30.56	1.7	5.32	Carbon
ESM 0.9×7×30×20.5	0.9	7	30	20.5	47.21	30.56	1.47	5.32	Carbon
ESM 0.9×7×32.5×23.5	0.9	7	32.5	23.5	52.05	30.56	1.29	5.32	Carbon
ESM 0.9×7×35×25.5	0.9	7	35	25.5	56.9	30.56	1.15	5.32	Carbon
ESM 0.9×7×37.5×28.5	0.9	7	37.5	28.5	61.74	30.56	1.04	5.32	Carbon
ESM 0.9×7×40×31.5	0.9	7	40	31.5	66.59	30.56	0.95	5.32	Carbon
ESM 0.9×7×42.5×34.5	0.9	7	42.5	34.5	71.43	30.56	0.87	5.32	Carbon
ESM 0.9×7×45×37.5	0.9	7	45	37.5	76.28	30.56	0.81	5.32	Carbon
ESS 0.9×7×17.5×6.5	0.9	7	17.5	6.5	22.99	26.38	3.84	5.32	Stainless
ESS 0.9×7×20×9.5	0.9	7	20	9.5	27.84	26.38	2.69	5.32	Stainless
ESS 0.9×7×22.5×12.5	0.9	7	22.5	12.5	32.69	26.38	2.07	5.32	Stainless
ESS 0.9×7×25×14.5	0.9	7	25	14.5	37.54	26.38	1.68	5.32	Stainless
ESS 0.9×7×27.5×17.5	0.9	7	27.5	17.5	42.39	26.38	1.42	5.32	Stainless
ESS 0.9×7×30×20.5	0.9	7	30	20.5	47.24	26.38	1.22	5.32	Stainless
ESS 0.9×7×32.5×23.5	0.9	7	32.5	23.5	52.09	26.38	1.08	5.32	Stainless
ESS 0.9×7×35×25.5	0.9	7	35	25.5	56.93	26.38	0.96	5.32	Stainless
ESS 0.9×7×37.5×28.5	0.9	7	37.5	28.5	61.79	26.38	0.87	5.32	Stainless
ESS 0.9×7×40×31.5	0.9	7	40	31.5	66.63	26.38	0.79	5.32	Stainless
ESS 0.9×7×42.5×34.5	0.9	7	42.5	34.5	71.48	26.38	0.73	5.32	Stainless
ESS 0.9×7×45×37.5	0.9	7	45	37.5	76.33	26.38	0.67	5.32	Stainless
ESM 1×7×17.5×6.5	1	7	17.5	6.5	21.8	41.8	7.85	8.05	Carbon
ESM 1×7×20×8.5	1	7	20	8.5	26.06	41.8	5.57	8.05	Carbon
ESM 1×7×22.5×11.5	1	7	22.5	11.5	30.33	41.8	4.31	8.05	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



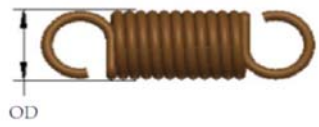
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1×7×25×13.5	1	7	25	13.5	34.59	41.8	3.52	8.05	Carbon
ESM 1×7×27.5×16.5	1	7	27.5	16.5	38.85	41.8	2.97	8.05	Carbon
ESM 1×7×30×18.5	1	7	30	18.5	43.12	41.8	2.57	8.05	Carbon
ESM 1×7×32.5×21.5	1	7	32.5	21.5	47.38	41.8	2.27	8.05	Carbon
ESM 1×7×35×23.5	1	7	35	23.5	51.64	41.8	2.03	8.05	Carbon
ESM 1×7×37.5×26.5	1	7	37.5	26.5	55.9	41.8	1.83	8.05	Carbon
ESM 1×7×40×28.5	1	7	40	28.5	60.17	41.8	1.67	8.05	Carbon
ESM 1×7×42.5×31.5	1	7	42.5	31.5	64.43	41.8	1.54	8.05	Carbon
ESM 1×7×45×33.5	1	7	45	33.5	68.69	41.8	1.42	8.05	Carbon
ESS 1×7×17.5×6.5	1	7	17.5	6.5	21.79	36.12	6.54	8.05	Stainless
ESS 1×7×20×8.5	1	7	20	8.5	26.05	36.12	4.64	8.05	Stainless
ESS 1×7×22.5×11.5	1	7	22.5	11.5	30.31	36.12	3.59	8.05	Stainless
ESS 1×7×25×13.5	1	7	25	13.5	34.57	36.12	2.93	8.05	Stainless
ESS 1×7×27.5×16.5	1	7	27.5	16.5	38.83	36.12	2.48	8.05	Stainless
ESS 1×7×30×18.5	1	7	30	18.5	43.09	36.12	2.14	8.05	Stainless
ESS 1×7×32.5×21.5	1	7	32.5	21.5	47.35	36.12	1.89	8.05	Stainless
ESS 1×7×35×23.5	1	7	35	23.5	51.61	36.12	1.69	8.05	Stainless
ESS 1×7×37.5×26.5	1	7	37.5	26.5	55.87	36.12	1.53	8.05	Stainless
ESS 1×7×40×28.5	1	7	40	28.5	60.13	36.12	1.39	8.05	Stainless
ESS 1×7×42.5×31.5	1	7	42.5	31.5	64.38	36.12	1.28	8.05	Stainless
ESS 1×7×45×33.5	1	7	45	33.5	68.65	36.12	1.19	8.05	Stainless
ESM 0.6×8×20×9.5	0.6	8	20	9.5	40.87	8.17	0.36	0.73	Carbon
ESM 0.6×8×22.5×13.5	0.6	8	22.5	13.5	52.76	8.17	0.25	0.73	Carbon
ESM 0.6×8×25×17.5	0.6	8	25	17.5	64.64	8.17	0.19	0.73	Carbon
ESM 0.6×8×27.5×21.5	0.6	8	27.5	21.5	76.54	8.17	0.15	0.73	Carbon
ESM 0.6×8×30×25.5	0.6	8	30	25.5	88.42	8.17	0.13	0.73	Carbon
ESM 0.6×8×32.5×30.5	0.6	8	32.5	30.5	100.28	8.17	0.11	0.73	Carbon
ESM 0.6×8×35×34.5	0.6	8	35	34.5	112.19	8.17	0.1	0.73	Carbon
ESM 0.6×8×37.5×38.5	0.6	8	37.5	38.5	124.11	8.17	0.09	0.73	Carbon
ESM 0.6×8×40×42.5	0.6	8	40	42.5	135.99	8.17	0.08	0.73	Carbon
ESM 0.6×8×42.5×46.5	0.6	8	42.5	46.5	147.86	8.17	0.07	0.73	Carbon
ESM 0.6×8×45×50.5	0.6	8	45	50.5	159.77	8.17	0.06	0.73	Carbon
ESS 0.6×8×20×9.5	0.6	8	20	9.5	40.98	6.97	0.3	0.73	Stainless
ESS 0.6×8×22.5×13.5	0.6	8	22.5	13.5	52.91	6.97	0.21	0.73	Stainless
ESS 0.6×8×25×17.5	0.6	8	25	17.5	64.85	6.97	0.16	0.73	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.6×8×27.5×21.5	0.6	8	27.5	21.5	76.79	6.97	0.13	0.73	Stainless
ESS 0.6×8×30×25.5	0.6	8	30	25.5	88.71	6.97	0.11	0.73	Stainless
ESS 0.6×8×32.5×30.5	0.6	8	32.5	30.5	100.63	6.97	0.09	0.73	Stainless
ESS 0.6×8×35×34.5	0.6	8	35	34.5	112.62	6.97	0.08	0.73	Stainless
ESS 0.6×8×37.5×38.5	0.6	8	37.5	38.5	124.54	6.97	0.07	0.73	Stainless
ESS 0.6×8×40×42.5	0.6	8	40	42.5	136.45	6.97	0.06	0.73	Stainless
ESS 0.6×8×42.5×46.5	0.6	8	42.5	46.5	148.45	6.97	0.06	0.73	Stainless
ESS 0.6×8×45×50.5	0.6	8	45	50.5	160.35	6.97	0.05	0.73	Stainless
ESM 0.7×8×20×8.5	0.7	8	20	8.5	34.79	12.78	0.77	1.43	Carbon
ESM 0.7×8×22.5×11.5	0.7	8	22.5	11.5	43.64	12.78	0.54	1.43	Carbon
ESM 0.7×8×25×15.5	0.7	8	25	15.5	52.49	12.78	0.41	1.43	Carbon
ESM 0.7×8×27.5×19.5	0.7	8	27.5	19.5	61.34	12.78	0.34	1.43	Carbon
ESM 0.7×8×30×22.5	0.7	8	30	22.5	70.2	12.78	0.28	1.43	Carbon
ESM 0.7×8×32.5×26.5	0.7	8	32.5	26.5	79.04	12.78	0.24	1.43	Carbon
ESM 0.7×8×35×29.5	0.7	8	35	29.5	87.89	12.78	0.21	1.43	Carbon
ESM 0.7×8×37.5×33.5	0.7	8	37.5	33.5	96.74	12.78	0.19	1.43	Carbon
ESM 0.7×8×40×36.5	0.7	8	40	36.5	105.61	12.78	0.17	1.43	Carbon
ESM 0.7×8×42.5×40.5	0.7	8	42.5	40.5	114.43	12.78	0.16	1.43	Carbon
ESM 0.7×8×45×44.5	0.7	8	45	44.5	123.28	12.78	0.15	1.43	Carbon
ESS 0.7×8×20×8.5	0.7	8	20	8.5	34.88	10.95	0.64	1.43	Stainless
ESS 0.7×8×22.5×11.5	0.7	8	22.5	11.5	43.78	10.95	0.45	1.43	Stainless
ESS 0.7×8×25×15.5	0.7	8	25	15.5	52.67	10.95	0.34	1.43	Stainless
ESS 0.7×8×27.5×19.5	0.7	8	27.5	19.5	61.56	10.95	0.28	1.43	Stainless
ESS 0.7×8×30×22.5	0.7	8	30	22.5	70.46	10.95	0.24	1.43	Stainless
ESS 0.7×8×32.5×26.5	0.7	8	32.5	26.5	79.35	10.95	0.2	1.43	Stainless
ESS 0.7×8×35×29.5	0.7	8	35	29.5	88.25	10.95	0.18	1.43	Stainless
ESS 0.7×8×37.5×33.5	0.7	8	37.5	33.5	97.15	10.95	0.16	1.43	Stainless
ESS 0.7×8×40×36.5	0.7	8	40	36.5	106.02	10.95	0.14	1.43	Stainless
ESS 0.7×8×42.5×40.5	0.7	8	42.5	40.5	114.9	10.95	0.13	1.43	Stainless
ESS 0.7×8×45×44.5	0.7	8	45	44.5	123.81	10.95	0.12	1.43	Stainless
ESM 0.8×8×20×7.5	0.8	8	20	7.5	30.89	18.76	1.49	2.51	Carbon
ESM 0.8×8×22.5×10.5	0.8	8	22.5	10.5	37.86	18.76	1.06	2.51	Carbon
ESM 0.8×8×25×13.5	0.8	8	25	13.5	44.84	18.76	0.82	2.51	Carbon
ESM 0.8×8×27.5×16.5	0.8	8	27.5	16.5	51.81	18.76	0.67	2.51	Carbon
ESM 0.8×8×30×20.5	0.8	8	30	20.5	58.79	18.76	0.56	2.51	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

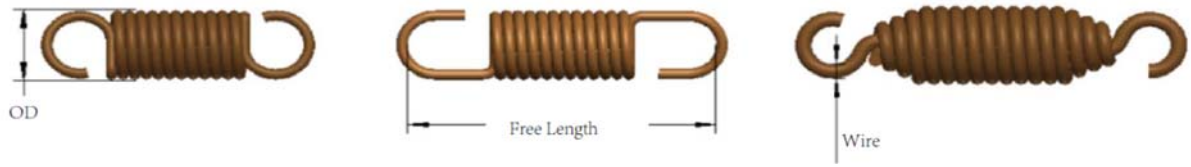






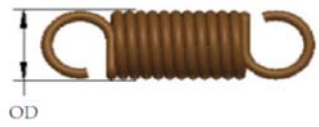
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.8×8×32.5×23.5	0.8	8	32.5	23.5	65.77	18.76	0.49	2.51	Carbon
ESM 0.8×8×35×26.5	0.8	8	35	26.5	72.74	18.76	0.43	2.51	Carbon
ESM 0.8×8×37.5×29.5	0.8	8	37.5	29.5	79.72	18.76	0.39	2.51	Carbon
ESM 0.8×8×40×32.5	0.8	8	40	32.5	86.69	18.76	0.35	2.51	Carbon
ESM 0.8×8×42.5×35.5	0.8	8	42.5	35.5	93.68	18.76	0.32	2.51	Carbon
ESM 0.8×8×45×38.5	0.8	8	45	38.5	100.64	18.76	0.29	2.51	Carbon
ESS 0.8×8×20×7.5	0.8	8	20	7.5	30.93	16.1	1.24	2.51	Stainless
ESS 0.8×8×22.5×10.5	0.8	8	22.5	10.5	37.92	16.1	0.88	2.51	Stainless
ESS 0.8×8×25×13.5	0.8	8	25	13.5	44.92	16.1	0.68	2.51	Stainless
ESS 0.8×8×27.5×16.5	0.8	8	27.5	16.5	51.91	16.1	0.56	2.51	Stainless
ESS 0.8×8×30×20.5	0.8	8	30	20.5	58.9	16.1	0.47	2.51	Stainless
ESS 0.8×8×32.5×23.5	0.8	8	32.5	23.5	65.9	16.1	0.41	2.51	Stainless
ESS 0.8×8×35×26.5	0.8	8	35	26.5	72.89	16.1	0.36	2.51	Stainless
ESS 0.8×8×37.5×29.5	0.8	8	37.5	29.5	79.89	16.1	0.32	2.51	Stainless
ESS 0.8×8×40×32.5	0.8	8	40	32.5	86.88	16.1	0.29	2.51	Stainless
ESS 0.8×8×42.5×35.5	0.8	8	42.5	35.5	93.87	16.1	0.26	2.51	Stainless
ESS 0.8×8×45×38.5	0.8	8	45	38.5	100.87	16.1	0.24	2.51	Stainless
ESM 0.9×8×20×7.5	0.9	8	20	7.5	28.25	26.25	2.69	4.07	Carbon
ESM 0.9×8×22.5×9.5	0.9	8	22.5	9.5	34	26.25	1.93	4.07	Carbon
ESM 0.9×8×25×12.5	0.9	8	25	12.5	39.75	26.25	1.5	4.07	Carbon
ESM 0.9×8×27.5×15.5	0.9	8	27.5	15.5	45.5	26.25	1.23	4.07	Carbon
ESM 0.9×8×30×18.5	0.9	8	30	18.5	51.25	26.25	1.04	4.07	Carbon
ESM 0.9×8×32.5×20.5	0.9	8	32.5	20.5	57	26.25	0.91	4.07	Carbon
ESM 0.9×8×35×23.5	0.9	8	35	23.5	62.75	26.25	0.8	4.07	Carbon
ESM 0.9×8×37.5×26.5	0.9	8	37.5	26.5	68.5	26.25	0.72	4.07	Carbon
ESM 0.9×8×40×29.5	0.9	8	40	29.5	74.26	26.25	0.65	4.07	Carbon
ESM 0.9×8×42.5×32.5	0.9	8	42.5	32.5	80.01	26.25	0.59	4.07	Carbon
ESM 0.9×8×45×34.5	0.9	8	45	34.5	85.76	26.25	0.54	4.07	Carbon
ESS 0.9×8×20×7.5	0.9	8	20	7.5	28.3	22.67	2.24	4.07	Stainless
ESS 0.9×8×22.5×9.5	0.9	8	22.5	9.5	34.07	22.67	1.61	4.07	Stainless
ESS 0.9×8×25×12.5	0.9	8	25	12.5	39.84	22.67	1.25	4.07	Stainless
ESS 0.9×8×27.5×15.5	0.9	8	27.5	15.5	45.61	22.67	1.03	4.07	Stainless
ESS 0.9×8×30×18.5	0.9	8	30	18.5	51.38	22.67	0.87	4.07	Stainless
ESS 0.9×8×32.5×20.5	0.9	8	32.5	20.5	57.15	22.67	0.75	4.07	Stainless
ESS 0.9×8×35×23.5	0.9	8	35	23.5	62.92	22.67	0.67	4.07	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.9×8×37.5×26.5	0.9	8	37.5	26.5	68.7	22.67	0.6	4.07	Stainless
ESS 0.9×8×40×29.5	0.9	8	40	29.5	74.47	22.67	0.54	4.07	Stainless
ESS 0.9×8×42.5×32.5	0.9	8	42.5	32.5	80.24	22.67	0.49	4.07	Stainless
ESS 0.9×8×45×34.5	0.9	8	45	34.5	86.01	22.67	0.45	4.07	Stainless
ESM 1×8×20×6.5	1	8	20	6.5	26.48	35.83	4.57	6.21	Carbon
ESM 1×8×22.5×9.5	1	8	22.5	9.5	31.44	35.83	3.31	6.21	Carbon
ESM 1×8×25×11.5	1	8	25	11.5	36.4	35.83	2.6	6.21	Carbon
ESM 1×8×27.5×14.5	1	8	27.5	14.5	41.35	35.83	2.14	6.21	Carbon
ESM 1×8×30×16.5	1	8	30	16.5	46.31	35.83	1.82	6.21	Carbon
ESM 1×8×32.5×19.5	1	8	32.5	19.5	51.27	35.83	1.58	6.21	Carbon
ESM 1×8×35×21.5	1	8	35	21.5	56.22	35.83	1.4	6.21	Carbon
ESM 1×8×37.5×24.5	1	8	37.5	24.5	61.18	35.83	1.25	6.21	Carbon
ESM 1×8×40×26.5	1	8	40	26.5	66.13	35.83	1.13	6.21	Carbon
ESM 1×8×42.5×29.5	1	8	42.5	29.5	71.09	35.83	1.04	6.21	Carbon
ESM 1×8×45×31.5	1	8	45	31.5	76.05	35.83	0.95	6.21	Carbon
ESM 1×8×47.5×34.5	1	8	47.5	34.5	81	35.83	0.88	6.21	Carbon
ESM 1×8×50×36.5	1	8	50	36.5	85.96	35.83	0.82	6.21	Carbon
ESS 1×8×20×6.5	1	8	20	6.5	26.5	30.96	3.81	6.21	Stainless
ESS 1×8×22.5×9.5	1	8	22.5	9.5	31.47	30.96	2.76	6.21	Stainless
ESS 1×8×25×11.5	1	8	25	11.5	36.43	30.96	2.17	6.21	Stainless
ESS 1×8×27.5×14.5	1	8	27.5	14.5	41.39	30.96	1.78	6.21	Stainless
ESS 1×8×30×16.5	1	8	30	16.5	46.35	30.96	1.51	6.21	Stainless
ESS 1×8×32.5×19.5	1	8	32.5	19.5	51.32	30.96	1.32	6.21	Stainless
ESS 1×8×35×21.5	1	8	35	21.5	56.28	30.96	1.16	6.21	Stainless
ESS 1×8×37.5×24.5	1	8	37.5	24.5	61.24	30.96	1.04	6.21	Stainless
ESS 1×8×40×26.5	1	8	40	26.5	66.21	30.96	0.94	6.21	Stainless
ESS 1×8×42.5×29.5	1	8	42.5	29.5	71.17	30.96	0.86	6.21	Stainless
ESS 1×8×45×31.5	1	8	45	31.5	76.13	30.96	0.8	6.21	Stainless
ESS 1×8×47.5×34.5	1	8	47.5	34.5	81.1	30.96	0.74	6.21	Stainless
ESS 1×8×50×36.5	1	8	50	36.5	86.06	30.96	0.69	6.21	Stainless
ESM 1.1×8×20×6.5	1.1	8	20	6.5	25.28	48.07	7.39	9.05	Carbon
ESM 1.1×8×22.5×8.5	1.1	8	22.5	8.5	29.7	48.07	5.42	9.05	Carbon
ESM 1.1×8×25×10.5	1.1	8	25	10.5	34.13	48.07	4.27	9.05	Carbon
ESM 1.1×8×27.5×13.5	1.1	8	27.5	13.5	38.55	48.07	3.53	9.05	Carbon
ESM 1.1×8×30×15.5	1.1	8	30	15.5	42.98	48.07	3.01	9.05	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

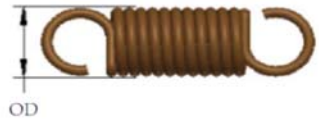






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.1×8×32.5×17.5	1.1	8	32.5	17.5	47.4	48.07	2.62	9.05	Carbon
ESM 1.1×8×35×19.5	1.1	8	35	19.5	51.83	48.07	2.32	9.05	Carbon
ESM 1.1×8×37.5×22.5	1.1	8	37.5	22.5	56.25	48.07	2.08	9.05	Carbon
ESM 1.1×8×40×24.5	1.1	8	40	24.5	60.67	48.07	1.89	9.05	Carbon
ESM 1.1×8×42.5×26.5	1.1	8	42.5	26.5	65.1	48.07	1.73	9.05	Carbon
ESM 1.1×8×45×28.5	1.1	8	45	28.5	69.52	48.07	1.59	9.05	Carbon
ESM 1.1×8×47.5×31.5	1.1	8	47.5	31.5	73.95	48.07	1.48	9.05	Carbon
ESM 1.1×8×50×33.5	1.1	8	50	33.5	78.37	48.07	1.38	9.05	Carbon
ESS 1.1×8×20×6.5	1.1	8	20	6.5	25.27	41.49	6.16	9.05	Stainless
ESS 1.1×8×22.5×8.5	1.1	8	22.5	8.5	29.69	41.49	4.51	9.05	Stainless
ESS 1.1×8×25×10.5	1.1	8	25	10.5	34.11	41.49	3.56	9.05	Stainless
ESS 1.1×8×27.5×13.5	1.1	8	27.5	13.5	38.53	41.49	2.94	9.05	Stainless
ESS 1.1×8×30×15.5	1.1	8	30	15.5	42.95	41.49	2.51	9.05	Stainless
ESS 1.1×8×32.5×17.5	1.1	8	32.5	17.5	47.37	41.49	2.18	9.05	Stainless
ESS 1.1×8×35×19.5	1.1	8	35	19.5	51.79	41.49	1.93	9.05	Stainless
ESS 1.1×8×37.5×22.5	1.1	8	37.5	22.5	56.21	41.49	1.73	9.05	Stainless
ESS 1.1×8×40×24.5	1.1	8	40	24.5	60.63	41.49	1.57	9.05	Stainless
ESS 1.1×8×42.5×26.5	1.1	8	42.5	26.5	65.05	41.49	1.44	9.05	Stainless
ESS 1.1×8×45×28.5	1.1	8	45	28.5	69.47	41.49	1.33	9.05	Stainless
ESS 1.1×8×47.5×31.5	1.1	8	47.5	31.5	73.89	41.49	1.23	9.05	Stainless
ESS 1.1×8×50×33.5	1.1	8	50	33.5	78.31	41.49	1.15	9.05	Stainless
ESM 0.6×9×22.5×10.5	0.6	9	22.5	10.5	52.27	7.2	0.22	0.54	Carbon
ESM 0.6×9×25×14.5	0.6	9	25	14.5	67.05	7.2	0.16	0.54	Carbon
ESM 0.6×9×27.5×18.5	0.6	9	27.5	18.5	81.82	7.2	0.12	0.54	Carbon
ESM 0.6×9×30×22.5	0.6	9	30	22.5	96.65	7.2	0.1	0.54	Carbon
ESM 0.6×9×32.5×26.5	0.6	9	32.5	26.5	111.37	7.2	0.08	0.54	Carbon
ESM 0.6×9×35×30.5	0.6	9	35	30.5	126.17	7.2	0.07	0.54	Carbon
ESM 0.6×9×37.5×35.5	0.6	9	37.5	35.5	140.99	7.2	0.06	0.54	Carbon
ESM 0.6×9×40×39.5	0.6	9	40	39.5	155.71	7.2	0.06	0.54	Carbon
ESM 0.6×9×42.5×43.5	0.6	9	42.5	43.5	170.42	7.2	0.05	0.54	Carbon
ESM 0.6×9×45×47.5	0.6	9	45	47.5	185.31	7.2	0.05	0.54	Carbon
ESM 0.6×9×47.5×51.5	0.6	9	47.5	51.5	200.01	7.2	0.04	0.54	Carbon
ESM 0.6×9×50×55.5	0.6	9	50	55.5	214.97	7.2	0.04	0.54	Carbon
ESS 0.6×9×22.5×10.5	0.6	9	22.5	10.5	52.51	6.14	0.19	0.54	Stainless
ESS 0.6×9×25×14.5	0.6	9	25	14.5	67.39	6.14	0.13	0.54	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

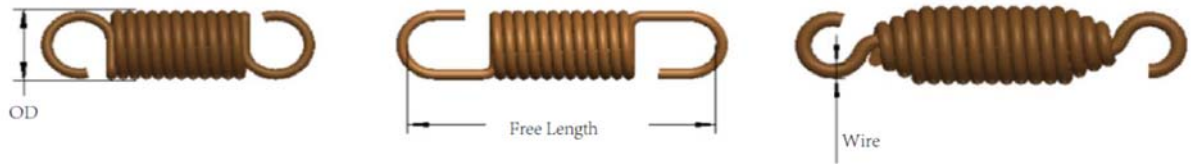






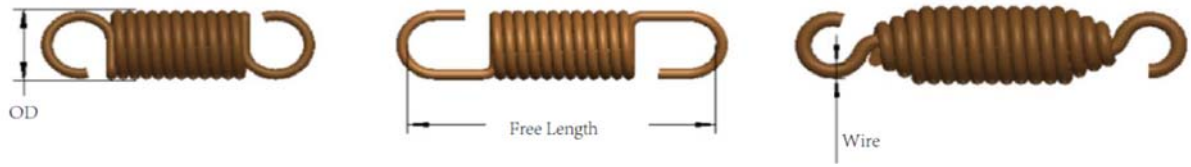
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.6×9×27.5×18.5	0.6	9	27.5	18.5	82.3	6.14	0.1	0.54	Stainless
ESS 0.6×9×30×22.5	0.6	9	30	22.5	97.15	6.14	0.08	0.54	Stainless
ESS 0.6×9×32.5×26.5	0.6	9	32.5	26.5	112.05	6.14	0.07	0.54	Stainless
ESS 0.6×9×35×30.5	0.6	9	35	30.5	126.96	6.14	0.06	0.54	Stainless
ESS 0.6×9×37.5×35.5	0.6	9	37.5	35.5	141.79	6.14	0.05	0.54	Stainless
ESS 0.6×9×40×39.5	0.6	9	40	39.5	156.67	6.14	0.05	0.54	Stainless
ESS 0.6×9×42.5×43.5	0.6	9	42.5	43.5	171.54	6.14	0.04	0.54	Stainless
ESS 0.6×9×45×47.5	0.6	9	45	47.5	186.42	6.14	0.04	0.54	Stainless
ESS 0.6×9×47.5×51.5	0.6	9	47.5	51.5	201.35	6.14	0.04	0.54	Stainless
ESS 0.6×9×50×55.5	0.6	9	50	55.5	216.18	6.14	0.03	0.54	Stainless
ESM 0.7×9×22.5×9.5	0.7	9	22.5	9.5	43.62	11.24	0.48	1.08	Carbon
ESM 0.7×9×25×12.5	0.7	9	25	12.5	54.48	11.24	0.34	1.08	Carbon
ESM 0.7×9×27.5×16.5	0.7	9	27.5	16.5	65.33	11.24	0.27	1.08	Carbon
ESM 0.7×9×30×19.5	0.7	9	30	19.5	76.19	11.24	0.22	1.08	Carbon
ESM 0.7×9×32.5×23.5	0.7	9	32.5	23.5	87.05	11.24	0.19	1.08	Carbon
ESM 0.7×9×35×26.5	0.7	9	35	26.5	97.9	11.24	0.16	1.08	Carbon
ESM 0.7×9×37.5×30.5	0.7	9	37.5	30.5	108.73	11.24	0.14	1.08	Carbon
ESM 0.7×9×40×34.5	0.7	9	40	34.5	119.61	11.24	0.13	1.08	Carbon
ESM 0.7×9×42.5×37.5	0.7	9	42.5	37.5	130.45	11.24	0.12	1.08	Carbon
ESM 0.7×9×45×41.5	0.7	9	45	41.5	141.28	11.24	0.11	1.08	Carbon
ESM 0.7×9×47.5×44.5	0.7	9	47.5	44.5	152.22	11.24	0.1	1.08	Carbon
ESM 0.7×9×50×48.5	0.7	9	50	48.5	162.99	11.24	0.09	1.08	Carbon
ESS 0.7×9×22.5×9.5	0.7	9	22.5	9.5	43.83	9.63	0.4	1.08	Stainless
ESS 0.7×9×25×12.5	0.7	9	25	12.5	54.76	9.63	0.29	1.08	Stainless
ESS 0.7×9×27.5×16.5	0.7	9	27.5	16.5	65.69	9.63	0.22	1.08	Stainless
ESS 0.7×9×30×19.5	0.7	9	30	19.5	76.63	9.63	0.18	1.08	Stainless
ESS 0.7×9×32.5×23.5	0.7	9	32.5	23.5	87.58	9.63	0.16	1.08	Stainless
ESS 0.7×9×35×26.5	0.7	9	35	26.5	98.51	9.63	0.13	1.08	Stainless
ESS 0.7×9×37.5×30.5	0.7	9	37.5	30.5	109.45	9.63	0.12	1.08	Stainless
ESS 0.7×9×40×34.5	0.7	9	40	34.5	120.41	9.63	0.11	1.08	Stainless
ESS 0.7×9×42.5×37.5	0.7	9	42.5	37.5	131.35	9.63	0.1	1.08	Stainless
ESS 0.7×9×45×41.5	0.7	9	45	41.5	142.24	9.63	0.09	1.08	Stainless
ESS 0.7×9×47.5×44.5	0.7	9	47.5	44.5	153.16	9.63	0.08	1.08	Stainless
ESS 0.7×9×50×48.5	0.7	9	50	48.5	164.12	9.63	0.07	1.08	Stainless
ESM 0.8×9×22.5×8.5	0.8	9	22.5	8.5	38.07	16.47	0.93	1.93	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.8×9×25×11.5	0.8	9	25	11.5	46.49	16.47	0.68	1.93	Carbon
ESM 0.8×9×27.5×14.5	0.8	9	27.5	14.5	54.9	16.47	0.53	1.93	Carbon
ESM 0.8×9×30×17.5	0.8	9	30	17.5	63.32	16.47	0.44	1.93	Carbon
ESM 0.8×9×32.5×20.5	0.8	9	32.5	20.5	71.73	16.47	0.37	1.93	Carbon
ESM 0.8×9×35×23.5	0.8	9	35	23.5	80.15	16.47	0.32	1.93	Carbon
ESM 0.8×9×37.5×26.5	0.8	9	37.5	26.5	88.56	16.47	0.28	1.93	Carbon
ESM 0.8×9×40×30.5	0.8	9	40	30.5	96.98	16.47	0.26	1.93	Carbon
ESM 0.8×9×42.5×33.5	0.8	9	42.5	33.5	105.4	16.47	0.23	1.93	Carbon
ESM 0.8×9×45×36.5	0.8	9	45	36.5	113.82	16.47	0.21	1.93	Carbon
ESM 0.8×9×47.5×39.5	0.8	9	47.5	39.5	122.23	16.47	0.19	1.93	Carbon
ESM 0.8×9×50×42.5	0.8	9	50	42.5	130.66	16.47	0.18	1.93	Carbon
ESS 0.8×9×22.5×8.5	0.8	9	22.5	8.5	38.19	14.14	0.78	1.93	Stainless
ESS 0.8×9×25×11.5	0.8	9	25	11.5	46.65	14.14	0.56	1.93	Stainless
ESS 0.8×9×27.5×14.5	0.8	9	27.5	14.5	55.11	14.14	0.44	1.93	Stainless
ESS 0.8×9×30×17.5	0.8	9	30	17.5	63.57	14.14	0.36	1.93	Stainless
ESS 0.8×9×32.5×20.5	0.8	9	32.5	20.5	72.03	14.14	0.31	1.93	Stainless
ESS 0.8×9×35×23.5	0.8	9	35	23.5	80.5	14.14	0.27	1.93	Stainless
ESS 0.8×9×37.5×26.5	0.8	9	37.5	26.5	88.96	14.14	0.24	1.93	Stainless
ESS 0.8×9×40×30.5	0.8	9	40	30.5	97.41	14.14	0.21	1.93	Stainless
ESS 0.8×9×42.5×33.5	0.8	9	42.5	33.5	105.87	14.14	0.19	1.93	Stainless
ESS 0.8×9×45×36.5	0.8	9	45	36.5	114.34	14.14	0.18	1.93	Stainless
ESS 0.8×9×47.5×39.5	0.8	9	47.5	39.5	122.78	14.14	0.16	1.93	Stainless
ESS 0.8×9×50×42.5	0.8	9	50	42.5	131.24	14.14	0.15	1.93	Stainless
ESM 0.9×9×22.5×7.5	0.9	9	22.5	7.5	34.31	23.01	1.68	3.17	Carbon
ESM 0.9×9×25×10.5	0.9	9	25	10.5	41.13	23.01	1.23	3.17	Carbon
ESM 0.9×9×27.5×13.5	0.9	9	27.5	13.5	47.95	23.01	0.97	3.17	Carbon
ESM 0.9×9×30×15.5	0.9	9	30	15.5	54.76	23.01	0.8	3.17	Carbon
ESM 0.9×9×32.5×18.5	0.9	9	32.5	18.5	61.58	23.01	0.68	3.17	Carbon
ESM 0.9×9×35×21.5	0.9	9	35	21.5	68.4	23.01	0.59	3.17	Carbon
ESM 0.9×9×37.5×24.5	0.9	9	37.5	24.5	75.21	23.01	0.53	3.17	Carbon
ESM 0.9×9×40×27.5	0.9	9	40	27.5	82.03	23.01	0.47	3.17	Carbon
ESM 0.9×9×42.5×29.5	0.9	9	42.5	29.5	88.84	23.01	0.43	3.17	Carbon
ESM 0.9×9×45×32.5	0.9	9	45	32.5	95.66	23.01	0.39	3.17	Carbon
ESM 0.9×9×47.5×35.5	0.9	9	47.5	35.5	102.47	23.01	0.36	3.17	Carbon
ESM 0.9×9×50×38.5	0.9	9	50	38.5	109.3	23.01	0.33	3.17	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.9×9×52.5×40.5	0.9	9	52.5	40.5	116.11	23.01	0.31	3.17	Carbon
ESM 0.9×9×55×43.5	0.9	9	55	43.5	122.92	23.01	0.29	3.17	Carbon
ESS 0.9×9×22.5×7.5	0.9	9	22.5	7.5	34.43	19.87	1.4	3.17	Stainless
ESS 0.9×9×25×10.5	0.9	9	25	10.5	41.29	19.87	1.03	3.17	Stainless
ESS 0.9×9×27.5×13.5	0.9	9	27.5	13.5	48.15	19.87	0.81	3.17	Stainless
ESS 0.9×9×30×15.5	0.9	9	30	15.5	55.01	19.87	0.67	3.17	Stainless
ESS 0.9×9×32.5×18.5	0.9	9	32.5	18.5	61.87	19.87	0.57	3.17	Stainless
ESS 0.9×9×35×21.5	0.9	9	35	21.5	68.73	19.87	0.5	3.17	Stainless
ESS 0.9×9×37.5×24.5	0.9	9	37.5	24.5	75.59	19.87	0.44	3.17	Stainless
ESS 0.9×9×40×27.5	0.9	9	40	27.5	82.45	19.87	0.39	3.17	Stainless
ESS 0.9×9×42.5×29.5	0.9	9	42.5	29.5	89.32	19.87	0.36	3.17	Stainless
ESS 0.9×9×45×32.5	0.9	9	45	32.5	96.18	19.87	0.33	3.17	Stainless
ESS 0.9×9×47.5×35.5	0.9	9	47.5	35.5	103.03	19.87	0.3	3.17	Stainless
ESS 0.9×9×50×38.5	0.9	9	50	38.5	109.9	19.87	0.28	3.17	Stainless
ESS 0.9×9×52.5×40.5	0.9	9	52.5	40.5	116.75	19.87	0.26	3.17	Stainless
ESS 0.9×9×55×43.5	0.9	9	55	43.5	123.61	19.87	0.24	3.17	Stainless
ESM 1×9×22.5×7.5	1	9	22.5	7.5	31.8	31.35	2.84	4.89	Carbon
ESM 1×9×25×9.5	1	9	25	9.5	37.58	31.35	2.1	4.89	Carbon
ESM 1×9×27.5×12.5	1	9	27.5	12.5	43.35	31.35	1.67	4.89	Carbon
ESM 1×9×30×14.5	1	9	30	14.5	49.13	31.35	1.38	4.89	Carbon
ESM 1×9×32.5×17.5	1	9	32.5	17.5	54.9	31.35	1.18	4.89	Carbon
ESM 1×9×35×19.5	1	9	35	19.5	60.68	31.35	1.03	4.89	Carbon
ESM 1×9×37.5×22.5	1	9	37.5	22.5	66.45	31.35	0.91	4.89	Carbon
ESM 1×9×40×24.5	1	9	40	24.5	72.23	31.35	0.82	4.89	Carbon
ESM 1×9×42.5×27.5	1	9	42.5	27.5	78	31.35	0.75	4.89	Carbon
ESM 1×9×45×29.5	1	9	45	29.5	83.78	31.35	0.68	4.89	Carbon
ESM 1×9×47.5×32.5	1	9	47.5	32.5	89.55	31.35	0.63	4.89	Carbon
ESM 1×9×50×34.5	1	9	50	34.5	95.33	31.35	0.58	4.89	Carbon
ESM 1×9×52.5×37.5	1	9	52.5	37.5	101.1	31.35	0.54	4.89	Carbon
ESM 1×9×55×39.5	1	9	55	39.5	106.88	31.35	0.51	4.89	Carbon
ESM 1×9×57.5×42.5	1	9	57.5	42.5	112.66	31.35	0.48	4.89	Carbon
ESM 1×9×60×44.5	1	9	60	44.5	118.44	31.35	0.45	4.89	Carbon
ESS 1×9×22.5×7.5	1	9	22.5	7.5	31.86	27.09	2.37	4.89	Stainless
ESS 1×9×25×9.5	1	9	25	9.5	37.66	27.09	1.75	4.89	Stainless
ESS 1×9×27.5×12.5	1	9	27.5	12.5	43.46	27.09	1.39	4.89	Stainless

M: Carbon Steel;
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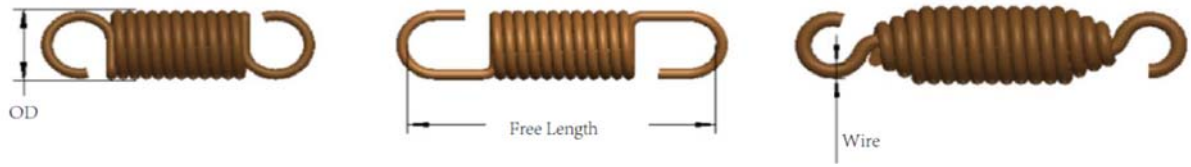
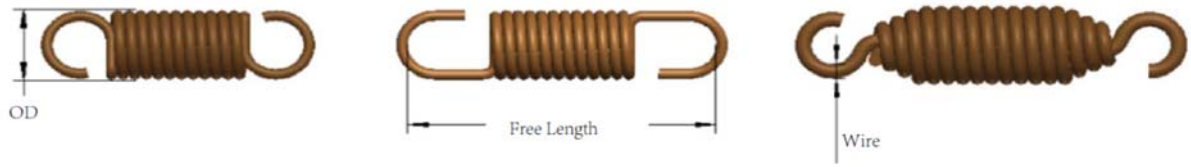
OD:Outer Diameter
Max Length - Max Load



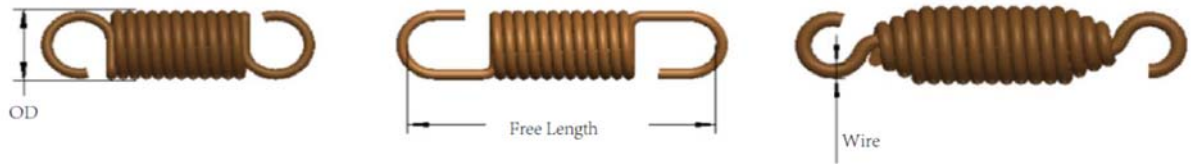
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1×9×30×14.5	1	9	30	14.5	49.26	27.09	1.15	4.89	Stainless
ESS 1×9×32.5×17.5	1	9	32.5	17.5	55.06	27.09	0.98	4.89	Stainless
ESS 1×9×35×19.5	1	9	35	19.5	60.85	27.09	0.86	4.89	Stainless
ESS 1×9×37.5×22.5	1	9	37.5	22.5	66.65	27.09	0.76	4.89	Stainless
ESS 1×9×40×24.5	1	9	40	24.5	72.44	27.09	0.68	4.89	Stainless
ESS 1×9×42.5×27.5	1	9	42.5	27.5	78.25	27.09	0.62	4.89	Stainless
ESS 1×9×45×29.5	1	9	45	29.5	84.04	27.09	0.57	4.89	Stainless
ESS 1×9×47.5×32.5	1	9	47.5	32.5	89.84	27.09	0.52	4.89	Stainless
ESS 1×9×50×34.5	1	9	50	34.5	95.64	27.09	0.49	4.89	Stainless
ESS 1×9×52.5×37.5	1	9	52.5	37.5	101.44	27.09	0.45	4.89	Stainless
ESS 1×9×55×39.5	1	9	55	39.5	107.23	27.09	0.43	4.89	Stainless
ESS 1×9×57.5×42.5	1	9	57.5	42.5	113.02	27.09	0.4	4.89	Stainless
ESS 1×9×60×44.5	1	9	60	44.5	118.82	27.09	0.38	4.89	Stainless
ESM 1.1×9×22.5×6.5	1.1	9	22.5	6.5	30.08	41.98	4.59	7.18	Carbon
ESM 1.1×9×25×8.5	1.1	9	25	8.5	35.16	41.98	3.43	7.18	Carbon
ESM 1.1×9×27.5×11.5	1.1	9	27.5	11.5	40.23	41.98	2.73	7.18	Carbon
ESM 1.1×9×30×13.5	1.1	9	30	13.5	45.31	41.98	2.27	7.18	Carbon
ESM 1.1×9×32.5×15.5	1.1	9	32.5	15.5	50.39	41.98	1.95	7.18	Carbon
ESM 1.1×9×35×18.5	1.1	9	35	18.5	55.46	41.98	1.7	7.18	Carbon
ESM 1.1×9×37.5×20.5	1.1	9	37.5	20.5	60.54	41.98	1.51	7.18	Carbon
ESM 1.1×9×40×22.5	1.1	9	40	22.5	65.61	41.98	1.36	7.18	Carbon
ESM 1.1×9×42.5×24.5	1.1	9	42.5	24.5	70.69	41.98	1.23	7.18	Carbon
ESM 1.1×9×45×27.5	1.1	9	45	27.5	75.76	41.98	1.13	7.18	Carbon
ESM 1.1×9×47.5×29.5	1.1	9	47.5	29.5	80.84	41.98	1.04	7.18	Carbon
ESM 1.1×9×50×31.5	1.1	9	50	31.5	85.92	41.98	0.97	7.18	Carbon
ESM 1.1×9×52.5×33.5	1.1	9	52.5	33.5	90.99	41.98	0.9	7.18	Carbon
ESM 1.1×9×55×36.5	1.1	9	55	36.5	96.07	41.98	0.85	7.18	Carbon
ESM 1.1×9×57.5×38.5	1.1	9	57.5	38.5	101.14	41.98	0.8	7.18	Carbon
ESM 1.1×9×60×40.5	1.1	9	60	40.5	106.21	41.98	0.75	7.18	Carbon
ESS 1.1×9×22.5×6.5	1.1	9	22.5	6.5	30.1	36.24	3.82	7.18	Stainless
ESS 1.1×9×25×8.5	1.1	9	25	8.5	35.18	36.24	2.85	7.18	Stainless
ESS 1.1×9×27.5×11.5	1.1	9	27.5	11.5	40.26	36.24	2.28	7.18	Stainless
ESS 1.1×9×30×13.5	1.1	9	30	13.5	45.34	36.24	1.89	7.18	Stainless
ESS 1.1×9×32.5×15.5	1.1	9	32.5	15.5	50.42	36.24	1.62	7.18	Stainless
ESS 1.1×9×35×18.5	1.1	9	35	18.5	55.5	36.24	1.42	7.18	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



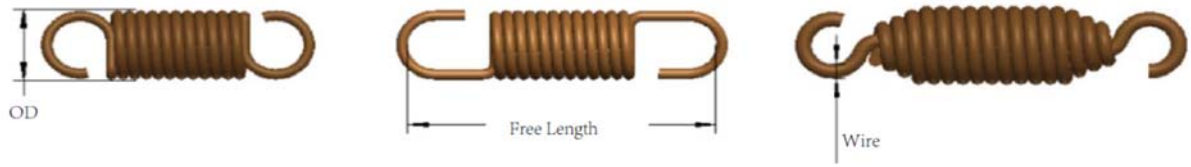
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.1×9×37.5×20.5	1.1	9	37.5	20.5	60.58	36.24	1.26	7.18	Stainless
ESS 1.1×9×40×22.5	1.1	9	40	22.5	65.66	36.24	1.13	7.18	Stainless
ESS 1.1×9×42.5×24.5	1.1	9	42.5	24.5	70.74	36.24	1.03	7.18	Stainless
ESS 1.1×9×45×27.5	1.1	9	45	27.5	75.82	36.24	0.94	7.18	Stainless
ESS 1.1×9×47.5×29.5	1.1	9	47.5	29.5	80.9	36.24	0.87	7.18	Stainless
ESS 1.1×9×50×31.5	1.1	9	50	31.5	85.98	36.24	0.81	7.18	Stainless
ESS 1.1×9×52.5×33.5	1.1	9	52.5	33.5	91.07	36.24	0.75	7.18	Stainless
ESS 1.1×9×55×36.5	1.1	9	55	36.5	96.14	36.24	0.71	7.18	Stainless
ESS 1.1×9×57.5×38.5	1.1	9	57.5	38.5	101.23	36.24	0.66	7.18	Stainless
ESS 1.1×9×60×40.5	1.1	9	60	40.5	106.3	36.24	0.63	7.18	Stainless
ESM 1.2×9×22.5×6.5	1.2	9	22.5	6.5	28.76	54.66	7.12	10.15	Carbon
ESM 1.2×9×25×8.5	1.2	9	25	8.5	33.31	54.66	5.36	10.15	Carbon
ESM 1.2×9×27.5×10.5	1.2	9	27.5	10.5	37.86	54.66	4.3	10.15	Carbon
ESM 1.2×9×30×12.5	1.2	9	30	12.5	42.41	54.66	3.59	10.15	Carbon
ESM 1.2×9×32.5×14.5	1.2	9	32.5	14.5	46.97	54.66	3.08	10.15	Carbon
ESM 1.2×9×35×16.5	1.2	9	35	16.5	51.52	54.66	2.69	10.15	Carbon
ESM 1.2×9×37.5×18.5	1.2	9	37.5	18.5	56.07	54.66	2.4	10.15	Carbon
ESM 1.2×9×40×20.5	1.2	9	40	20.5	60.62	54.66	2.16	10.15	Carbon
ESM 1.2×9×42.5×23.5	1.2	9	42.5	23.5	65.18	54.66	1.96	10.15	Carbon
ESM 1.2×9×45×25.5	1.2	9	45	25.5	69.73	54.66	1.8	10.15	Carbon
ESM 1.2×9×47.5×27.5	1.2	9	47.5	27.5	74.28	54.66	1.66	10.15	Carbon
ESM 1.2×9×50×29.5	1.2	9	50	29.5	78.83	54.66	1.54	10.15	Carbon
ESM 1.2×9×52.5×31.5	1.2	9	52.5	31.5	83.39	54.66	1.44	10.15	Carbon
ESM 1.2×9×55×33.5	1.2	9	55	33.5	87.94	54.66	1.35	10.15	Carbon
ESM 1.2×9×57.5×35.5	1.2	9	57.5	35.5	92.49	54.66	1.27	10.15	Carbon
ESM 1.2×9×60×37.5	1.2	9	60	37.5	97.05	54.66	1.2	10.15	Carbon
ESS 1.2×9×22.5×6.5	1.2	9	22.5	6.5	28.76	47.29	5.93	10.15	Stainless
ESS 1.2×9×25×8.5	1.2	9	25	8.5	33.32	47.29	4.46	10.15	Stainless
ESS 1.2×9×27.5×10.5	1.2	9	27.5	10.5	37.87	47.29	3.58	10.15	Stainless
ESS 1.2×9×30×12.5	1.2	9	30	12.5	42.43	47.29	2.99	10.15	Stainless
ESS 1.2×9×32.5×14.5	1.2	9	32.5	14.5	46.98	47.29	2.56	10.15	Stainless
ESS 1.2×9×35×16.5	1.2	9	35	16.5	51.54	47.29	2.25	10.15	Stainless
ESS 1.2×9×37.5×18.5	1.2	9	37.5	18.5	56.1	47.29	2	10.15	Stainless
ESS 1.2×9×40×20.5	1.2	9	40	20.5	60.65	47.29	1.8	10.15	Stainless
ESS 1.2×9×42.5×23.5	1.2	9	42.5	23.5	65.21	47.29	1.64	10.15	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.2×9×45×25.5	1.2	9	45	25.5	69.76	47.29	1.5	10.15	Stainless
ESS 1.2×9×47.5×27.5	1.2	9	47.5	27.5	74.32	47.29	1.39	10.15	Stainless
ESS 1.2×9×50×29.5	1.2	9	50	29.5	78.87	47.29	1.29	10.15	Stainless
ESS 1.2×9×52.5×31.5	1.2	9	52.5	31.5	83.43	47.29	1.2	10.15	Stainless
ESS 1.2×9×55×33.5	1.2	9	55	33.5	87.98	47.29	1.13	10.15	Stainless
ESS 1.2×9×57.5×35.5	1.2	9	57.5	35.5	92.54	47.29	1.06	10.15	Stainless
ESS 1.2×9×60×37.5	1.2	9	60	37.5	97.09	47.29	1	10.15	Stainless
ESM 0.7×10×25×9.5	0.7	10	25	9.5	54.04	10.03	0.32	0.83	Carbon
ESM 0.7×10×27.5×13.5	0.7	10	27.5	13.5	67.19	10.03	0.23	0.83	Carbon
ESM 0.7×10×30×16.5	0.7	10	30	16.5	80.33	10.03	0.18	0.83	Carbon
ESM 0.7×10×32.5×20.5	0.7	10	32.5	20.5	93.47	10.03	0.15	0.83	Carbon
ESM 0.7×10×35×24.5	0.7	10	35	24.5	106.6	10.03	0.13	0.83	Carbon
ESM 0.7×10×37.5×27.5	0.7	10	37.5	27.5	119.8	10.03	0.11	0.83	Carbon
ESM 0.7×10×40×31.5	0.7	10	40	31.5	132.94	10.03	0.1	0.83	Carbon
ESM 0.7×10×42.5×34.5	0.7	10	42.5	34.5	146.11	10.03	0.09	0.83	Carbon
ESM 0.7×10×45×38.5	0.7	10	45	38.5	159.15	10.03	0.08	0.83	Carbon
ESM 0.7×10×47.5×41.5	0.7	10	47.5	41.5	172.34	10.03	0.07	0.83	Carbon
ESM 0.7×10×50×45.5	0.7	10	50	45.5	185.5	10.03	0.07	0.83	Carbon
ESS 0.7×10×25×9.5	0.7	10	25	9.5	54.41	8.59	0.26	0.83	Stainless
ESS 0.7×10×27.5×13.5	0.7	10	27.5	13.5	67.68	8.59	0.19	0.83	Stainless
ESS 0.7×10×30×16.5	0.7	10	30	16.5	80.98	8.59	0.15	0.83	Stainless
ESS 0.7×10×32.5×20.5	0.7	10	32.5	20.5	94.26	8.59	0.13	0.83	Stainless
ESS 0.7×10×35×24.5	0.7	10	35	24.5	107.56	8.59	0.11	0.83	Stainless
ESS 0.7×10×37.5×27.5	0.7	10	37.5	27.5	120.8	8.59	0.09	0.83	Stainless
ESS 0.7×10×40×31.5	0.7	10	40	31.5	134.11	8.59	0.08	0.83	Stainless
ESS 0.7×10×42.5×34.5	0.7	10	42.5	34.5	147.41	8.59	0.07	0.83	Stainless
ESS 0.7×10×45×38.5	0.7	10	45	38.5	160.7	8.59	0.07	0.83	Stainless
ESS 0.7×10×47.5×41.5	0.7	10	47.5	41.5	173.94	8.59	0.06	0.83	Stainless
ESS 0.7×10×50×45.5	0.7	10	50	45.5	187.17	8.59	0.06	0.83	Stainless
ESM 0.8×10×25×8.5	0.8	10	25	8.5	46.43	14.68	0.61	1.51	Carbon
ESM 0.8×10×27.5×11.5	0.8	10	27.5	11.5	56.5	14.68	0.45	1.51	Carbon
ESM 0.8×10×30×15.5	0.8	10	30	15.5	66.57	14.68	0.36	1.51	Carbon
ESM 0.8×10×32.5×18.5	0.8	10	32.5	18.5	76.63	14.68	0.3	1.51	Carbon
ESM 0.8×10×35×21.5	0.8	10	35	21.5	86.7	14.68	0.25	1.51	Carbon
ESM 0.8×10×37.5×24.5	0.8	10	37.5	24.5	96.78	14.68	0.22	1.51	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.8×10×40×27.5	0.8	10	40	27.5	106.83	14.68	0.2	1.51	Carbon
ESM 0.8×10×42.5×30.5	0.8	10	42.5	30.5	116.92	14.68	0.18	1.51	Carbon
ESM 0.8×10×45×33.5	0.8	10	45	33.5	126.97	14.68	0.16	1.51	Carbon
ESM 0.8×10×47.5×36.5	0.8	10	47.5	36.5	137.05	14.68	0.15	1.51	Carbon
ESM 0.8×10×50×40.5	0.8	10	50	40.5	147.14	14.68	0.14	1.51	Carbon
ESS 0.8×10×25×8.5	0.8	10	25	8.5	46.66	12.6	0.51	1.51	Stainless
ESS 0.8×10×27.5×11.5	0.8	10	27.5	11.5	56.81	12.6	0.38	1.51	Stainless
ESS 0.8×10×30×15.5	0.8	10	30	15.5	66.96	12.6	0.3	1.51	Stainless
ESS 0.8×10×32.5×18.5	0.8	10	32.5	18.5	77.11	12.6	0.25	1.51	Stainless
ESS 0.8×10×35×21.5	0.8	10	35	21.5	87.26	12.6	0.21	1.51	Stainless
ESS 0.8×10×37.5×24.5	0.8	10	37.5	24.5	97.41	12.6	0.19	1.51	Stainless
ESS 0.8×10×40×27.5	0.8	10	40	27.5	107.57	12.6	0.16	1.51	Stainless
ESS 0.8×10×42.5×30.5	0.8	10	42.5	30.5	117.72	12.6	0.15	1.51	Stainless
ESS 0.8×10×45×33.5	0.8	10	45	33.5	127.86	12.6	0.13	1.51	Stainless
ESS 0.8×10×47.5×36.5	0.8	10	47.5	36.5	138	12.6	0.12	1.51	Stainless
ESS 0.8×10×50×40.5	0.8	10	50	40.5	148.19	12.6	0.11	1.51	Stainless
ESM 0.9×10×25×8.5	0.9	10	25	8.5	41.28	20.48	1.1	2.51	Carbon
ESM 0.9×10×27.5×10.5	0.9	10	27.5	10.5	49.33	20.48	0.82	2.51	Carbon
ESM 0.9×10×30×13.5	0.9	10	30	13.5	57.37	20.48	0.66	2.51	Carbon
ESM 0.9×10×32.5×16.5	0.9	10	32.5	16.5	65.41	20.48	0.55	2.51	Carbon
ESM 0.9×10×35×19.5	0.9	10	35	19.5	73.46	20.48	0.47	2.51	Carbon
ESM 0.9×10×37.5×22.5	0.9	10	37.5	22.5	81.5	20.48	0.41	2.51	Carbon
ESM 0.9×10×40×24.5	0.9	10	40	24.5	89.55	20.48	0.36	2.51	Carbon
ESM 0.9×10×42.5×27.5	0.9	10	42.5	27.5	97.59	20.48	0.33	2.51	Carbon
ESM 0.9×10×45×30.5	0.9	10	45	30.5	105.63	20.48	0.3	2.51	Carbon
ESM 0.9×10×47.5×33.5	0.9	10	47.5	33.5	113.69	20.48	0.27	2.51	Carbon
ESM 0.9×10×50×35.5	0.9	10	50	35.5	121.74	20.48	0.25	2.51	Carbon
ESM 0.9×10×52.5×38.5	0.9	10	52.5	38.5	129.76	20.48	0.23	2.51	Carbon
ESM 0.9×10×55×41.5	0.9	10	55	41.5	137.82	20.48	0.22	2.51	Carbon
ESM 0.9×10×57.5×44.5	0.9	10	57.5	44.5	145.86	20.48	0.2	2.51	Carbon
ESM 0.9×10×60×47.5	0.9	10	60	47.5	153.89	20.48	0.19	2.51	Carbon
ESS 0.9×10×25×8.5	0.9	10	25	8.5	41.5	17.69	0.92	2.51	Stainless
ESS 0.9×10×27.5×10.5	0.9	10	27.5	10.5	49.62	17.69	0.69	2.51	Stainless
ESS 0.9×10×30×13.5	0.9	10	30	13.5	57.73	17.69	0.55	2.51	Stainless
ESS 0.9×10×32.5×16.5	0.9	10	32.5	16.5	65.85	17.69	0.46	2.51	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

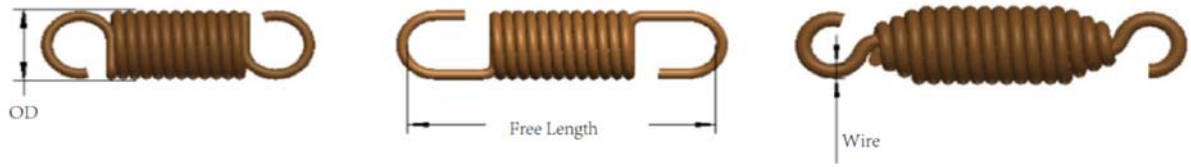






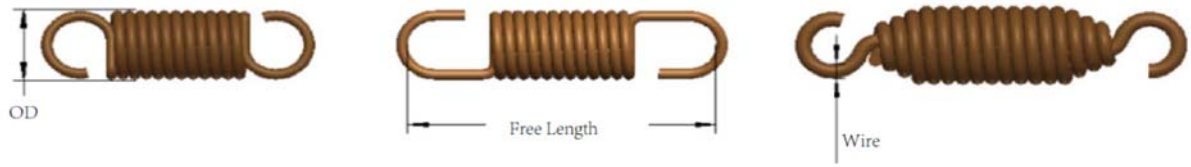
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.9×10×35×19.5	0.9	10	35	19.5	73.97	17.69	0.39	2.51	Stainless
ESS 0.9×10×37.5×22.5	0.9	10	37.5	22.5	82.09	17.69	0.34	2.51	Stainless
ESS 0.9×10×40×24.5	0.9	10	40	24.5	90.2	17.69	0.3	2.51	Stainless
ESS 0.9×10×42.5×27.5	0.9	10	42.5	27.5	98.33	17.69	0.27	2.51	Stainless
ESS 0.9×10×45×30.5	0.9	10	45	30.5	106.44	17.69	0.25	2.51	Stainless
ESS 0.9×10×47.5×33.5	0.9	10	47.5	33.5	114.56	17.69	0.23	2.51	Stainless
ESS 0.9×10×50×35.5	0.9	10	50	35.5	122.68	17.69	0.21	2.51	Stainless
ESS 0.9×10×52.5×38.5	0.9	10	52.5	38.5	130.8	17.69	0.19	2.51	Stainless
ESS 0.9×10×55×41.5	0.9	10	55	41.5	138.93	17.69	0.18	2.51	Stainless
ESS 0.9×10×57.5×44.5	0.9	10	57.5	44.5	147.03	17.69	0.17	2.51	Stainless
ESS 0.9×10×60×47.5	0.9	10	60	47.5	155.14	17.69	0.16	2.51	Stainless
ESM 1×10×25×7.5	1	10	25	7.5	37.83	27.87	1.87	3.91	Carbon
ESM 1×10×27.5×10.5	1	10	27.5	10.5	44.56	27.87	1.4	3.91	Carbon
ESM 1×10×30×12.5	1	10	30	12.5	51.28	27.87	1.13	3.91	Carbon
ESM 1×10×32.5×15.5	1	10	32.5	15.5	58	27.87	0.94	3.91	Carbon
ESM 1×10×35×17.5	1	10	35	17.5	64.72	27.87	0.81	3.91	Carbon
ESM 1×10×37.5×20.5	1	10	37.5	20.5	71.44	27.87	0.71	3.91	Carbon
ESM 1×10×40×22.5	1	10	40	22.5	78.17	27.87	0.63	3.91	Carbon
ESM 1×10×42.5×25.5	1	10	42.5	25.5	84.89	27.87	0.57	3.91	Carbon
ESM 1×10×45×27.5	1	10	45	27.5	91.61	27.87	0.51	3.91	Carbon
ESM 1×10×47.5×30.5	1	10	47.5	30.5	98.34	27.87	0.47	3.91	Carbon
ESM 1×10×50×32.5	1	10	50	32.5	105.05	27.87	0.44	3.91	Carbon
ESM 1×10×52.5×35.5	1	10	52.5	35.5	111.78	27.87	0.4	3.91	Carbon
ESM 1×10×55×37.5	1	10	55	37.5	118.5	27.87	0.38	3.91	Carbon
ESM 1×10×57.5×40.5	1	10	57.5	40.5	125.22	27.87	0.35	3.91	Carbon
ESM 1×10×60×42.5	1	10	60	42.5	131.93	27.87	0.33	3.91	Carbon
ESS 1×10×25×7.5	1	10	25	7.5	37.97	24.08	1.56	3.91	Stainless
ESS 1×10×27.5×10.5	1	10	27.5	10.5	44.73	24.08	1.17	3.91	Stainless
ESS 1×10×30×12.5	1	10	30	12.5	51.5	24.08	0.94	3.91	Stainless
ESS 1×10×32.5×15.5	1	10	32.5	15.5	58.26	24.08	0.78	3.91	Stainless
ESS 1×10×35×17.5	1	10	35	17.5	65.03	24.08	0.67	3.91	Stainless
ESS 1×10×37.5×20.5	1	10	37.5	20.5	71.79	24.08	0.59	3.91	Stainless
ESS 1×10×40×22.5	1	10	40	22.5	78.56	24.08	0.52	3.91	Stainless
ESS 1×10×42.5×25.5	1	10	42.5	25.5	85.32	24.08	0.47	3.91	Stainless
ESS 1×10×45×27.5	1	10	45	27.5	92.08	24.08	0.43	3.91	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



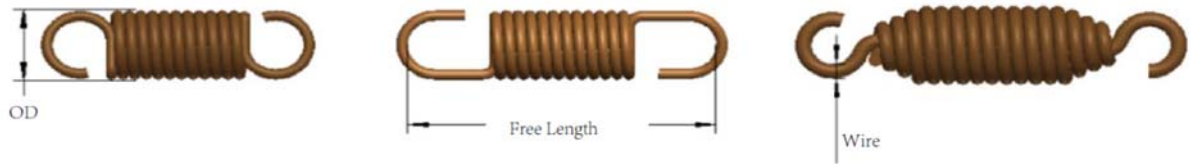
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1×10×47.5×30.5	1	10	47.5	30.5	98.85	24.08	0.39	3.91	Stainless
ESS 1×10×50×32.5	1	10	50	32.5	105.61	24.08	0.36	3.91	Stainless
ESS 1×10×52.5×35.5	1	10	52.5	35.5	112.37	24.08	0.34	3.91	Stainless
ESS 1×10×55×37.5	1	10	55	37.5	119.14	24.08	0.31	3.91	Stainless
ESS 1×10×57.5×40.5	1	10	57.5	40.5	125.91	24.08	0.29	3.91	Stainless
ESS 1×10×60×42.5	1	10	60	42.5	132.67	24.08	0.28	3.91	Stainless
ESM 1.1×10×27.5×9.5	1.1	10	27.5	9.5	41.3	37.27	2.28	5.8	Carbon
ESM 1.1×10×30×11.5	1.1	10	30	11.5	47.13	37.27	1.84	5.8	Carbon
ESM 1.1×10×32.5×13.5	1.1	10	32.5	13.5	52.96	37.27	1.54	5.8	Carbon
ESM 1.1×10×35×16.5	1.1	10	35	16.5	58.79	37.27	1.32	5.8	Carbon
ESM 1.1×10×37.5×18.5	1.1	10	37.5	18.5	64.62	37.27	1.16	5.8	Carbon
ESM 1.1×10×40×20.5	1.1	10	40	20.5	70.45	37.27	1.03	5.8	Carbon
ESM 1.1×10×42.5×23.5	1.1	10	42.5	23.5	76.28	37.27	0.93	5.8	Carbon
ESM 1.1×10×45×25.5	1.1	10	45	25.5	82.12	37.27	0.85	5.8	Carbon
ESM 1.1×10×47.5×27.5	1.1	10	47.5	27.5	87.94	37.27	0.78	5.8	Carbon
ESM 1.1×10×50×29.5	1.1	10	50	29.5	93.78	37.27	0.72	5.8	Carbon
ESM 1.1×10×52.5×32.5	1.1	10	52.5	32.5	99.6	37.27	0.67	5.8	Carbon
ESM 1.1×10×55×34.5	1.1	10	55	34.5	105.43	37.27	0.62	5.8	Carbon
ESM 1.1×10×57.5×36.5	1.1	10	57.5	36.5	111.27	37.27	0.59	5.8	Carbon
ESM 1.1×10×60×38.5	1.1	10	60	38.5	117.09	37.27	0.55	5.8	Carbon
ESS 1.1×10×27.5×9.5	1.1	10	27.5	9.5	41.38	32.17	1.9	5.8	Stainless
ESS 1.1×10×30×11.5	1.1	10	30	11.5	47.23	32.17	1.53	5.8	Stainless
ESS 1.1×10×32.5×13.5	1.1	10	32.5	13.5	53.08	32.17	1.28	5.8	Stainless
ESS 1.1×10×35×16.5	1.1	10	35	16.5	58.93	32.17	1.1	5.8	Stainless
ESS 1.1×10×37.5×18.5	1.1	10	37.5	18.5	64.77	32.17	0.97	5.8	Stainless
ESS 1.1×10×40×20.5	1.1	10	40	20.5	70.62	32.17	0.86	5.8	Stainless
ESS 1.1×10×42.5×23.5	1.1	10	42.5	23.5	76.47	32.17	0.78	5.8	Stainless
ESS 1.1×10×45×25.5	1.1	10	45	25.5	82.32	32.17	0.71	5.8	Stainless
ESS 1.1×10×47.5×27.5	1.1	10	47.5	27.5	88.17	32.17	0.65	5.8	Stainless
ESS 1.1×10×50×29.5	1.1	10	50	29.5	94.02	32.17	0.6	5.8	Stainless
ESS 1.1×10×52.5×32.5	1.1	10	52.5	32.5	99.87	32.17	0.56	5.8	Stainless
ESS 1.1×10×55×34.5	1.1	10	55	34.5	105.71	32.17	0.52	5.8	Stainless
ESS 1.1×10×57.5×36.5	1.1	10	57.5	36.5	111.56	32.17	0.49	5.8	Stainless
ESS 1.1×10×60×38.5	1.1	10	60	38.5	117.42	32.17	0.46	5.8	Stainless
ESM 1.2×10×27.5×8.5	1.2	10	27.5	8.5	38.81	48.45	3.56	8.24	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



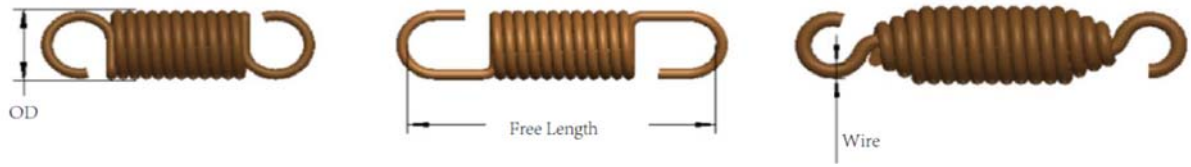
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.2×10×30×10.5	1.2	10	30	10.5	43.97	48.45	2.88	8.24	Carbon
ESM 1.2×10×32.5×13.5	1.2	10	32.5	13.5	49.14	48.45	2.42	8.24	Carbon
ESM 1.2×10×35×15.5	1.2	10	35	15.5	54.3	48.45	2.08	8.24	Carbon
ESM 1.2×10×37.5×17.5	1.2	10	37.5	17.5	59.46	48.45	1.83	8.24	Carbon
ESM 1.2×10×40×19.5	1.2	10	40	19.5	64.62	48.45	1.63	8.24	Carbon
ESM 1.2×10×42.5×21.5	1.2	10	42.5	21.5	69.79	48.45	1.47	8.24	Carbon
ESM 1.2×10×45×23.5	1.2	10	45	23.5	74.95	48.45	1.34	8.24	Carbon
ESM 1.2×10×47.5×25.5	1.2	10	47.5	25.5	80.11	48.45	1.23	8.24	Carbon
ESM 1.2×10×50×27.5	1.2	10	50	27.5	85.27	48.45	1.14	8.24	Carbon
ESM 1.2×10×52.5×29.5	1.2	10	52.5	29.5	90.44	48.45	1.06	8.24	Carbon
ESM 1.2×10×55×31.5	1.2	10	55	31.5	95.6	48.45	0.99	8.24	Carbon
ESM 1.2×10×57.5×33.5	1.2	10	57.5	33.5	100.76	48.45	0.93	8.24	Carbon
ESM 1.2×10×60×35.5	1.2	10	60	35.5	105.93	48.45	0.88	8.24	Carbon
ESM 1.2×10×62.5×38.5	1.2	10	62.5	38.5	111.09	48.45	0.83	8.24	Carbon
ESM 1.2×10×65×40.5	1.2	10	65	40.5	116.24	48.45	0.78	8.24	Carbon
ESM 1.2×10×67.5×42.5	1.2	10	67.5	42.5	121.41	48.45	0.75	8.24	Carbon
ESM 1.2×10×70×44.5	1.2	10	70	44.5	126.57	48.45	0.71	8.24	Carbon
ESM 1.2×10×72.5×46.5	1.2	10	72.5	46.5	131.74	48.45	0.68	8.24	Carbon
ESM 1.2×10×75×48.5	1.2	10	75	48.5	136.9	48.45	0.65	8.24	Carbon
ESS 1.2×10×27.5×8.5	1.2	10	27.5	8.5	38.87	41.92	2.96	8.24	Stainless
ESS 1.2×10×30×10.5	1.2	10	30	10.5	44.04	41.92	2.4	8.24	Stainless
ESS 1.2×10×32.5×13.5	1.2	10	32.5	13.5	49.22	41.92	2.01	8.24	Stainless
ESS 1.2×10×35×15.5	1.2	10	35	15.5	54.39	41.92	1.74	8.24	Stainless
ESS 1.2×10×37.5×17.5	1.2	10	37.5	17.5	59.57	41.92	1.53	8.24	Stainless
ESS 1.2×10×40×19.5	1.2	10	40	19.5	64.75	41.92	1.36	8.24	Stainless
ESS 1.2×10×42.5×21.5	1.2	10	42.5	21.5	69.92	41.92	1.23	8.24	Stainless
ESS 1.2×10×45×23.5	1.2	10	45	23.5	75.1	41.92	1.12	8.24	Stainless
ESS 1.2×10×47.5×25.5	1.2	10	47.5	25.5	80.27	41.92	1.03	8.24	Stainless
ESS 1.2×10×50×27.5	1.2	10	50	27.5	85.45	41.92	0.95	8.24	Stainless
ESS 1.2×10×52.5×29.5	1.2	10	52.5	29.5	90.63	41.92	0.88	8.24	Stainless
ESS 1.2×10×55×31.5	1.2	10	55	31.5	95.8	41.92	0.83	8.24	Stainless
ESS 1.2×10×57.5×33.5	1.2	10	57.5	33.5	100.98	41.92	0.77	8.24	Stainless
ESS 1.2×10×60×35.5	1.2	10	60	35.5	106.15	41.92	0.73	8.24	Stainless
ESS 1.2×10×62.5×38.5	1.2	10	62.5	38.5	111.33	41.92	0.69	8.24	Stainless
ESS 1.2×10×65×40.5	1.2	10	65	40.5	116.5	41.92	0.65	8.24	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



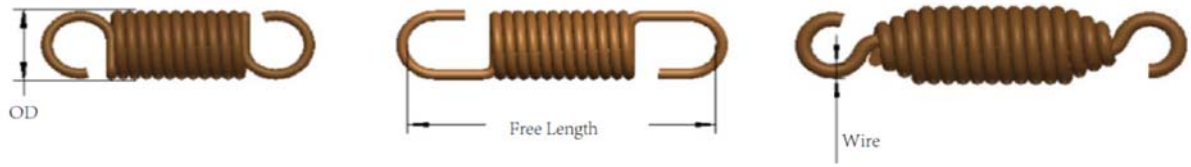
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.2×10×67.5×42.5	1.2	10	67.5	42.5	121.68	41.92	0.62	8.24	Stainless
ESS 1.2×10×70×44.5	1.2	10	70	44.5	126.86	41.92	0.59	8.24	Stainless
ESS 1.2×10×72.5×46.5	1.2	10	72.5	46.5	132.03	41.92	0.57	8.24	Stainless
ESS 1.2×10×75×48.5	1.2	10	75	48.5	137.2	41.92	0.54	8.24	Stainless
ESM 1.3×10×27.5×8.5	1.3	10	27.5	8.5	36.94	61.9	5.36	11.34	Carbon
ESM 1.3×10×30×10.5	1.3	10	30	10.5	41.6	61.9	4.36	11.34	Carbon
ESM 1.3×10×32.5×12.5	1.3	10	32.5	12.5	46.27	61.9	3.67	11.34	Carbon
ESM 1.3×10×35×14.5	1.3	10	35	14.5	50.94	61.9	3.17	11.34	Carbon
ESM 1.3×10×37.5×16.5	1.3	10	37.5	16.5	55.61	61.9	2.79	11.34	Carbon
ESM 1.3×10×40×17.5	1.3	10	40	17.5	60.28	61.9	2.49	11.34	Carbon
ESM 1.3×10×42.5×19.5	1.3	10	42.5	19.5	64.94	61.9	2.25	11.34	Carbon
ESM 1.3×10×45×21.5	1.3	10	45	21.5	69.61	61.9	2.05	11.34	Carbon
ESM 1.3×10×47.5×23.5	1.3	10	47.5	23.5	74.28	61.9	1.89	11.34	Carbon
ESM 1.3×10×50×25.5	1.3	10	50	25.5	78.95	61.9	1.75	11.34	Carbon
ESM 1.3×10×52.5×27.5	1.3	10	52.5	27.5	83.62	61.9	1.63	11.34	Carbon
ESM 1.3×10×55×29.5	1.3	10	55	29.5	88.29	61.9	1.52	11.34	Carbon
ESM 1.3×10×57.5×31.5	1.3	10	57.5	31.5	92.95	61.9	1.43	11.34	Carbon
ESM 1.3×10×60×33.5	1.3	10	60	33.5	97.62	61.9	1.34	11.34	Carbon
ESM 1.3×10×62.5×35.5	1.3	10	62.5	35.5	102.29	61.9	1.27	11.34	Carbon
ESM 1.3×10×65×37.5	1.3	10	65	37.5	106.96	61.9	1.21	11.34	Carbon
ESM 1.3×10×67.5×39.5	1.3	10	67.5	39.5	111.63	61.9	1.15	11.34	Carbon
ESM 1.3×10×70×41.5	1.3	10	70	41.5	116.29	61.9	1.09	11.34	Carbon
ESM 1.3×10×72.5×42.5	1.3	10	72.5	42.5	120.96	61.9	1.04	11.34	Carbon
ESM 1.3×10×75×44.5	1.3	10	75	44.5	125.63	61.9	1	11.34	Carbon
ESS 1.3×10×27.5×8.5	1.3	10	27.5	8.5	36.94	53.5	4.47	11.34	Stainless
ESS 1.3×10×30×10.5	1.3	10	30	10.5	41.61	53.5	3.63	11.34	Stainless
ESS 1.3×10×32.5×12.5	1.3	10	32.5	12.5	46.28	53.5	3.06	11.34	Stainless
ESS 1.3×10×35×14.5	1.3	10	35	14.5	50.95	53.5	2.64	11.34	Stainless
ESS 1.3×10×37.5×16.5	1.3	10	37.5	16.5	55.62	53.5	2.33	11.34	Stainless
ESS 1.3×10×40×17.5	1.3	10	40	17.5	60.29	53.5	2.08	11.34	Stainless
ESS 1.3×10×42.5×19.5	1.3	10	42.5	19.5	64.96	53.5	1.88	11.34	Stainless
ESS 1.3×10×45×21.5	1.3	10	45	21.5	69.63	53.5	1.71	11.34	Stainless
ESS 1.3×10×47.5×23.5	1.3	10	47.5	23.5	74.3	53.5	1.57	11.34	Stainless
ESS 1.3×10×50×25.5	1.3	10	50	25.5	78.97	53.5	1.46	11.34	Stainless
ESS 1.3×10×52.5×27.5	1.3	10	52.5	27.5	83.63	53.5	1.35	11.34	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



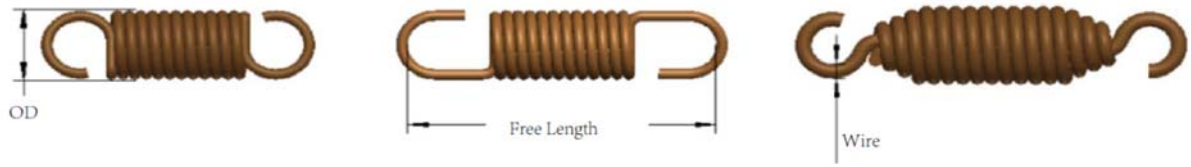
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×10×55×29.5	1.3	10	55	29.5	88.31	53.5	1.27	11.34	Stainless
ESS 1.3×10×57.5×31.5	1.3	10	57.5	31.5	92.97	53.5	1.19	11.34	Stainless
ESS 1.3×10×60×33.5	1.3	10	60	33.5	97.64	53.5	1.12	11.34	Stainless
ESS 1.3×10×62.5×35.5	1.3	10	62.5	35.5	102.31	53.5	1.06	11.34	Stainless
ESS 1.3×10×65×37.5	1.3	10	65	37.5	106.98	53.5	1	11.34	Stainless
ESS 1.3×10×67.5×39.5	1.3	10	67.5	39.5	111.65	53.5	0.95	11.34	Stainless
ESS 1.3×10×70×41.5	1.3	10	70	41.5	116.32	53.5	0.91	11.34	Stainless
ESS 1.3×10×72.5×42.5	1.3	10	72.5	42.5	120.99	53.5	0.87	11.34	Stainless
ESS 1.3×10×75×44.5	1.3	10	75	44.5	125.66	53.5	0.83	11.34	Stainless
ESM 1.4×10×27.5×7.5	1.4	10	27.5	7.5	35.47	77.69	7.85	15.17	Carbon
ESM 1.4×10×30×9.5	1.4	10	30	9.5	39.75	77.69	6.41	15.17	Carbon
ESM 1.4×10×32.5×11.5	1.4	10	32.5	11.5	44.04	77.69	5.42	15.17	Carbon
ESM 1.4×10×35×13.5	1.4	10	35	13.5	48.33	77.69	4.69	15.17	Carbon
ESM 1.4×10×37.5×15.5	1.4	10	37.5	15.5	52.62	77.69	4.14	15.17	Carbon
ESM 1.4×10×40×16.5	1.4	10	40	16.5	56.9	77.69	3.7	15.17	Carbon
ESM 1.4×10×42.5×18.5	1.4	10	42.5	18.5	61.19	77.69	3.34	15.17	Carbon
ESM 1.4×10×45×20.5	1.4	10	45	20.5	65.48	77.69	3.05	15.17	Carbon
ESM 1.4×10×47.5×22.5	1.4	10	47.5	22.5	69.77	77.69	2.81	15.17	Carbon
ESM 1.4×10×50×24.5	1.4	10	50	24.5	74.05	77.69	2.6	15.17	Carbon
ESM 1.4×10×52.5×25.5	1.4	10	52.5	25.5	78.34	77.69	2.42	15.17	Carbon
ESM 1.4×10×55×27.5	1.4	10	55	27.5	82.63	77.69	2.26	15.17	Carbon
ESM 1.4×10×57.5×29.5	1.4	10	57.5	29.5	86.92	77.69	2.13	15.17	Carbon
ESM 1.4×10×60×31.5	1.4	10	60	31.5	91.2	77.69	2	15.17	Carbon
ESM 1.4×10×62.5×32.5	1.4	10	62.5	32.5	95.49	77.69	1.9	15.17	Carbon
ESM 1.4×10×65×34.5	1.4	10	65	34.5	99.78	77.69	1.8	15.17	Carbon
ESM 1.4×10×67.5×36.5	1.4	10	67.5	36.5	104.07	77.69	1.71	15.17	Carbon
ESM 1.4×10×70×38.5	1.4	10	70	38.5	108.36	77.69	1.63	15.17	Carbon
ESM 1.4×10×72.5×40.5	1.4	10	72.5	40.5	112.64	77.69	1.56	15.17	Carbon
ESM 1.4×10×75×41.5	1.4	10	75	41.5	116.93	77.69	1.49	15.17	Carbon
ESS 1.4×10×27.5×7.5	1.4	10	27.5	7.5	35.44	67.08	6.54	15.17	Stainless
ESS 1.4×10×30×9.5	1.4	10	30	9.5	39.72	67.08	5.34	15.17	Stainless
ESS 1.4×10×32.5×11.5	1.4	10	32.5	11.5	44	67.08	4.51	15.17	Stainless
ESS 1.4×10×35×13.5	1.4	10	35	13.5	48.28	67.08	3.91	15.17	Stainless
ESS 1.4×10×37.5×15.5	1.4	10	37.5	15.5	52.56	67.08	3.45	15.17	Stainless
ESS 1.4×10×40×16.5	1.4	10	40	16.5	56.84	67.08	3.08	15.17	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×10×42.5×18.5	1.4	10	42.5	18.5	61.12	67.08	2.79	15.17	Stainless
ESS 1.4×10×45×20.5	1.4	10	45	20.5	65.4	67.08	2.54	15.17	Stainless
ESS 1.4×10×47.5×22.5	1.4	10	47.5	22.5	69.68	67.08	2.34	15.17	Stainless
ESS 1.4×10×50×24.5	1.4	10	50	24.5	73.96	67.08	2.17	15.17	Stainless
ESS 1.4×10×52.5×25.5	1.4	10	52.5	25.5	78.24	67.08	2.02	15.17	Stainless
ESS 1.4×10×55×27.5	1.4	10	55	27.5	82.52	67.08	1.89	15.17	Stainless
ESS 1.4×10×57.5×29.5	1.4	10	57.5	29.5	86.81	67.08	1.77	15.17	Stainless
ESS 1.4×10×60×31.5	1.4	10	60	31.5	91.09	67.08	1.67	15.17	Stainless
ESS 1.4×10×62.5×32.5	1.4	10	62.5	32.5	95.37	67.08	1.58	15.17	Stainless
ESS 1.4×10×65×34.5	1.4	10	65	34.5	99.65	67.08	1.5	15.17	Stainless
ESS 1.4×10×67.5×36.5	1.4	10	67.5	36.5	103.93	67.08	1.42	15.17	Stainless
ESS 1.4×10×70×38.5	1.4	10	70	38.5	108.21	67.08	1.36	15.17	Stainless
ESS 1.4×10×72.5×40.5	1.4	10	72.5	40.5	112.49	67.08	1.3	15.17	Stainless
ESS 1.4×10×75×41.5	1.4	10	75	41.5	116.77	67.08	1.24	15.17	Stainless
ESM 0.8×11×27.5×9.5	0.8	11	27.5	9.5	56.11	13.24	0.42	1.19	Carbon
ESM 0.8×11×30×12.5	0.8	11	30	12.5	68.03	13.24	0.32	1.19	Carbon
ESM 0.8×11×32.5×15.5	0.8	11	32.5	15.5	79.97	13.24	0.25	1.19	Carbon
ESM 0.8×11×35×18.5	0.8	11	35	18.5	91.91	13.24	0.21	1.19	Carbon
ESM 0.8×11×37.5×21.5	0.8	11	37.5	21.5	103.85	13.24	0.18	1.19	Carbon
ESM 0.8×11×40×25.5	0.8	11	40	25.5	115.78	13.24	0.16	1.19	Carbon
ESM 0.8×11×42.5×28.5	0.8	11	42.5	28.5	127.71	13.24	0.14	1.19	Carbon
ESM 0.8×11×45×31.5	0.8	11	45	31.5	139.65	13.24	0.13	1.19	Carbon
ESM 0.8×11×47.5×34.5	0.8	11	47.5	34.5	151.55	13.24	0.12	1.19	Carbon
ESM 0.8×11×50×37.5	0.8	11	50	37.5	163.56	13.24	0.11	1.19	Carbon
ESM 0.8×11×52.5×40.5	0.8	11	52.5	40.5	175.44	13.24	0.1	1.19	Carbon
ESM 0.8×11×55×43.5	0.8	11	55	43.5	187.4	13.24	0.09	1.19	Carbon
ESM 0.8×11×57.5×46.5	0.8	11	57.5	46.5	199.25	13.24	0.09	1.19	Carbon
ESM 0.8×11×60×50.5	0.8	11	60	50.5	211.17	13.24	0.08	1.19	Carbon
ESS 0.8×11×27.5×9.5	0.8	11	27.5	9.5	56.49	11.37	0.35	1.19	Stainless
ESS 0.8×11×30×12.5	0.8	11	30	12.5	68.54	11.37	0.26	1.19	Stainless
ESS 0.8×11×32.5×15.5	0.8	11	32.5	15.5	80.61	11.37	0.21	1.19	Stainless
ESS 0.8×11×35×18.5	0.8	11	35	18.5	92.68	11.37	0.18	1.19	Stainless
ESS 0.8×11×37.5×21.5	0.8	11	37.5	21.5	104.7	11.37	0.15	1.19	Stainless
ESS 0.8×11×40×25.5	0.8	11	40	25.5	116.79	11.37	0.13	1.19	Stainless
ESS 0.8×11×42.5×28.5	0.8	11	42.5	28.5	128.87	11.37	0.12	1.19	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.8×11×45×31.5	0.8	11	45	31.5	140.89	11.37	0.11	1.19	Stainless
ESS 0.8×11×47.5×34.5	0.8	11	47.5	34.5	152.93	11.37	0.1	1.19	Stainless
ESS 0.8×11×50×37.5	0.8	11	50	37.5	164.96	11.37	0.09	1.19	Stainless
ESS 0.8×11×52.5×40.5	0.8	11	52.5	40.5	177.03	11.37	0.08	1.19	Stainless
ESS 0.8×11×55×43.5	0.8	11	55	43.5	189.23	11.37	0.08	1.19	Stainless
ESS 0.8×11×57.5×46.5	0.8	11	57.5	46.5	201.21	11.37	0.07	1.19	Stainless
ESS 0.8×11×60×50.5	0.8	11	60	50.5	213.23	11.37	0.07	1.19	Stainless
ESM 0.9×11×30×11.5	0.9	11	30	11.5	58.68	18.45	0.57	2.01	Carbon
ESM 0.9×11×32.5×14.5	0.9	11	32.5	14.5	68.12	18.45	0.46	2.01	Carbon
ESM 0.9×11×35×17.5	0.9	11	35	17.5	77.56	18.45	0.39	2.01	Carbon
ESM 0.9×11×37.5×19.5	0.9	11	37.5	19.5	86.99	18.45	0.33	2.01	Carbon
ESM 0.9×11×40×22.5	0.9	11	40	22.5	96.42	18.45	0.29	2.01	Carbon
ESM 0.9×11×42.5×25.5	0.9	11	42.5	25.5	105.85	18.45	0.26	2.01	Carbon
ESM 0.9×11×45×28.5	0.9	11	45	28.5	115.29	18.45	0.23	2.01	Carbon
ESM 0.9×11×47.5×30.5	0.9	11	47.5	30.5	124.72	18.45	0.21	2.01	Carbon
ESM 0.9×11×50×33.5	0.9	11	50	33.5	134.18	18.45	0.2	2.01	Carbon
ESM 0.9×11×52.5×36.5	0.9	11	52.5	36.5	143.58	18.45	0.18	2.01	Carbon
ESM 0.9×11×55×39.5	0.9	11	55	39.5	153.04	18.45	0.17	2.01	Carbon
ESM 0.9×11×57.5×42.5	0.9	11	57.5	42.5	162.48	18.45	0.16	2.01	Carbon
ESM 0.9×11×60×44.5	0.9	11	60	44.5	171.92	18.45	0.15	2.01	Carbon
ESM 0.9×11×62.5×47.5	0.9	11	62.5	47.5	181.38	18.45	0.14	2.01	Carbon
ESM 0.9×11×65×50.5	0.9	11	65	50.5	190.79	18.45	0.13	2.01	Carbon
ESS 0.9×11×30×11.5	0.9	11	30	11.5	59.15	15.94	0.48	2.01	Stainless
ESS 0.9×11×32.5×14.5	0.9	11	32.5	14.5	68.7	15.94	0.38	2.01	Stainless
ESS 0.9×11×35×17.5	0.9	11	35	17.5	78.25	15.94	0.32	2.01	Stainless
ESS 0.9×11×37.5×19.5	0.9	11	37.5	19.5	87.79	15.94	0.28	2.01	Stainless
ESS 0.9×11×40×22.5	0.9	11	40	22.5	97.34	15.94	0.24	2.01	Stainless
ESS 0.9×11×42.5×25.5	0.9	11	42.5	25.5	106.89	15.94	0.22	2.01	Stainless
ESS 0.9×11×45×28.5	0.9	11	45	28.5	116.43	15.94	0.19	2.01	Stainless
ESS 0.9×11×47.5×30.5	0.9	11	47.5	30.5	125.97	15.94	0.18	2.01	Stainless
ESS 0.9×11×50×33.5	0.9	11	50	33.5	135.51	15.94	0.16	2.01	Stainless
ESS 0.9×11×52.5×36.5	0.9	11	52.5	36.5	145.06	15.94	0.15	2.01	Stainless
ESS 0.9×11×55×39.5	0.9	11	55	39.5	154.65	15.94	0.14	2.01	Stainless
ESS 0.9×11×57.5×42.5	0.9	11	57.5	42.5	164.18	15.94	0.13	2.01	Stainless
ESS 0.9×11×60×44.5	0.9	11	60	44.5	173.74	15.94	0.12	2.01	Stainless

M: Carbon Steel;
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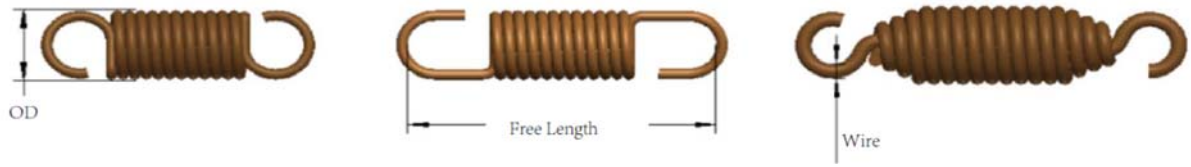
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.9×11×62.5×47.5	0.9	11	62.5	47.5	183.24	15.94	0.12	2.01	Stainless
ESS 0.9×11×65×50.5	0.9	11	65	50.5	192.84	15.94	0.11	2.01	Stainless
ESM 1×11×30×10.5	1	11	30	10.5	52.46	25.08	0.98	3.17	Carbon
ESM 1×11×32.5×13.5	1	11	32.5	13.5	60.25	25.08	0.79	3.17	Carbon
ESM 1×11×35×15.5	1	11	35	15.5	68.05	25.08	0.66	3.17	Carbon
ESM 1×11×37.5×18.5	1	11	37.5	18.5	75.85	25.08	0.57	3.17	Carbon
ESM 1×11×40×20.5	1	11	40	20.5	83.64	25.08	0.5	3.17	Carbon
ESM 1×11×42.5×23.5	1	11	42.5	23.5	91.45	25.08	0.45	3.17	Carbon
ESM 1×11×45×25.5	1	11	45	25.5	99.24	25.08	0.4	3.17	Carbon
ESM 1×11×47.5×28.5	1	11	47.5	28.5	107.04	25.08	0.37	3.17	Carbon
ESM 1×11×50×30.5	1	11	50	30.5	114.84	25.08	0.34	3.17	Carbon
ESM 1×11×52.5×33.5	1	11	52.5	33.5	122.63	25.08	0.31	3.17	Carbon
ESM 1×11×55×35.5	1	11	55	35.5	130.42	25.08	0.29	3.17	Carbon
ESM 1×11×57.5×38.5	1	11	57.5	38.5	138.23	25.08	0.27	3.17	Carbon
ESM 1×11×60×40.5	1	11	60	40.5	146.02	25.08	0.25	3.17	Carbon
ESM 1×11×62.5×43.5	1	11	62.5	43.5	153.83	25.08	0.24	3.17	Carbon
ESM 1×11×65×45.5	1	11	65	45.5	161.6	25.08	0.23	3.17	Carbon
ESM 1×11×67.5×48.5	1	11	67.5	48.5	169.4	25.08	0.22	3.17	Carbon
ESM 1×11×70×50.5	1	11	70	50.5	177.19	25.08	0.2	3.17	Carbon
ESS 1×11×30×10.5	1	11	30	10.5	52.76	21.67	0.81	3.17	Stainless
ESS 1×11×32.5×13.5	1	11	32.5	13.5	60.62	21.67	0.66	3.17	Stainless
ESS 1×11×35×15.5	1	11	35	15.5	68.49	21.67	0.55	3.17	Stainless
ESS 1×11×37.5×18.5	1	11	37.5	18.5	76.36	21.67	0.48	3.17	Stainless
ESS 1×11×40×20.5	1	11	40	20.5	84.23	21.67	0.42	3.17	Stainless
ESS 1×11×42.5×23.5	1	11	42.5	23.5	92.1	21.67	0.37	3.17	Stainless
ESS 1×11×45×25.5	1	11	45	25.5	99.96	21.67	0.34	3.17	Stainless
ESS 1×11×47.5×28.5	1	11	47.5	28.5	107.82	21.67	0.31	3.17	Stainless
ESS 1×11×50×30.5	1	11	50	30.5	115.7	21.67	0.28	3.17	Stainless
ESS 1×11×52.5×33.5	1	11	52.5	33.5	123.57	21.67	0.26	3.17	Stainless
ESS 1×11×55×35.5	1	11	55	35.5	131.41	21.67	0.24	3.17	Stainless
ESS 1×11×57.5×38.5	1	11	57.5	38.5	139.29	21.67	0.23	3.17	Stainless
ESS 1×11×60×40.5	1	11	60	40.5	147.18	21.67	0.21	3.17	Stainless
ESS 1×11×62.5×43.5	1	11	62.5	43.5	155.05	21.67	0.2	3.17	Stainless
ESS 1×11×65×45.5	1	11	65	45.5	162.88	21.67	0.19	3.17	Stainless
ESS 1×11×67.5×48.5	1	11	67.5	48.5	170.74	21.67	0.18	3.17	Stainless

M: Carbon Steel;
S: Stainless Steel
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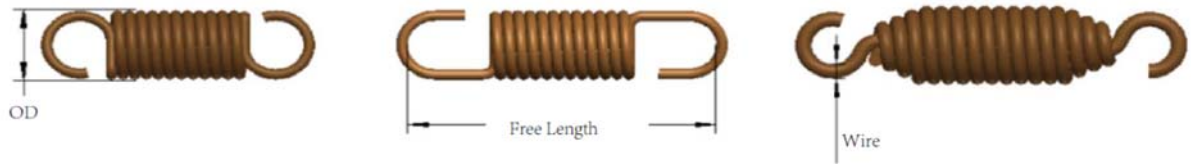
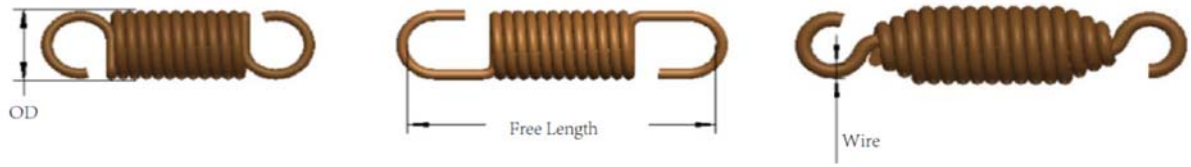
Max Length - Max Load



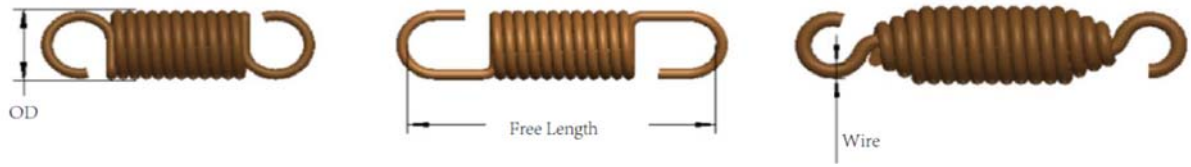
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1×11×70×50.5	1	11	70	50.5	178.63	21.67	0.17	3.17	Stainless
ESM 1.1×11×30×9.5	1.1	11	30	9.5	48.2	33.5	1.58	4.74	Carbon
ESM 1.1×11×32.5×12.5	1.1	11	32.5	12.5	54.89	33.5	1.28	4.74	Carbon
ESM 1.1×11×35×14.5	1.1	11	35	14.5	61.58	33.5	1.08	4.74	Carbon
ESM 1.1×11×37.5×16.5	1.1	11	37.5	16.5	68.27	33.5	0.93	4.74	Carbon
ESM 1.1×11×40×18.5	1.1	11	40	18.5	74.96	33.5	0.82	4.74	Carbon
ESM 1.1×11×42.5×21.5	1.1	11	42.5	21.5	81.65	33.5	0.73	4.74	Carbon
ESM 1.1×11×45×23.5	1.1	11	45	23.5	88.34	33.5	0.66	4.74	Carbon
ESM 1.1×11×47.5×25.5	1.1	11	47.5	25.5	95.03	33.5	0.61	4.74	Carbon
ESM 1.1×11×50×28.5	1.1	11	50	28.5	101.72	33.5	0.56	4.74	Carbon
ESM 1.1×11×52.5×30.5	1.1	11	52.5	30.5	108.41	33.5	0.51	4.74	Carbon
ESM 1.1×11×55×32.5	1.1	11	55	32.5	115.1	33.5	0.48	4.74	Carbon
ESM 1.1×11×57.5×34.5	1.1	11	57.5	34.5	121.8	33.5	0.45	4.74	Carbon
ESM 1.1×11×60×37.5	1.1	11	60	37.5	128.47	33.5	0.42	4.74	Carbon
ESM 1.1×11×62.5×39.5	1.1	11	62.5	39.5	135.18	33.5	0.4	4.74	Carbon
ESM 1.1×11×65×41.5	1.1	11	65	41.5	141.85	33.5	0.37	4.74	Carbon
ESM 1.1×11×67.5×43.5	1.1	11	67.5	43.5	148.55	33.5	0.35	4.74	Carbon
ESM 1.1×11×70×46.5	1.1	11	70	46.5	155.23	33.5	0.34	4.74	Carbon
ESM 1.1×11×72.5×48.5	1.1	11	72.5	48.5	161.92	33.5	0.32	4.74	Carbon
ESM 1.1×11×75×50.5	1.1	11	75	50.5	168.61	33.5	0.31	4.74	Carbon
ESM 1.1×11×77.5×53.5	1.1	11	77.5	53.5	175.31	33.5	0.29	4.74	Carbon
ESS 1.1×11×30×9.5	1.1	11	30	9.5	48.36	28.92	1.32	4.74	Stainless
ESS 1.1×11×32.5×12.5	1.1	11	32.5	12.5	55.09	28.92	1.07	4.74	Stainless
ESS 1.1×11×35×14.5	1.1	11	35	14.5	61.82	28.92	0.9	4.74	Stainless
ESS 1.1×11×37.5×16.5	1.1	11	37.5	16.5	68.54	28.92	0.78	4.74	Stainless
ESS 1.1×11×40×18.5	1.1	11	40	18.5	75.27	28.92	0.69	4.74	Stainless
ESS 1.1×11×42.5×21.5	1.1	11	42.5	21.5	81.99	28.92	0.61	4.74	Stainless
ESS 1.1×11×45×23.5	1.1	11	45	23.5	88.72	28.92	0.55	4.74	Stainless
ESS 1.1×11×47.5×25.5	1.1	11	47.5	25.5	95.45	28.92	0.5	4.74	Stainless
ESS 1.1×11×50×28.5	1.1	11	50	28.5	102.17	28.92	0.46	4.74	Stainless
ESS 1.1×11×52.5×30.5	1.1	11	52.5	30.5	108.91	28.92	0.43	4.74	Stainless
ESS 1.1×11×55×32.5	1.1	11	55	32.5	115.62	28.92	0.4	4.74	Stainless
ESS 1.1×11×57.5×34.5	1.1	11	57.5	34.5	122.35	28.92	0.37	4.74	Stainless
ESS 1.1×11×60×37.5	1.1	11	60	37.5	129.09	28.92	0.35	4.74	Stainless
ESS 1.1×11×62.5×39.5	1.1	11	62.5	39.5	135.8	28.92	0.33	4.74	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



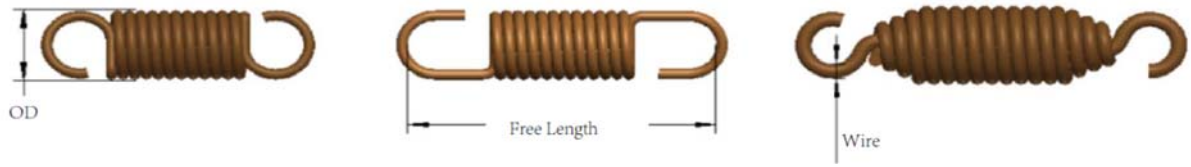
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.1×11×65×41.5	1.1	11	65	41.5	142.53	28.92	0.31	4.74	Stainless
ESS 1.1×11×67.5×43.5	1.1	11	67.5	43.5	149.25	28.92	0.3	4.74	Stainless
ESS 1.1×11×70×46.5	1.1	11	70	46.5	156	28.92	0.28	4.74	Stainless
ESM 1.2×11×30×9.5	1.2	11	30	9.5	44.94	43.51	2.46	6.78	Carbon
ESM 1.2×11×32.5×11.5	1.2	11	32.5	11.5	50.8	43.51	2.01	6.78	Carbon
ESM 1.2×11×35×13.5	1.2	11	35	13.5	56.66	43.51	1.7	6.78	Carbon
ESM 1.2×11×37.5×15.5	1.2	11	37.5	15.5	62.52	43.51	1.47	6.78	Carbon
ESM 1.2×11×40×17.5	1.2	11	40	17.5	68.38	43.51	1.29	6.78	Carbon
ESM 1.2×11×42.5×19.5	1.2	11	42.5	19.5	74.23	43.51	1.16	6.78	Carbon
ESM 1.2×11×45×21.5	1.2	11	45	21.5	80.09	43.51	1.05	6.78	Carbon
ESM 1.2×11×47.5×23.5	1.2	11	47.5	23.5	85.95	43.51	0.96	6.78	Carbon
ESM 1.2×11×50×25.5	1.2	11	50	25.5	91.81	43.51	0.88	6.78	Carbon
ESM 1.2×11×52.5×28.5	1.2	11	52.5	28.5	97.67	43.51	0.81	6.78	Carbon
ESM 1.2×11×55×30.5	1.2	11	55	30.5	103.53	43.51	0.76	6.78	Carbon
ESM 1.2×11×57.5×32.5	1.2	11	57.5	32.5	109.38	43.51	0.71	6.78	Carbon
ESM 1.2×11×60×34.5	1.2	11	60	34.5	115.25	43.51	0.66	6.78	Carbon
ESM 1.2×11×62.5×36.5	1.2	11	62.5	36.5	121.11	43.51	0.63	6.78	Carbon
ESM 1.2×11×65×38.5	1.2	11	65	38.5	126.96	43.51	0.59	6.78	Carbon
ESM 1.2×11×67.5×40.5	1.2	11	67.5	40.5	132.82	43.51	0.56	6.78	Carbon
ESM 1.2×11×70×42.5	1.2	11	70	42.5	138.68	43.51	0.53	6.78	Carbon
ESS 1.2×11×30×9.5	1.2	11	30	9.5	45.06	37.64	2.05	6.78	Stainless
ESS 1.2×11×32.5×11.5	1.2	11	32.5	11.5	50.95	37.64	1.67	6.78	Stainless
ESS 1.2×11×35×13.5	1.2	11	35	13.5	56.84	37.64	1.41	6.78	Stainless
ESS 1.2×11×37.5×15.5	1.2	11	37.5	15.5	62.72	37.64	1.22	6.78	Stainless
ESS 1.2×11×40×17.5	1.2	11	40	17.5	68.61	37.64	1.08	6.78	Stainless
ESS 1.2×11×42.5×19.5	1.2	11	42.5	19.5	74.5	37.64	0.96	6.78	Stainless
ESS 1.2×11×45×21.5	1.2	11	45	21.5	80.38	37.64	0.87	6.78	Stainless
ESS 1.2×11×47.5×23.5	1.2	11	47.5	23.5	86.27	37.64	0.8	6.78	Stainless
ESS 1.2×11×50×25.5	1.2	11	50	25.5	92.15	37.64	0.73	6.78	Stainless
ESS 1.2×11×52.5×28.5	1.2	11	52.5	28.5	98.04	37.64	0.68	6.78	Stainless
ESS 1.2×11×55×30.5	1.2	11	55	30.5	103.93	37.64	0.63	6.78	Stainless
ESS 1.2×11×57.5×32.5	1.2	11	57.5	32.5	109.82	37.64	0.59	6.78	Stainless
ESS 1.2×11×60×34.5	1.2	11	60	34.5	115.71	37.64	0.55	6.78	Stainless
ESS 1.2×11×62.5×36.5	1.2	11	62.5	36.5	121.59	37.64	0.52	6.78	Stainless
ESS 1.2×11×65×38.5	1.2	11	65	38.5	127.47	37.64	0.49	6.78	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.2×11×67.5×40.5	1.2	11	67.5	40.5	133.36	37.64	0.47	6.78	Stainless
ESS 1.2×11×70×42.5	1.2	11	70	42.5	139.24	37.64	0.45	6.78	Stainless
ESS 1.2×11×72.5×44.5	1.2	11	72.5	44.5	145.13	37.64	0.42	6.78	Stainless
ESS 1.2×11×75×46.5	1.2	11	75	46.5	151.01	37.64	0.41	6.78	Stainless
ESS 1.2×11×77.5×48.5	1.2	11	77.5	48.5	156.92	37.64	0.39	6.78	Stainless
ESM 1.3×11×30×8.5	1.3	11	30	8.5	42.48	55.52	3.7	9.38	Carbon
ESM 1.3×11×32.5×10.5	1.3	11	32.5	10.5	47.72	55.52	3.03	9.38	Carbon
ESM 1.3×11×35×12.5	1.3	11	35	12.5	52.97	55.52	2.57	9.38	Carbon
ESM 1.3×11×37.5×14.5	1.3	11	37.5	14.5	58.21	55.52	2.23	9.38	Carbon
ESM 1.3×11×40×16.5	1.3	11	40	16.5	63.45	55.52	1.97	9.38	Carbon
ESM 1.3×11×42.5×18.5	1.3	11	42.5	18.5	68.69	55.52	1.76	9.38	Carbon
ESM 1.3×11×45×20.5	1.3	11	45	20.5	73.93	55.52	1.59	9.38	Carbon
ESM 1.3×11×47.5×22.5	1.3	11	47.5	22.5	79.18	55.52	1.46	9.38	Carbon
ESM 1.3×11×50×24.5	1.3	11	50	24.5	84.42	55.52	1.34	9.38	Carbon
ESM 1.3×11×52.5×26.5	1.3	11	52.5	26.5	89.66	55.52	1.24	9.38	Carbon
ESM 1.3×11×55×27.5	1.3	11	55	27.5	94.91	55.52	1.16	9.38	Carbon
ESM 1.3×11×57.5×29.5	1.3	11	57.5	29.5	100.15	55.52	1.08	9.38	Carbon
ESM 1.3×11×60×31.5	1.3	11	60	31.5	105.39	55.52	1.02	9.38	Carbon
ESM 1.3×11×62.5×33.5	1.3	11	62.5	33.5	110.63	55.52	0.96	9.38	Carbon
ESM 1.3×11×65×35.5	1.3	11	65	35.5	115.87	55.52	0.91	9.38	Carbon
ESM 1.3×11×67.5×37.5	1.3	11	67.5	37.5	121.12	55.52	0.86	9.38	Carbon
ESM 1.3×11×70×39.5	1.3	11	70	39.5	126.36	55.52	0.82	9.38	Carbon
ESM 1.3×11×72.5×41.5	1.3	11	72.5	41.5	131.6	55.52	0.78	9.38	Carbon
ESM 1.3×11×75×43.5	1.3	11	75	43.5	136.84	55.52	0.75	9.38	Carbon
ESM 1.3×11×77.5×45.5	1.3	11	77.5	45.5	142.08	55.52	0.71	9.38	Carbon
ESS 1.3×11×30×8.5	1.3	11	30	8.5	42.53	47.98	3.08	9.38	Stainless
ESS 1.3×11×32.5×10.5	1.3	11	32.5	10.5	47.78	47.98	2.53	9.38	Stainless
ESS 1.3×11×35×12.5	1.3	11	35	12.5	53.04	47.98	2.14	9.38	Stainless
ESS 1.3×11×37.5×14.5	1.3	11	37.5	14.5	58.29	47.98	1.86	9.38	Stainless
ESS 1.3×11×40×16.5	1.3	11	40	16.5	63.54	47.98	1.64	9.38	Stainless
ESS 1.3×11×42.5×18.5	1.3	11	42.5	18.5	68.8	47.98	1.47	9.38	Stainless
ESS 1.3×11×45×20.5	1.3	11	45	20.5	74.05	47.98	1.33	9.38	Stainless
ESS 1.3×11×47.5×22.5	1.3	11	47.5	22.5	79.3	47.98	1.21	9.38	Stainless
ESS 1.3×11×50×24.5	1.3	11	50	24.5	84.56	47.98	1.12	9.38	Stainless
ESS 1.3×11×52.5×26.5	1.3	11	52.5	26.5	89.81	47.98	1.03	9.38	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×11×55×27.5	1.3	11	55	27.5	95.06	47.98	0.96	9.38	Stainless
ESS 1.3×11×57.5×29.5	1.3	11	57.5	29.5	100.32	47.98	0.9	9.38	Stainless
ESS 1.3×11×60×31.5	1.3	11	60	31.5	105.57	47.98	0.85	9.38	Stainless
ESS 1.3×11×62.5×33.5	1.3	11	62.5	33.5	110.82	47.98	0.8	9.38	Stainless
ESS 1.3×11×65×35.5	1.3	11	65	35.5	116.08	47.98	0.76	9.38	Stainless
ESS 1.3×11×67.5×37.5	1.3	11	67.5	37.5	121.33	47.98	0.72	9.38	Stainless
ESS 1.3×11×70×39.5	1.3	11	70	39.5	126.58	47.98	0.68	9.38	Stainless
ESS 1.3×11×72.5×41.5	1.3	11	72.5	41.5	131.84	47.98	0.65	9.38	Stainless
ESS 1.3×11×75×43.5	1.3	11	75	43.5	137.09	47.98	0.62	9.38	Stainless
ESS 1.3×11×77.5×45.5	1.3	11	77.5	45.5	142.34	47.98	0.6	9.38	Stainless
ESM 1.4×11×30×8.5	1.4	11	30	8.5	40.55	69.6	5.4	12.61	Carbon
ESM 1.4×11×32.5×10.5	1.4	11	32.5	10.5	45.32	69.6	4.45	12.61	Carbon
ESM 1.4×11×35×11.5	1.4	11	35	11.5	50.09	69.6	3.78	12.61	Carbon
ESM 1.4×11×37.5×13.5	1.4	11	37.5	13.5	54.85	69.6	3.28	12.61	Carbon
ESM 1.4×11×40×15.5	1.4	11	40	15.5	59.62	69.6	2.9	12.61	Carbon
ESM 1.4×11×42.5×17.5	1.4	11	42.5	17.5	64.39	69.6	2.6	12.61	Carbon
ESM 1.4×11×45×19.5	1.4	11	45	19.5	69.15	69.6	2.36	12.61	Carbon
ESM 1.4×11×47.5×20.5	1.4	11	47.5	20.5	73.92	69.6	2.16	12.61	Carbon
ESM 1.4×11×50×22.5	1.4	11	50	22.5	78.69	69.6	1.99	12.61	Carbon
ESM 1.4×11×52.5×24.5	1.4	11	52.5	24.5	83.45	69.6	1.84	12.61	Carbon
ESM 1.4×11×55×26.5	1.4	11	55	26.5	88.22	69.6	1.72	12.61	Carbon
ESM 1.4×11×57.5×27.5	1.4	11	57.5	27.5	92.99	69.6	1.61	12.61	Carbon
ESM 1.4×11×60×29.5	1.4	11	60	29.5	97.75	69.6	1.51	12.61	Carbon
ESM 1.4×11×62.5×31.5	1.4	11	62.5	31.5	102.52	69.6	1.42	12.61	Carbon
ESM 1.4×11×65×33.5	1.4	11	65	33.5	107.28	69.6	1.35	12.61	Carbon
ESM 1.4×11×67.5×35.5	1.4	11	67.5	35.5	112.05	69.6	1.28	12.61	Carbon
ESM 1.4×11×70×36.5	1.4	11	70	36.5	116.82	69.6	1.22	12.61	Carbon
ESM 1.4×11×72.5×38.5	1.4	11	72.5	38.5	121.58	69.6	1.16	12.61	Carbon
ESM 1.4×11×75×40.5	1.4	11	75	40.5	126.35	69.6	1.11	12.61	Carbon
ESM 1.4×11×77.5×42.5	1.4	11	77.5	42.5	131.12	69.6	1.06	12.61	Carbon
ESS 1.4×11×30×8.5	1.4	11	30	8.5	40.55	60.09	4.5	12.61	Stainless
ESS 1.4×11×32.5×10.5	1.4	11	32.5	10.5	45.32	60.09	3.7	12.61	Stainless
ESS 1.4×11×35×11.5	1.4	11	35	11.5	50.08	60.09	3.15	12.61	Stainless
ESS 1.4×11×37.5×13.5	1.4	11	37.5	13.5	54.85	60.09	2.74	12.61	Stainless
ESS 1.4×11×40×15.5	1.4	11	40	15.5	59.61	60.09	2.42	12.61	Stainless

M: Carbon Steel;
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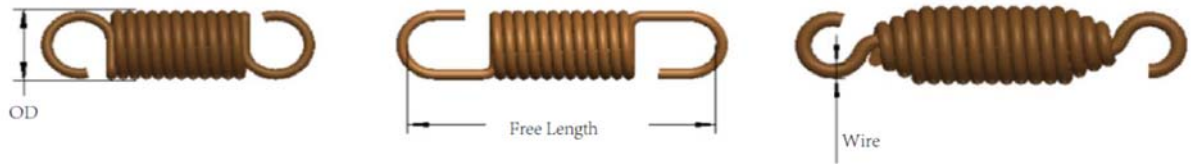
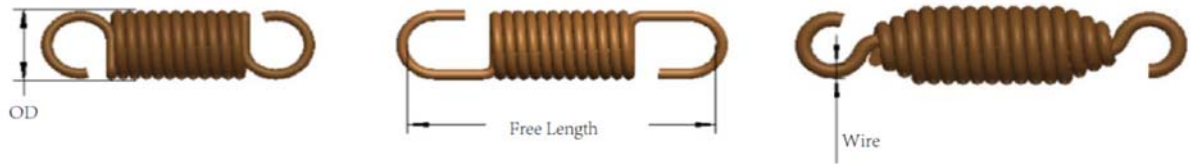
OD:Outer Diameter
Max Length - Max Load



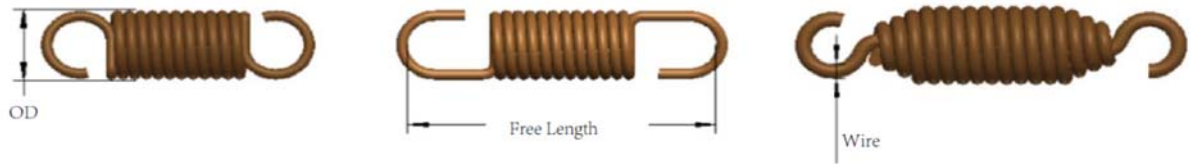
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×11×42.5×17.5	1.4	11	42.5	17.5	64.38	60.09	2.17	12.61	Stainless
ESS 1.4×11×45×19.5	1.4	11	45	19.5	69.15	60.09	1.97	12.61	Stainless
ESS 1.4×11×47.5×20.5	1.4	11	47.5	20.5	73.91	60.09	1.8	12.61	Stainless
ESS 1.4×11×50×22.5	1.4	11	50	22.5	78.68	60.09	1.66	12.61	Stainless
ESS 1.4×11×52.5×24.5	1.4	11	52.5	24.5	83.44	60.09	1.53	12.61	Stainless
ESS 1.4×11×55×26.5	1.4	11	55	26.5	88.21	60.09	1.43	12.61	Stainless
ESS 1.4×11×57.5×27.5	1.4	11	57.5	27.5	92.98	60.09	1.34	12.61	Stainless
ESS 1.4×11×60×29.5	1.4	11	60	29.5	97.74	60.09	1.26	12.61	Stainless
ESS 1.4×11×62.5×31.5	1.4	11	62.5	31.5	102.51	60.09	1.19	12.61	Stainless
ESS 1.4×11×65×33.5	1.4	11	65	33.5	107.27	60.09	1.12	12.61	Stainless
ESS 1.4×11×67.5×35.5	1.4	11	67.5	35.5	112.04	60.09	1.07	12.61	Stainless
ESS 1.4×11×70×36.5	1.4	11	70	36.5	116.8	60.09	1.01	12.61	Stainless
ESS 1.4×11×72.5×38.5	1.4	11	72.5	38.5	121.57	60.09	0.97	12.61	Stainless
ESS 1.4×11×75×40.5	1.4	11	75	40.5	126.34	60.09	0.92	12.61	Stainless
ESS 1.4×11×77.5×42.5	1.4	11	77.5	42.5	131.11	60.09	0.89	12.61	Stainless
ESM 1.5×11×32.5×9.5	1.5	11	32.5	9.5	43.36	85.64	6.36	16.56	Carbon
ESM 1.5×11×35×11.5	1.5	11	35	11.5	47.75	85.64	5.42	16.56	Carbon
ESM 1.5×11×37.5×12.5	1.5	11	37.5	12.5	52.13	85.64	4.72	16.56	Carbon
ESM 1.5×11×40×14.5	1.5	11	40	14.5	56.52	85.64	4.18	16.56	Carbon
ESM 1.5×11×42.5×16.5	1.5	11	42.5	16.5	60.9	85.64	3.75	16.56	Carbon
ESM 1.5×11×45×17.5	1.5	11	45	17.5	65.29	85.64	3.4	16.56	Carbon
ESM 1.5×11×47.5×19.5	1.5	11	47.5	19.5	69.68	85.64	3.12	16.56	Carbon
ESM 1.5×11×50×21.5	1.5	11	50	21.5	74.06	85.64	2.87	16.56	Carbon
ESM 1.5×11×52.5×22.5	1.5	11	52.5	22.5	78.45	85.64	2.66	16.56	Carbon
ESM 1.5×11×55×24.5	1.5	11	55	24.5	82.83	85.64	2.48	16.56	Carbon
ESM 1.5×11×57.5×26.5	1.5	11	57.5	26.5	87.22	85.64	2.32	16.56	Carbon
ESM 1.5×11×60×27.5	1.5	11	60	27.5	91.61	85.64	2.19	16.56	Carbon
ESM 1.5×11×62.5×29.5	1.5	11	62.5	29.5	95.99	85.64	2.06	16.56	Carbon
ESM 1.5×11×65×31.5	1.5	11	65	31.5	100.38	85.64	1.95	16.56	Carbon
ESM 1.5×11×67.5×32.5	1.5	11	67.5	32.5	104.76	85.64	1.85	16.56	Carbon
ESM 1.5×11×70×34.5	1.5	11	70	34.5	109.15	85.64	1.76	16.56	Carbon
ESM 1.5×11×72.5×36.5	1.5	11	72.5	36.5	113.53	85.64	1.68	16.56	Carbon
ESM 1.5×11×75×37.5	1.5	11	75	37.5	117.92	85.64	1.61	16.56	Carbon
ESM 1.5×11×77.5×39.5	1.5	11	77.5	39.5	122.3	85.64	1.54	16.56	Carbon
ESM 1.5×11×80×41.5	1.5	11	80	41.5	126.69	85.64	1.48	16.56	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



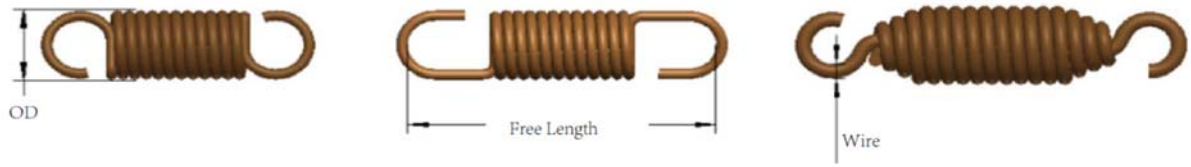
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×11×32.5×9.5	1.5	11	32.5	9.5	43.36	74.11	5.3	16.56	Stainless
ESS 1.5×11×35×11.5	1.5	11	35	11.5	47.74	74.11	4.52	16.56	Stainless
ESS 1.5×11×37.5×12.5	1.5	11	37.5	12.5	52.13	74.11	3.93	16.56	Stainless
ESS 1.5×11×40×14.5	1.5	11	40	14.5	56.51	74.11	3.49	16.56	Stainless
ESS 1.5×11×42.5×16.5	1.5	11	42.5	16.5	60.9	74.11	3.13	16.56	Stainless
ESS 1.5×11×45×17.5	1.5	11	45	17.5	65.28	74.11	2.84	16.56	Stainless
ESS 1.5×11×47.5×19.5	1.5	11	47.5	19.5	69.67	74.11	2.6	16.56	Stainless
ESS 1.5×11×50×21.5	1.5	11	50	21.5	74.05	74.11	2.39	16.56	Stainless
ESS 1.5×11×52.5×22.5	1.5	11	52.5	22.5	78.44	74.11	2.22	16.56	Stainless
ESS 1.5×11×55×24.5	1.5	11	55	24.5	82.82	74.11	2.07	16.56	Stainless
ESS 1.5×11×57.5×26.5	1.5	11	57.5	26.5	87.21	74.11	1.94	16.56	Stainless
ESS 1.5×11×60×27.5	1.5	11	60	27.5	91.59	74.11	1.82	16.56	Stainless
ESS 1.5×11×62.5×29.5	1.5	11	62.5	29.5	95.98	74.11	1.72	16.56	Stainless
ESS 1.5×11×65×31.5	1.5	11	65	31.5	100.36	74.11	1.63	16.56	Stainless
ESS 1.5×11×67.5×32.5	1.5	11	67.5	32.5	104.75	74.11	1.55	16.56	Stainless
ESS 1.5×11×70×34.5	1.5	11	70	34.5	109.13	74.11	1.47	16.56	Stainless
ESS 1.5×11×72.5×36.5	1.5	11	72.5	36.5	113.52	74.11	1.4	16.56	Stainless
ESS 1.5×11×75×37.5	1.5	11	75	37.5	117.91	74.11	1.34	16.56	Stainless
ESS 1.5×11×77.5×39.5	1.5	11	77.5	39.5	122.29	74.11	1.28	16.56	Stainless
ESS 1.5×11×80×41.5	1.5	11	80	41.5	126.67	74.11	1.23	16.56	Stainless
ESM 0.8×12×32.5×13.5	0.8	12	32.5	13.5	81.21	12.06	0.23	0.95	Carbon
ESM 0.8×12×35×16.5	0.8	12	35	16.5	95.23	12.06	0.18	0.95	Carbon
ESM 0.8×12×37.5×19.5	0.8	12	37.5	19.5	109.25	12.06	0.15	0.95	Carbon
ESM 0.8×12×40×22.5	0.8	12	40	22.5	123.26	12.06	0.13	0.95	Carbon
ESM 0.8×12×42.5×25.5	0.8	12	42.5	25.5	137.26	12.06	0.12	0.95	Carbon
ESM 0.8×12×45×28.5	0.8	12	45	28.5	151.28	12.06	0.1	0.95	Carbon
ESM 0.8×12×47.5×31.5	0.8	12	47.5	31.5	165.28	12.06	0.09	0.95	Carbon
ESM 0.8×12×50×35.5	0.8	12	50	35.5	179.29	12.06	0.09	0.95	Carbon
ESM 0.8×12×52.5×38.5	0.8	12	52.5	38.5	193.26	12.06	0.08	0.95	Carbon
ESM 0.8×12×55×41.5	0.8	12	55	41.5	207.35	12.06	0.07	0.95	Carbon
ESM 0.8×12×57.5×44.5	0.8	12	57.5	44.5	221.31	12.06	0.07	0.95	Carbon
ESM 0.8×12×60×47.5	0.8	12	60	47.5	235.45	12.06	0.06	0.95	Carbon
ESS 0.8×12×32.5×13.5	0.8	12	32.5	13.5	81.97	10.35	0.19	0.95	Stainless
ESS 0.8×12×35×16.5	0.8	12	35	16.5	96.15	10.35	0.15	0.95	Stainless
ESS 0.8×12×37.5×19.5	0.8	12	37.5	19.5	110.36	10.35	0.13	0.95	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



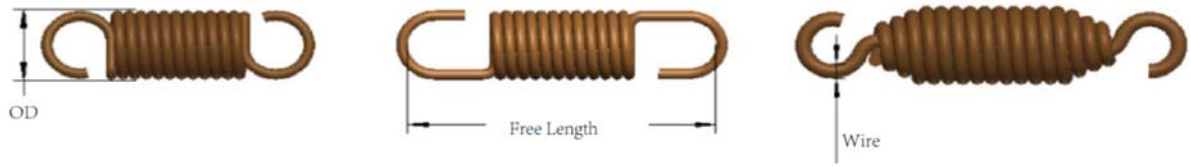
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.8×12×40×22.5	0.8	12	40	22.5	124.53	10.35	0.11	0.95	Stainless
ESS 0.8×12×42.5×25.5	0.8	12	42.5	25.5	138.71	10.35	0.1	0.95	Stainless
ESS 0.8×12×45×28.5	0.8	12	45	28.5	152.92	10.35	0.09	0.95	Stainless
ESS 0.8×12×47.5×31.5	0.8	12	47.5	31.5	167.09	10.35	0.08	0.95	Stainless
ESS 0.8×12×50×35.5	0.8	12	50	35.5	181.28	10.35	0.07	0.95	Stainless
ESS 0.8×12×52.5×38.5	0.8	12	52.5	38.5	195.57	10.35	0.07	0.95	Stainless
ESS 0.8×12×55×41.5	0.8	12	55	41.5	209.6	10.35	0.06	0.95	Stainless
ESS 0.8×12×57.5×44.5	0.8	12	57.5	44.5	223.86	10.35	0.06	0.95	Stainless
ESS 0.8×12×60×47.5	0.8	12	60	47.5	238.02	10.35	0.05	0.95	Stainless
ESM 0.9×12×32.5×12.5	0.9	12	32.5	12.5	69.31	16.79	0.41	1.63	Carbon
ESM 0.9×12×35×14.5	0.9	12	35	14.5	80.3	16.79	0.33	1.63	Carbon
ESM 0.9×12×37.5×17.5	0.9	12	37.5	17.5	91.28	16.79	0.28	1.63	Carbon
ESM 0.9×12×40×20.5	0.9	12	40	20.5	102.29	16.79	0.24	1.63	Carbon
ESM 0.9×12×42.5×23.5	0.9	12	42.5	23.5	113.28	16.79	0.21	1.63	Carbon
ESM 0.9×12×45×25.5	0.9	12	45	25.5	124.26	16.79	0.19	1.63	Carbon
ESM 0.9×12×47.5×28.5	0.9	12	47.5	28.5	135.24	16.79	0.17	1.63	Carbon
ESM 0.9×12×50×31.5	0.9	12	50	31.5	146.27	16.79	0.16	1.63	Carbon
ESM 0.9×12×52.5×34.5	0.9	12	52.5	34.5	157.21	16.79	0.14	1.63	Carbon
ESM 0.9×12×55×37.5	0.9	12	55	37.5	168.23	16.79	0.13	1.63	Carbon
ESM 0.9×12×57.5×39.5	0.9	12	57.5	39.5	179.18	16.79	0.12	1.63	Carbon
ESM 0.9×12×60×42.5	0.9	12	60	42.5	190.26	16.79	0.12	1.63	Carbon
ESM 0.9×12×62.5×45.5	0.9	12	62.5	45.5	201.22	16.79	0.11	1.63	Carbon
ESM 0.9×12×65×48.5	0.9	12	65	48.5	212.2	16.79	0.1	1.63	Carbon
ESS 0.9×12×32.5×12.5	0.9	12	32.5	12.5	70	14.5	0.34	1.63	Stainless
ESS 0.9×12×35×14.5	0.9	12	35	14.5	81.14	14.5	0.28	1.63	Stainless
ESS 0.9×12×37.5×17.5	0.9	12	37.5	17.5	92.29	14.5	0.23	1.63	Stainless
ESS 0.9×12×40×20.5	0.9	12	40	20.5	103.43	14.5	0.2	1.63	Stainless
ESS 0.9×12×42.5×23.5	0.9	12	42.5	23.5	114.6	14.5	0.18	1.63	Stainless
ESS 0.9×12×45×25.5	0.9	12	45	25.5	125.74	14.5	0.16	1.63	Stainless
ESS 0.9×12×47.5×28.5	0.9	12	47.5	28.5	136.87	14.5	0.14	1.63	Stainless
ESS 0.9×12×50×31.5	0.9	12	50	31.5	148.02	14.5	0.13	1.63	Stainless
ESS 0.9×12×52.5×34.5	0.9	12	52.5	34.5	159.21	14.5	0.12	1.63	Stainless
ESS 0.9×12×55×37.5	0.9	12	55	37.5	170.32	14.5	0.11	1.63	Stainless
ESS 0.9×12×57.5×39.5	0.9	12	57.5	39.5	181.49	14.5	0.1	1.63	Stainless
ESS 0.9×12×60×42.5	0.9	12	60	42.5	192.68	14.5	0.1	1.63	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



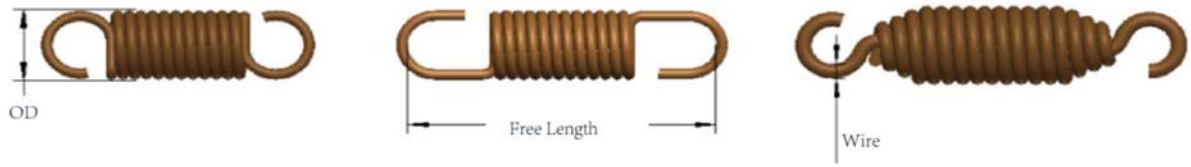
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 0.9×12×62.5×45.5	0.9	12	62.5	45.5	203.77	14.5	0.09	1.63	Stainless
ESS 0.9×12×65×48.5	0.9	12	65	48.5	215	14.5	0.09	1.63	Stainless
ESM 1×12×32.5×11.5	1	12	32.5	11.5	61.37	22.8	0.7	2.6	Carbon
ESM 1×12×35×13.5	1	12	35	13.5	70.37	22.8	0.57	2.6	Carbon
ESM 1×12×37.5×16.5	1	12	37.5	16.5	79.38	22.8	0.48	2.6	Carbon
ESM 1×12×40×18.5	1	12	40	18.5	88.37	22.8	0.42	2.6	Carbon
ESM 1×12×42.5×21.5	1	12	42.5	21.5	97.37	22.8	0.37	2.6	Carbon
ESM 1×12×45×23.5	1	12	45	23.5	106.38	22.8	0.33	2.6	Carbon
ESM 1×12×47.5×26.5	1	12	47.5	26.5	115.37	22.8	0.3	2.6	Carbon
ESM 1×12×50×28.5	1	12	50	28.5	124.39	22.8	0.27	2.6	Carbon
ESM 1×12×52.5×31.5	1	12	52.5	31.5	133.38	22.8	0.25	2.6	Carbon
ESM 1×12×55×33.5	1	12	55	33.5	142.39	22.8	0.23	2.6	Carbon
ESM 1×12×57.5×36.5	1	12	57.5	36.5	151.39	22.8	0.22	2.6	Carbon
ESM 1×12×60×38.5	1	12	60	38.5	160.37	22.8	0.2	2.6	Carbon
ESM 1×12×62.5×41.5	1	12	62.5	41.5	169.4	22.8	0.19	2.6	Carbon
ESM 1×12×65×43.5	1	12	65	43.5	178.38	22.8	0.18	2.6	Carbon
ESM 1×12×67.5×46.5	1	12	67.5	46.5	187.41	22.8	0.17	2.6	Carbon
ESM 1×12×70×48.5	1	12	70	48.5	196.36	22.8	0.16	2.6	Carbon
ESS 1×12×32.5×11.5	1	12	32.5	11.5	61.83	19.7	0.58	2.6	Stainless
ESS 1×12×35×13.5	1	12	35	13.5	70.94	19.7	0.48	2.6	Stainless
ESS 1×12×37.5×16.5	1	12	37.5	16.5	80.04	19.7	0.4	2.6	Stainless
ESS 1×12×40×18.5	1	12	40	18.5	89.14	19.7	0.35	2.6	Stainless
ESS 1×12×42.5×21.5	1	12	42.5	21.5	98.26	19.7	0.31	2.6	Stainless
ESS 1×12×45×23.5	1	12	45	23.5	107.36	19.7	0.27	2.6	Stainless
ESS 1×12×47.5×26.5	1	12	47.5	26.5	116.45	19.7	0.25	2.6	Stainless
ESS 1×12×50×28.5	1	12	50	28.5	125.56	19.7	0.23	2.6	Stainless
ESS 1×12×52.5×31.5	1	12	52.5	31.5	134.66	19.7	0.21	2.6	Stainless
ESS 1×12×55×33.5	1	12	55	33.5	143.77	19.7	0.19	2.6	Stainless
ESS 1×12×57.5×36.5	1	12	57.5	36.5	152.9	19.7	0.18	2.6	Stainless
ESS 1×12×60×38.5	1	12	60	38.5	162	19.7	0.17	2.6	Stainless
ESS 1×12×62.5×41.5	1	12	62.5	41.5	171.11	19.7	0.16	2.6	Stainless
ESS 1×12×65×43.5	1	12	65	43.5	180.19	19.7	0.15	2.6	Stainless
ESS 1×12×67.5×46.5	1	12	67.5	46.5	189.34	19.7	0.14	2.6	Stainless
ESS 1×12×70×48.5	1	12	70	48.5	198.42	19.7	0.13	2.6	Stainless
ESM 1.1×12×32.5×10.5	1.1	12	32.5	10.5	55.93	30.43	1.13	3.91	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



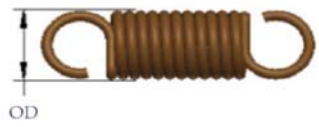
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.1×12×35×12.5	1.1	12	35	12.5	63.58	30.43	0.93	3.91	Carbon
ESM 1.1×12×37.5×14.5	1.1	12	37.5	14.5	71.24	30.43	0.79	3.91	Carbon
ESM 1.1×12×40×17.5	1.1	12	40	17.5	78.89	30.43	0.68	3.91	Carbon
ESM 1.1×12×42.5×19.5	1.1	12	42.5	19.5	86.55	30.43	0.6	3.91	Carbon
ESM 1.1×12×45×21.5	1.1	12	45	21.5	94.2	30.43	0.54	3.91	Carbon
ESM 1.1×12×47.5×23.5	1.1	12	47.5	23.5	101.86	30.43	0.49	3.91	Carbon
ESM 1.1×12×50×26.5	1.1	12	50	26.5	109.51	30.43	0.45	3.91	Carbon
ESM 1.1×12×52.5×28.5	1.1	12	52.5	28.5	117.16	30.43	0.41	3.91	Carbon
ESM 1.1×12×55×30.5	1.1	12	55	30.5	124.82	30.43	0.38	3.91	Carbon
ESM 1.1×12×57.5×33.5	1.1	12	57.5	33.5	132.47	30.43	0.35	3.91	Carbon
ESM 1.1×12×60×35.5	1.1	12	60	35.5	140.14	30.43	0.33	3.91	Carbon
ESM 1.1×12×62.5×37.5	1.1	12	62.5	37.5	147.79	30.43	0.31	3.91	Carbon
ESM 1.1×12×65×39.5	1.1	12	65	39.5	155.44	30.43	0.29	3.91	Carbon
ESM 1.1×12×67.5×42.5	1.1	12	67.5	42.5	163.1	30.43	0.28	3.91	Carbon
ESM 1.1×12×70×44.5	1.1	12	70	44.5	170.75	30.43	0.26	3.91	Carbon
ESS 1.1×12×32.5×10.5	1.1	12	32.5	10.5	56.2	26.27	0.94	3.91	Stainless
ESS 1.1×12×35×12.5	1.1	12	35	12.5	63.91	26.27	0.77	3.91	Stainless
ESS 1.1×12×37.5×14.5	1.1	12	37.5	14.5	71.63	26.27	0.66	3.91	Stainless
ESS 1.1×12×40×17.5	1.1	12	40	17.5	79.34	26.27	0.57	3.91	Stainless
ESS 1.1×12×42.5×19.5	1.1	12	42.5	19.5	87.06	26.27	0.5	3.91	Stainless
ESS 1.1×12×45×21.5	1.1	12	45	21.5	94.78	26.27	0.45	3.91	Stainless
ESS 1.1×12×47.5×23.5	1.1	12	47.5	23.5	102.49	26.27	0.41	3.91	Stainless
ESS 1.1×12×50×26.5	1.1	12	50	26.5	110.21	26.27	0.37	3.91	Stainless
ESS 1.1×12×52.5×28.5	1.1	12	52.5	28.5	117.92	26.27	0.34	3.91	Stainless
ESS 1.1×12×55×30.5	1.1	12	55	30.5	125.63	26.27	0.32	3.91	Stainless
ESS 1.1×12×57.5×33.5	1.1	12	57.5	33.5	133.36	26.27	0.29	3.91	Stainless
ESS 1.1×12×60×35.5	1.1	12	60	35.5	141.06	26.27	0.28	3.91	Stainless
ESS 1.1×12×62.5×37.5	1.1	12	62.5	37.5	148.78	26.27	0.26	3.91	Stainless
ESS 1.1×12×65×39.5	1.1	12	65	39.5	156.51	26.27	0.24	3.91	Stainless
ESS 1.1×12×67.5×42.5	1.1	12	67.5	42.5	164.19	26.27	0.23	3.91	Stainless
ESS 1.1×12×70×44.5	1.1	12	70	44.5	171.94	26.27	0.22	3.91	Stainless
ESM 1.2×12×32.5×9.5	1.2	12	32.5	9.5	51.75	39.48	1.76	5.64	Carbon
ESM 1.2×12×35×11.5	1.2	12	35	11.5	58.39	39.48	1.45	5.64	Carbon
ESM 1.2×12×37.5×13.5	1.2	12	37.5	13.5	65.04	39.48	1.23	5.64	Carbon
ESM 1.2×12×40×15.5	1.2	12	40	15.5	71.68	39.48	1.07	5.64	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.2×12×42.5×18.5	1.2	12	42.5	18.5	78.32	39.48	0.94	5.64	Carbon
ESM 1.2×12×45×20.5	1.2	12	45	20.5	84.97	39.48	0.85	5.64	Carbon
ESM 1.2×12×47.5×22.5	1.2	12	47.5	22.5	91.61	39.48	0.77	5.64	Carbon
ESM 1.2×12×50×24.5	1.2	12	50	24.5	98.25	39.48	0.7	5.64	Carbon
ESM 1.2×12×52.5×26.5	1.2	12	52.5	26.5	104.89	39.48	0.65	5.64	Carbon
ESM 1.2×12×55×28.5	1.2	12	55	28.5	111.54	39.48	0.6	5.64	Carbon
ESM 1.2×12×57.5×30.5	1.2	12	57.5	30.5	118.17	39.48	0.56	5.64	Carbon
ESM 1.2×12×60×32.5	1.2	12	60	32.5	124.82	39.48	0.52	5.64	Carbon
ESM 1.2×12×62.5×34.5	1.2	12	62.5	34.5	131.46	39.48	0.49	5.64	Carbon
ESM 1.2×12×65×36.5	1.2	12	65	36.5	138.1	39.48	0.46	5.64	Carbon
ESM 1.2×12×67.5×38.5	1.2	12	67.5	38.5	144.75	39.48	0.44	5.64	Carbon
ESM 1.2×12×70×40.5	1.2	12	70	40.5	151.39	39.48	0.42	5.64	Carbon
ESM 1.2×12×72.5×43.5	1.2	12	72.5	43.5	158.03	39.48	0.4	5.64	Carbon
ESM 1.2×12×75×45.5	1.2	12	75	45.5	164.67	39.48	0.38	5.64	Carbon
ESM 1.2×12×77.5×47.5	1.2	12	77.5	47.5	171.3	39.48	0.36	5.64	Carbon
ESM 1.2×12×80×49.5	1.2	12	80	49.5	177.95	39.48	0.35	5.64	Carbon
ESS 1.2×12×32.5×9.5	1.2	12	32.5	9.5	51.97	34.16	1.46	5.64	Stainless
ESS 1.2×12×35×11.5	1.2	12	35	11.5	58.66	34.16	1.21	5.64	Stainless
ESS 1.2×12×37.5×13.5	1.2	12	37.5	13.5	65.34	34.16	1.02	5.64	Stainless
ESS 1.2×12×40×15.5	1.2	12	40	15.5	72.04	34.16	0.89	5.64	Stainless
ESS 1.2×12×42.5×18.5	1.2	12	42.5	18.5	78.72	34.16	0.79	5.64	Stainless
ESS 1.2×12×45×20.5	1.2	12	45	20.5	85.41	34.16	0.71	5.64	Stainless
ESS 1.2×12×47.5×22.5	1.2	12	47.5	22.5	92.1	34.16	0.64	5.64	Stainless
ESS 1.2×12×50×24.5	1.2	12	50	24.5	98.79	34.16	0.58	5.64	Stainless
ESS 1.2×12×52.5×26.5	1.2	12	52.5	26.5	105.48	34.16	0.54	5.64	Stainless
ESS 1.2×12×55×28.5	1.2	12	55	28.5	112.16	34.16	0.5	5.64	Stainless
ESS 1.2×12×57.5×30.5	1.2	12	57.5	30.5	118.86	34.16	0.46	5.64	Stainless
ESS 1.2×12×60×32.5	1.2	12	60	32.5	125.54	34.16	0.44	5.64	Stainless
ESS 1.2×12×62.5×34.5	1.2	12	62.5	34.5	132.23	34.16	0.41	5.64	Stainless
ESS 1.2×12×65×36.5	1.2	12	65	36.5	138.92	34.16	0.39	5.64	Stainless
ESS 1.2×12×67.5×38.5	1.2	12	67.5	38.5	145.61	34.16	0.37	5.64	Stainless
ESS 1.2×12×70×40.5	1.2	12	70	40.5	152.3	34.16	0.35	5.64	Stainless
ESS 1.2×12×72.5×43.5	1.2	12	72.5	43.5	159	34.16	0.33	5.64	Stainless
ESS 1.2×12×75×45.5	1.2	12	75	45.5	165.68	34.16	0.31	5.64	Stainless
ESS 1.2×12×77.5×47.5	1.2	12	77.5	47.5	172.37	34.16	0.3	5.64	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

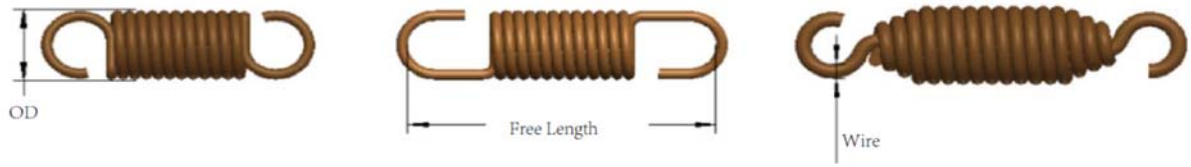






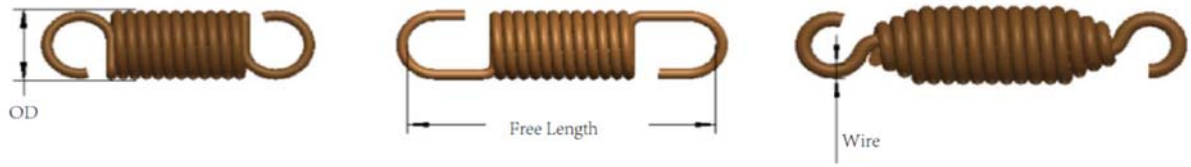
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.2×12×80×49.5	1.2	12	80	49.5	179.06	34.16	0.29	5.64	Stainless
ESM 1.3×12×32.5×9.5	1.3	12	32.5	9.5	48.61	50.33	2.64	7.84	Carbon
ESM 1.3×12×35×11.5	1.3	12	35	11.5	54.5	50.33	2.18	7.84	Carbon
ESM 1.3×12×37.5×12.5	1.3	12	37.5	12.5	60.38	50.33	1.86	7.84	Carbon
ESM 1.3×12×40×14.5	1.3	12	40	14.5	66.27	50.33	1.62	7.84	Carbon
ESM 1.3×12×42.5×16.5	1.3	12	42.5	16.5	72.16	50.33	1.43	7.84	Carbon
ESM 1.3×12×45×18.5	1.3	12	45	18.5	78.05	50.33	1.29	7.84	Carbon
ESM 1.3×12×47.5×20.5	1.3	12	47.5	20.5	83.94	50.33	1.17	7.84	Carbon
ESM 1.3×12×50×22.5	1.3	12	50	22.5	89.83	50.33	1.07	7.84	Carbon
ESM 1.3×12×52.5×24.5	1.3	12	52.5	24.5	95.72	50.33	0.98	7.84	Carbon
ESM 1.3×12×55×26.5	1.3	12	55	26.5	101.61	50.33	0.91	7.84	Carbon
ESM 1.3×12×57.5×28.5	1.3	12	57.5	28.5	107.5	50.33	0.85	7.84	Carbon
ESM 1.3×12×60×30.5	1.3	12	60	30.5	113.39	50.33	0.8	7.84	Carbon
ESM 1.3×12×62.5×32.5	1.3	12	62.5	32.5	119.28	50.33	0.75	7.84	Carbon
ESM 1.3×12×65×34.5	1.3	12	65	34.5	125.17	50.33	0.71	7.84	Carbon
ESM 1.3×12×67.5×36.5	1.3	12	67.5	36.5	131.06	50.33	0.67	7.84	Carbon
ESM 1.3×12×70×37.5	1.3	12	70	37.5	136.94	50.33	0.63	7.84	Carbon
ESM 1.3×12×72.5×39.5	1.3	12	72.5	39.5	142.83	50.33	0.6	7.84	Carbon
ESM 1.3×12×75×41.5	1.3	12	75	41.5	148.73	50.33	0.58	7.84	Carbon
ESM 1.3×12×77.5×43.5	1.3	12	77.5	43.5	154.61	50.33	0.55	7.84	Carbon
ESM 1.3×12×80×45.5	1.3	12	80	45.5	160.5	50.33	0.53	7.84	Carbon
ESS 1.3×12×32.5×9.5	1.3	12	32.5	9.5	48.72	43.5	2.2	7.84	Stainless
ESS 1.3×12×35×11.5	1.3	12	35	11.5	54.63	43.5	1.82	7.84	Stainless
ESS 1.3×12×37.5×12.5	1.3	12	37.5	12.5	60.55	43.5	1.55	7.84	Stainless
ESS 1.3×12×40×14.5	1.3	12	40	14.5	66.46	43.5	1.35	7.84	Stainless
ESS 1.3×12×42.5×16.5	1.3	12	42.5	16.5	72.37	43.5	1.19	7.84	Stainless
ESS 1.3×12×45×18.5	1.3	12	45	18.5	78.28	43.5	1.07	7.84	Stainless
ESS 1.3×12×47.5×20.5	1.3	12	47.5	20.5	84.2	43.5	0.97	7.84	Stainless
ESS 1.3×12×50×22.5	1.3	12	50	22.5	90.11	43.5	0.89	7.84	Stainless
ESS 1.3×12×52.5×24.5	1.3	12	52.5	24.5	96.03	43.5	0.82	7.84	Stainless
ESS 1.3×12×55×26.5	1.3	12	55	26.5	101.93	43.5	0.76	7.84	Stainless
ESS 1.3×12×57.5×28.5	1.3	12	57.5	28.5	107.85	43.5	0.71	7.84	Stainless
ESS 1.3×12×60×30.5	1.3	12	60	30.5	113.76	43.5	0.66	7.84	Stainless
ESS 1.3×12×62.5×32.5	1.3	12	62.5	32.5	119.68	43.5	0.62	7.84	Stainless
ESS 1.3×12×65×34.5	1.3	12	65	34.5	125.59	43.5	0.59	7.84	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



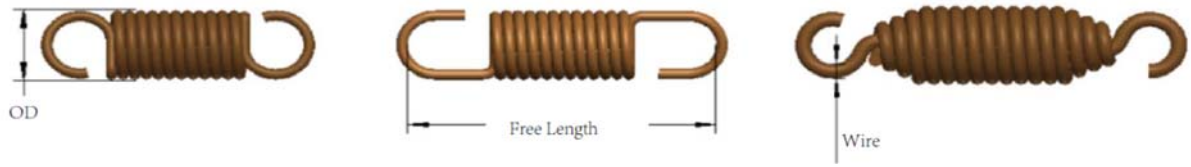
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×12×67.5×36.5	1.3	12	67.5	36.5	131.5	43.5	0.56	7.84	Stainless
ESS 1.3×12×70×37.5	1.3	12	70	37.5	137.42	43.5	0.53	7.84	Stainless
ESS 1.3×12×72.5×39.5	1.3	12	72.5	39.5	143.33	43.5	0.5	7.84	Stainless
ESS 1.3×12×75×41.5	1.3	12	75	41.5	149.24	43.5	0.48	7.84	Stainless
ESS 1.3×12×77.5×43.5	1.3	12	77.5	43.5	155.15	43.5	0.46	7.84	Stainless
ESS 1.3×12×80×45.5	1.3	12	80	45.5	161.07	43.5	0.44	7.84	Stainless
ESM 1.4×12×32.5×8.5	1.4	12	32.5	8.5	46.13	63.04	3.85	10.6	Carbon
ESM 1.4×12×35×10.5	1.4	12	35	10.5	51.44	63.04	3.19	10.6	Carbon
ESM 1.4×12×37.5×12.5	1.4	12	37.5	12.5	56.75	63.04	2.72	10.6	Carbon
ESM 1.4×12×40×14.5	1.4	12	40	14.5	62.06	63.04	2.38	10.6	Carbon
ESM 1.4×12×42.5×15.5	1.4	12	42.5	15.5	67.36	63.04	2.11	10.6	Carbon
ESM 1.4×12×45×17.5	1.4	12	45	17.5	72.67	63.04	1.9	10.6	Carbon
ESM 1.4×12×47.5×19.5	1.4	12	47.5	19.5	77.98	63.04	1.72	10.6	Carbon
ESM 1.4×12×50×21.5	1.4	12	50	21.5	83.29	63.04	1.58	10.6	Carbon
ESM 1.4×12×52.5×22.5	1.4	12	52.5	22.5	88.6	63.04	1.45	10.6	Carbon
ESM 1.4×12×55×24.5	1.4	12	55	24.5	93.9	63.04	1.35	10.6	Carbon
ESM 1.4×12×57.5×26.5	1.4	12	57.5	26.5	99.21	63.04	1.26	10.6	Carbon
ESM 1.4×12×60×28.5	1.4	12	60	28.5	104.52	63.04	1.18	10.6	Carbon
ESM 1.4×12×62.5×30.5	1.4	12	62.5	30.5	109.82	63.04	1.11	10.6	Carbon
ESM 1.4×12×65×31.5	1.4	12	65	31.5	115.13	63.04	1.05	10.6	Carbon
ESM 1.4×12×67.5×33.5	1.4	12	67.5	33.5	120.44	63.04	0.99	10.6	Carbon
ESM 1.4×12×70×35.5	1.4	12	70	35.5	125.75	63.04	0.94	10.6	Carbon
ESM 1.4×12×72.5×37.5	1.4	12	72.5	37.5	131.05	63.04	0.9	10.6	Carbon
ESM 1.4×12×75×39.5	1.4	12	75	39.5	136.36	63.04	0.85	10.6	Carbon
ESM 1.4×12×77.5×40.5	1.4	12	77.5	40.5	141.67	63.04	0.82	10.6	Carbon
ESM 1.4×12×80×42.5	1.4	12	80	42.5	146.98	63.04	0.78	10.6	Carbon
ESS 1.4×12×32.5×8.5	1.4	12	32.5	8.5	46.17	54.42	3.21	10.6	Stainless
ESS 1.4×12×35×10.5	1.4	12	35	10.5	51.49	54.42	2.66	10.6	Stainless
ESS 1.4×12×37.5×12.5	1.4	12	37.5	12.5	56.8	54.42	2.27	10.6	Stainless
ESS 1.4×12×40×14.5	1.4	12	40	14.5	62.12	54.42	1.98	10.6	Stainless
ESS 1.4×12×42.5×15.5	1.4	12	42.5	15.5	67.44	54.42	1.76	10.6	Stainless
ESS 1.4×12×45×17.5	1.4	12	45	17.5	72.75	54.42	1.58	10.6	Stainless
ESS 1.4×12×47.5×19.5	1.4	12	47.5	19.5	78.07	54.42	1.43	10.6	Stainless
ESS 1.4×12×50×21.5	1.4	12	50	21.5	83.38	54.42	1.31	10.6	Stainless
ESS 1.4×12×52.5×22.5	1.4	12	52.5	22.5	88.7	54.42	1.21	10.6	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



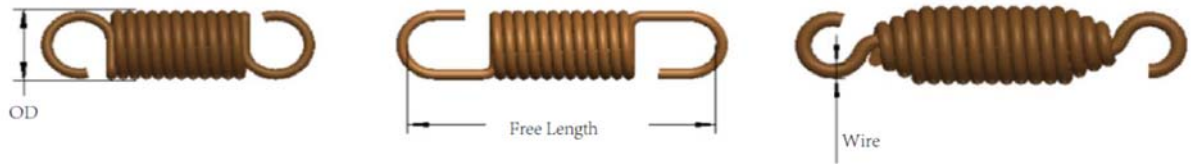
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×12×55×24.5	1.4	12	55	24.5	94.01	54.42	1.12	10.6	Stainless
ESS 1.4×12×57.5×26.5	1.4	12	57.5	26.5	99.33	54.42	1.05	10.6	Stainless
ESS 1.4×12×60×28.5	1.4	12	60	28.5	104.65	54.42	0.98	10.6	Stainless
ESS 1.4×12×62.5×30.5	1.4	12	62.5	30.5	109.96	54.42	0.92	10.6	Stainless
ESS 1.4×12×65×31.5	1.4	12	65	31.5	115.27	54.42	0.87	10.6	Stainless
ESS 1.4×12×67.5×33.5	1.4	12	67.5	33.5	120.59	54.42	0.83	10.6	Stainless
ESS 1.4×12×70×35.5	1.4	12	70	35.5	125.91	54.42	0.78	10.6	Stainless
ESS 1.4×12×72.5×37.5	1.4	12	72.5	37.5	131.22	54.42	0.75	10.6	Stainless
ESS 1.4×12×75×39.5	1.4	12	75	39.5	136.53	54.42	0.71	10.6	Stainless
ESS 1.4×12×77.5×40.5	1.4	12	77.5	40.5	141.85	54.42	0.68	10.6	Stainless
ESS 1.4×12×80×42.5	1.4	12	80	42.5	147.16	54.42	0.65	10.6	Stainless
ESM 1.5×12×32.5×8.5	1.5	12	32.5	8.5	44.11	77.49	5.47	13.97	Carbon
ESM 1.5×12×35×9.5	1.5	12	35	9.5	48.95	77.49	4.55	13.97	Carbon
ESM 1.5×12×37.5×11.5	1.5	12	37.5	11.5	53.79	77.49	3.9	13.97	Carbon
ESM 1.5×12×40×13.5	1.5	12	40	13.5	58.63	77.49	3.41	13.97	Carbon
ESM 1.5×12×42.5×14.5	1.5	12	42.5	14.5	63.48	77.49	3.03	13.97	Carbon
ESM 1.5×12×45×16.5	1.5	12	45	16.5	68.32	77.49	2.72	13.97	Carbon
ESM 1.5×12×47.5×18.5	1.5	12	47.5	18.5	73.16	77.49	2.48	13.97	Carbon
ESM 1.5×12×50×19.5	1.5	12	50	19.5	78	77.49	2.27	13.97	Carbon
ESM 1.5×12×52.5×21.5	1.5	12	52.5	21.5	82.84	77.49	2.09	13.97	Carbon
ESM 1.5×12×55×23.5	1.5	12	55	23.5	87.68	77.49	1.94	13.97	Carbon
ESM 1.5×12×57.5×24.5	1.5	12	57.5	24.5	92.52	77.49	1.81	13.97	Carbon
ESM 1.5×12×60×26.5	1.5	12	60	26.5	97.36	77.49	1.7	13.97	Carbon
ESM 1.5×12×62.5×28.5	1.5	12	62.5	28.5	102.2	77.49	1.6	13.97	Carbon
ESM 1.5×12×65×29.5	1.5	12	65	29.5	107.04	77.49	1.51	13.97	Carbon
ESM 1.5×12×67.5×31.5	1.5	12	67.5	31.5	111.89	77.49	1.43	13.97	Carbon
ESM 1.5×12×70×33.5	1.5	12	70	33.5	116.72	77.49	1.36	13.97	Carbon
ESM 1.5×12×72.5×34.5	1.5	12	72.5	34.5	121.57	77.49	1.29	13.97	Carbon
ESM 1.5×12×75×36.5	1.5	12	75	36.5	126.41	77.49	1.24	13.97	Carbon
ESM 1.5×12×77.5×38.5	1.5	12	77.5	38.5	131.25	77.49	1.18	13.97	Carbon
ESM 1.5×12×80×39.5	1.5	12	80	39.5	136.09	77.49	1.13	13.97	Carbon
ESS 1.5×12×32.5×8.5	1.5	12	32.5	8.5	44.14	67.05	4.56	13.97	Stainless
ESS 1.5×12×35×9.5	1.5	12	35	9.5	48.99	67.05	3.79	13.97	Stainless
ESS 1.5×12×37.5×11.5	1.5	12	37.5	11.5	53.84	67.05	3.25	13.97	Stainless
ESS 1.5×12×40×13.5	1.5	12	40	13.5	58.69	67.05	2.84	13.97	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



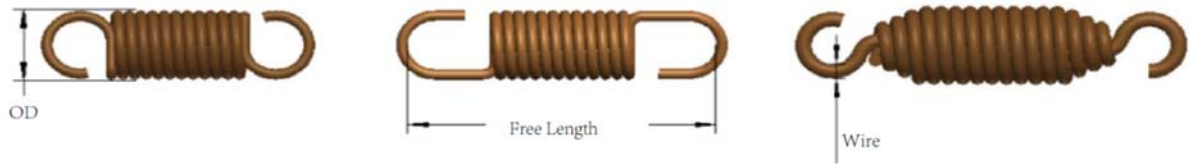
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×12×42.5×14.5	1.5	12	42.5	14.5	63.53	67.05	2.52	13.97	Stainless
ESS 1.5×12×45×16.5	1.5	12	45	16.5	68.38	67.05	2.27	13.97	Stainless
ESS 1.5×12×47.5×18.5	1.5	12	47.5	18.5	73.23	67.05	2.06	13.97	Stainless
ESS 1.5×12×50×19.5	1.5	12	50	19.5	78.08	67.05	1.89	13.97	Stainless
ESS 1.5×12×52.5×21.5	1.5	12	52.5	21.5	82.93	67.05	1.74	13.97	Stainless
ESS 1.5×12×55×23.5	1.5	12	55	23.5	87.77	67.05	1.62	13.97	Stainless
ESS 1.5×12×57.5×24.5	1.5	12	57.5	24.5	92.62	67.05	1.51	13.97	Stainless
ESS 1.5×12×60×26.5	1.5	12	60	26.5	97.47	67.05	1.42	13.97	Stainless
ESS 1.5×12×62.5×28.5	1.5	12	62.5	28.5	102.31	67.05	1.33	13.97	Stainless
ESS 1.5×12×65×29.5	1.5	12	65	29.5	107.16	67.05	1.26	13.97	Stainless
ESS 1.5×12×67.5×31.5	1.5	12	67.5	31.5	112.01	67.05	1.19	13.97	Stainless
ESS 1.5×12×70×33.5	1.5	12	70	33.5	116.86	67.05	1.13	13.97	Stainless
ESS 1.5×12×72.5×34.5	1.5	12	72.5	34.5	121.71	67.05	1.08	13.97	Stainless
ESS 1.5×12×75×36.5	1.5	12	75	36.5	126.55	67.05	1.03	13.97	Stainless
ESS 1.5×12×77.5×38.5	1.5	12	77.5	38.5	131.4	67.05	0.98	13.97	Stainless
ESS 1.5×12×80×39.5	1.5	12	80	39.5	136.25	67.05	0.94	13.97	Stainless
ESM 1.6×12×35×9.5	1.6	12	35	9.5	46.99	94.3	6.36	18.04	Carbon
ESM 1.6×12×37.5×11.5	1.6	12	37.5	11.5	51.47	94.3	5.46	18.04	Carbon
ESM 1.6×12×40×12.5	1.6	12	40	12.5	55.95	94.3	4.78	18.04	Carbon
ESM 1.6×12×42.5×14.5	1.6	12	42.5	14.5	60.43	94.3	4.25	18.04	Carbon
ESM 1.6×12×45×15.5	1.6	12	45	15.5	64.91	94.3	3.83	18.04	Carbon
ESM 1.6×12×47.5×17.5	1.6	12	47.5	17.5	69.38	94.3	3.48	18.04	Carbon
ESM 1.6×12×50×18.5	1.6	12	50	18.5	73.86	94.3	3.2	18.04	Carbon
ESM 1.6×12×52.5×20.5	1.6	12	52.5	20.5	78.34	94.3	2.95	18.04	Carbon
ESM 1.6×12×55×21.5	1.6	12	55	21.5	82.82	94.3	2.74	18.04	Carbon
ESM 1.6×12×57.5×23.5	1.6	12	57.5	23.5	87.3	94.3	2.56	18.04	Carbon
ESM 1.6×12×60×25.5	1.6	12	60	25.5	91.77	94.3	2.4	18.04	Carbon
ESM 1.6×12×62.5×26.5	1.6	12	62.5	26.5	96.25	94.3	2.26	18.04	Carbon
ESM 1.6×12×65×28.5	1.6	12	65	28.5	100.73	94.3	2.13	18.04	Carbon
ESM 1.6×12×67.5×29.5	1.6	12	67.5	29.5	105.21	94.3	2.02	18.04	Carbon
ESM 1.6×12×70×31.5	1.6	12	70	31.5	109.69	94.3	1.92	18.04	Carbon
ESM 1.6×12×72.5×32.5	1.6	12	72.5	32.5	114.16	94.3	1.83	18.04	Carbon
ESM 1.6×12×75×34.5	1.6	12	75	34.5	118.64	94.3	1.75	18.04	Carbon
ESM 1.6×12×77.5×36.5	1.6	12	77.5	36.5	123.12	94.3	1.67	18.04	Carbon
ESM 1.6×12×80×37.5	1.6	12	80	37.5	127.6	94.3	1.6	18.04	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.6×12×82.5×39.5	1.6	12	82.5	39.5	132.08	94.3	1.54	18.04	Carbon
ESS 1.6×12×35×9.5	1.6	12	35	9.5	46.98	81.52	5.3	18.04	Stainless
ESS 1.6×12×37.5×11.5	1.6	12	37.5	11.5	51.46	81.52	4.55	18.04	Stainless
ESS 1.6×12×40×12.5	1.6	12	40	12.5	55.93	81.52	3.98	18.04	Stainless
ESS 1.6×12×42.5×14.5	1.6	12	42.5	14.5	60.41	81.52	3.54	18.04	Stainless
ESS 1.6×12×45×15.5	1.6	12	45	15.5	64.88	81.52	3.19	18.04	Stainless
ESS 1.6×12×47.5×17.5	1.6	12	47.5	17.5	69.36	81.52	2.9	18.04	Stainless
ESS 1.6×12×50×18.5	1.6	12	50	18.5	73.83	81.52	2.66	18.04	Stainless
ESS 1.6×12×52.5×20.5	1.6	12	52.5	20.5	78.31	81.52	2.46	18.04	Stainless
ESS 1.6×12×55×21.5	1.6	12	55	21.5	82.79	81.52	2.28	18.04	Stainless
ESS 1.6×12×57.5×23.5	1.6	12	57.5	23.5	87.26	81.52	2.13	18.04	Stainless
ESS 1.6×12×60×25.5	1.6	12	60	25.5	91.74	81.52	2	18.04	Stainless
ESS 1.6×12×62.5×26.5	1.6	12	62.5	26.5	96.21	81.52	1.88	18.04	Stainless
ESS 1.6×12×65×28.5	1.6	12	65	28.5	100.69	81.52	1.78	18.04	Stainless
ESS 1.6×12×67.5×29.5	1.6	12	67.5	29.5	105.16	81.52	1.69	18.04	Stainless
ESS 1.6×12×70×31.5	1.6	12	70	31.5	109.64	81.52	1.6	18.04	Stainless
ESS 1.6×12×72.5×32.5	1.6	12	72.5	32.5	114.11	81.52	1.53	18.04	Stainless
ESS 1.6×12×75×34.5	1.6	12	75	34.5	118.59	81.52	1.46	18.04	Stainless
ESS 1.6×12×77.5×36.5	1.6	12	77.5	36.5	123.07	81.52	1.39	18.04	Stainless
ESS 1.6×12×80×37.5	1.6	12	80	37.5	127.54	81.52	1.34	18.04	Stainless
ESS 1.6×12×82.5×39.5	1.6	12	82.5	39.5	132.01	81.52	1.28	18.04	Stainless
ESM 1.7×12×35×9.5	1.7	12	35	9.5	45.39	113.44	8.71	22.88	Carbon
ESM 1.7×12×37.5×10.5	1.7	12	37.5	10.5	49.58	113.44	7.5	22.88	Carbon
ESM 1.7×12×40×12.5	1.7	12	40	12.5	53.76	113.44	6.58	22.88	Carbon
ESM 1.7×12×42.5×13.5	1.7	12	42.5	13.5	57.95	113.44	5.86	22.88	Carbon
ESM 1.7×12×45×14.5	1.7	12	45	14.5	62.13	113.44	5.29	22.88	Carbon
ESM 1.7×12×47.5×16.5	1.7	12	47.5	16.5	66.32	113.44	4.81	22.88	Carbon
ESM 1.7×12×50×17.5	1.7	12	50	17.5	70.5	113.44	4.42	22.88	Carbon
ESM 1.7×12×52.5×19.5	1.7	12	52.5	19.5	74.69	113.44	4.08	22.88	Carbon
ESM 1.7×12×55×20.5	1.7	12	55	20.5	78.87	113.44	3.79	22.88	Carbon
ESM 1.7×12×57.5×22.5	1.7	12	57.5	22.5	83.06	113.44	3.54	22.88	Carbon
ESM 1.7×12×60×23.5	1.7	12	60	23.5	87.24	113.44	3.32	22.88	Carbon
ESM 1.7×12×62.5×25.5	1.7	12	62.5	25.5	91.43	113.44	3.13	22.88	Carbon
ESM 1.7×12×65×26.5	1.7	12	65	26.5	95.61	113.44	2.96	22.88	Carbon
ESM 1.7×12×67.5×28.5	1.7	12	67.5	28.5	99.8	113.44	2.8	22.88	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×12×70×29.5	1.7	12	70	29.5	103.98	113.44	2.66	22.88	Carbon
ESM 1.7×12×72.5×31.5	1.7	12	72.5	31.5	108.17	113.44	2.54	22.88	Carbon
ESM 1.7×12×75×32.5	1.7	12	75	32.5	112.35	113.44	2.42	22.88	Carbon
ESM 1.7×12×77.5×34.5	1.7	12	77.5	34.5	116.54	113.44	2.32	22.88	Carbon
ESM 1.7×12×80×35.5	1.7	12	80	35.5	120.72	113.44	2.22	22.88	Carbon
ESM 1.7×12×82.5×37.5	1.7	12	82.5	37.5	124.91	113.44	2.14	22.88	Carbon
ESS 1.7×12×35×9.5	1.7	12	35	9.5	45.34	97.95	7.26	22.88	Stainless
ESS 1.7×12×37.5×10.5	1.7	12	37.5	10.5	49.51	97.95	6.25	22.88	Stainless
ESS 1.7×12×40×12.5	1.7	12	40	12.5	53.69	97.95	5.48	22.88	Stainless
ESS 1.7×12×42.5×13.5	1.7	12	42.5	13.5	57.87	97.95	4.89	22.88	Stainless
ESS 1.7×12×45×14.5	1.7	12	45	14.5	62.04	97.95	4.4	22.88	Stainless
ESS 1.7×12×47.5×16.5	1.7	12	47.5	16.5	66.22	97.95	4.01	22.88	Stainless
ESS 1.7×12×50×17.5	1.7	12	50	17.5	70.4	97.95	3.68	22.88	Stainless
ESS 1.7×12×52.5×19.5	1.7	12	52.5	19.5	74.57	97.95	3.4	22.88	Stainless
ESS 1.7×12×55×20.5	1.7	12	55	20.5	78.75	97.95	3.16	22.88	Stainless
ESS 1.7×12×57.5×22.5	1.7	12	57.5	22.5	82.92	97.95	2.95	22.88	Stainless
ESS 1.7×12×60×23.5	1.7	12	60	23.5	87.1	97.95	2.77	22.88	Stainless
ESS 1.7×12×62.5×25.5	1.7	12	62.5	25.5	91.28	97.95	2.61	22.88	Stainless
ESS 1.7×12×65×26.5	1.7	12	65	26.5	95.45	97.95	2.47	22.88	Stainless
ESS 1.7×12×67.5×28.5	1.7	12	67.5	28.5	99.63	97.95	2.34	22.88	Stainless
ESS 1.7×12×70×29.5	1.7	12	70	29.5	103.8	97.95	2.22	22.88	Stainless
ESS 1.7×12×72.5×31.5	1.7	12	72.5	31.5	107.98	97.95	2.12	22.88	Stainless
ESS 1.7×12×75×32.5	1.7	12	75	32.5	112.16	97.95	2.02	22.88	Stainless
ESS 1.7×12×77.5×34.5	1.7	12	77.5	34.5	116.33	97.95	1.93	22.88	Stainless
ESS 1.7×12×80×35.5	1.7	12	80	35.5	120.51	97.95	1.85	22.88	Stainless
ESS 1.7×12×82.5×37.5	1.7	12	82.5	37.5	124.69	97.95	1.78	22.88	Stainless
ESM 0.9×13×35×12.5	0.9	13	35	12.5	81.31	15.4	0.3	1.33	Carbon
ESM 0.9×13×37.5×15.5	0.9	13	37.5	15.5	94.02	15.4	0.25	1.33	Carbon
ESM 0.9×13×40×18.5	0.9	13	40	18.5	106.73	15.4	0.21	1.33	Carbon
ESM 0.9×13×42.5×20.5	0.9	13	42.5	20.5	119.44	15.4	0.18	1.33	Carbon
ESM 0.9×13×45×23.5	0.9	13	45	23.5	132.14	15.4	0.16	1.33	Carbon
ESM 0.9×13×47.5×26.5	0.9	13	47.5	26.5	144.82	15.4	0.14	1.33	Carbon
ESM 0.9×13×50×29.5	0.9	13	50	29.5	157.51	15.4	0.13	1.33	Carbon
ESM 0.9×13×52.5×32.5	0.9	13	52.5	32.5	170.27	15.4	0.12	1.33	Carbon
ESM 0.9×13×55×34.5	0.9	13	55	34.5	182.94	15.4	0.11	1.33	Carbon

M: Carbon Steel;
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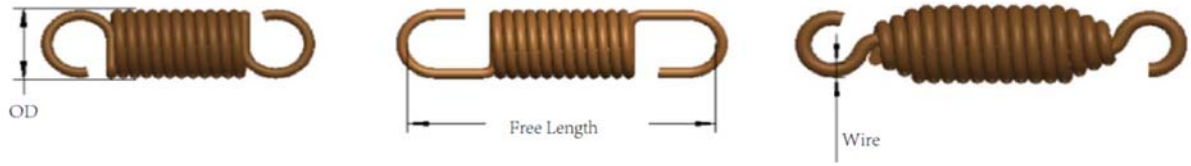
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 0.9×13×57.5×37.5	0.9	13	57.5	37.5	195.61	15.4	0.1	1.33	Carbon
ESM 0.9×13×60×40.5	0.9	13	60	40.5	208.45	15.4	0.09	1.33	Carbon
ESS 0.9×13×35×12.5	0.9	13	35	12.5	82.26	13.3	0.25	1.33	Stainless
ESS 0.9×13×37.5×15.5	0.9	13	37.5	15.5	95.19	13.3	0.21	1.33	Stainless
ESS 0.9×13×40×18.5	0.9	13	40	18.5	108.09	13.3	0.18	1.33	Stainless
ESS 0.9×13×42.5×20.5	0.9	13	42.5	20.5	120.99	13.3	0.15	1.33	Stainless
ESS 0.9×13×45×23.5	0.9	13	45	23.5	133.93	13.3	0.13	1.33	Stainless
ESS 0.9×13×47.5×26.5	0.9	13	47.5	26.5	146.84	13.3	0.12	1.33	Stainless
ESS 0.9×13×50×29.5	0.9	13	50	29.5	159.82	13.3	0.11	1.33	Stainless
ESS 0.9×13×52.5×32.5	0.9	13	52.5	32.5	172.68	13.3	0.1	1.33	Stainless
ESS 0.9×13×55×34.5	0.9	13	55	34.5	185.68	13.3	0.09	1.33	Stainless
ESS 0.9×13×57.5×37.5	0.9	13	57.5	37.5	198.49	13.3	0.08	1.33	Stainless
ESS 0.9×13×60×40.5	0.9	13	60	40.5	211.52	13.3	0.08	1.33	Stainless
ESM 1×13×35×11.5	1	13	35	11.5	71.36	20.9	0.52	2.14	Carbon
ESM 1×13×37.5×14.5	1	13	37.5	14.5	81.7	20.9	0.42	2.14	Carbon
ESM 1×13×40×16.5	1	13	40	16.5	92.03	20.9	0.36	2.14	Carbon
ESM 1×13×42.5×19.5	1	13	42.5	19.5	102.37	20.9	0.31	2.14	Carbon
ESM 1×13×45×21.5	1	13	45	21.5	112.72	20.9	0.28	2.14	Carbon
ESM 1×13×47.5×24.5	1	13	47.5	24.5	123.04	20.9	0.25	2.14	Carbon
ESM 1×13×50×26.5	1	13	50	26.5	133.37	20.9	0.23	2.14	Carbon
ESM 1×13×52.5×29.5	1	13	52.5	29.5	143.73	20.9	0.21	2.14	Carbon
ESM 1×13×55×31.5	1	13	55	31.5	154.04	20.9	0.19	2.14	Carbon
ESM 1×13×57.5×34.5	1	13	57.5	34.5	164.38	20.9	0.18	2.14	Carbon
ESM 1×13×60×36.5	1	13	60	36.5	174.73	20.9	0.16	2.14	Carbon
ESS 1×13×35×11.5	1	13	35	11.5	72.02	18.06	0.43	2.14	Stainless
ESS 1×13×37.5×14.5	1	13	37.5	14.5	82.5	18.06	0.35	2.14	Stainless
ESS 1×13×40×16.5	1	13	40	16.5	92.99	18.06	0.3	2.14	Stainless
ESS 1×13×42.5×19.5	1	13	42.5	19.5	103.46	18.06	0.26	2.14	Stainless
ESS 1×13×45×21.5	1	13	45	21.5	113.93	18.06	0.23	2.14	Stainless
ESS 1×13×47.5×24.5	1	13	47.5	24.5	124.43	18.06	0.21	2.14	Stainless
ESS 1×13×50×26.5	1	13	50	26.5	134.89	18.06	0.19	2.14	Stainless
ESS 1×13×52.5×29.5	1	13	52.5	29.5	145.36	18.06	0.17	2.14	Stainless
ESS 1×13×55×31.5	1	13	55	31.5	155.87	18.06	0.16	2.14	Stainless
ESS 1×13×57.5×34.5	1	13	57.5	34.5	166.37	18.06	0.15	2.14	Stainless
ESS 1×13×60×36.5	1	13	60	36.5	176.78	18.06	0.14	2.14	Stainless

M: Carbon Steel;
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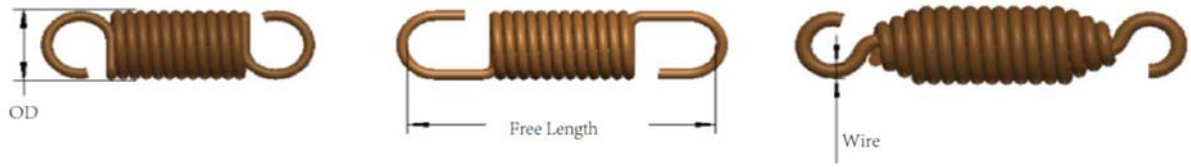
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.1×13×35×10.5	1.1	13	35	10.5	64.54	27.87	0.83	3.26	Carbon
ESM 1.1×13×37.5×13.5	1.1	13	37.5	13.5	73.27	27.87	0.69	3.26	Carbon
ESM 1.1×13×40×15.5	1.1	13	40	15.5	82	27.87	0.59	3.26	Carbon
ESM 1.1×13×42.5×17.5	1.1	13	42.5	17.5	90.72	27.87	0.51	3.26	Carbon
ESM 1.1×13×45×19.5	1.1	13	45	19.5	99.45	27.87	0.45	3.26	Carbon
ESM 1.1×13×47.5×22.5	1.1	13	47.5	22.5	108.17	27.87	0.41	3.26	Carbon
ESM 1.1×13×50×24.5	1.1	13	50	24.5	116.91	27.87	0.37	3.26	Carbon
ESM 1.1×13×52.5×26.5	1.1	13	52.5	26.5	125.63	27.87	0.34	3.26	Carbon
ESM 1.1×13×55×28.5	1.1	13	55	28.5	134.35	27.87	0.31	3.26	Carbon
ESM 1.1×13×57.5×31.5	1.1	13	57.5	31.5	143.09	27.87	0.29	3.26	Carbon
ESM 1.1×13×60×33.5	1.1	13	60	33.5	151.81	27.87	0.27	3.26	Carbon
ESM 1.1×13×62.5×35.5	1.1	13	62.5	35.5	160.53	27.87	0.25	3.26	Carbon
ESM 1.1×13×65×38.5	1.1	13	65	38.5	169.26	27.87	0.24	3.26	Carbon
ESM 1.1×13×67.5×40.5	1.1	13	67.5	40.5	177.98	27.87	0.22	3.26	Carbon
ESM 1.1×13×70×42.5	1.1	13	70	42.5	186.71	27.87	0.21	3.26	Carbon
ESS 1.1×13×35×10.5	1.1	13	35	10.5	64.96	24.06	0.69	3.26	Stainless
ESS 1.1×13×37.5×13.5	1.1	13	37.5	13.5	73.77	24.06	0.57	3.26	Stainless
ESS 1.1×13×40×15.5	1.1	13	40	15.5	82.58	24.06	0.49	3.26	Stainless
ESS 1.1×13×42.5×17.5	1.1	13	42.5	17.5	91.4	24.06	0.43	3.26	Stainless
ESS 1.1×13×45×19.5	1.1	13	45	19.5	100.22	24.06	0.38	3.26	Stainless
ESS 1.1×13×47.5×22.5	1.1	13	47.5	22.5	109.03	24.06	0.34	3.26	Stainless
ESS 1.1×13×50×24.5	1.1	13	50	24.5	117.85	24.06	0.31	3.26	Stainless
ESS 1.1×13×52.5×26.5	1.1	13	52.5	26.5	126.66	24.06	0.28	3.26	Stainless
ESS 1.1×13×55×28.5	1.1	13	55	28.5	135.47	24.06	0.26	3.26	Stainless
ESS 1.1×13×57.5×31.5	1.1	13	57.5	31.5	144.28	24.06	0.24	3.26	Stainless
ESS 1.1×13×60×33.5	1.1	13	60	33.5	153.12	24.06	0.22	3.26	Stainless
ESS 1.1×13×62.5×35.5	1.1	13	62.5	35.5	161.94	24.06	0.21	3.26	Stainless
ESS 1.1×13×65×38.5	1.1	13	65	38.5	170.76	24.06	0.2	3.26	Stainless
ESS 1.1×13×67.5×40.5	1.1	13	67.5	40.5	179.58	24.06	0.19	3.26	Stainless
ESS 1.1×13×70×42.5	1.1	13	70	42.5	188.4	24.06	0.18	3.26	Stainless
ESM 1.2×13×35×10.5	1.2	13	35	10.5	59.31	36.13	1.29	4.73	Carbon
ESM 1.2×13×37.5×12.5	1.2	13	37.5	12.5	66.82	36.13	1.07	4.73	Carbon
ESM 1.2×13×40×14.5	1.2	13	40	14.5	74.34	36.13	0.91	4.73	Carbon
ESM 1.2×13×42.5×16.5	1.2	13	42.5	16.5	81.85	36.13	0.8	4.73	Carbon
ESM 1.2×13×45×18.5	1.2	13	45	18.5	89.36	36.13	0.71	4.73	Carbon

M: Carbon Steel;
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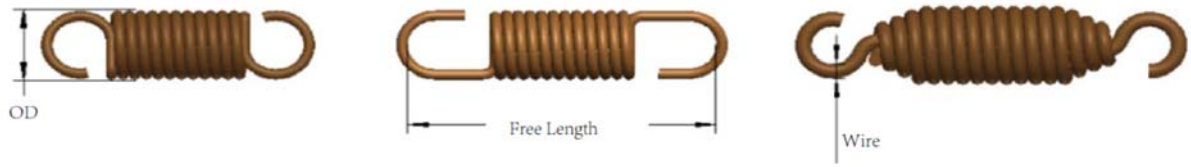
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.2×13×47.5×20.5	1.2	13	47.5	20.5	96.87	36.13	0.64	4.73	Carbon
ESM 1.2×13×50×22.5	1.2	13	50	22.5	104.39	36.13	0.58	4.73	Carbon
ESM 1.2×13×52.5×24.5	1.2	13	52.5	24.5	111.9	36.13	0.53	4.73	Carbon
ESM 1.2×13×55×26.5	1.2	13	55	26.5	119.41	36.13	0.49	4.73	Carbon
ESM 1.2×13×57.5×28.5	1.2	13	57.5	28.5	126.92	36.13	0.45	4.73	Carbon
ESM 1.2×13×60×30.5	1.2	13	60	30.5	134.44	36.13	0.42	4.73	Carbon
ESM 1.2×13×62.5×33.5	1.2	13	62.5	33.5	141.95	36.13	0.4	4.73	Carbon
ESM 1.2×13×65×35.5	1.2	13	65	35.5	149.47	36.13	0.37	4.73	Carbon
ESM 1.2×13×67.5×37.5	1.2	13	67.5	37.5	156.98	36.13	0.35	4.73	Carbon
ESM 1.2×13×70×39.5	1.2	13	70	39.5	164.49	36.13	0.33	4.73	Carbon
ESM 1.2×13×72.5×41.5	1.2	13	72.5	41.5	172.02	36.13	0.32	4.73	Carbon
ESM 1.2×13×75×43.5	1.2	13	75	43.5	179.52	36.13	0.3	4.73	Carbon
ESM 1.2×13×77.5×45.5	1.2	13	77.5	45.5	187.05	36.13	0.29	4.73	Carbon
ESM 1.2×13×80×47.5	1.2	13	80	47.5	194.54	36.13	0.27	4.73	Carbon
ESM 1.2×13×82.5×49.5	1.2	13	82.5	49.5	202.06	36.13	0.26	4.73	Carbon
ESS 1.2×13×35×10.5	1.2	13	35	10.5	59.64	31.26	1.08	4.73	Stainless
ESS 1.2×13×37.5×12.5	1.2	13	37.5	12.5	67.23	31.26	0.89	4.73	Stainless
ESS 1.2×13×40×14.5	1.2	13	40	14.5	74.81	31.26	0.76	4.73	Stainless
ESS 1.2×13×42.5×16.5	1.2	13	42.5	16.5	82.39	31.26	0.67	4.73	Stainless
ESS 1.2×13×45×18.5	1.2	13	45	18.5	89.97	31.26	0.59	4.73	Stainless
ESS 1.2×13×47.5×20.5	1.2	13	47.5	20.5	97.55	31.26	0.53	4.73	Stainless
ESS 1.2×13×50×22.5	1.2	13	50	22.5	105.14	31.26	0.48	4.73	Stainless
ESS 1.2×13×52.5×24.5	1.2	13	52.5	24.5	112.72	31.26	0.44	4.73	Stainless
ESS 1.2×13×55×26.5	1.2	13	55	26.5	120.31	31.26	0.41	4.73	Stainless
ESS 1.2×13×57.5×28.5	1.2	13	57.5	28.5	127.88	31.26	0.38	4.73	Stainless
ESS 1.2×13×60×30.5	1.2	13	60	30.5	135.47	31.26	0.35	4.73	Stainless
ESS 1.2×13×62.5×33.5	1.2	13	62.5	33.5	143.05	31.26	0.33	4.73	Stainless
ESS 1.2×13×65×35.5	1.2	13	65	35.5	150.65	31.26	0.31	4.73	Stainless
ESS 1.2×13×67.5×37.5	1.2	13	67.5	37.5	158.21	31.26	0.29	4.73	Stainless
ESS 1.2×13×70×39.5	1.2	13	70	39.5	165.79	31.26	0.28	4.73	Stainless
ESS 1.2×13×72.5×41.5	1.2	13	72.5	41.5	173.39	31.26	0.26	4.73	Stainless
ESS 1.2×13×75×43.5	1.2	13	75	43.5	180.97	31.26	0.25	4.73	Stainless
ESS 1.2×13×77.5×45.5	1.2	13	77.5	45.5	188.57	31.26	0.24	4.73	Stainless
ESS 1.2×13×80×47.5	1.2	13	80	47.5	196.12	31.26	0.23	4.73	Stainless
ESS 1.2×13×82.5×49.5	1.2	13	82.5	49.5	203.72	31.26	0.22	4.73	Stainless

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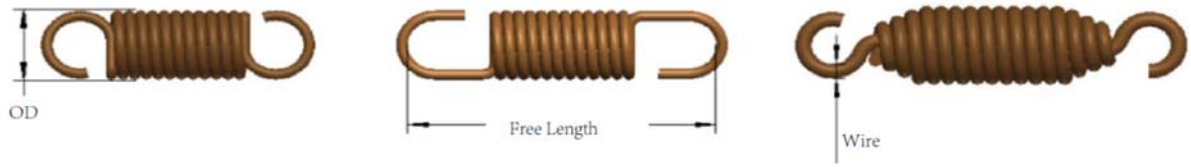
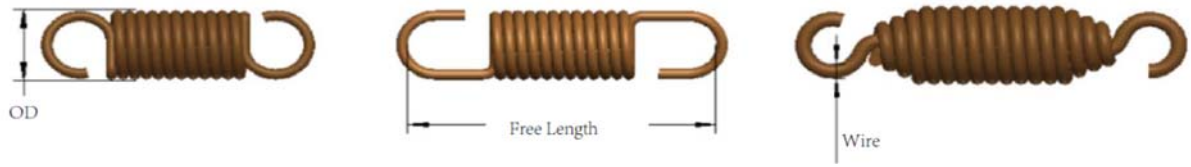
Max Length - Max Load



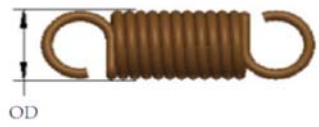
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.3×13×35×9.5	1.3	13	35	9.5	55.36	46.03	1.94	6.62	Carbon
ESM 1.3×13×37.5×11.5	1.3	13	37.5	11.5	61.97	46.03	1.61	6.62	Carbon
ESM 1.3×13×40×13.5	1.3	13	40	13.5	68.58	46.03	1.38	6.62	Carbon
ESM 1.3×13×42.5×15.5	1.3	13	42.5	15.5	75.19	46.03	1.21	6.62	Carbon
ESM 1.3×13×45×17.5	1.3	13	45	17.5	81.8	46.03	1.07	6.62	Carbon
ESM 1.3×13×47.5×19.5	1.3	13	47.5	19.5	88.41	46.03	0.96	6.62	Carbon
ESM 1.3×13×50×21.5	1.3	13	50	21.5	95.02	46.03	0.88	6.62	Carbon
ESM 1.3×13×52.5×22.5	1.3	13	52.5	22.5	101.63	46.03	0.8	6.62	Carbon
ESM 1.3×13×55×24.5	1.3	13	55	24.5	108.24	46.03	0.74	6.62	Carbon
ESM 1.3×13×57.5×26.5	1.3	13	57.5	26.5	114.85	46.03	0.69	6.62	Carbon
ESM 1.3×13×60×28.5	1.3	13	60	28.5	121.46	46.03	0.64	6.62	Carbon
ESM 1.3×13×62.5×30.5	1.3	13	62.5	30.5	128.07	46.03	0.6	6.62	Carbon
ESM 1.3×13×65×32.5	1.3	13	65	32.5	134.69	46.03	0.57	6.62	Carbon
ESM 1.3×13×67.5×34.5	1.3	13	67.5	34.5	141.3	46.03	0.53	6.62	Carbon
ESM 1.3×13×70×36.5	1.3	13	70	36.5	147.89	46.03	0.51	6.62	Carbon
ESM 1.3×13×72.5×38.5	1.3	13	72.5	38.5	154.51	46.03	0.48	6.62	Carbon
ESM 1.3×13×75×40.5	1.3	13	75	40.5	161.11	46.03	0.46	6.62	Carbon
ESM 1.3×13×77.5×42.5	1.3	13	77.5	42.5	167.73	46.03	0.44	6.62	Carbon
ESM 1.3×13×80×44.5	1.3	13	80	44.5	174.34	46.03	0.42	6.62	Carbon
ESM 1.3×13×82.5×46.5	1.3	13	82.5	46.5	180.96	46.03	0.4	6.62	Carbon
ESS 1.3×13×35×9.5	1.3	13	35	9.5	55.55	39.78	1.61	6.62	Stainless
ESS 1.3×13×37.5×11.5	1.3	13	37.5	11.5	62.2	39.78	1.34	6.62	Stainless
ESS 1.3×13×40×13.5	1.3	13	40	13.5	68.85	39.78	1.15	6.62	Stainless
ESS 1.3×13×42.5×15.5	1.3	13	42.5	15.5	75.5	39.78	1	6.62	Stainless
ESS 1.3×13×45×17.5	1.3	13	45	17.5	82.16	39.78	0.89	6.62	Stainless
ESS 1.3×13×47.5×19.5	1.3	13	47.5	19.5	88.81	39.78	0.8	6.62	Stainless
ESS 1.3×13×50×21.5	1.3	13	50	21.5	95.46	39.78	0.73	6.62	Stainless
ESS 1.3×13×52.5×22.5	1.3	13	52.5	22.5	102.1	39.78	0.67	6.62	Stainless
ESS 1.3×13×55×24.5	1.3	13	55	24.5	108.76	39.78	0.62	6.62	Stainless
ESS 1.3×13×57.5×26.5	1.3	13	57.5	26.5	115.41	39.78	0.57	6.62	Stainless
ESS 1.3×13×60×28.5	1.3	13	60	28.5	122.06	39.78	0.53	6.62	Stainless
ESS 1.3×13×62.5×30.5	1.3	13	62.5	30.5	128.71	39.78	0.5	6.62	Stainless
ESS 1.3×13×65×32.5	1.3	13	65	32.5	135.36	39.78	0.47	6.62	Stainless
ESS 1.3×13×67.5×34.5	1.3	13	67.5	34.5	142.01	39.78	0.45	6.62	Stainless
ESS 1.3×13×70×36.5	1.3	13	70	36.5	148.67	39.78	0.42	6.62	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×13×72.5×38.5	1.3	13	72.5	38.5	155.31	39.78	0.4	6.62	Stainless
ESS 1.3×13×75×40.5	1.3	13	75	40.5	161.96	39.78	0.38	6.62	Stainless
ESS 1.3×13×77.5×42.5	1.3	13	77.5	42.5	168.61	39.78	0.36	6.62	Stainless
ESS 1.3×13×80×44.5	1.3	13	80	44.5	175.28	39.78	0.35	6.62	Stainless
ESS 1.3×13×82.5×46.5	1.3	13	82.5	46.5	181.92	39.78	0.33	6.62	Stainless
ESM 1.4×13×35×9.5	1.4	13	35	9.5	52.25	57.6	2.82	8.98	Carbon
ESM 1.4×13×37.5×10.5	1.4	13	37.5	10.5	58.16	57.6	2.35	8.98	Carbon
ESM 1.4×13×40×12.5	1.4	13	40	12.5	64.07	57.6	2.02	8.98	Carbon
ESM 1.4×13×42.5×14.5	1.4	13	42.5	14.5	69.98	57.6	1.77	8.98	Carbon
ESM 1.4×13×45×16.5	1.4	13	45	16.5	75.89	57.6	1.57	8.98	Carbon
ESM 1.4×13×47.5×17.5	1.4	13	47.5	17.5	81.81	57.6	1.42	8.98	Carbon
ESM 1.4×13×50×19.5	1.4	13	50	19.5	87.71	57.6	1.29	8.98	Carbon
ESM 1.4×13×52.5×21.5	1.4	13	52.5	21.5	93.63	57.6	1.18	8.98	Carbon
ESM 1.4×13×55×23.5	1.4	13	55	23.5	99.54	57.6	1.09	8.98	Carbon
ESM 1.4×13×57.5×25.5	1.4	13	57.5	25.5	105.45	57.6	1.01	8.98	Carbon
ESM 1.4×13×60×26.5	1.4	13	60	26.5	111.36	57.6	0.95	8.98	Carbon
ESM 1.4×13×62.5×28.5	1.4	13	62.5	28.5	117.28	57.6	0.89	8.98	Carbon
ESM 1.4×13×65×30.5	1.4	13	65	30.5	123.18	57.6	0.84	8.98	Carbon
ESM 1.4×13×67.5×32.5	1.4	13	67.5	32.5	129.1	57.6	0.79	8.98	Carbon
ESM 1.4×13×70×34.5	1.4	13	70	34.5	135.01	57.6	0.75	8.98	Carbon
ESM 1.4×13×72.5×35.5	1.4	13	72.5	35.5	140.92	57.6	0.71	8.98	Carbon
ESM 1.4×13×75×37.5	1.4	13	75	37.5	146.83	57.6	0.68	8.98	Carbon
ESM 1.4×13×77.5×39.5	1.4	13	77.5	39.5	152.74	57.6	0.65	8.98	Carbon
ESM 1.4×13×80×41.5	1.4	13	80	41.5	158.66	57.6	0.62	8.98	Carbon
ESM 1.4×13×82.5×42.5	1.4	13	82.5	42.5	164.57	57.6	0.59	8.98	Carbon
ESS 1.4×13×35×9.5	1.4	13	35	9.5	52.35	49.73	2.35	8.98	Stainless
ESS 1.4×13×37.5×10.5	1.4	13	37.5	10.5	58.28	49.73	1.96	8.98	Stainless
ESS 1.4×13×40×12.5	1.4	13	40	12.5	64.21	49.73	1.68	8.98	Stainless
ESS 1.4×13×42.5×14.5	1.4	13	42.5	14.5	70.14	49.73	1.47	8.98	Stainless
ESS 1.4×13×45×16.5	1.4	13	45	16.5	76.07	49.73	1.31	8.98	Stainless
ESS 1.4×13×47.5×17.5	1.4	13	47.5	17.5	82	49.73	1.18	8.98	Stainless
ESS 1.4×13×50×19.5	1.4	13	50	19.5	87.93	49.73	1.07	8.98	Stainless
ESS 1.4×13×52.5×21.5	1.4	13	52.5	21.5	93.86	49.73	0.99	8.98	Stainless
ESS 1.4×13×55×23.5	1.4	13	55	23.5	99.79	49.73	0.91	8.98	Stainless
ESS 1.4×13×57.5×25.5	1.4	13	57.5	25.5	105.73	49.73	0.84	8.98	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×13×60×26.5	1.4	13	60	26.5	111.66	49.73	0.79	8.98	Stainless
ESS 1.4×13×62.5×28.5	1.4	13	62.5	28.5	117.58	49.73	0.74	8.98	Stainless
ESS 1.4×13×65×30.5	1.4	13	65	30.5	123.52	49.73	0.7	8.98	Stainless
ESS 1.4×13×67.5×32.5	1.4	13	67.5	32.5	129.44	49.73	0.66	8.98	Stainless
ESS 1.4×13×70×34.5	1.4	13	70	34.5	135.38	49.73	0.62	8.98	Stainless
ESS 1.4×13×72.5×35.5	1.4	13	72.5	35.5	141.3	49.73	0.59	8.98	Stainless
ESS 1.4×13×75×37.5	1.4	13	75	37.5	147.25	49.73	0.56	8.98	Stainless
ESS 1.4×13×77.5×39.5	1.4	13	77.5	39.5	153.17	49.73	0.54	8.98	Stainless
ESS 1.4×13×80×41.5	1.4	13	80	41.5	159.1	49.73	0.52	8.98	Stainless
ESS 1.4×13×82.5×42.5	1.4	13	82.5	42.5	165.03	49.73	0.49	8.98	Stainless
ESM 1.5×13×37.5×10.5	1.5	13	37.5	10.5	55.06	70.75	3.35	11.89	Carbon
ESM 1.5×13×40×11.5	1.5	13	40	11.5	60.4	70.75	2.88	11.89	Carbon
ESM 1.5×13×42.5×13.5	1.5	13	42.5	13.5	65.75	70.75	2.53	11.89	Carbon
ESM 1.5×13×45×15.5	1.5	13	45	15.5	71.1	70.75	2.25	11.89	Carbon
ESM 1.5×13×47.5×16.5	1.5	13	47.5	16.5	76.45	70.75	2.03	11.89	Carbon
ESM 1.5×13×50×18.5	1.5	13	50	18.5	81.8	70.75	1.85	11.89	Carbon
ESM 1.5×13×52.5×20.5	1.5	13	52.5	20.5	87.15	70.75	1.7	11.89	Carbon
ESM 1.5×13×55×21.5	1.5	13	55	21.5	92.5	70.75	1.57	11.89	Carbon
ESM 1.5×13×57.5×23.5	1.5	13	57.5	23.5	97.85	70.75	1.46	11.89	Carbon
ESM 1.5×13×60×25.5	1.5	13	60	25.5	103.2	70.75	1.36	11.89	Carbon
ESM 1.5×13×62.5×26.5	1.5	13	62.5	26.5	108.55	70.75	1.28	11.89	Carbon
ESM 1.5×13×65×28.5	1.5	13	65	28.5	113.9	70.75	1.2	11.89	Carbon
ESM 1.5×13×67.5×30.5	1.5	13	67.5	30.5	119.25	70.75	1.14	11.89	Carbon
ESM 1.5×13×70×31.5	1.5	13	70	31.5	124.6	70.75	1.08	11.89	Carbon
ESM 1.5×13×72.5×33.5	1.5	13	72.5	33.5	129.95	70.75	1.02	11.89	Carbon
ESM 1.5×13×75×35.5	1.5	13	75	35.5	135.3	70.75	0.98	11.89	Carbon
ESM 1.5×13×77.5×36.5	1.5	13	77.5	36.5	140.65	70.75	0.93	11.89	Carbon
ESM 1.5×13×80×38.5	1.5	13	80	38.5	146	70.75	0.89	11.89	Carbon
ESM 1.5×13×82.5×40.5	1.5	13	82.5	40.5	151.35	70.75	0.85	11.89	Carbon
ESM 1.5×13×85×41.5	1.5	13	85	41.5	156.71	70.75	0.82	11.89	Carbon
ESS 1.5×13×37.5×10.5	1.5	13	37.5	10.5	55.16	61.22	2.79	11.89	Stainless
ESS 1.5×13×40×11.5	1.5	13	40	11.5	60.52	61.22	2.4	11.89	Stainless
ESS 1.5×13×42.5×13.5	1.5	13	42.5	13.5	65.89	61.22	2.11	11.89	Stainless
ESS 1.5×13×45×15.5	1.5	13	45	15.5	71.25	61.22	1.88	11.89	Stainless
ESS 1.5×13×47.5×16.5	1.5	13	47.5	16.5	76.62	61.22	1.69	11.89	Stainless

M: Carbon Steel;
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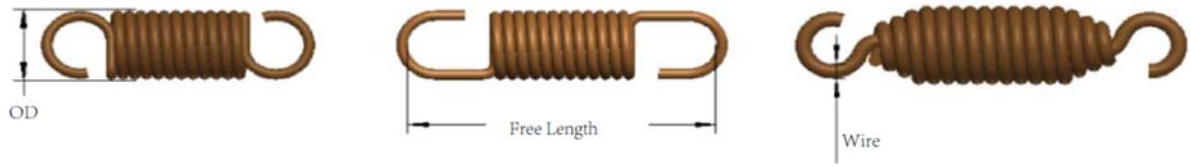
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×13×50×18.5	1.5	13	50	18.5	81.99	61.22	1.54	11.89	Stainless
ESS 1.5×13×52.5×20.5	1.5	13	52.5	20.5	87.35	61.22	1.42	11.89	Stainless
ESS 1.5×13×55×21.5	1.5	13	55	21.5	92.72	61.22	1.31	11.89	Stainless
ESS 1.5×13×57.5×23.5	1.5	13	57.5	23.5	98.09	61.22	1.22	11.89	Stainless
ESS 1.5×13×60×25.5	1.5	13	60	25.5	103.45	61.22	1.14	11.89	Stainless
ESS 1.5×13×62.5×26.5	1.5	13	62.5	26.5	108.82	61.22	1.07	11.89	Stainless
ESS 1.5×13×65×28.5	1.5	13	65	28.5	114.18	61.22	1	11.89	Stainless
ESS 1.5×13×67.5×30.5	1.5	13	67.5	30.5	119.55	61.22	0.95	11.89	Stainless
ESS 1.5×13×70×31.5	1.5	13	70	31.5	124.92	61.22	0.9	11.89	Stainless
ESS 1.5×13×72.5×33.5	1.5	13	72.5	33.5	130.28	61.22	0.85	11.89	Stainless
ESS 1.5×13×75×35.5	1.5	13	75	35.5	135.65	61.22	0.81	11.89	Stainless
ESS 1.5×13×77.5×36.5	1.5	13	77.5	36.5	141.02	61.22	0.78	11.89	Stainless
ESS 1.5×13×80×38.5	1.5	13	80	38.5	146.38	61.22	0.74	11.89	Stainless
ESS 1.5×13×82.5×40.5	1.5	13	82.5	40.5	151.75	61.22	0.71	11.89	Stainless
ESS 1.5×13×85×41.5	1.5	13	85	41.5	157.12	61.22	0.68	11.89	Stainless
ESM 1.6×13×37.5×9.5	1.6	13	37.5	9.5	52.61	86.03	4.67	15.41	Carbon
ESM 1.6×13×40×11.5	1.6	13	40	11.5	57.52	86.03	4.03	15.41	Carbon
ESM 1.6×13×42.5×12.5	1.6	13	42.5	12.5	62.44	86.03	3.54	15.41	Carbon
ESM 1.6×13×45×14.5	1.6	13	45	14.5	67.35	86.03	3.16	15.41	Carbon
ESM 1.6×13×47.5×16.5	1.6	13	47.5	16.5	72.26	86.03	2.85	15.41	Carbon
ESM 1.6×13×50×17.5	1.6	13	50	17.5	77.17	86.03	2.6	15.41	Carbon
ESM 1.6×13×52.5×19.5	1.6	13	52.5	19.5	82.09	86.03	2.39	15.41	Carbon
ESM 1.6×13×55×20.5	1.6	13	55	20.5	87	86.03	2.21	15.41	Carbon
ESM 1.6×13×57.5×22.5	1.6	13	57.5	22.5	91.91	86.03	2.05	15.41	Carbon
ESM 1.6×13×60×23.5	1.6	13	60	23.5	96.82	86.03	1.92	15.41	Carbon
ESM 1.6×13×62.5×25.5	1.6	13	62.5	25.5	101.73	86.03	1.8	15.41	Carbon
ESM 1.6×13×65×26.5	1.6	13	65	26.5	106.65	86.03	1.7	15.41	Carbon
ESM 1.6×13×67.5×28.5	1.6	13	67.5	28.5	111.56	86.03	1.6	15.41	Carbon
ESM 1.6×13×70×30.5	1.6	13	70	30.5	116.47	86.03	1.52	15.41	Carbon
ESM 1.6×13×72.5×31.5	1.6	13	72.5	31.5	121.38	86.03	1.44	15.41	Carbon
ESM 1.6×13×75×33.5	1.6	13	75	33.5	126.3	86.03	1.38	15.41	Carbon
ESM 1.6×13×77.5×34.5	1.6	13	77.5	34.5	131.21	86.03	1.31	15.41	Carbon
ESM 1.6×13×80×36.5	1.6	13	80	36.5	136.12	86.03	1.26	15.41	Carbon
ESM 1.6×13×82.5×37.5	1.6	13	82.5	37.5	141.03	86.03	1.21	15.41	Carbon
ESM 1.6×13×85×39.5	1.6	13	85	39.5	145.95	86.03	1.16	15.41	Carbon

M: Carbon Steel;
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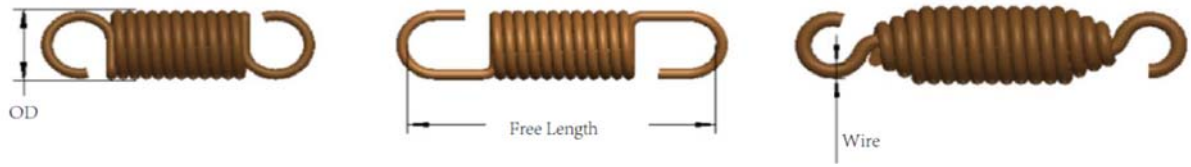
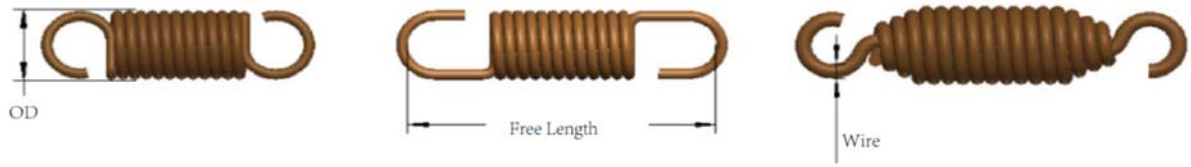
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.6×13×37.5×9.5	1.6	13	37.5	9.5	52.64	74.37	3.89	15.41	Stainless
ESS 1.6×13×40×11.5	1.6	13	40	11.5	57.55	74.37	3.36	15.41	Stainless
ESS 1.6×13×42.5×12.5	1.6	13	42.5	12.5	62.47	74.37	2.95	15.41	Stainless
ESS 1.6×13×45×14.5	1.6	13	45	14.5	67.39	74.37	2.63	15.41	Stainless
ESS 1.6×13×47.5×16.5	1.6	13	47.5	16.5	72.3	74.37	2.38	15.41	Stainless
ESS 1.6×13×50×17.5	1.6	13	50	17.5	77.22	74.37	2.17	15.41	Stainless
ESS 1.6×13×52.5×19.5	1.6	13	52.5	19.5	82.14	74.37	1.99	15.41	Stainless
ESS 1.6×13×55×20.5	1.6	13	55	20.5	87.05	74.37	1.84	15.41	Stainless
ESS 1.6×13×57.5×22.5	1.6	13	57.5	22.5	91.97	74.37	1.71	15.41	Stainless
ESS 1.6×13×60×23.5	1.6	13	60	23.5	96.89	74.37	1.6	15.41	Stainless
ESS 1.6×13×62.5×25.5	1.6	13	62.5	25.5	101.8	74.37	1.5	15.41	Stainless
ESS 1.6×13×65×26.5	1.6	13	65	26.5	106.72	74.37	1.41	15.41	Stainless
ESS 1.6×13×67.5×28.5	1.6	13	67.5	28.5	111.64	74.37	1.34	15.41	Stainless
ESS 1.6×13×70×30.5	1.6	13	70	30.5	116.55	74.37	1.27	15.41	Stainless
ESS 1.6×13×72.5×31.5	1.6	13	72.5	31.5	121.47	74.37	1.2	15.41	Stainless
ESS 1.6×13×75×33.5	1.6	13	75	33.5	126.39	74.37	1.15	15.41	Stainless
ESS 1.6×13×77.5×34.5	1.6	13	77.5	34.5	131.31	74.37	1.1	15.41	Stainless
ESS 1.6×13×80×36.5	1.6	13	80	36.5	136.22	74.37	1.05	15.41	Stainless
ESS 1.6×13×82.5×37.5	1.6	13	82.5	37.5	141.14	74.37	1.01	15.41	Stainless
ESS 1.6×13×85×39.5	1.6	13	85	39.5	146.06	74.37	0.97	15.41	Stainless
ESM 1×14×37.5×12.5	1	14	37.5	12.5	82.52	19.29	0.39	1.78	Carbon
ESM 1×14×40×14.5	1	14	40	14.5	94.32	19.29	0.32	1.78	Carbon
ESM 1×14×42.5×17.5	1	14	42.5	17.5	106.13	19.29	0.28	1.78	Carbon
ESM 1×14×45×19.5	1	14	45	19.5	117.94	19.29	0.24	1.78	Carbon
ESM 1×14×47.5×22.5	1	14	47.5	22.5	129.72	19.29	0.21	1.78	Carbon
ESM 1×14×50×24.5	1	14	50	24.5	141.54	19.29	0.19	1.78	Carbon
ESM 1×14×52.5×27.5	1	14	52.5	27.5	153.32	19.29	0.17	1.78	Carbon
ESM 1×14×55×29.5	1	14	55	29.5	165.14	19.29	0.16	1.78	Carbon
ESM 1×14×57.5×32.5	1	14	57.5	32.5	176.95	19.29	0.15	1.78	Carbon
ESM 1×14×60×34.5	1	14	60	34.5	188.76	19.29	0.14	1.78	Carbon
ESM 1×14×62.5×37.5	1	14	62.5	37.5	200.5	19.29	0.13	1.78	Carbon
ESM 1×14×65×39.5	1	14	65	39.5	212.28	19.29	0.12	1.78	Carbon
ESM 1×14×67.5×42.5	1	14	67.5	42.5	224.14	19.29	0.11	1.78	Carbon
ESM 1×14×70×44.5	1	14	70	44.5	235.99	19.29	0.11	1.78	Carbon
ESS 1×14×37.5×12.5	1	14	37.5	12.5	83.43	16.67	0.32	1.78	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1×14×40×14.5	1	14	40	14.5	95.43	16.67	0.27	1.78	Stainless
ESS 1×14×42.5×17.5	1	14	42.5	17.5	107.41	16.67	0.23	1.78	Stainless
ESS 1×14×45×19.5	1	14	45	19.5	119.41	16.67	0.2	1.78	Stainless
ESS 1×14×47.5×22.5	1	14	47.5	22.5	131.39	16.67	0.18	1.78	Stainless
ESS 1×14×50×24.5	1	14	50	24.5	143.41	16.67	0.16	1.78	Stainless
ESS 1×14×52.5×27.5	1	14	52.5	27.5	155.4	16.67	0.14	1.78	Stainless
ESS 1×14×55×29.5	1	14	55	29.5	167.37	16.67	0.13	1.78	Stainless
ESS 1×14×57.5×32.5	1	14	57.5	32.5	179.35	16.67	0.12	1.78	Stainless
ESS 1×14×60×34.5	1	14	60	34.5	191.3	16.67	0.11	1.78	Stainless
ESS 1×14×62.5×37.5	1	14	62.5	37.5	203.37	16.67	0.11	1.78	Stainless
ESS 1×14×65×39.5	1	14	65	39.5	215.4	16.67	0.1	1.78	Stainless
ESS 1×14×67.5×42.5	1	14	67.5	42.5	227.26	16.67	0.09	1.78	Stainless
ESS 1×14×70×44.5	1	14	70	44.5	239.39	16.67	0.09	1.78	Stainless
ESM 1.1×14×37.5×11.5	1.1	14	37.5	11.5	74.11	25.71	0.63	2.73	Carbon
ESM 1.1×14×40×13.5	1.1	14	40	13.5	84.02	25.71	0.52	2.73	Carbon
ESM 1.1×14×42.5×15.5	1.1	14	42.5	15.5	93.92	25.71	0.45	2.73	Carbon
ESM 1.1×14×45×18.5	1.1	14	45	18.5	103.83	25.71	0.39	2.73	Carbon
ESM 1.1×14×47.5×20.5	1.1	14	47.5	20.5	113.75	25.71	0.35	2.73	Carbon
ESM 1.1×14×50×22.5	1.1	14	50	22.5	123.63	25.71	0.31	2.73	Carbon
ESM 1.1×14×52.5×24.5	1.1	14	52.5	24.5	133.56	25.71	0.28	2.73	Carbon
ESM 1.1×14×55×27.5	1.1	14	55	27.5	143.45	25.71	0.26	2.73	Carbon
ESM 1.1×14×57.5×29.5	1.1	14	57.5	29.5	153.37	25.71	0.24	2.73	Carbon
ESM 1.1×14×60×31.5	1.1	14	60	31.5	163.28	25.71	0.22	2.73	Carbon
ESM 1.1×14×62.5×33.5	1.1	14	62.5	33.5	173.2	25.71	0.21	2.73	Carbon
ESM 1.1×14×65×36.5	1.1	14	65	36.5	183.09	25.71	0.19	2.73	Carbon
ESM 1.1×14×67.5×38.5	1.1	14	67.5	38.5	193.01	25.71	0.18	2.73	Carbon
ESM 1.1×14×70×40.5	1.1	14	70	40.5	202.91	25.71	0.17	2.73	Carbon
ESS 1.1×14×37.5×11.5	1.1	14	37.5	11.5	74.71	22.19	0.52	2.73	Stainless
ESS 1.1×14×40×13.5	1.1	14	40	13.5	84.74	22.19	0.44	2.73	Stainless
ESS 1.1×14×42.5×15.5	1.1	14	42.5	15.5	94.76	22.19	0.37	2.73	Stainless
ESS 1.1×14×45×18.5	1.1	14	45	18.5	104.79	22.19	0.33	2.73	Stainless
ESS 1.1×14×47.5×20.5	1.1	14	47.5	20.5	114.82	22.19	0.29	2.73	Stainless
ESS 1.1×14×50×22.5	1.1	14	50	22.5	124.86	22.19	0.26	2.73	Stainless
ESS 1.1×14×52.5×24.5	1.1	14	52.5	24.5	134.87	22.19	0.24	2.73	Stainless
ESS 1.1×14×55×27.5	1.1	14	55	27.5	144.9	22.19	0.22	2.73	Stainless

M: Carbon Steel;
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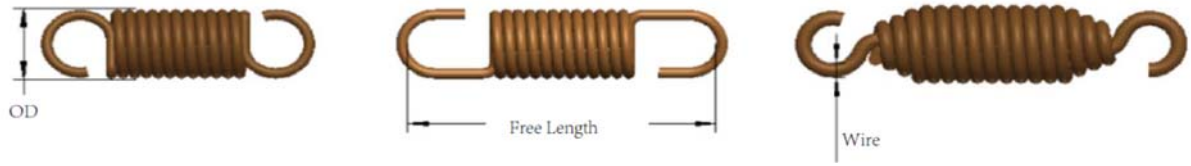
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.1×14×57.5×29.5	1.1	14	57.5	29.5	154.91	22.19	0.2	2.73	Stainless
ESS 1.1×14×60×31.5	1.1	14	60	31.5	164.92	22.19	0.19	2.73	Stainless
ESS 1.1×14×62.5×33.5	1.1	14	62.5	33.5	175	22.19	0.17	2.73	Stainless
ESS 1.1×14×65×36.5	1.1	14	65	36.5	184.99	22.19	0.16	2.73	Stainless
ESS 1.1×14×67.5×38.5	1.1	14	67.5	38.5	195.04	22.19	0.15	2.73	Stainless
ESS 1.1×14×70×40.5	1.1	14	70	40.5	205.07	22.19	0.14	2.73	Stainless
ESM 1.2×14×37.5×10.5	1.2	14	37.5	10.5	67.66	33.31	0.97	3.99	Carbon
ESM 1.2×14×40×12.5	1.2	14	40	12.5	76.13	33.31	0.81	3.99	Carbon
ESM 1.2×14×42.5×14.5	1.2	14	42.5	14.5	84.61	33.31	0.7	3.99	Carbon
ESM 1.2×14×45×16.5	1.2	14	45	16.5	93.08	33.31	0.61	3.99	Carbon
ESM 1.2×14×47.5×18.5	1.2	14	47.5	18.5	101.55	33.31	0.54	3.99	Carbon
ESM 1.2×14×50×20.5	1.2	14	50	20.5	110.03	33.31	0.49	3.99	Carbon
ESM 1.2×14×52.5×23.5	1.2	14	52.5	23.5	118.5	33.31	0.44	3.99	Carbon
ESM 1.2×14×55×25.5	1.2	14	55	25.5	126.98	33.31	0.41	3.99	Carbon
ESM 1.2×14×57.5×27.5	1.2	14	57.5	27.5	135.46	33.31	0.38	3.99	Carbon
ESM 1.2×14×60×29.5	1.2	14	60	29.5	143.91	33.31	0.35	3.99	Carbon
ESM 1.2×14×62.5×31.5	1.2	14	62.5	31.5	152.41	33.31	0.33	3.99	Carbon
ESM 1.2×14×65×33.5	1.2	14	65	33.5	160.88	33.31	0.31	3.99	Carbon
ESM 1.2×14×67.5×35.5	1.2	14	67.5	35.5	169.34	33.31	0.29	3.99	Carbon
ESM 1.2×14×70×37.5	1.2	14	70	37.5	177.83	33.31	0.27	3.99	Carbon
ESS 1.2×14×37.5×10.5	1.2	14	37.5	10.5	68.14	28.82	0.81	3.99	Stainless
ESS 1.2×14×40×12.5	1.2	14	40	12.5	76.72	28.82	0.68	3.99	Stainless
ESS 1.2×14×42.5×14.5	1.2	14	42.5	14.5	85.28	28.82	0.58	3.99	Stainless
ESS 1.2×14×45×16.5	1.2	14	45	16.5	93.85	28.82	0.51	3.99	Stainless
ESS 1.2×14×47.5×18.5	1.2	14	47.5	18.5	102.43	28.82	0.45	3.99	Stainless
ESS 1.2×14×50×20.5	1.2	14	50	20.5	111	28.82	0.41	3.99	Stainless
ESS 1.2×14×52.5×23.5	1.2	14	52.5	23.5	119.56	28.82	0.37	3.99	Stainless
ESS 1.2×14×55×25.5	1.2	14	55	25.5	128.13	28.82	0.34	3.99	Stainless
ESS 1.2×14×57.5×27.5	1.2	14	57.5	27.5	136.72	28.82	0.31	3.99	Stainless
ESS 1.2×14×60×29.5	1.2	14	60	29.5	145.29	28.82	0.29	3.99	Stainless
ESS 1.2×14×62.5×31.5	1.2	14	62.5	31.5	153.84	28.82	0.27	3.99	Stainless
ESS 1.2×14×65×33.5	1.2	14	65	33.5	162.44	28.82	0.25	3.99	Stainless
ESS 1.2×14×67.5×35.5	1.2	14	67.5	35.5	170.99	28.82	0.24	3.99	Stainless
ESS 1.2×14×70×37.5	1.2	14	70	37.5	179.56	28.82	0.23	3.99	Stainless
ESM 1.3×14×37.5×9.5	1.3	14	37.5	9.5	62.78	42.41	1.46	5.62	Carbon

M: Carbon Steel;
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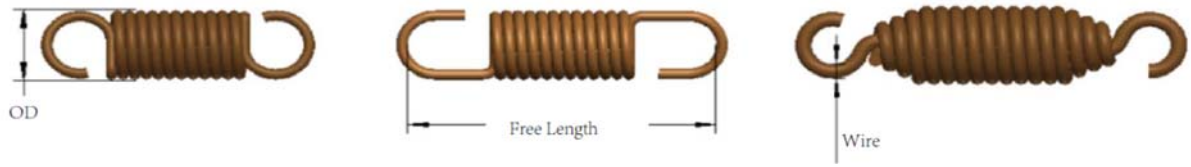
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.3×14×40×11.5	1.3	14	40	11.5	70.18	42.41	1.22	5.62	Carbon
ESM 1.3×14×42.5×13.5	1.3	14	42.5	13.5	77.59	42.41	1.05	5.62	Carbon
ESM 1.3×14×45×15.5	1.3	14	45	15.5	84.99	42.41	0.92	5.62	Carbon
ESM 1.3×14×47.5×17.5	1.3	14	47.5	17.5	92.4	42.41	0.82	5.62	Carbon
ESM 1.3×14×50×19.5	1.3	14	50	19.5	99.81	42.41	0.74	5.62	Carbon
ESM 1.3×14×52.5×21.5	1.3	14	52.5	21.5	107.21	42.41	0.67	5.62	Carbon
ESM 1.3×14×55×23.5	1.3	14	55	23.5	114.62	42.41	0.62	5.62	Carbon
ESM 1.3×14×57.5×25.5	1.3	14	57.5	25.5	122.02	42.41	0.57	5.62	Carbon
ESM 1.3×14×60×27.5	1.3	14	60	27.5	129.43	42.41	0.53	5.62	Carbon
ESM 1.3×14×62.5×29.5	1.3	14	62.5	29.5	136.84	42.41	0.49	5.62	Carbon
ESM 1.3×14×65×31.5	1.3	14	65	31.5	144.24	42.41	0.46	5.62	Carbon
ESM 1.3×14×67.5×32.5	1.3	14	67.5	32.5	151.65	42.41	0.44	5.62	Carbon
ESM 1.3×14×70×34.5	1.3	14	70	34.5	159.06	42.41	0.41	5.62	Carbon
ESM 1.3×14×72.5×36.5	1.3	14	72.5	36.5	166.45	42.41	0.39	5.62	Carbon
ESM 1.3×14×75×38.5	1.3	14	75	38.5	173.88	42.41	0.37	5.62	Carbon
ESM 1.3×14×77.5×40.5	1.3	14	77.5	40.5	181.26	42.41	0.35	5.62	Carbon
ESM 1.3×14×80×42.5	1.3	14	80	42.5	188.67	42.41	0.34	5.62	Carbon
ESM 1.3×14×82.5×44.5	1.3	14	82.5	44.5	196.1	42.41	0.32	5.62	Carbon
ESM 1.3×14×85×46.5	1.3	14	85	46.5	203.5	42.41	0.31	5.62	Carbon
ESS 1.3×14×37.5×9.5	1.3	14	37.5	9.5	63.08	36.65	1.21	5.62	Stainless
ESS 1.3×14×40×11.5	1.3	14	40	11.5	70.55	36.65	1.02	5.62	Stainless
ESS 1.3×14×42.5×13.5	1.3	14	42.5	13.5	78.02	36.65	0.87	5.62	Stainless
ESS 1.3×14×45×15.5	1.3	14	45	15.5	85.48	36.65	0.77	5.62	Stainless
ESS 1.3×14×47.5×17.5	1.3	14	47.5	17.5	92.95	36.65	0.68	5.62	Stainless
ESS 1.3×14×50×19.5	1.3	14	50	19.5	100.42	36.65	0.62	5.62	Stainless
ESS 1.3×14×52.5×21.5	1.3	14	52.5	21.5	107.88	36.65	0.56	5.62	Stainless
ESS 1.3×14×55×23.5	1.3	14	55	23.5	115.35	36.65	0.51	5.62	Stainless
ESS 1.3×14×57.5×25.5	1.3	14	57.5	25.5	122.82	36.65	0.48	5.62	Stainless
ESS 1.3×14×60×27.5	1.3	14	60	27.5	130.27	36.65	0.44	5.62	Stainless
ESS 1.3×14×62.5×29.5	1.3	14	62.5	29.5	137.75	36.65	0.41	5.62	Stainless
ESS 1.3×14×65×31.5	1.3	14	65	31.5	145.21	36.65	0.39	5.62	Stainless
ESS 1.3×14×67.5×32.5	1.3	14	67.5	32.5	152.67	36.65	0.36	5.62	Stainless
ESS 1.3×14×70×34.5	1.3	14	70	34.5	160.14	36.65	0.34	5.62	Stainless
ESS 1.3×14×72.5×36.5	1.3	14	72.5	36.5	167.61	36.65	0.33	5.62	Stainless
ESS 1.3×14×75×38.5	1.3	14	75	38.5	175.08	36.65	0.31	5.62	Stainless

M: Carbon Steel;
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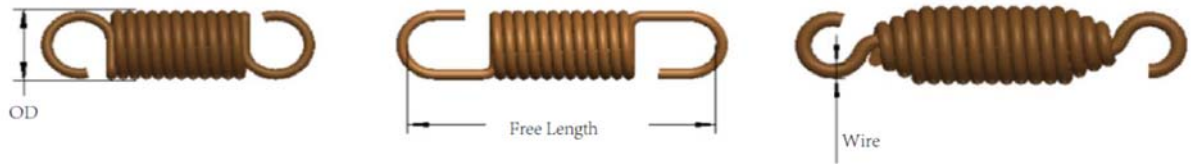
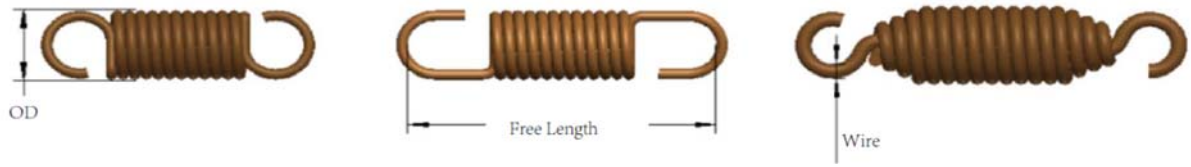
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×14×77.5×40.5	1.3	14	77.5	40.5	182.53	36.65	0.3	5.62	Stainless
ESS 1.3×14×80×42.5	1.3	14	80	42.5	190.02	36.65	0.28	5.62	Stainless
ESS 1.3×14×82.5×44.5	1.3	14	82.5	44.5	197.45	36.65	0.27	5.62	Stainless
ESS 1.3×14×85×46.5	1.3	14	85	46.5	204.93	36.65	0.26	5.62	Stainless
ESM 1.4×14×37.5×9.5	1.4	14	37.5	9.5	58.94	53.03	2.12	7.67	Carbon
ESM 1.4×14×40×11.5	1.4	14	40	11.5	65.52	53.03	1.78	7.67	Carbon
ESM 1.4×14×42.5×12.5	1.4	14	42.5	12.5	72.1	53.03	1.53	7.67	Carbon
ESM 1.4×14×45×14.5	1.4	14	45	14.5	78.67	53.03	1.35	7.67	Carbon
ESM 1.4×14×47.5×16.5	1.4	14	47.5	16.5	85.25	53.03	1.2	7.67	Carbon
ESM 1.4×14×50×18.5	1.4	14	50	18.5	91.83	53.03	1.08	7.67	Carbon
ESM 1.4×14×52.5×20.5	1.4	14	52.5	20.5	98.41	53.03	0.99	7.67	Carbon
ESM 1.4×14×55×21.5	1.4	14	55	21.5	104.99	53.03	0.91	7.67	Carbon
ESM 1.4×14×57.5×23.5	1.4	14	57.5	23.5	111.57	53.03	0.84	7.67	Carbon
ESM 1.4×14×60×25.5	1.4	14	60	25.5	118.14	53.03	0.78	7.67	Carbon
ESM 1.4×14×62.5×27.5	1.4	14	62.5	27.5	124.73	53.03	0.73	7.67	Carbon
ESM 1.4×14×65×29.5	1.4	14	65	29.5	131.3	53.03	0.68	7.67	Carbon
ESM 1.4×14×67.5×30.5	1.4	14	67.5	30.5	137.88	53.03	0.64	7.67	Carbon
ESM 1.4×14×70×32.5	1.4	14	70	32.5	144.45	53.03	0.61	7.67	Carbon
ESM 1.4×14×72.5×34.5	1.4	14	72.5	34.5	151.04	53.03	0.58	7.67	Carbon
ESM 1.4×14×75×36.5	1.4	14	75	36.5	157.62	53.03	0.55	7.67	Carbon
ESM 1.4×14×77.5×37.5	1.4	14	77.5	37.5	164.19	53.03	0.52	7.67	Carbon
ESM 1.4×14×80×39.5	1.4	14	80	39.5	170.77	53.03	0.5	7.67	Carbon
ESM 1.4×14×82.5×41.5	1.4	14	82.5	41.5	177.35	53.03	0.48	7.67	Carbon
ESM 1.4×14×85×43.5	1.4	14	85	43.5	183.93	53.03	0.46	7.67	Carbon
ESS 1.4×14×37.5×9.5	1.4	14	37.5	9.5	59.11	45.78	1.76	7.67	Stainless
ESS 1.4×14×40×11.5	1.4	14	40	11.5	65.73	45.78	1.48	7.67	Stainless
ESS 1.4×14×42.5×12.5	1.4	14	42.5	12.5	72.34	45.78	1.28	7.67	Stainless
ESS 1.4×14×45×14.5	1.4	14	45	14.5	78.95	45.78	1.12	7.67	Stainless
ESS 1.4×14×47.5×16.5	1.4	14	47.5	16.5	85.56	45.78	1	7.67	Stainless
ESS 1.4×14×50×18.5	1.4	14	50	18.5	92.18	45.78	0.9	7.67	Stainless
ESS 1.4×14×52.5×20.5	1.4	14	52.5	20.5	98.79	45.78	0.82	7.67	Stainless
ESS 1.4×14×55×21.5	1.4	14	55	21.5	105.4	45.78	0.76	7.67	Stainless
ESS 1.4×14×57.5×23.5	1.4	14	57.5	23.5	112.01	45.78	0.7	7.67	Stainless
ESS 1.4×14×60×25.5	1.4	14	60	25.5	118.62	45.78	0.65	7.67	Stainless
ESS 1.4×14×62.5×27.5	1.4	14	62.5	27.5	125.24	45.78	0.61	7.67	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×14×65×29.5	1.4	14	65	29.5	131.85	45.78	0.57	7.67	Stainless
ESS 1.4×14×67.5×30.5	1.4	14	67.5	30.5	138.47	45.78	0.54	7.67	Stainless
ESS 1.4×14×70×32.5	1.4	14	70	32.5	145.08	45.78	0.51	7.67	Stainless
ESS 1.4×14×72.5×34.5	1.4	14	72.5	34.5	151.68	45.78	0.48	7.67	Stainless
ESS 1.4×14×75×36.5	1.4	14	75	36.5	158.3	45.78	0.46	7.67	Stainless
ESS 1.4×14×77.5×37.5	1.4	14	77.5	37.5	164.91	45.78	0.44	7.67	Stainless
ESS 1.4×14×80×39.5	1.4	14	80	39.5	171.52	45.78	0.42	7.67	Stainless
ESS 1.4×14×82.5×41.5	1.4	14	82.5	41.5	178.13	45.78	0.4	7.67	Stainless
ESS 1.4×14×85×43.5	1.4	14	85	43.5	184.74	45.78	0.38	7.67	Stainless
ESM 1.5×14×37.5×8.5	1.5	14	37.5	8.5	55.79	65.09	3	10.2	Carbon
ESM 1.5×14×40×10.5	1.5	14	40	10.5	61.71	65.09	2.53	10.2	Carbon
ESM 1.5×14×42.5×12.5	1.5	14	42.5	12.5	67.62	65.09	2.19	10.2	Carbon
ESM 1.5×14×45×13.5	1.5	14	45	13.5	73.53	65.09	1.92	10.2	Carbon
ESM 1.5×14×47.5×15.5	1.5	14	47.5	15.5	79.45	65.09	1.72	10.2	Carbon
ESM 1.5×14×50×17.5	1.5	14	50	17.5	85.36	65.09	1.55	10.2	Carbon
ESM 1.5×14×52.5×18.5	1.5	14	52.5	18.5	91.27	65.09	1.42	10.2	Carbon
ESM 1.5×14×55×20.5	1.5	14	55	20.5	97.18	65.09	1.3	10.2	Carbon
ESM 1.5×14×57.5×22.5	1.5	14	57.5	22.5	103.1	65.09	1.2	10.2	Carbon
ESM 1.5×14×60×23.5	1.5	14	60	23.5	109.01	65.09	1.12	10.2	Carbon
ESM 1.5×14×62.5×25.5	1.5	14	62.5	25.5	114.92	65.09	1.05	10.2	Carbon
ESM 1.5×14×65×27.5	1.5	14	65	27.5	120.84	65.09	0.98	10.2	Carbon
ESM 1.5×14×67.5×28.5	1.5	14	67.5	28.5	126.75	65.09	0.93	10.2	Carbon
ESM 1.5×14×70×30.5	1.5	14	70	30.5	132.66	65.09	0.88	10.2	Carbon
ESM 1.5×14×72.5×32.5	1.5	14	72.5	32.5	138.57	65.09	0.83	10.2	Carbon
ESM 1.5×14×75×33.5	1.5	14	75	33.5	144.49	65.09	0.79	10.2	Carbon
ESM 1.5×14×77.5×35.5	1.5	14	77.5	35.5	150.4	65.09	0.75	10.2	Carbon
ESM 1.5×14×80×37.5	1.5	14	80	37.5	156.32	65.09	0.72	10.2	Carbon
ESM 1.5×14×82.5×38.5	1.5	14	82.5	38.5	162.23	65.09	0.69	10.2	Carbon
ESM 1.5×14×85×40.5	1.5	14	85	40.5	168.14	65.09	0.66	10.2	Carbon
ESS 1.5×14×37.5×8.5	1.5	14	37.5	8.5	55.95	56.32	2.5	10.2	Stainless
ESS 1.5×14×40×10.5	1.5	14	40	10.5	61.89	56.32	2.11	10.2	Stainless
ESS 1.5×14×42.5×12.5	1.5	14	42.5	12.5	67.83	56.32	1.82	10.2	Stainless
ESS 1.5×14×45×13.5	1.5	14	45	13.5	73.77	56.32	1.6	10.2	Stainless
ESS 1.5×14×47.5×15.5	1.5	14	47.5	15.5	79.71	56.32	1.43	10.2	Stainless
ESS 1.5×14×50×17.5	1.5	14	50	17.5	85.65	56.32	1.29	10.2	Stainless

M: Carbon Steel;
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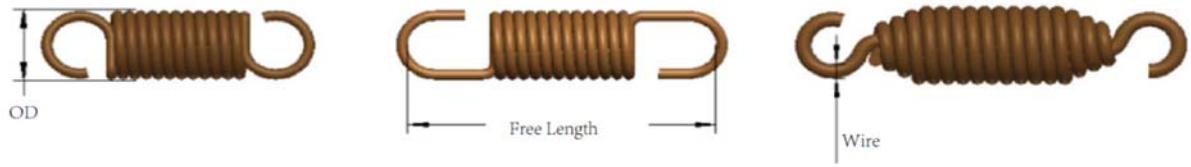
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×14×52.5×18.5	1.5	14	52.5	18.5	91.6	56.32	1.18	10.2	Stainless
ESS 1.5×14×55×20.5	1.5	14	55	20.5	97.53	56.32	1.08	10.2	Stainless
ESS 1.5×14×57.5×22.5	1.5	14	57.5	22.5	103.48	56.32	1	10.2	Stainless
ESS 1.5×14×60×23.5	1.5	14	60	23.5	109.42	56.32	0.93	10.2	Stainless
ESS 1.5×14×62.5×25.5	1.5	14	62.5	25.5	115.36	56.32	0.87	10.2	Stainless
ESS 1.5×14×65×27.5	1.5	14	65	27.5	121.3	56.32	0.82	10.2	Stainless
ESS 1.5×14×67.5×28.5	1.5	14	67.5	28.5	127.24	56.32	0.77	10.2	Stainless
ESS 1.5×14×70×30.5	1.5	14	70	30.5	133.19	56.32	0.73	10.2	Stainless
ESS 1.5×14×72.5×32.5	1.5	14	72.5	32.5	139.13	56.32	0.69	10.2	Stainless
ESS 1.5×14×75×33.5	1.5	14	75	33.5	145.07	56.32	0.66	10.2	Stainless
ESS 1.5×14×77.5×35.5	1.5	14	77.5	35.5	151.01	56.32	0.63	10.2	Stainless
ESS 1.5×14×80×37.5	1.5	14	80	37.5	156.96	56.32	0.6	10.2	Stainless
ESS 1.5×14×82.5×38.5	1.5	14	82.5	38.5	162.89	56.32	0.57	10.2	Stainless
ESS 1.5×14×85×40.5	1.5	14	85	40.5	168.84	56.32	0.55	10.2	Stainless
ESM 1.6×14×37.5×8.5	1.6	14	37.5	8.5	53.31	79.09	4.16	13.27	Carbon
ESM 1.6×14×40×10.5	1.6	14	40	10.5	58.71	79.09	3.52	13.27	Carbon
ESM 1.6×14×42.5×11.5	1.6	14	42.5	11.5	64.1	79.09	3.05	13.27	Carbon
ESM 1.6×14×45×13.5	1.6	14	45	13.5	69.49	79.09	2.69	13.27	Carbon
ESM 1.6×14×47.5×14.5	1.6	14	47.5	14.5	74.89	79.09	2.4	13.27	Carbon
ESM 1.6×14×50×16.5	1.6	14	50	16.5	80.28	79.09	2.17	13.27	Carbon
ESM 1.6×14×52.5×17.5	1.6	14	52.5	17.5	85.67	79.09	1.98	13.27	Carbon
ESM 1.6×14×55×19.5	1.6	14	55	19.5	91.07	79.09	1.83	13.27	Carbon
ESM 1.6×14×57.5×21.5	1.6	14	57.5	21.5	96.46	79.09	1.69	13.27	Carbon
ESM 1.6×14×60×22.5	1.6	14	60	22.5	101.86	79.09	1.57	13.27	Carbon
ESM 1.6×14×62.5×24.5	1.6	14	62.5	24.5	107.25	79.09	1.47	13.27	Carbon
ESM 1.6×14×65×25.5	1.6	14	65	25.5	112.64	79.09	1.38	13.27	Carbon
ESM 1.6×14×67.5×27.5	1.6	14	67.5	27.5	118.03	79.09	1.3	13.27	Carbon
ESM 1.6×14×70×28.5	1.6	14	70	28.5	123.43	79.09	1.23	13.27	Carbon
ESM 1.6×14×72.5×30.5	1.6	14	72.5	30.5	128.82	79.09	1.17	13.27	Carbon
ESM 1.6×14×75×31.5	1.6	14	75	31.5	134.22	79.09	1.11	13.27	Carbon
ESM 1.6×14×77.5×33.5	1.6	14	77.5	33.5	139.61	79.09	1.06	13.27	Carbon
ESM 1.6×14×80×35.5	1.6	14	80	35.5	145.01	79.09	1.01	13.27	Carbon
ESM 1.6×14×82.5×36.5	1.6	14	82.5	36.5	150.4	79.09	0.97	13.27	Carbon
ESM 1.6×14×85×38.5	1.6	14	85	38.5	155.8	79.09	0.93	13.27	Carbon
ESS 1.6×14×37.5×8.5	1.6	14	37.5	8.5	53.38	68.37	3.47	13.27	Stainless

M: Carbon Steel;
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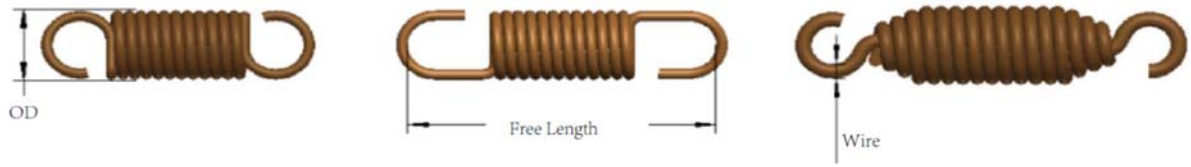
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.6×14×40×10.5	1.6	14	40	10.5	58.79	68.37	2.93	13.27	Stainless
ESS 1.6×14×42.5×11.5	1.6	14	42.5	11.5	64.2	68.37	2.54	13.27	Stainless
ESS 1.6×14×45×13.5	1.6	14	45	13.5	69.6	68.37	2.24	13.27	Stainless
ESS 1.6×14×47.5×14.5	1.6	14	47.5	14.5	75.01	68.37	2	13.27	Stainless
ESS 1.6×14×50×16.5	1.6	14	50	16.5	80.42	68.37	1.81	13.27	Stainless
ESS 1.6×14×52.5×17.5	1.6	14	52.5	17.5	85.82	68.37	1.65	13.27	Stainless
ESS 1.6×14×55×19.5	1.6	14	55	19.5	91.23	68.37	1.52	13.27	Stainless
ESS 1.6×14×57.5×21.5	1.6	14	57.5	21.5	96.64	68.37	1.41	13.27	Stainless
ESS 1.6×14×60×22.5	1.6	14	60	22.5	102.04	68.37	1.31	13.27	Stainless
ESS 1.6×14×62.5×24.5	1.6	14	62.5	24.5	107.45	68.37	1.23	13.27	Stainless
ESS 1.6×14×65×25.5	1.6	14	65	25.5	112.86	68.37	1.15	13.27	Stainless
ESS 1.6×14×67.5×27.5	1.6	14	67.5	27.5	118.26	68.37	1.09	13.27	Stainless
ESS 1.6×14×70×28.5	1.6	14	70	28.5	123.67	68.37	1.03	13.27	Stainless
ESS 1.6×14×72.5×30.5	1.6	14	72.5	30.5	129.08	68.37	0.97	13.27	Stainless
ESS 1.6×14×75×31.5	1.6	14	75	31.5	134.48	68.37	0.93	13.27	Stainless
ESS 1.6×14×77.5×33.5	1.6	14	77.5	33.5	139.89	68.37	0.88	13.27	Stainless
ESS 1.6×14×80×35.5	1.6	14	80	35.5	145.29	68.37	0.84	13.27	Stainless
ESS 1.6×14×82.5×36.5	1.6	14	82.5	36.5	150.7	68.37	0.81	13.27	Stainless
ESS 1.6×14×85×38.5	1.6	14	85	38.5	156.11	68.37	0.77	13.27	Stainless
ESM 1.7×14×37.5×8.5	1.7	14	37.5	8.5	51.27	94.99	5.67	16.94	Carbon
ESM 1.7×14×40×9.5	1.7	14	40	9.5	56.24	94.99	4.81	16.94	Carbon
ESM 1.7×14×42.5×11.5	1.7	14	42.5	11.5	61.22	94.99	4.17	16.94	Carbon
ESM 1.7×14×45×12.5	1.7	14	45	12.5	66.19	94.99	3.68	16.94	Carbon
ESM 1.7×14×47.5×14.5	1.7	14	47.5	14.5	71.16	94.99	3.3	16.94	Carbon
ESM 1.7×14×50×15.5	1.7	14	50	15.5	76.14	94.99	2.99	16.94	Carbon
ESM 1.7×14×52.5×17.5	1.7	14	52.5	17.5	81.11	94.99	2.73	16.94	Carbon
ESM 1.7×14×55×18.5	1.7	14	55	18.5	86.09	94.99	2.51	16.94	Carbon
ESM 1.7×14×57.5×19.5	1.7	14	57.5	19.5	91.06	94.99	2.33	16.94	Carbon
ESM 1.7×14×60×21.5	1.7	14	60	21.5	96.03	94.99	2.17	16.94	Carbon
ESM 1.7×14×62.5×22.5	1.7	14	62.5	22.5	101.01	94.99	2.03	16.94	Carbon
ESM 1.7×14×65×24.5	1.7	14	65	24.5	105.98	94.99	1.9	16.94	Carbon
ESM 1.7×14×67.5×25.5	1.7	14	67.5	25.5	110.95	94.99	1.8	16.94	Carbon
ESM 1.7×14×70×27.5	1.7	14	70	27.5	115.92	94.99	1.7	16.94	Carbon
ESM 1.7×14×72.5×28.5	1.7	14	72.5	28.5	120.9	94.99	1.61	16.94	Carbon
ESM 1.7×14×75×30.5	1.7	14	75	30.5	125.87	94.99	1.53	16.94	Carbon

M: Carbon Steel;
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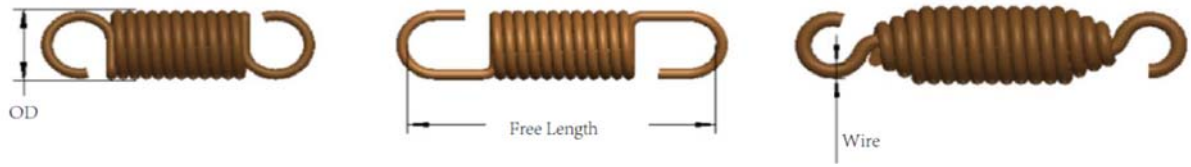
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×14×77.5×31.5	1.7	14	77.5	31.5	130.84	94.99	1.46	16.94	Carbon
ESM 1.7×14×80×33.5	1.7	14	80	33.5	135.82	94.99	1.4	16.94	Carbon
ESM 1.7×14×82.5×34.5	1.7	14	82.5	34.5	140.79	94.99	1.34	16.94	Carbon
ESM 1.7×14×85×36.5	1.7	14	85	36.5	145.76	94.99	1.28	16.94	Carbon
ESS 1.7×14×37.5×8.5	1.7	14	37.5	8.5	51.28	82.03	4.72	16.94	Stainless
ESS 1.7×14×40×9.5	1.7	14	40	9.5	56.26	82.03	4	16.94	Stainless
ESS 1.7×14×42.5×11.5	1.7	14	42.5	11.5	61.23	82.03	3.48	16.94	Stainless
ESS 1.7×14×45×12.5	1.7	14	45	12.5	66.21	82.03	3.07	16.94	Stainless
ESS 1.7×14×47.5×14.5	1.7	14	47.5	14.5	71.18	82.03	2.75	16.94	Stainless
ESS 1.7×14×50×15.5	1.7	14	50	15.5	76.15	82.03	2.49	16.94	Stainless
ESS 1.7×14×52.5×17.5	1.7	14	52.5	17.5	81.13	82.03	2.27	16.94	Stainless
ESS 1.7×14×55×18.5	1.7	14	55	18.5	86.1	82.03	2.09	16.94	Stainless
ESS 1.7×14×57.5×19.5	1.7	14	57.5	19.5	91.08	82.03	1.94	16.94	Stainless
ESS 1.7×14×60×21.5	1.7	14	60	21.5	96.05	82.03	1.81	16.94	Stainless
ESS 1.7×14×62.5×22.5	1.7	14	62.5	22.5	101.03	82.03	1.69	16.94	Stainless
ESS 1.7×14×65×24.5	1.7	14	65	24.5	106	82.03	1.59	16.94	Stainless
ESS 1.7×14×67.5×25.5	1.7	14	67.5	25.5	110.98	82.03	1.5	16.94	Stainless
ESS 1.7×14×70×27.5	1.7	14	70	27.5	115.95	82.03	1.42	16.94	Stainless
ESS 1.7×14×72.5×28.5	1.7	14	72.5	28.5	120.93	82.03	1.34	16.94	Stainless
ESS 1.7×14×75×30.5	1.7	14	75	30.5	125.9	82.03	1.28	16.94	Stainless
ESS 1.7×14×77.5×31.5	1.7	14	77.5	31.5	130.88	82.03	1.22	16.94	Stainless
ESS 1.7×14×80×33.5	1.7	14	80	33.5	135.85	82.03	1.17	16.94	Stainless
ESS 1.7×14×82.5×34.5	1.7	14	82.5	34.5	140.83	82.03	1.12	16.94	Stainless
ESS 1.7×14×85×36.5	1.7	14	85	36.5	145.8	82.03	1.07	16.94	Stainless
ESM 1×15×37.5×10.5	1	15	37.5	10.5	81.53	17.91	0.37	1.49	Carbon
ESM 1×15×40×12.5	1	15	40	12.5	94.92	17.91	0.3	1.49	Carbon
ESM 1×15×42.5×15.5	1	15	42.5	15.5	108.31	17.91	0.25	1.49	Carbon
ESM 1×15×45×17.5	1	15	45	17.5	121.72	17.91	0.21	1.49	Carbon
ESM 1×15×47.5×20.5	1	15	47.5	20.5	135.11	17.91	0.19	1.49	Carbon
ESM 1×15×50×22.5	1	15	50	22.5	148.54	17.91	0.17	1.49	Carbon
ESM 1×15×52.5×25.5	1	15	52.5	25.5	161.93	17.91	0.15	1.49	Carbon
ESM 1×15×55×27.5	1	15	55	27.5	175.34	17.91	0.14	1.49	Carbon
ESM 1×15×57.5×30.5	1	15	57.5	30.5	188.7	17.91	0.13	1.49	Carbon
ESM 1×15×60×32.5	1	15	60	32.5	202.09	17.91	0.12	1.49	Carbon
ESM 1×15×62.5×35.5	1	15	62.5	35.5	215.44	17.91	0.11	1.49	Carbon

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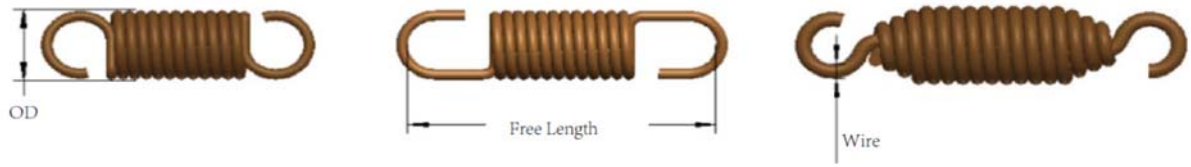
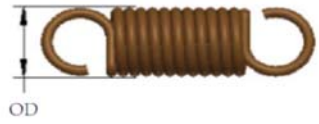
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1×15×65×37.5	1	15	65	37.5	228.93	17.91	0.1	1.49	Carbon
ESM 1×15×67.5×40.5	1	15	67.5	40.5	242.24	17.91	0.09	1.49	Carbon
ESM 1×15×70×42.5	1	15	70	42.5	255.6	17.91	0.09	1.49	Carbon
ESS 1×15×37.5×10.5	1	15	37.5	10.5	82.5	15.48	0.31	1.49	Stainless
ESS 1×15×40×12.5	1	15	40	12.5	96.14	15.48	0.25	1.49	Stainless
ESS 1×15×42.5×15.5	1	15	42.5	15.5	109.76	15.48	0.21	1.49	Stainless
ESS 1×15×45×17.5	1	15	45	17.5	123.42	15.48	0.18	1.49	Stainless
ESS 1×15×47.5×20.5	1	15	47.5	20.5	137.07	15.48	0.16	1.49	Stainless
ESS 1×15×50×22.5	1	15	50	22.5	150.65	15.48	0.14	1.49	Stainless
ESS 1×15×52.5×25.5	1	15	52.5	25.5	164.34	15.48	0.13	1.49	Stainless
ESS 1×15×55×27.5	1	15	55	27.5	177.94	15.48	0.11	1.49	Stainless
ESS 1×15×57.5×30.5	1	15	57.5	30.5	191.64	15.48	0.1	1.49	Stainless
ESS 1×15×60×32.5	1	15	60	32.5	205.28	15.48	0.1	1.49	Stainless
ESS 1×15×62.5×35.5	1	15	62.5	35.5	218.82	15.48	0.09	1.49	Stainless
ESS 1×15×65×37.5	1	15	65	37.5	232.56	15.48	0.08	1.49	Stainless
ESS 1×15×67.5×40.5	1	15	67.5	40.5	246.18	15.48	0.08	1.49	Stainless
ESS 1×15×70×42.5	1	15	70	42.5	259.84	15.48	0.07	1.49	Stainless
ESM 1.1×15×37.5×9.5	1.1	15	37.5	9.5	73.51	23.86	0.6	2.3	Carbon
ESM 1.1×15×40×11.5	1.1	15	40	11.5	84.71	23.86	0.48	2.3	Carbon
ESM 1.1×15×42.5×13.5	1.1	15	42.5	13.5	95.9	23.86	0.4	2.3	Carbon
ESM 1.1×15×45×16.5	1.1	15	45	16.5	107.09	23.86	0.35	2.3	Carbon
ESM 1.1×15×47.5×18.5	1.1	15	47.5	18.5	118.27	23.86	0.3	2.3	Carbon
ESM 1.1×15×50×20.5	1.1	15	50	20.5	129.46	23.86	0.27	2.3	Carbon
ESM 1.1×15×52.5×23.5	1.1	15	52.5	23.5	140.67	23.86	0.24	2.3	Carbon
ESM 1.1×15×55×25.5	1.1	15	55	25.5	151.85	23.86	0.22	2.3	Carbon
ESM 1.1×15×57.5×27.5	1.1	15	57.5	27.5	163.07	23.86	0.2	2.3	Carbon
ESM 1.1×15×60×29.5	1.1	15	60	29.5	174.24	23.86	0.19	2.3	Carbon
ESM 1.1×15×62.5×32.5	1.1	15	62.5	32.5	185.41	23.86	0.18	2.3	Carbon
ESM 1.1×15×65×34.5	1.1	15	65	34.5	196.61	23.86	0.16	2.3	Carbon
ESM 1.1×15×67.5×36.5	1.1	15	67.5	36.5	207.85	23.86	0.15	2.3	Carbon
ESM 1.1×15×70×38.5	1.1	15	70	38.5	218.98	23.86	0.14	2.3	Carbon
ESS 1.1×15×37.5×9.5	1.1	15	37.5	9.5	74.18	20.6	0.5	2.3	Stainless
ESS 1.1×15×40×11.5	1.1	15	40	11.5	85.53	20.6	0.4	2.3	Stainless
ESS 1.1×15×42.5×13.5	1.1	15	42.5	13.5	96.88	20.6	0.34	2.3	Stainless
ESS 1.1×15×45×16.5	1.1	15	45	16.5	108.23	20.6	0.29	2.3	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

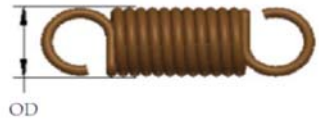






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.1×15×47.5×18.5	1.1	15	47.5	18.5	119.58	20.6	0.25	2.3	Stainless
ESS 1.1×15×50×20.5	1.1	15	50	20.5	130.91	20.6	0.23	2.3	Stainless
ESS 1.1×15×52.5×23.5	1.1	15	52.5	23.5	142.26	20.6	0.2	2.3	Stainless
ESS 1.1×15×55×25.5	1.1	15	55	25.5	153.62	20.6	0.19	2.3	Stainless
ESS 1.1×15×57.5×27.5	1.1	15	57.5	27.5	164.98	20.6	0.17	2.3	Stainless
ESS 1.1×15×60×29.5	1.1	15	60	29.5	176.3	20.6	0.16	2.3	Stainless
ESS 1.1×15×62.5×32.5	1.1	15	62.5	32.5	187.71	20.6	0.15	2.3	Stainless
ESS 1.1×15×65×34.5	1.1	15	65	34.5	199.02	20.6	0.14	2.3	Stainless
ESS 1.1×15×67.5×36.5	1.1	15	67.5	36.5	210.42	20.6	0.13	2.3	Stainless
ESS 1.1×15×70×38.5	1.1	15	70	38.5	221.69	20.6	0.12	2.3	Stainless
ESM 1.2×15×37.5×8.5	1.2	15	37.5	8.5	67.33	30.9	0.92	3.39	Carbon
ESM 1.2×15×40×10.5	1.2	15	40	10.5	76.86	30.9	0.75	3.39	Carbon
ESM 1.2×15×42.5×13.5	1.2	15	42.5	13.5	86.38	30.9	0.63	3.39	Carbon
ESM 1.2×15×45×15.5	1.2	15	45	15.5	95.91	30.9	0.54	3.39	Carbon
ESM 1.2×15×47.5×17.5	1.2	15	47.5	17.5	105.43	30.9	0.47	3.39	Carbon
ESM 1.2×15×50×19.5	1.2	15	50	19.5	114.95	30.9	0.42	3.39	Carbon
ESM 1.2×15×52.5×21.5	1.2	15	52.5	21.5	124.48	30.9	0.38	3.39	Carbon
ESM 1.2×15×55×23.5	1.2	15	55	23.5	133.99	30.9	0.35	3.39	Carbon
ESM 1.2×15×57.5×25.5	1.2	15	57.5	25.5	143.53	30.9	0.32	3.39	Carbon
ESM 1.2×15×60×27.5	1.2	15	60	27.5	153.05	30.9	0.3	3.39	Carbon
ESM 1.2×15×62.5×29.5	1.2	15	62.5	29.5	162.55	30.9	0.27	3.39	Carbon
ESM 1.2×15×65×31.5	1.2	15	65	31.5	172.1	30.9	0.26	3.39	Carbon
ESM 1.2×15×67.5×33.5	1.2	15	67.5	33.5	181.63	30.9	0.24	3.39	Carbon
ESM 1.2×15×70×35.5	1.2	15	70	35.5	191.11	30.9	0.23	3.39	Carbon
ESM 1.2×15×72.5×38.5	1.2	15	72.5	38.5	200.67	30.9	0.21	3.39	Carbon
ESM 1.2×15×75×40.5	1.2	15	75	40.5	210.16	30.9	0.2	3.39	Carbon
ESM 1.2×15×77.5×42.5	1.2	15	77.5	42.5	219.72	30.9	0.19	3.39	Carbon
ESM 1.2×15×80×44.5	1.2	15	80	44.5	229.24	30.9	0.18	3.39	Carbon
ESM 1.2×15×82.5×46.5	1.2	15	82.5	46.5	238.78	30.9	0.18	3.39	Carbon
ESM 1.2×15×85×48.5	1.2	15	85	48.5	248.23	30.9	0.17	3.39	Carbon
ESS 1.2×15×37.5×8.5	1.2	15	37.5	8.5	67.88	26.73	0.77	3.39	Stainless
ESS 1.2×15×40×10.5	1.2	15	40	10.5	77.53	26.73	0.62	3.39	Stainless
ESS 1.2×15×42.5×13.5	1.2	15	42.5	13.5	87.18	26.73	0.52	3.39	Stainless
ESS 1.2×15×45×15.5	1.2	15	45	15.5	96.83	26.73	0.45	3.39	Stainless
ESS 1.2×15×47.5×17.5	1.2	15	47.5	17.5	106.48	26.73	0.4	3.39	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

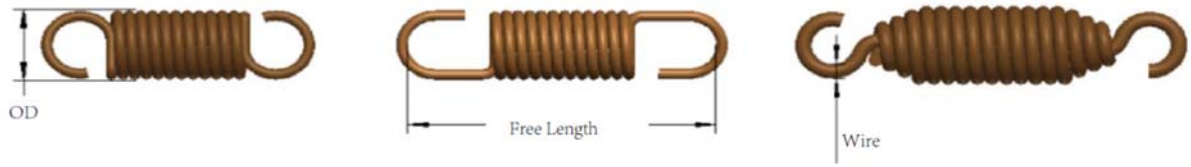






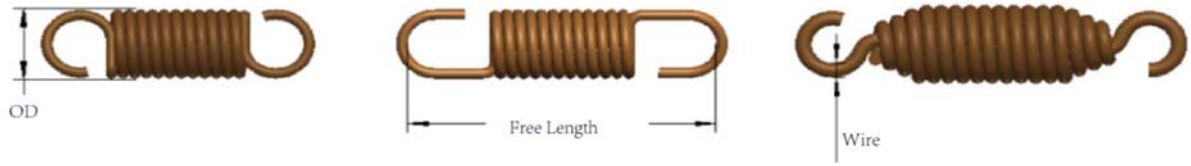
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.2×15×50×19.5	1.2	15	50	19.5	116.13	26.73	0.35	3.39	Stainless
ESS 1.2×15×52.5×21.5	1.2	15	52.5	21.5	125.77	26.73	0.32	3.39	Stainless
ESS 1.2×15×55×23.5	1.2	15	55	23.5	135.45	26.73	0.29	3.39	Stainless
ESS 1.2×15×57.5×25.5	1.2	15	57.5	25.5	145.07	26.73	0.27	3.39	Stainless
ESS 1.2×15×60×27.5	1.2	15	60	27.5	154.75	26.73	0.25	3.39	Stainless
ESS 1.2×15×62.5×29.5	1.2	15	62.5	29.5	164.37	26.73	0.23	3.39	Stainless
ESS 1.2×15×65×31.5	1.2	15	65	31.5	174.05	26.73	0.21	3.39	Stainless
ESS 1.2×15×67.5×33.5	1.2	15	67.5	33.5	183.66	26.73	0.2	3.39	Stainless
ESS 1.2×15×70×35.5	1.2	15	70	35.5	193.35	26.73	0.19	3.39	Stainless
ESS 1.2×15×72.5×38.5	1.2	15	72.5	38.5	203.02	26.73	0.18	3.39	Stainless
ESS 1.2×15×75×40.5	1.2	15	75	40.5	212.6	26.73	0.17	3.39	Stainless
ESS 1.2×15×77.5×42.5	1.2	15	77.5	42.5	222.27	26.73	0.16	3.39	Stainless
ESS 1.2×15×80×44.5	1.2	15	80	44.5	231.94	26.73	0.15	3.39	Stainless
ESS 1.2×15×82.5×46.5	1.2	15	82.5	46.5	241.58	26.73	0.15	3.39	Stainless
ESS 1.2×15×85×48.5	1.2	15	85	48.5	251.22	26.73	0.14	3.39	Stainless
ESM 1.3×15×40×10.5	1.3	15	40	10.5	70.92	39.31	1.12	4.81	Carbon
ESM 1.3×15×42.5×12.5	1.3	15	42.5	12.5	79.19	39.31	0.94	4.81	Carbon
ESM 1.3×15×45×14.5	1.3	15	45	14.5	87.47	39.31	0.81	4.81	Carbon
ESM 1.3×15×47.5×16.5	1.3	15	47.5	16.5	95.75	39.31	0.72	4.81	Carbon
ESM 1.3×15×50×17.5	1.3	15	50	17.5	104.03	39.31	0.64	4.81	Carbon
ESM 1.3×15×52.5×19.5	1.3	15	52.5	19.5	112.31	39.31	0.58	4.81	Carbon
ESM 1.3×15×55×21.5	1.3	15	55	21.5	120.58	39.31	0.53	4.81	Carbon
ESM 1.3×15×57.5×23.5	1.3	15	57.5	23.5	128.86	39.31	0.48	4.81	Carbon
ESM 1.3×15×60×25.5	1.3	15	60	25.5	137.14	39.31	0.45	4.81	Carbon
ESM 1.3×15×62.5×27.5	1.3	15	62.5	27.5	145.42	39.31	0.42	4.81	Carbon
ESM 1.3×15×65×29.5	1.3	15	65	29.5	153.7	39.31	0.39	4.81	Carbon
ESM 1.3×15×67.5×31.5	1.3	15	67.5	31.5	161.98	39.31	0.37	4.81	Carbon
ESM 1.3×15×70×33.5	1.3	15	70	33.5	170.24	39.31	0.34	4.81	Carbon
ESM 1.3×15×72.5×35.5	1.3	15	72.5	35.5	178.53	39.31	0.33	4.81	Carbon
ESM 1.3×15×75×37.5	1.3	15	75	37.5	186.8	39.31	0.31	4.81	Carbon
ESM 1.3×15×77.5×39.5	1.3	15	77.5	39.5	195.06	39.31	0.29	4.81	Carbon
ESM 1.3×15×80×41.5	1.3	15	80	41.5	203.36	39.31	0.28	4.81	Carbon
ESM 1.3×15×82.5×42.5	1.3	15	82.5	42.5	211.63	39.31	0.27	4.81	Carbon
ESM 1.3×15×85×44.5	1.3	15	85	44.5	219.88	39.31	0.26	4.81	Carbon
ESM 1.3×15×87.5×46.5	1.3	15	87.5	46.5	228.16	39.31	0.25	4.81	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



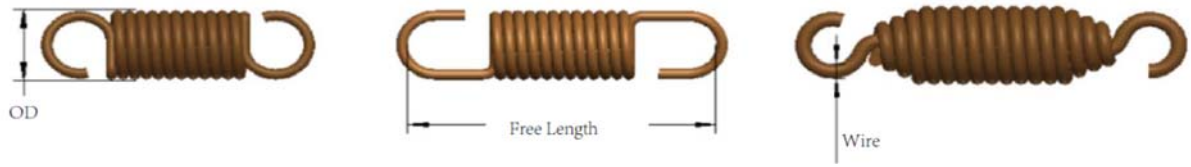
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×15×40×10.5	1.3	15	40	10.5	71.36	33.97	0.93	4.81	Stainless
ESS 1.3×15×42.5×12.5	1.3	15	42.5	12.5	79.72	33.97	0.78	4.81	Stainless
ESS 1.3×15×45×14.5	1.3	15	45	14.5	88.08	33.97	0.68	4.81	Stainless
ESS 1.3×15×47.5×16.5	1.3	15	47.5	16.5	96.44	33.97	0.6	4.81	Stainless
ESS 1.3×15×50×17.5	1.3	15	50	17.5	104.8	33.97	0.53	4.81	Stainless
ESS 1.3×15×52.5×19.5	1.3	15	52.5	19.5	113.16	33.97	0.48	4.81	Stainless
ESS 1.3×15×55×21.5	1.3	15	55	21.5	121.53	33.97	0.44	4.81	Stainless
ESS 1.3×15×57.5×23.5	1.3	15	57.5	23.5	129.89	33.97	0.4	4.81	Stainless
ESS 1.3×15×60×25.5	1.3	15	60	25.5	138.24	33.97	0.37	4.81	Stainless
ESS 1.3×15×62.5×27.5	1.3	15	62.5	27.5	146.6	33.97	0.35	4.81	Stainless
ESS 1.3×15×65×29.5	1.3	15	65	29.5	154.96	33.97	0.32	4.81	Stainless
ESS 1.3×15×67.5×31.5	1.3	15	67.5	31.5	163.32	33.97	0.3	4.81	Stainless
ESS 1.3×15×70×33.5	1.3	15	70	33.5	171.69	33.97	0.29	4.81	Stainless
ESS 1.3×15×72.5×35.5	1.3	15	72.5	35.5	180.04	33.97	0.27	4.81	Stainless
ESS 1.3×15×75×37.5	1.3	15	75	37.5	188.4	33.97	0.26	4.81	Stainless
ESS 1.3×15×77.5×39.5	1.3	15	77.5	39.5	196.74	33.97	0.24	4.81	Stainless
ESS 1.3×15×80×41.5	1.3	15	80	41.5	205.12	33.97	0.23	4.81	Stainless
ESS 1.3×15×82.5×42.5	1.3	15	82.5	42.5	213.47	33.97	0.22	4.81	Stainless
ESS 1.3×15×85×44.5	1.3	15	85	44.5	221.87	33.97	0.21	4.81	Stainless
ESS 1.3×15×87.5×46.5	1.3	15	87.5	46.5	230.19	33.97	0.2	4.81	Stainless
ESM 1.4×15×40×9.5	1.4	15	40	9.5	66.24	49.13	1.62	6.6	Carbon
ESM 1.4×15×42.5×11.5	1.4	15	42.5	11.5	73.55	49.13	1.37	6.6	Carbon
ESM 1.4×15×45×13.5	1.4	15	45	13.5	80.86	49.13	1.19	6.6	Carbon
ESM 1.4×15×47.5×15.5	1.4	15	47.5	15.5	88.17	49.13	1.05	6.6	Carbon
ESM 1.4×15×50×16.5	1.4	15	50	16.5	95.48	49.13	0.94	6.6	Carbon
ESM 1.4×15×52.5×18.5	1.4	15	52.5	18.5	102.79	49.13	0.85	6.6	Carbon
ESM 1.4×15×55×20.5	1.4	15	55	20.5	110.1	49.13	0.77	6.6	Carbon
ESM 1.4×15×57.5×22.5	1.4	15	57.5	22.5	117.41	49.13	0.71	6.6	Carbon
ESM 1.4×15×60×24.5	1.4	15	60	24.5	124.72	49.13	0.66	6.6	Carbon
ESM 1.4×15×62.5×25.5	1.4	15	62.5	25.5	132.03	49.13	0.61	6.6	Carbon
ESM 1.4×15×65×27.5	1.4	15	65	27.5	139.34	49.13	0.57	6.6	Carbon
ESM 1.4×15×67.5×29.5	1.4	15	67.5	29.5	146.65	49.13	0.54	6.6	Carbon
ESM 1.4×15×70×31.5	1.4	15	70	31.5	153.96	49.13	0.51	6.6	Carbon
ESM 1.4×15×72.5×32.5	1.4	15	72.5	32.5	161.26	49.13	0.48	6.6	Carbon
ESM 1.4×15×75×34.5	1.4	15	75	34.5	168.59	49.13	0.45	6.6	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



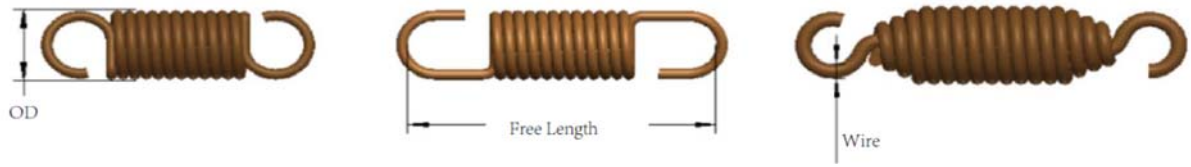
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.4×15×77.5×36.5	1.4	15	77.5	36.5	175.89	49.13	0.43	6.6	Carbon
ESM 1.4×15×80×38.5	1.4	15	80	38.5	183.19	49.13	0.41	6.6	Carbon
ESM 1.4×15×82.5×40.5	1.4	15	82.5	40.5	190.51	49.13	0.39	6.6	Carbon
ESM 1.4×15×85×41.5	1.4	15	85	41.5	197.83	49.13	0.38	6.6	Carbon
ESM 1.4×15×87.5×43.5	1.4	15	87.5	43.5	205.13	49.13	0.36	6.6	Carbon
ESS 1.4×15×40×9.5	1.4	15	40	9.5	66.52	42.42	1.35	6.6	Stainless
ESS 1.4×15×42.5×11.5	1.4	15	42.5	11.5	73.88	42.42	1.14	6.6	Stainless
ESS 1.4×15×45×13.5	1.4	15	45	13.5	81.24	42.42	0.99	6.6	Stainless
ESS 1.4×15×47.5×15.5	1.4	15	47.5	15.5	88.6	42.42	0.87	6.6	Stainless
ESS 1.4×15×50×16.5	1.4	15	50	16.5	95.96	42.42	0.78	6.6	Stainless
ESS 1.4×15×52.5×18.5	1.4	15	52.5	18.5	103.32	42.42	0.7	6.6	Stainless
ESS 1.4×15×55×20.5	1.4	15	55	20.5	110.68	42.42	0.64	6.6	Stainless
ESS 1.4×15×57.5×22.5	1.4	15	57.5	22.5	118.04	42.42	0.59	6.6	Stainless
ESS 1.4×15×60×24.5	1.4	15	60	24.5	125.4	42.42	0.55	6.6	Stainless
ESS 1.4×15×62.5×25.5	1.4	15	62.5	25.5	132.76	42.42	0.51	6.6	Stainless
ESS 1.4×15×65×27.5	1.4	15	65	27.5	140.13	42.42	0.48	6.6	Stainless
ESS 1.4×15×67.5×29.5	1.4	15	67.5	29.5	147.49	42.42	0.45	6.6	Stainless
ESS 1.4×15×70×31.5	1.4	15	70	31.5	154.84	42.42	0.42	6.6	Stainless
ESS 1.4×15×72.5×32.5	1.4	15	72.5	32.5	162.21	42.42	0.4	6.6	Stainless
ESS 1.4×15×75×34.5	1.4	15	75	34.5	169.56	42.42	0.38	6.6	Stainless
ESS 1.4×15×77.5×36.5	1.4	15	77.5	36.5	176.92	42.42	0.36	6.6	Stainless
ESS 1.4×15×80×38.5	1.4	15	80	38.5	184.28	42.42	0.34	6.6	Stainless
ESS 1.4×15×82.5×40.5	1.4	15	82.5	40.5	191.64	42.42	0.33	6.6	Stainless
ESS 1.4×15×85×41.5	1.4	15	85	41.5	199.01	42.42	0.31	6.6	Stainless
ESS 1.4×15×87.5×43.5	1.4	15	87.5	43.5	206.39	42.42	0.3	6.6	Stainless
ESM 1.5×15×40×9.5	1.5	15	40	9.5	62.41	60.27	2.3	8.81	Carbon
ESM 1.5×15×42.5×10.5	1.5	15	42.5	10.5	68.94	60.27	1.95	8.81	Carbon
ESM 1.5×15×45×12.5	1.5	15	45	12.5	75.48	60.27	1.69	8.81	Carbon
ESM 1.5×15×47.5×14.5	1.5	15	47.5	14.5	82	60.27	1.49	8.81	Carbon
ESM 1.5×15×50×15.5	1.5	15	50	15.5	88.54	60.27	1.34	8.81	Carbon
ESM 1.5×15×52.5×17.5	1.5	15	52.5	17.5	95.07	60.27	1.21	8.81	Carbon
ESM 1.5×15×55×19.5	1.5	15	55	19.5	101.6	60.27	1.1	8.81	Carbon
ESM 1.5×15×57.5×20.5	1.5	15	57.5	20.5	108.13	60.27	1.02	8.81	Carbon
ESM 1.5×15×60×22.5	1.5	15	60	22.5	114.66	60.27	0.94	8.81	Carbon
ESM 1.5×15×62.5×24.5	1.5	15	62.5	24.5	121.19	60.27	0.88	8.81	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.5×15×65×25.5	1.5	15	65	25.5	127.73	60.27	0.82	8.81	Carbon
ESM 1.5×15×67.5×27.5	1.5	15	67.5	27.5	134.25	60.27	0.77	8.81	Carbon
ESM 1.5×15×70×29.5	1.5	15	70	29.5	140.78	60.27	0.73	8.81	Carbon
ESM 1.5×15×72.5×30.5	1.5	15	72.5	30.5	147.32	60.27	0.69	8.81	Carbon
ESM 1.5×15×75×32.5	1.5	15	75	32.5	153.84	60.27	0.65	8.81	Carbon
ESM 1.5×15×77.5×34.5	1.5	15	77.5	34.5	160.38	60.27	0.62	8.81	Carbon
ESM 1.5×15×80×35.5	1.5	15	80	35.5	166.91	60.27	0.59	8.81	Carbon
ESM 1.5×15×82.5×37.5	1.5	15	82.5	37.5	173.44	60.27	0.57	8.81	Carbon
ESM 1.5×15×85×39.5	1.5	15	85	39.5	179.96	60.27	0.54	8.81	Carbon
ESM 1.5×15×87.5×40.5	1.5	15	87.5	40.5	186.5	60.27	0.52	8.81	Carbon
ESS 1.5×15×40×9.5	1.5	15	40	9.5	62.65	52.15	1.91	8.81	Stainless
ESS 1.5×15×42.5×10.5	1.5	15	42.5	10.5	69.23	52.15	1.62	8.81	Stainless
ESS 1.5×15×45×12.5	1.5	15	45	12.5	75.8	52.15	1.41	8.81	Stainless
ESS 1.5×15×47.5×14.5	1.5	15	47.5	14.5	82.38	52.15	1.24	8.81	Stainless
ESS 1.5×15×50×15.5	1.5	15	50	15.5	88.95	52.15	1.11	8.81	Stainless
ESS 1.5×15×52.5×17.5	1.5	15	52.5	17.5	95.53	52.15	1.01	8.81	Stainless
ESS 1.5×15×55×19.5	1.5	15	55	19.5	102.1	52.15	0.92	8.81	Stainless
ESS 1.5×15×57.5×20.5	1.5	15	57.5	20.5	108.67	52.15	0.85	8.81	Stainless
ESS 1.5×15×60×22.5	1.5	15	60	22.5	115.25	52.15	0.78	8.81	Stainless
ESS 1.5×15×62.5×24.5	1.5	15	62.5	24.5	121.82	52.15	0.73	8.81	Stainless
ESS 1.5×15×65×25.5	1.5	15	65	25.5	128.4	52.15	0.68	8.81	Stainless
ESS 1.5×15×67.5×27.5	1.5	15	67.5	27.5	134.97	52.15	0.64	8.81	Stainless
ESS 1.5×15×70×29.5	1.5	15	70	29.5	141.55	52.15	0.61	8.81	Stainless
ESS 1.5×15×72.5×30.5	1.5	15	72.5	30.5	148.12	52.15	0.57	8.81	Stainless
ESS 1.5×15×75×32.5	1.5	15	75	32.5	154.69	52.15	0.54	8.81	Stainless
ESS 1.5×15×77.5×34.5	1.5	15	77.5	34.5	161.27	52.15	0.52	8.81	Stainless
ESS 1.5×15×80×35.5	1.5	15	80	35.5	167.85	52.15	0.49	8.81	Stainless
ESS 1.5×15×82.5×37.5	1.5	15	82.5	37.5	174.41	52.15	0.47	8.81	Stainless
ESS 1.5×15×85×39.5	1.5	15	85	39.5	181	52.15	0.45	8.81	Stainless
ESS 1.5×15×87.5×40.5	1.5	15	87.5	40.5	187.55	52.15	0.43	8.81	Stainless
ESM 1.6×15×40×8.5	1.6	15	40	8.5	59.39	73.19	3.18	11.5	Carbon
ESM 1.6×15×42.5×10.5	1.6	15	42.5	10.5	65.31	73.19	2.7	11.5	Carbon
ESM 1.6×15×45×11.5	1.6	15	45	11.5	71.23	73.19	2.35	11.5	Carbon
ESM 1.6×15×47.5×13.5	1.6	15	47.5	13.5	77.15	73.19	2.08	11.5	Carbon
ESM 1.6×15×50×15.5	1.6	15	50	15.5	83.08	73.19	1.87	11.5	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.6×15×52.5×16.5	1.6	15	52.5	16.5	89	73.19	1.69	11.5	Carbon
ESM 1.6×15×55×18.5	1.6	15	55	18.5	94.92	73.19	1.55	11.5	Carbon
ESM 1.6×15×57.5×19.5	1.6	15	57.5	19.5	100.84	73.19	1.42	11.5	Carbon
ESM 1.6×15×60×21.5	1.6	15	60	21.5	106.77	73.19	1.32	11.5	Carbon
ESM 1.6×15×62.5×22.5	1.6	15	62.5	22.5	112.69	73.19	1.23	11.5	Carbon
ESM 1.6×15×65×24.5	1.6	15	65	24.5	118.61	73.19	1.15	11.5	Carbon
ESM 1.6×15×67.5×26.5	1.6	15	67.5	26.5	124.53	73.19	1.08	11.5	Carbon
ESM 1.6×15×70×27.5	1.6	15	70	27.5	130.45	73.19	1.02	11.5	Carbon
ESM 1.6×15×72.5×29.5	1.6	15	72.5	29.5	136.38	73.19	0.97	11.5	Carbon
ESM 1.6×15×75×30.5	1.6	15	75	30.5	142.3	73.19	0.92	11.5	Carbon
ESM 1.6×15×77.5×32.5	1.6	15	77.5	32.5	148.22	73.19	0.87	11.5	Carbon
ESM 1.6×15×80×33.5	1.6	15	80	33.5	154.14	73.19	0.83	11.5	Carbon
ESM 1.6×15×82.5×35.5	1.6	15	82.5	35.5	160.07	73.19	0.8	11.5	Carbon
ESM 1.6×15×85×36.5	1.6	15	85	36.5	165.99	73.19	0.76	11.5	Carbon
ESM 1.6×15×87.5×38.5	1.6	15	87.5	38.5	171.92	73.19	0.73	11.5	Carbon
ESS 1.6×15×40×8.5	1.6	15	40	8.5	59.52	63.27	2.65	11.5	Stainless
ESS 1.6×15×42.5×10.5	1.6	15	42.5	10.5	65.47	63.27	2.25	11.5	Stainless
ESS 1.6×15×45×11.5	1.6	15	45	11.5	71.41	63.27	1.96	11.5	Stainless
ESS 1.6×15×47.5×13.5	1.6	15	47.5	13.5	77.36	63.27	1.73	11.5	Stainless
ESS 1.6×15×50×15.5	1.6	15	50	15.5	83.3	63.27	1.55	11.5	Stainless
ESS 1.6×15×52.5×16.5	1.6	15	52.5	16.5	89.25	63.27	1.41	11.5	Stainless
ESS 1.6×15×55×18.5	1.6	15	55	18.5	95.2	63.27	1.29	11.5	Stainless
ESS 1.6×15×57.5×19.5	1.6	15	57.5	19.5	101.15	63.27	1.19	11.5	Stainless
ESS 1.6×15×60×21.5	1.6	15	60	21.5	107.09	63.27	1.1	11.5	Stainless
ESS 1.6×15×62.5×22.5	1.6	15	62.5	22.5	113.04	63.27	1.02	11.5	Stainless
ESS 1.6×15×65×24.5	1.6	15	65	24.5	118.98	63.27	0.96	11.5	Stainless
ESS 1.6×15×67.5×26.5	1.6	15	67.5	26.5	124.93	63.27	0.9	11.5	Stainless
ESS 1.6×15×70×27.5	1.6	15	70	27.5	130.88	63.27	0.85	11.5	Stainless
ESS 1.6×15×72.5×29.5	1.6	15	72.5	29.5	136.82	63.27	0.8	11.5	Stainless
ESS 1.6×15×75×30.5	1.6	15	75	30.5	142.77	63.27	0.76	11.5	Stainless
ESS 1.6×15×77.5×32.5	1.6	15	77.5	32.5	148.72	63.27	0.73	11.5	Stainless
ESS 1.6×15×80×33.5	1.6	15	80	33.5	154.66	63.27	0.69	11.5	Stainless
ESS 1.6×15×82.5×35.5	1.6	15	82.5	35.5	160.61	63.27	0.66	11.5	Stainless
ESS 1.6×15×85×36.5	1.6	15	85	36.5	166.55	63.27	0.63	11.5	Stainless
ESS 1.6×15×87.5×38.5	1.6	15	87.5	38.5	172.51	63.27	0.61	11.5	Stainless

M: Carbon Steel;
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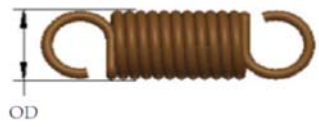
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×15×40×8.5	1.7	15	40	8.5	56.9	87.85	4.33	14.73	Carbon
ESM 1.7×15×42.5×9.5	1.7	15	42.5	9.5	62.33	87.85	3.69	14.73	Carbon
ESM 1.7×15×45×11.5	1.7	15	45	11.5	67.76	87.85	3.21	14.73	Carbon
ESM 1.7×15×47.5×12.5	1.7	15	47.5	12.5	73.19	87.85	2.85	14.73	Carbon
ESM 1.7×15×50×14.5	1.7	15	50	14.5	78.61	87.85	2.56	14.73	Carbon
ESM 1.7×15×52.5×15.5	1.7	15	52.5	15.5	84.04	87.85	2.32	14.73	Carbon
ESM 1.7×15×55×17.5	1.7	15	55	17.5	89.47	87.85	2.12	14.73	Carbon
ESM 1.7×15×57.5×18.5	1.7	15	57.5	18.5	94.9	87.85	1.96	14.73	Carbon
ESM 1.7×15×60×20.5	1.7	15	60	20.5	100.33	87.85	1.81	14.73	Carbon
ESM 1.7×15×62.5×21.5	1.7	15	62.5	21.5	105.76	87.85	1.69	14.73	Carbon
ESM 1.7×15×65×23.5	1.7	15	65	23.5	111.19	87.85	1.58	14.73	Carbon
ESM 1.7×15×67.5×24.5	1.7	15	67.5	24.5	116.62	87.85	1.49	14.73	Carbon
ESM 1.7×15×70×26.5	1.7	15	70	26.5	122.05	87.85	1.4	14.73	Carbon
ESM 1.7×15×72.5×27.5	1.7	15	72.5	27.5	127.48	87.85	1.33	14.73	Carbon
ESM 1.7×15×75×29.5	1.7	15	75	29.5	132.91	87.85	1.26	14.73	Carbon
ESM 1.7×15×77.5×30.5	1.7	15	77.5	30.5	138.34	87.85	1.2	14.73	Carbon
ESM 1.7×15×80×32.5	1.7	15	80	32.5	143.77	87.85	1.15	14.73	Carbon
ESM 1.7×15×82.5×33.5	1.7	15	82.5	33.5	149.2	87.85	1.1	14.73	Carbon
ESM 1.7×15×85×34.5	1.7	15	85	34.5	154.62	87.85	1.05	14.73	Carbon
ESM 1.7×15×87.5×36.5	1.7	15	87.5	36.5	160.05	87.85	1.01	14.73	Carbon
ESS 1.7×15×40×8.5	1.7	15	40	8.5	56.95	75.86	3.61	14.73	Stainless
ESS 1.7×15×42.5×9.5	1.7	15	42.5	9.5	62.39	75.86	3.07	14.73	Stainless
ESS 1.7×15×45×11.5	1.7	15	45	11.5	67.83	75.86	2.68	14.73	Stainless
ESS 1.7×15×47.5×12.5	1.7	15	47.5	12.5	73.27	75.86	2.37	14.73	Stainless
ESS 1.7×15×50×14.5	1.7	15	50	14.5	78.71	75.86	2.13	14.73	Stainless
ESS 1.7×15×52.5×15.5	1.7	15	52.5	15.5	84.14	75.86	1.93	14.73	Stainless
ESS 1.7×15×55×17.5	1.7	15	55	17.5	89.58	75.86	1.77	14.73	Stainless
ESS 1.7×15×57.5×18.5	1.7	15	57.5	18.5	95.02	75.86	1.63	14.73	Stainless
ESS 1.7×15×60×20.5	1.7	15	60	20.5	100.46	75.86	1.51	14.73	Stainless
ESS 1.7×15×62.5×21.5	1.7	15	62.5	21.5	105.9	75.86	1.41	14.73	Stainless
ESS 1.7×15×65×23.5	1.7	15	65	23.5	111.34	75.86	1.32	14.73	Stainless
ESS 1.7×15×67.5×24.5	1.7	15	67.5	24.5	116.78	75.86	1.24	14.73	Stainless
ESS 1.7×15×70×26.5	1.7	15	70	26.5	122.21	75.86	1.17	14.73	Stainless
ESS 1.7×15×72.5×27.5	1.7	15	72.5	27.5	127.65	75.86	1.11	14.73	Stainless
ESS 1.7×15×75×29.5	1.7	15	75	29.5	133.09	75.86	1.05	14.73	Stainless

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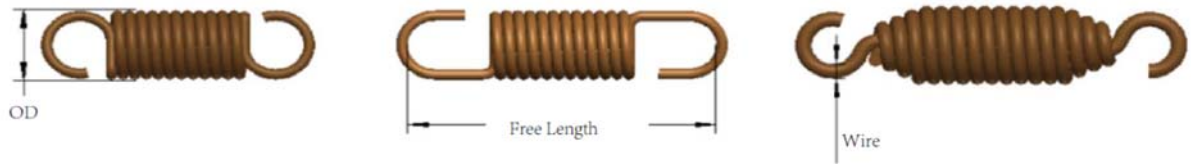
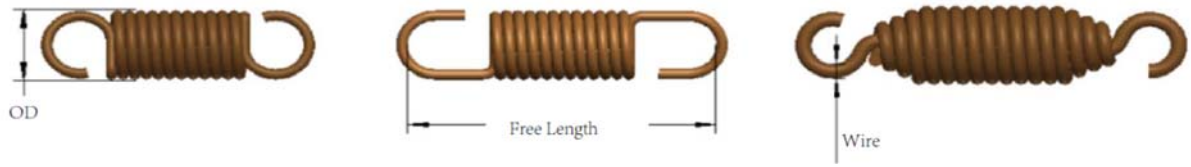


SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.7×15×77.5×30.5	1.7	15	77.5	30.5	138.53	75.86	1	14.73	Stainless
ESS 1.7×15×80×32.5	1.7	15	80	32.5	143.97	75.86	0.96	14.73	Stainless
ESS 1.7×15×82.5×33.5	1.7	15	82.5	33.5	149.41	75.86	0.91	14.73	Stainless
ESS 1.7×15×85×34.5	1.7	15	85	34.5	154.85	75.86	0.88	14.73	Stainless
ESS 1.7×15×87.5×36.5	1.7	15	87.5	36.5	160.29	75.86	0.84	14.73	Stainless
ESM 1.8×15×40×8.5	1.8	15	40	8.5	54.83	104.36	5.79	18.54	Carbon
ESM 1.8×15×42.5×9.5	1.8	15	42.5	9.5	59.85	104.36	4.94	18.54	Carbon
ESM 1.8×15×45×10.5	1.8	15	45	10.5	64.88	104.36	4.32	18.54	Carbon
ESM 1.8×15×47.5×12.5	1.8	15	47.5	12.5	69.9	104.36	3.83	18.54	Carbon
ESM 1.8×15×50×13.5	1.8	15	50	13.5	74.93	104.36	3.44	18.54	Carbon
ESM 1.8×15×52.5×15.5	1.8	15	52.5	15.5	79.96	104.36	3.13	18.54	Carbon
ESM 1.8×15×55×16.5	1.8	15	55	16.5	84.98	104.36	2.86	18.54	Carbon
ESM 1.8×15×57.5×17.5	1.8	15	57.5	17.5	90.01	104.36	2.64	18.54	Carbon
ESM 1.8×15×60×19.5	1.8	15	60	19.5	95.03	104.36	2.45	18.54	Carbon
ESM 1.8×15×62.5×20.5	1.8	15	62.5	20.5	100.06	104.36	2.28	18.54	Carbon
ESM 1.8×15×65×22.5	1.8	15	65	22.5	105.08	104.36	2.14	18.54	Carbon
ESM 1.8×15×67.5×23.5	1.8	15	67.5	23.5	110.11	104.36	2.01	18.54	Carbon
ESM 1.8×15×70×24.5	1.8	15	70	24.5	115.13	104.36	1.9	18.54	Carbon
ESM 1.8×15×72.5×26.5	1.8	15	72.5	26.5	120.16	104.36	1.8	18.54	Carbon
ESM 1.8×15×75×27.5	1.8	15	75	27.5	125.18	104.36	1.71	18.54	Carbon
ESM 1.8×15×77.5×28.5	1.8	15	77.5	28.5	130.21	104.36	1.63	18.54	Carbon
ESM 1.8×15×80×30.5	1.8	15	80	30.5	135.23	104.36	1.55	18.54	Carbon
ESM 1.8×15×82.5×31.5	1.8	15	82.5	31.5	140.26	104.36	1.49	18.54	Carbon
ESM 1.8×15×85×33.5	1.8	15	85	33.5	145.28	104.36	1.42	18.54	Carbon
ESM 1.8×15×87.5×34.5	1.8	15	87.5	34.5	150.31	104.36	1.37	18.54	Carbon
ESS 1.8×15×40×8.5	1.8	15	40	8.5	54.82	90.01	4.82	18.54	Stainless
ESS 1.8×15×42.5×9.5	1.8	15	42.5	9.5	59.84	90.01	4.12	18.54	Stainless
ESS 1.8×15×45×10.5	1.8	15	45	10.5	64.87	90.01	3.6	18.54	Stainless
ESS 1.8×15×47.5×12.5	1.8	15	47.5	12.5	69.89	90.01	3.19	18.54	Stainless
ESS 1.8×15×50×13.5	1.8	15	50	13.5	74.92	90.01	2.87	18.54	Stainless
ESS 1.8×15×52.5×15.5	1.8	15	52.5	15.5	79.94	90.01	2.6	18.54	Stainless
ESS 1.8×15×55×16.5	1.8	15	55	16.5	84.96	90.01	2.39	18.54	Stainless
ESS 1.8×15×57.5×17.5	1.8	15	57.5	17.5	89.99	90.01	2.2	18.54	Stainless
ESS 1.8×15×60×19.5	1.8	15	60	19.5	95.01	90.01	2.04	18.54	Stainless
ESS 1.8×15×62.5×20.5	1.8	15	62.5	20.5	100.04	90.01	1.9	18.54	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.8×15×65×22.5	1.8	15	65	22.5	105.06	90.01	1.78	18.54	Stainless
ESS 1.8×15×67.5×23.5	1.8	15	67.5	23.5	110.08	90.01	1.68	18.54	Stainless
ESS 1.8×15×70×24.5	1.8	15	70	24.5	115.11	90.01	1.58	18.54	Stainless
ESS 1.8×15×72.5×26.5	1.8	15	72.5	26.5	120.13	90.01	1.5	18.54	Stainless
ESS 1.8×15×75×27.5	1.8	15	75	27.5	125.15	90.01	1.43	18.54	Stainless
ESS 1.8×15×77.5×28.5	1.8	15	77.5	28.5	130.18	90.01	1.36	18.54	Stainless
ESS 1.8×15×80×30.5	1.8	15	80	30.5	135.2	90.01	1.29	18.54	Stainless
ESS 1.8×15×82.5×31.5	1.8	15	82.5	31.5	140.23	90.01	1.24	18.54	Stainless
ESS 1.8×15×85×33.5	1.8	15	85	33.5	145.25	90.01	1.19	18.54	Stainless
ESS 1.8×15×87.5×34.5	1.8	15	87.5	34.5	150.27	90.01	1.14	18.54	Stainless
ESM 1.1×16×40×9.5	1.1	16	40	9.5	83.8	22.26	0.46	1.95	Carbon
ESM 1.1×16×42.5×12.5	1.1	16	42.5	12.5	96.39	22.26	0.38	1.95	Carbon
ESM 1.1×16×45×14.5	1.1	16	45	14.5	108.98	22.26	0.32	1.95	Carbon
ESM 1.1×16×47.5×16.5	1.1	16	47.5	16.5	121.56	22.26	0.27	1.95	Carbon
ESM 1.1×16×50×18.5	1.1	16	50	18.5	134.15	22.26	0.24	1.95	Carbon
ESM 1.1×16×52.5×21.5	1.1	16	52.5	21.5	146.73	22.26	0.22	1.95	Carbon
ESM 1.1×16×55×23.5	1.1	16	55	23.5	159.3	22.26	0.19	1.95	Carbon
ESM 1.1×16×57.5×25.5	1.1	16	57.5	25.5	171.9	22.26	0.18	1.95	Carbon
ESM 1.1×16×60×28.5	1.1	16	60	28.5	184.5	22.26	0.16	1.95	Carbon
ESM 1.1×16×62.5×30.5	1.1	16	62.5	30.5	197.07	22.26	0.15	1.95	Carbon
ESM 1.1×16×65×32.5	1.1	16	65	32.5	209.63	22.26	0.14	1.95	Carbon
ESM 1.1×16×67.5×34.5	1.1	16	67.5	34.5	222.28	22.26	0.13	1.95	Carbon
ESM 1.1×16×70×37.5	1.1	16	70	37.5	234.83	22.26	0.12	1.95	Carbon
ESS 1.1×16×40×9.5	1.1	16	40	9.5	84.68	19.21	0.39	1.95	Stainless
ESS 1.1×16×42.5×12.5	1.1	16	42.5	12.5	97.47	19.21	0.31	1.95	Stainless
ESS 1.1×16×45×14.5	1.1	16	45	14.5	110.26	19.21	0.26	1.95	Stainless
ESS 1.1×16×47.5×16.5	1.1	16	47.5	16.5	123.04	19.21	0.23	1.95	Stainless
ESS 1.1×16×50×18.5	1.1	16	50	18.5	135.83	19.21	0.2	1.95	Stainless
ESS 1.1×16×52.5×21.5	1.1	16	52.5	21.5	148.61	19.21	0.18	1.95	Stainless
ESS 1.1×16×55×23.5	1.1	16	55	23.5	161.42	19.21	0.16	1.95	Stainless
ESS 1.1×16×57.5×25.5	1.1	16	57.5	25.5	174.21	19.21	0.15	1.95	Stainless
ESS 1.1×16×60×28.5	1.1	16	60	28.5	187.01	19.21	0.14	1.95	Stainless
ESS 1.1×16×62.5×30.5	1.1	16	62.5	30.5	199.71	19.21	0.13	1.95	Stainless
ESS 1.1×16×65×32.5	1.1	16	65	32.5	212.53	19.21	0.12	1.95	Stainless
ESS 1.1×16×67.5×34.5	1.1	16	67.5	34.5	225.28	19.21	0.11	1.95	Stainless

M: Carbon Steel;
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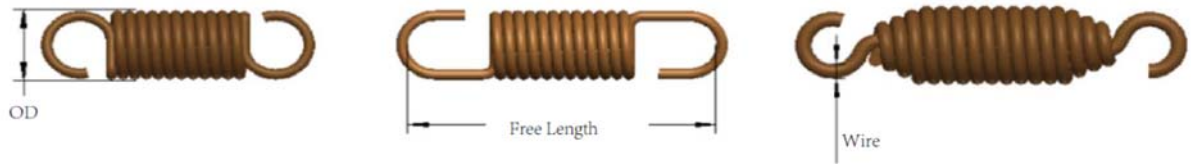
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.1×16×70×37.5	1.1	16	70	37.5	238.07	19.21	0.1	1.95	Stainless
ESM 1.2×16×40×9.5	1.2	16	40	9.5	76.3	28.81	0.71	2.9	Carbon
ESM 1.2×16×42.5×11.5	1.2	16	42.5	11.5	86.96	28.81	0.58	2.9	Carbon
ESM 1.2×16×45×13.5	1.2	16	45	13.5	97.62	28.81	0.49	2.9	Carbon
ESM 1.2×16×47.5×15.5	1.2	16	47.5	15.5	108.28	28.81	0.43	2.9	Carbon
ESM 1.2×16×50×17.5	1.2	16	50	17.5	118.95	28.81	0.38	2.9	Carbon
ESM 1.2×16×52.5×19.5	1.2	16	52.5	19.5	129.62	28.81	0.34	2.9	Carbon
ESM 1.2×16×55×21.5	1.2	16	55	21.5	140.26	28.81	0.3	2.9	Carbon
ESM 1.2×16×57.5×23.5	1.2	16	57.5	23.5	150.94	28.81	0.28	2.9	Carbon
ESM 1.2×16×60×25.5	1.2	16	60	25.5	161.61	28.81	0.26	2.9	Carbon
ESM 1.2×16×62.5×28.5	1.2	16	62.5	28.5	172.25	28.81	0.24	2.9	Carbon
ESM 1.2×16×65×30.5	1.2	16	65	30.5	182.94	28.81	0.22	2.9	Carbon
ESM 1.2×16×67.5×32.5	1.2	16	67.5	32.5	193.59	28.81	0.21	2.9	Carbon
ESM 1.2×16×70×34.5	1.2	16	70	34.5	204.25	28.81	0.19	2.9	Carbon
ESM 1.2×16×72.5×36.5	1.2	16	72.5	36.5	214.87	28.81	0.18	2.9	Carbon
ESM 1.2×16×75×38.5	1.2	16	75	38.5	225.56	28.81	0.17	2.9	Carbon
ESS 1.2×16×40×9.5	1.2	16	40	9.5	77.03	24.92	0.59	2.9	Stainless
ESS 1.2×16×42.5×11.5	1.2	16	42.5	11.5	87.86	24.92	0.49	2.9	Stainless
ESS 1.2×16×45×13.5	1.2	16	45	13.5	98.68	24.92	0.41	2.9	Stainless
ESS 1.2×16×47.5×15.5	1.2	16	47.5	15.5	109.51	24.92	0.36	2.9	Stainless
ESS 1.2×16×50×17.5	1.2	16	50	17.5	120.32	24.92	0.31	2.9	Stainless
ESS 1.2×16×52.5×19.5	1.2	16	52.5	19.5	131.16	24.92	0.28	2.9	Stainless
ESS 1.2×16×55×21.5	1.2	16	55	21.5	141.99	24.92	0.25	2.9	Stainless
ESS 1.2×16×57.5×23.5	1.2	16	57.5	23.5	152.81	24.92	0.23	2.9	Stainless
ESS 1.2×16×60×25.5	1.2	16	60	25.5	163.65	24.92	0.21	2.9	Stainless
ESS 1.2×16×62.5×28.5	1.2	16	62.5	28.5	174.47	24.92	0.2	2.9	Stainless
ESS 1.2×16×65×30.5	1.2	16	65	30.5	185.29	24.92	0.18	2.9	Stainless
ESS 1.2×16×67.5×32.5	1.2	16	67.5	32.5	196.08	24.92	0.17	2.9	Stainless
ESS 1.2×16×70×34.5	1.2	16	70	34.5	206.89	24.92	0.16	2.9	Stainless
ESS 1.2×16×72.5×36.5	1.2	16	72.5	36.5	217.79	24.92	0.15	2.9	Stainless
ESS 1.2×16×75×38.5	1.2	16	75	38.5	228.59	24.92	0.14	2.9	Stainless
ESM 1.3×16×40×8.5	1.3	16	40	8.5	70.6	36.64	1.06	4.13	Carbon
ESM 1.3×16×42.5×10.5	1.3	16	42.5	10.5	79.83	36.64	0.87	4.13	Carbon
ESM 1.3×16×45×12.5	1.3	16	45	12.5	89.05	36.64	0.74	4.13	Carbon
ESM 1.3×16×47.5×14.5	1.3	16	47.5	14.5	98.27	36.64	0.64	4.13	Carbon

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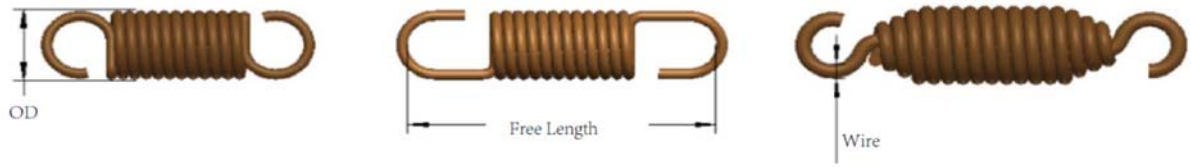
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.3×16×50×16.5	1.3	16	50	16.5	107.5	36.64	0.57	4.13	Carbon
ESM 1.3×16×52.5×18.5	1.3	16	52.5	18.5	116.72	36.64	0.51	4.13	Carbon
ESM 1.3×16×55×20.5	1.3	16	55	20.5	125.94	36.64	0.46	4.13	Carbon
ESM 1.3×16×57.5×22.5	1.3	16	57.5	22.5	135.17	36.64	0.42	4.13	Carbon
ESM 1.3×16×60×24.5	1.3	16	60	24.5	144.38	36.64	0.39	4.13	Carbon
ESM 1.3×16×62.5×26.5	1.3	16	62.5	26.5	153.6	36.64	0.36	4.13	Carbon
ESM 1.3×16×65×27.5	1.3	16	65	27.5	162.84	36.64	0.33	4.13	Carbon
ESM 1.3×16×67.5×29.5	1.3	16	67.5	29.5	172.05	36.64	0.31	4.13	Carbon
ESM 1.3×16×70×31.5	1.3	16	70	31.5	181.28	36.64	0.29	4.13	Carbon
ESM 1.3×16×72.5×33.5	1.3	16	72.5	33.5	190.52	36.64	0.28	4.13	Carbon
ESM 1.3×16×75×35.5	1.3	16	75	35.5	199.73	36.64	0.26	4.13	Carbon
ESM 1.3×16×77.5×37.5	1.3	16	77.5	37.5	208.93	36.64	0.25	4.13	Carbon
ESM 1.3×16×80×39.5	1.3	16	80	39.5	218.2	36.64	0.24	4.13	Carbon
ESM 1.3×16×82.5×41.5	1.3	16	82.5	41.5	227.41	36.64	0.22	4.13	Carbon
ESM 1.3×16×85×43.5	1.3	16	85	43.5	236.6	36.64	0.21	4.13	Carbon
ESM 1.3×16×87.5×45.5	1.3	16	87.5	45.5	245.82	36.64	0.21	4.13	Carbon
ESS 1.3×16×40×8.5	1.3	16	40	8.5	71.1	31.66	0.89	4.13	Stainless
ESS 1.3×16×42.5×10.5	1.3	16	42.5	10.5	80.44	31.66	0.73	4.13	Stainless
ESS 1.3×16×45×12.5	1.3	16	45	12.5	89.77	31.66	0.61	4.13	Stainless
ESS 1.3×16×47.5×14.5	1.3	16	47.5	14.5	99.1	31.66	0.53	4.13	Stainless
ESS 1.3×16×50×16.5	1.3	16	50	16.5	108.44	31.66	0.47	4.13	Stainless
ESS 1.3×16×52.5×18.5	1.3	16	52.5	18.5	117.77	31.66	0.42	4.13	Stainless
ESS 1.3×16×55×20.5	1.3	16	55	20.5	127.11	31.66	0.38	4.13	Stainless
ESS 1.3×16×57.5×22.5	1.3	16	57.5	22.5	136.43	31.66	0.35	4.13	Stainless
ESS 1.3×16×60×24.5	1.3	16	60	24.5	145.76	31.66	0.32	4.13	Stainless
ESS 1.3×16×62.5×26.5	1.3	16	62.5	26.5	155.1	31.66	0.3	4.13	Stainless
ESS 1.3×16×65×27.5	1.3	16	65	27.5	164.42	31.66	0.28	4.13	Stainless
ESS 1.3×16×67.5×29.5	1.3	16	67.5	29.5	173.75	31.66	0.26	4.13	Stainless
ESS 1.3×16×70×31.5	1.3	16	70	31.5	183.11	31.66	0.24	4.13	Stainless
ESS 1.3×16×72.5×33.5	1.3	16	72.5	33.5	192.46	31.66	0.23	4.13	Stainless
ESS 1.3×16×75×35.5	1.3	16	75	35.5	201.75	31.66	0.22	4.13	Stainless
ESS 1.3×16×77.5×37.5	1.3	16	77.5	37.5	211.08	31.66	0.21	4.13	Stainless
ESS 1.3×16×80×39.5	1.3	16	80	39.5	220.46	31.66	0.2	4.13	Stainless
ESS 1.3×16×82.5×41.5	1.3	16	82.5	41.5	229.8	31.66	0.19	4.13	Stainless
ESS 1.3×16×85×43.5	1.3	16	85	43.5	239.14	31.66	0.18	4.13	Stainless

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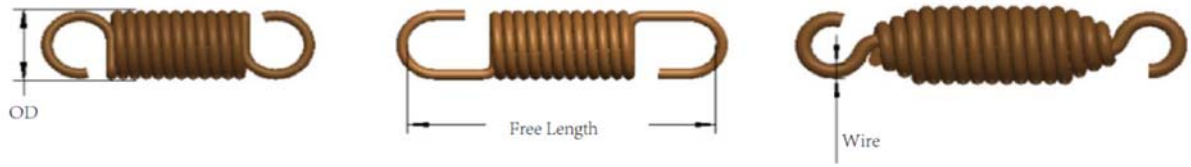
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×16×87.5×45.5	1.3	16	87.5	45.5	248.4	31.66	0.17	4.13	Stainless
ESM 1.4×16×42.5×10.5	1.4	16	42.5	10.5	74.2	45.77	1.26	5.7	Carbon
ESM 1.4×16×45×11.5	1.4	16	45	11.5	82.31	45.77	1.07	5.7	Carbon
ESM 1.4×16×47.5×13.5	1.4	16	47.5	13.5	90.42	45.77	0.93	5.7	Carbon
ESM 1.4×16×50×15.5	1.4	16	50	15.5	98.52	45.77	0.83	5.7	Carbon
ESM 1.4×16×52.5×17.5	1.4	16	52.5	17.5	106.62	45.77	0.74	5.7	Carbon
ESM 1.4×16×55×19.5	1.4	16	55	19.5	114.73	45.77	0.67	5.7	Carbon
ESM 1.4×16×57.5×20.5	1.4	16	57.5	20.5	122.84	45.77	0.61	5.7	Carbon
ESM 1.4×16×60×22.5	1.4	16	60	22.5	130.94	45.77	0.56	5.7	Carbon
ESM 1.4×16×62.5×24.5	1.4	16	62.5	24.5	139.05	45.77	0.52	5.7	Carbon
ESM 1.4×16×65×26.5	1.4	16	65	26.5	147.15	45.77	0.49	5.7	Carbon
ESM 1.4×16×67.5×27.5	1.4	16	67.5	27.5	155.25	45.77	0.46	5.7	Carbon
ESM 1.4×16×70×29.5	1.4	16	70	29.5	163.35	45.77	0.43	5.7	Carbon
ESM 1.4×16×72.5×31.5	1.4	16	72.5	31.5	171.48	45.77	0.4	5.7	Carbon
ESM 1.4×16×75×33.5	1.4	16	75	33.5	179.58	45.77	0.38	5.7	Carbon
ESM 1.4×16×77.5×35.5	1.4	16	77.5	35.5	187.66	45.77	0.36	5.7	Carbon
ESM 1.4×16×80×36.5	1.4	16	80	36.5	195.77	45.77	0.35	5.7	Carbon
ESM 1.4×16×82.5×38.5	1.4	16	82.5	38.5	203.88	45.77	0.33	5.7	Carbon
ESM 1.4×16×85×40.5	1.4	16	85	40.5	211.99	45.77	0.32	5.7	Carbon
ESM 1.4×16×87.5×42.5	1.4	16	87.5	42.5	220.08	45.77	0.3	5.7	Carbon
ESM 1.4×16×90×44.5	1.4	16	90	44.5	228.21	45.77	0.29	5.7	Carbon
ESS 1.4×16×42.5×10.5	1.4	16	42.5	10.5	74.6	39.51	1.05	5.7	Stainless
ESS 1.4×16×45×11.5	1.4	16	45	11.5	82.78	39.51	0.89	5.7	Stainless
ESS 1.4×16×47.5×13.5	1.4	16	47.5	13.5	90.96	39.51	0.78	5.7	Stainless
ESS 1.4×16×50×15.5	1.4	16	50	15.5	99.13	39.51	0.69	5.7	Stainless
ESS 1.4×16×52.5×17.5	1.4	16	52.5	17.5	107.31	39.51	0.62	5.7	Stainless
ESS 1.4×16×55×19.5	1.4	16	55	19.5	115.49	39.51	0.56	5.7	Stainless
ESS 1.4×16×57.5×20.5	1.4	16	57.5	20.5	123.67	39.51	0.51	5.7	Stainless
ESS 1.4×16×60×22.5	1.4	16	60	22.5	131.83	39.51	0.47	5.7	Stainless
ESS 1.4×16×62.5×24.5	1.4	16	62.5	24.5	140.01	39.51	0.44	5.7	Stainless
ESS 1.4×16×65×26.5	1.4	16	65	26.5	148.2	39.51	0.41	5.7	Stainless
ESS 1.4×16×67.5×27.5	1.4	16	67.5	27.5	156.36	39.51	0.38	5.7	Stainless
ESS 1.4×16×70×29.5	1.4	16	70	29.5	164.55	39.51	0.36	5.7	Stainless
ESS 1.4×16×72.5×31.5	1.4	16	72.5	31.5	172.71	39.51	0.34	5.7	Stainless
ESS 1.4×16×75×33.5	1.4	16	75	33.5	180.89	39.51	0.32	5.7	Stainless

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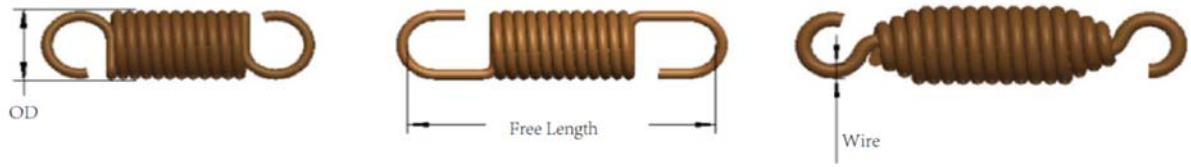
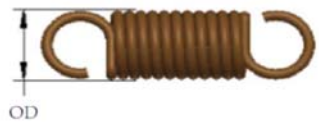
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×16×77.5×35.5	1.4	16	77.5	35.5	189.09	39.51	0.3	5.7	Stainless
ESS 1.4×16×80×36.5	1.4	16	80	36.5	197.24	39.51	0.29	5.7	Stainless
ESS 1.4×16×82.5×38.5	1.4	16	82.5	38.5	205.41	39.51	0.28	5.7	Stainless
ESS 1.4×16×85×40.5	1.4	16	85	40.5	213.61	39.51	0.26	5.7	Stainless
ESS 1.4×16×87.5×42.5	1.4	16	87.5	42.5	221.78	39.51	0.25	5.7	Stainless
ESS 1.4×16×90×44.5	1.4	16	90	44.5	229.95	39.51	0.24	5.7	Stainless
ESM 1.5×16×42.5×9.5	1.5	16	42.5	9.5	69.6	56.11	1.79	7.65	Carbon
ESM 1.5×16×45×11.5	1.5	16	45	11.5	76.8	56.11	1.52	7.65	Carbon
ESM 1.5×16×47.5×12.5	1.5	16	47.5	12.5	84	56.11	1.33	7.65	Carbon
ESM 1.5×16×50×14.5	1.5	16	50	14.5	91.21	56.11	1.18	7.65	Carbon
ESM 1.5×16×52.5×16.5	1.5	16	52.5	16.5	98.41	56.11	1.06	7.65	Carbon
ESM 1.5×16×55×17.5	1.5	16	55	17.5	105.62	56.11	0.96	7.65	Carbon
ESM 1.5×16×57.5×19.5	1.5	16	57.5	19.5	112.82	56.11	0.88	7.65	Carbon
ESM 1.5×16×60×21.5	1.5	16	60	21.5	120.03	56.11	0.81	7.65	Carbon
ESM 1.5×16×62.5×22.5	1.5	16	62.5	22.5	127.22	56.11	0.75	7.65	Carbon
ESM 1.5×16×65×24.5	1.5	16	65	24.5	134.43	56.11	0.7	7.65	Carbon
ESM 1.5×16×67.5×26.5	1.5	16	67.5	26.5	141.64	56.11	0.65	7.65	Carbon
ESM 1.5×16×70×27.5	1.5	16	70	27.5	148.84	56.11	0.61	7.65	Carbon
ESM 1.5×16×72.5×29.5	1.5	16	72.5	29.5	156.05	56.11	0.58	7.65	Carbon
ESM 1.5×16×75×31.5	1.5	16	75	31.5	163.25	56.11	0.55	7.65	Carbon
ESM 1.5×16×77.5×32.5	1.5	16	77.5	32.5	170.45	56.11	0.52	7.65	Carbon
ESM 1.5×16×80×34.5	1.5	16	80	34.5	177.65	56.11	0.5	7.65	Carbon
ESM 1.5×16×82.5×36.5	1.5	16	82.5	36.5	184.85	56.11	0.47	7.65	Carbon
ESM 1.5×16×85×37.5	1.5	16	85	37.5	192.06	56.11	0.45	7.65	Carbon
ESM 1.5×16×87.5×39.5	1.5	16	87.5	39.5	199.27	56.11	0.43	7.65	Carbon
ESM 1.5×16×90×41.5	1.5	16	90	41.5	206.47	56.11	0.42	7.65	Carbon
ESS 1.5×16×42.5×9.5	1.5	16	42.5	9.5	69.94	48.55	1.49	7.65	Stainless
ESS 1.5×16×45×11.5	1.5	16	45	11.5	77.21	48.55	1.27	7.65	Stainless
ESS 1.5×16×47.5×12.5	1.5	16	47.5	12.5	84.47	48.55	1.11	7.65	Stainless
ESS 1.5×16×50×14.5	1.5	16	50	14.5	91.74	48.55	0.98	7.65	Stainless
ESS 1.5×16×52.5×16.5	1.5	16	52.5	16.5	99	48.55	0.88	7.65	Stainless
ESS 1.5×16×55×17.5	1.5	16	55	17.5	106.27	48.55	0.8	7.65	Stainless
ESS 1.5×16×57.5×19.5	1.5	16	57.5	19.5	113.53	48.55	0.73	7.65	Stainless
ESS 1.5×16×60×21.5	1.5	16	60	21.5	120.79	48.55	0.67	7.65	Stainless
ESS 1.5×16×62.5×22.5	1.5	16	62.5	22.5	128.06	48.55	0.62	7.65	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

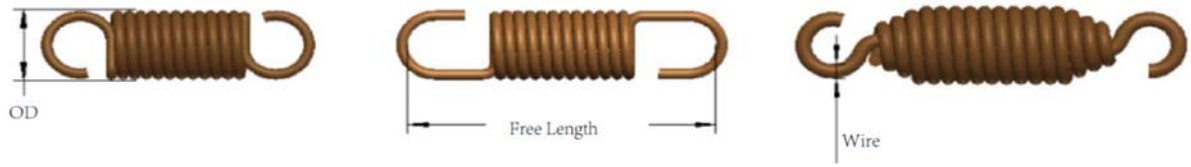






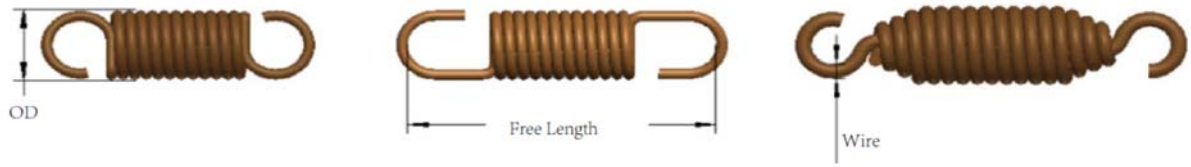
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×16×65×24.5	1.5	16	65	24.5	135.32	48.55	0.58	7.65	Stainless
ESS 1.5×16×67.5×26.5	1.5	16	67.5	26.5	142.59	48.55	0.54	7.65	Stainless
ESS 1.5×16×70×27.5	1.5	16	70	27.5	149.85	48.55	0.51	7.65	Stainless
ESS 1.5×16×72.5×29.5	1.5	16	72.5	29.5	157.13	48.55	0.48	7.65	Stainless
ESS 1.5×16×75×31.5	1.5	16	75	31.5	164.38	48.55	0.46	7.65	Stainless
ESS 1.5×16×77.5×32.5	1.5	16	77.5	32.5	171.65	48.55	0.43	7.65	Stainless
ESS 1.5×16×80×34.5	1.5	16	80	34.5	178.91	48.55	0.41	7.65	Stainless
ESS 1.5×16×82.5×36.5	1.5	16	82.5	36.5	186.17	48.55	0.39	7.65	Stainless
ESS 1.5×16×85×37.5	1.5	16	85	37.5	193.45	48.55	0.38	7.65	Stainless
ESS 1.5×16×87.5×39.5	1.5	16	87.5	39.5	200.69	48.55	0.36	7.65	Stainless
ESS 1.5×16×90×41.5	1.5	16	90	41.5	207.96	48.55	0.35	7.65	Stainless
ESM 1.6×16×42.5×9.5	1.6	16	42.5	9.5	65.95	68.11	2.48	10.02	Carbon
ESM 1.6×16×45×10.5	1.6	16	45	10.5	72.45	68.11	2.12	10.02	Carbon
ESM 1.6×16×47.5×12.5	1.6	16	47.5	12.5	78.95	68.11	1.85	10.02	Carbon
ESM 1.6×16×50×13.5	1.6	16	50	13.5	85.45	68.11	1.64	10.02	Carbon
ESM 1.6×16×52.5×15.5	1.6	16	52.5	15.5	91.95	68.11	1.47	10.02	Carbon
ESM 1.6×16×55×16.5	1.6	16	55	16.5	98.45	68.11	1.34	10.02	Carbon
ESM 1.6×16×57.5×18.5	1.6	16	57.5	18.5	104.95	68.11	1.22	10.02	Carbon
ESM 1.6×16×60×20.5	1.6	16	60	20.5	111.45	68.11	1.13	10.02	Carbon
ESM 1.6×16×62.5×21.5	1.6	16	62.5	21.5	117.94	68.11	1.05	10.02	Carbon
ESM 1.6×16×65×23.5	1.6	16	65	23.5	124.44	68.11	0.98	10.02	Carbon
ESM 1.6×16×67.5×24.5	1.6	16	67.5	24.5	130.94	68.11	0.92	10.02	Carbon
ESM 1.6×16×70×26.5	1.6	16	70	26.5	137.44	68.11	0.86	10.02	Carbon
ESM 1.6×16×72.5×27.5	1.6	16	72.5	27.5	143.94	68.11	0.81	10.02	Carbon
ESM 1.6×16×75×29.5	1.6	16	75	29.5	150.44	68.11	0.77	10.02	Carbon
ESM 1.6×16×77.5×31.5	1.6	16	77.5	31.5	156.94	68.11	0.73	10.02	Carbon
ESM 1.6×16×80×32.5	1.6	16	80	32.5	163.44	68.11	0.7	10.02	Carbon
ESM 1.6×16×82.5×34.5	1.6	16	82.5	34.5	169.94	68.11	0.66	10.02	Carbon
ESM 1.6×16×85×35.5	1.6	16	85	35.5	176.43	68.11	0.64	10.02	Carbon
ESM 1.6×16×87.5×37.5	1.6	16	87.5	37.5	182.93	68.11	0.61	10.02	Carbon
ESM 1.6×16×90×38.5	1.6	16	90	38.5	189.43	68.11	0.58	10.02	Carbon
ESS 1.6×16×42.5×9.5	1.6	16	42.5	9.5	66.17	58.87	2.06	10.02	Stainless
ESS 1.6×16×45×10.5	1.6	16	45	10.5	72.7	58.87	1.76	10.02	Stainless
ESS 1.6×16×47.5×12.5	1.6	16	47.5	12.5	79.24	58.87	1.54	10.02	Stainless
ESS 1.6×16×50×13.5	1.6	16	50	13.5	85.78	58.87	1.37	10.02	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



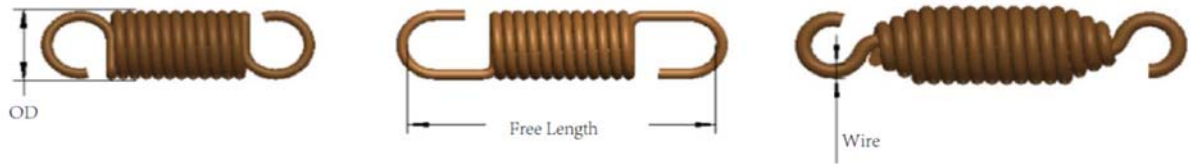
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.6×16×52.5×15.5	1.6	16	52.5	15.5	92.31	58.87	1.23	10.02	Stainless
ESS 1.6×16×55×16.5	1.6	16	55	16.5	98.85	58.87	1.11	10.02	Stainless
ESS 1.6×16×57.5×18.5	1.6	16	57.5	18.5	105.39	58.87	1.02	10.02	Stainless
ESS 1.6×16×60×20.5	1.6	16	60	20.5	111.92	58.87	0.94	10.02	Stainless
ESS 1.6×16×62.5×21.5	1.6	16	62.5	21.5	118.45	58.87	0.87	10.02	Stainless
ESS 1.6×16×65×23.5	1.6	16	65	23.5	124.99	58.87	0.81	10.02	Stainless
ESS 1.6×16×67.5×24.5	1.6	16	67.5	24.5	131.53	58.87	0.76	10.02	Stainless
ESS 1.6×16×70×26.5	1.6	16	70	26.5	138.06	58.87	0.72	10.02	Stainless
ESS 1.6×16×72.5×27.5	1.6	16	72.5	27.5	144.6	58.87	0.68	10.02	Stainless
ESS 1.6×16×75×29.5	1.6	16	75	29.5	151.13	58.87	0.64	10.02	Stainless
ESS 1.6×16×77.5×31.5	1.6	16	77.5	31.5	157.67	58.87	0.61	10.02	Stainless
ESS 1.6×16×80×32.5	1.6	16	80	32.5	164.21	58.87	0.58	10.02	Stainless
ESS 1.6×16×82.5×34.5	1.6	16	82.5	34.5	170.75	58.87	0.55	10.02	Stainless
ESS 1.6×16×85×35.5	1.6	16	85	35.5	177.28	58.87	0.53	10.02	Stainless
ESS 1.6×16×87.5×37.5	1.6	16	87.5	37.5	183.82	58.87	0.51	10.02	Stainless
ESS 1.6×16×90×38.5	1.6	16	90	38.5	190.36	58.87	0.49	10.02	Stainless
ESM 1.7×16×42.5×8.5	1.7	16	42.5	8.5	62.95	81.71	3.37	12.88	Carbon
ESM 1.7×16×45×10.5	1.7	16	45	10.5	68.88	81.71	2.88	12.88	Carbon
ESM 1.7×16×47.5×11.5	1.7	16	47.5	11.5	74.81	81.71	2.52	12.88	Carbon
ESM 1.7×16×50×13.5	1.7	16	50	13.5	80.74	81.71	2.24	12.88	Carbon
ESM 1.7×16×52.5×14.5	1.7	16	52.5	14.5	86.66	81.71	2.01	12.88	Carbon
ESM 1.7×16×55×16.5	1.7	16	55	16.5	92.59	81.71	1.83	12.88	Carbon
ESM 1.7×16×57.5×17.5	1.7	16	57.5	17.5	98.52	81.71	1.68	12.88	Carbon
ESM 1.7×16×60×19.5	1.7	16	60	19.5	104.45	81.71	1.55	12.88	Carbon
ESM 1.7×16×62.5×20.5	1.7	16	62.5	20.5	110.37	81.71	1.44	12.88	Carbon
ESM 1.7×16×65×22.5	1.7	16	65	22.5	116.3	81.71	1.34	12.88	Carbon
ESM 1.7×16×67.5×23.5	1.7	16	67.5	23.5	122.23	81.71	1.26	12.88	Carbon
ESM 1.7×16×70×24.5	1.7	16	70	24.5	128.16	81.71	1.18	12.88	Carbon
ESM 1.7×16×72.5×26.5	1.7	16	72.5	26.5	134.08	81.71	1.12	12.88	Carbon
ESM 1.7×16×75×27.5	1.7	16	75	27.5	140.01	81.71	1.06	12.88	Carbon
ESM 1.7×16×77.5×29.5	1.7	16	77.5	29.5	145.94	81.71	1.01	12.88	Carbon
ESM 1.7×16×80×30.5	1.7	16	80	30.5	151.87	81.71	0.96	12.88	Carbon
ESM 1.7×16×82.5×32.5	1.7	16	82.5	32.5	157.79	81.71	0.91	12.88	Carbon
ESM 1.7×16×85×33.5	1.7	16	85	33.5	163.72	81.71	0.87	12.88	Carbon
ESM 1.7×16×87.5×35.5	1.7	16	87.5	35.5	169.65	81.71	0.84	12.88	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



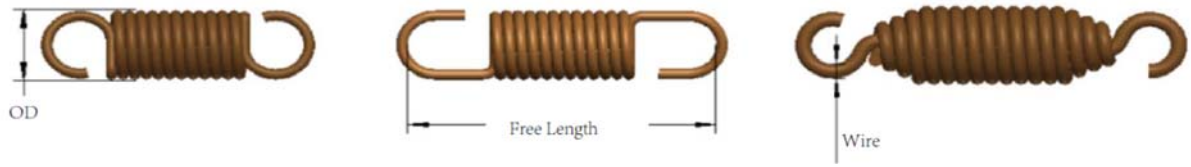
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×16×90×36.5	1.7	16	90	36.5	175.57	81.71	0.8	12.88	Carbon
ESS 1.7×16×42.5×8.5	1.7	16	42.5	8.5	63.07	70.55	2.8	12.88	Stainless
ESS 1.7×16×45×10.5	1.7	16	45	10.5	69.01	70.55	2.4	12.88	Stainless
ESS 1.7×16×47.5×11.5	1.7	16	47.5	11.5	74.96	70.55	2.1	12.88	Stainless
ESS 1.7×16×50×13.5	1.7	16	50	13.5	80.91	70.55	1.87	12.88	Stainless
ESS 1.7×16×52.5×14.5	1.7	16	52.5	14.5	86.85	70.55	1.68	12.88	Stainless
ESS 1.7×16×55×16.5	1.7	16	55	16.5	92.8	70.55	1.53	12.88	Stainless
ESS 1.7×16×57.5×17.5	1.7	16	57.5	17.5	98.75	70.55	1.4	12.88	Stainless
ESS 1.7×16×60×19.5	1.7	16	60	19.5	104.69	70.55	1.29	12.88	Stainless
ESS 1.7×16×62.5×20.5	1.7	16	62.5	20.5	110.64	70.55	1.2	12.88	Stainless
ESS 1.7×16×65×22.5	1.7	16	65	22.5	116.59	70.55	1.12	12.88	Stainless
ESS 1.7×16×67.5×23.5	1.7	16	67.5	23.5	122.53	70.55	1.05	12.88	Stainless
ESS 1.7×16×70×24.5	1.7	16	70	24.5	128.48	70.55	0.99	12.88	Stainless
ESS 1.7×16×72.5×26.5	1.7	16	72.5	26.5	134.43	70.55	0.93	12.88	Stainless
ESS 1.7×16×75×27.5	1.7	16	75	27.5	140.37	70.55	0.88	12.88	Stainless
ESS 1.7×16×77.5×29.5	1.7	16	77.5	29.5	146.31	70.55	0.84	12.88	Stainless
ESS 1.7×16×80×30.5	1.7	16	80	30.5	152.26	70.55	0.8	12.88	Stainless
ESS 1.7×16×82.5×32.5	1.7	16	82.5	32.5	158.21	70.55	0.76	12.88	Stainless
ESS 1.7×16×85×33.5	1.7	16	85	33.5	164.15	70.55	0.73	12.88	Stainless
ESS 1.7×16×87.5×35.5	1.7	16	87.5	35.5	170.1	70.55	0.7	12.88	Stainless
ESS 1.7×16×90×36.5	1.7	16	90	36.5	176.05	70.55	0.67	12.88	Stainless
ESM 1.8×16×42.5×8.5	1.8	16	42.5	8.5	60.46	97.01	4.5	16.26	Carbon
ESM 1.8×16×45×9.5	1.8	16	45	9.5	65.92	97.01	3.86	16.26	Carbon
ESM 1.8×16×47.5×11.5	1.8	16	47.5	11.5	71.38	97.01	3.38	16.26	Carbon
ESM 1.8×16×50×12.5	1.8	16	50	12.5	76.84	97.01	3.01	16.26	Carbon
ESM 1.8×16×52.5×13.5	1.8	16	52.5	13.5	82.3	97.01	2.71	16.26	Carbon
ESM 1.8×16×55×15.5	1.8	16	55	15.5	87.75	97.01	2.47	16.26	Carbon
ESM 1.8×16×57.5×16.5	1.8	16	57.5	16.5	93.21	97.01	2.26	16.26	Carbon
ESM 1.8×16×60×18.5	1.8	16	60	18.5	98.67	97.01	2.09	16.26	Carbon
ESM 1.8×16×62.5×19.5	1.8	16	62.5	19.5	104.13	97.01	1.94	16.26	Carbon
ESM 1.8×16×65×20.5	1.8	16	65	20.5	109.59	97.01	1.81	16.26	Carbon
ESM 1.8×16×67.5×22.5	1.8	16	67.5	22.5	115.04	97.01	1.7	16.26	Carbon
ESM 1.8×16×70×23.5	1.8	16	70	23.5	120.5	97.01	1.6	16.26	Carbon
ESM 1.8×16×72.5×25.5	1.8	16	72.5	25.5	125.96	97.01	1.51	16.26	Carbon
ESM 1.8×16×75×26.5	1.8	16	75	26.5	131.42	97.01	1.43	16.26	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×16×77.5×27.5	1.8	16	77.5	27.5	136.88	97.01	1.36	16.26	Carbon
ESM 1.8×16×80×29.5	1.8	16	80	29.5	142.34	97.01	1.3	16.26	Carbon
ESM 1.8×16×82.5×30.5	1.8	16	82.5	30.5	147.79	97.01	1.24	16.26	Carbon
ESM 1.8×16×85×32.5	1.8	16	85	32.5	153.25	97.01	1.18	16.26	Carbon
ESM 1.8×16×87.5×33.5	1.8	16	87.5	33.5	158.71	97.01	1.13	16.26	Carbon
ESM 1.8×16×90×34.5	1.8	16	90	34.5	164.17	97.01	1.09	16.26	Carbon
ESS 1.8×16×42.5×8.5	1.8	16	42.5	8.5	60.5	83.67	3.75	16.26	Stainless
ESS 1.8×16×45×9.5	1.8	16	45	9.5	65.96	83.67	3.22	16.26	Stainless
ESS 1.8×16×47.5×11.5	1.8	16	47.5	11.5	71.42	83.67	2.82	16.26	Stainless
ESS 1.8×16×50×12.5	1.8	16	50	12.5	76.89	83.67	2.51	16.26	Stainless
ESS 1.8×16×52.5×13.5	1.8	16	52.5	13.5	82.35	83.67	2.26	16.26	Stainless
ESS 1.8×16×55×15.5	1.8	16	55	15.5	87.81	83.67	2.05	16.26	Stainless
ESS 1.8×16×57.5×16.5	1.8	16	57.5	16.5	93.28	83.67	1.88	16.26	Stainless
ESS 1.8×16×60×18.5	1.8	16	60	18.5	98.74	83.67	1.74	16.26	Stainless
ESS 1.8×16×62.5×19.5	1.8	16	62.5	19.5	104.2	83.67	1.62	16.26	Stainless
ESS 1.8×16×65×20.5	1.8	16	65	20.5	109.67	83.67	1.51	16.26	Stainless
ESS 1.8×16×67.5×22.5	1.8	16	67.5	22.5	115.13	83.67	1.42	16.26	Stainless
ESS 1.8×16×70×23.5	1.8	16	70	23.5	120.6	83.67	1.33	16.26	Stainless
ESS 1.8×16×72.5×25.5	1.8	16	72.5	25.5	126.06	83.67	1.26	16.26	Stainless
ESS 1.8×16×75×26.5	1.8	16	75	26.5	131.52	83.67	1.19	16.26	Stainless
ESS 1.8×16×77.5×27.5	1.8	16	77.5	27.5	136.99	83.67	1.13	16.26	Stainless
ESS 1.8×16×80×29.5	1.8	16	80	29.5	142.45	83.67	1.08	16.26	Stainless
ESS 1.8×16×82.5×30.5	1.8	16	82.5	30.5	147.91	83.67	1.03	16.26	Stainless
ESS 1.8×16×85×32.5	1.8	16	85	32.5	153.38	83.67	0.99	16.26	Stainless
ESS 1.8×16×87.5×33.5	1.8	16	87.5	33.5	158.85	83.67	0.94	16.26	Stainless
ESS 1.8×16×90×34.5	1.8	16	90	34.5	164.3	83.67	0.91	16.26	Stainless
ESM 1.9×16×42.5×8.5	1.9	16	42.5	8.5	58.3	113.72	5.92	20.23	Carbon
ESM 1.9×16×45×9.5	1.9	16	45	9.5	63.36	113.72	5.09	20.23	Carbon
ESM 1.9×16×47.5×10.5	1.9	16	47.5	10.5	68.42	113.72	4.47	20.23	Carbon
ESM 1.9×16×50×12.5	1.9	16	50	12.5	73.48	113.72	3.98	20.23	Carbon
ESM 1.9×16×52.5×13.5	1.9	16	52.5	13.5	78.54	113.72	3.59	20.23	Carbon
ESM 1.9×16×55×14.5	1.9	16	55	14.5	83.6	113.72	3.27	20.23	Carbon
ESM 1.9×16×57.5×16.5	1.9	16	57.5	16.5	88.66	113.72	3	20.23	Carbon
ESM 1.9×16×60×17.5	1.9	16	60	17.5	93.71	113.72	2.77	20.23	Carbon
ESM 1.9×16×62.5×18.5	1.9	16	62.5	18.5	98.77	113.72	2.58	20.23	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.9×16×65×19.5	1.9	16	65	19.5	103.83	113.72	2.41	20.23	Carbon
ESM 1.9×16×67.5×21.5	1.9	16	67.5	21.5	108.89	113.72	2.26	20.23	Carbon
ESM 1.9×16×70×22.5	1.9	16	70	22.5	113.95	113.72	2.13	20.23	Carbon
ESM 1.9×16×72.5×23.5	1.9	16	72.5	23.5	119.01	113.72	2.01	20.23	Carbon
ESM 1.9×16×75×25.5	1.9	16	75	25.5	124.07	113.72	1.91	20.23	Carbon
ESM 1.9×16×77.5×26.5	1.9	16	77.5	26.5	129.13	113.72	1.81	20.23	Carbon
ESM 1.9×16×80×27.5	1.9	16	80	27.5	134.19	113.72	1.73	20.23	Carbon
ESM 1.9×16×82.5×29.5	1.9	16	82.5	29.5	139.25	113.72	1.65	20.23	Carbon
ESM 1.9×16×85×30.5	1.9	16	85	30.5	144.3	113.72	1.58	20.23	Carbon
ESM 1.9×16×87.5×31.5	1.9	16	87.5	31.5	149.36	113.72	1.51	20.23	Carbon
ESM 1.9×16×90×33.5	1.9	16	90	33.5	154.42	113.72	1.45	20.23	Carbon
ESS 1.9×16×42.5×8.5	1.9	16	42.5	8.5	58.34	98.32	4.93	20.23	Stainless
ESS 1.9×16×45×9.5	1.9	16	45	9.5	63.4	98.32	4.24	20.23	Stainless
ESS 1.9×16×47.5×10.5	1.9	16	47.5	10.5	68.47	98.32	3.72	20.23	Stainless
ESS 1.9×16×50×12.5	1.9	16	50	12.5	73.53	98.32	3.32	20.23	Stainless
ESS 1.9×16×52.5×13.5	1.9	16	52.5	13.5	78.6	98.32	2.99	20.23	Stainless
ESS 1.9×16×55×14.5	1.9	16	55	14.5	83.66	98.32	2.72	20.23	Stainless
ESS 1.9×16×57.5×16.5	1.9	16	57.5	16.5	88.73	98.32	2.5	20.23	Stainless
ESS 1.9×16×60×17.5	1.9	16	60	17.5	93.79	98.32	2.31	20.23	Stainless
ESS 1.9×16×62.5×18.5	1.9	16	62.5	18.5	98.86	98.32	2.15	20.23	Stainless
ESS 1.9×16×65×19.5	1.9	16	65	19.5	103.92	98.32	2.01	20.23	Stainless
ESS 1.9×16×67.5×21.5	1.9	16	67.5	21.5	108.99	98.32	1.88	20.23	Stainless
ESS 1.9×16×70×22.5	1.9	16	70	22.5	114.05	98.32	1.77	20.23	Stainless
ESS 1.9×16×72.5×23.5	1.9	16	72.5	23.5	119.12	98.32	1.68	20.23	Stainless
ESS 1.9×16×75×25.5	1.9	16	75	25.5	124.18	98.32	1.59	20.23	Stainless
ESS 1.9×16×77.5×26.5	1.9	16	77.5	26.5	129.25	98.32	1.51	20.23	Stainless
ESS 1.9×16×80×27.5	1.9	16	80	27.5	134.31	98.32	1.44	20.23	Stainless
ESS 1.9×16×82.5×29.5	1.9	16	82.5	29.5	139.38	98.32	1.37	20.23	Stainless
ESS 1.9×16×85×30.5	1.9	16	85	30.5	144.44	98.32	1.31	20.23	Stainless
ESS 1.9×16×87.5×31.5	1.9	16	87.5	31.5	149.5	98.32	1.26	20.23	Stainless
ESS 1.9×16×90×33.5	1.9	16	90	33.5	154.57	98.32	1.21	20.23	Stainless
ESM 2×16×45×9.5	2	16	45	9.5	61.27	132.65	6.63	24.84	Carbon
ESM 2×16×47.5×10.5	2	16	47.5	10.5	66.01	132.65	5.83	24.84	Carbon
ESM 2×16×50×11.5	2	16	50	11.5	70.74	132.65	5.2	24.84	Carbon
ESM 2×16×52.5×12.5	2	16	52.5	12.5	75.48	132.65	4.69	24.84	Carbon

M: Carbon Steel;
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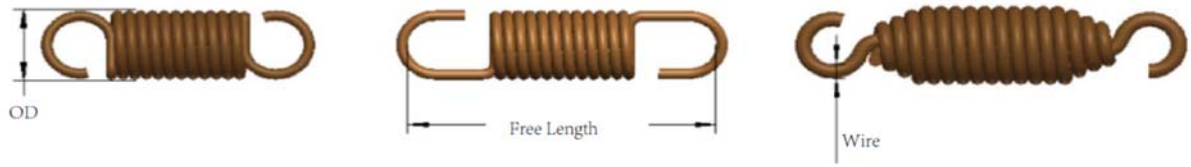
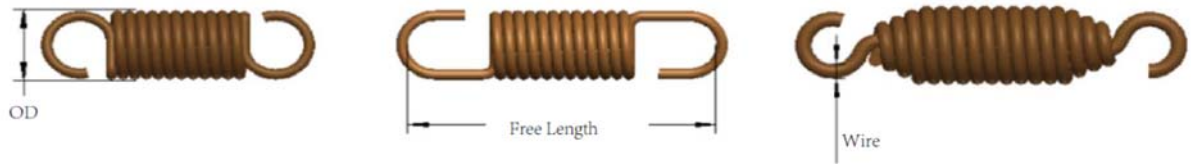
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2×16×55×14.5	2	16	55	14.5	80.21	132.65	4.28	24.84	Carbon
ESM 2×16×57.5×15.5	2	16	57.5	15.5	84.95	132.65	3.93	24.84	Carbon
ESM 2×16×60×16.5	2	16	60	16.5	89.68	132.65	3.63	24.84	Carbon
ESM 2×16×62.5×17.5	2	16	62.5	17.5	94.42	132.65	3.38	24.84	Carbon
ESM 2×16×65×19.5	2	16	65	19.5	99.15	132.65	3.16	24.84	Carbon
ESM 2×16×67.5×20.5	2	16	67.5	20.5	103.89	132.65	2.96	24.84	Carbon
ESM 2×16×70×21.5	2	16	70	21.5	108.62	132.65	2.79	24.84	Carbon
ESM 2×16×72.5×22.5	2	16	72.5	22.5	113.36	132.65	2.64	24.84	Carbon
ESM 2×16×75×24.5	2	16	75	24.5	118.09	132.65	2.5	24.84	Carbon
ESM 2×16×77.5×25.5	2	16	77.5	25.5	122.83	132.65	2.38	24.84	Carbon
ESM 2×16×80×26.5	2	16	80	26.5	127.57	132.65	2.27	24.84	Carbon
ESM 2×16×82.5×27.5	2	16	82.5	27.5	132.3	132.65	2.17	24.84	Carbon
ESM 2×16×85×29.5	2	16	85	29.5	137.04	132.65	2.07	24.84	Carbon
ESM 2×16×87.5×30.5	2	16	87.5	30.5	141.77	132.65	1.99	24.84	Carbon
ESM 2×16×90×31.5	2	16	90	31.5	146.5	132.65	1.91	24.84	Carbon
ESM 2×16×92.5×32.5	2	16	92.5	32.5	151.24	132.65	1.84	24.84	Carbon
ESS 2×16×45×9.5	2	16	45	9.5	61.25	114.56	5.52	24.84	Stainless
ESS 2×16×47.5×10.5	2	16	47.5	10.5	65.98	114.56	4.85	24.84	Stainless
ESS 2×16×50×11.5	2	16	50	11.5	70.72	114.56	4.33	24.84	Stainless
ESS 2×16×52.5×12.5	2	16	52.5	12.5	75.45	114.56	3.91	24.84	Stainless
ESS 2×16×55×14.5	2	16	55	14.5	80.18	114.56	3.56	24.84	Stainless
ESS 2×16×57.5×15.5	2	16	57.5	15.5	84.91	114.56	3.27	24.84	Stainless
ESS 2×16×60×16.5	2	16	60	16.5	89.64	114.56	3.03	24.84	Stainless
ESS 2×16×62.5×17.5	2	16	62.5	17.5	94.38	114.56	2.81	24.84	Stainless
ESS 2×16×65×19.5	2	16	65	19.5	99.11	114.56	2.63	24.84	Stainless
ESS 2×16×67.5×20.5	2	16	67.5	20.5	103.84	114.56	2.47	24.84	Stainless
ESS 2×16×70×21.5	2	16	70	21.5	108.57	114.56	2.33	24.84	Stainless
ESS 2×16×72.5×22.5	2	16	72.5	22.5	113.31	114.56	2.2	24.84	Stainless
ESS 2×16×75×24.5	2	16	75	24.5	118.04	114.56	2.08	24.84	Stainless
ESS 2×16×77.5×25.5	2	16	77.5	25.5	122.77	114.56	1.98	24.84	Stainless
ESS 2×16×80×26.5	2	16	80	26.5	127.5	114.56	1.89	24.84	Stainless
ESS 2×16×82.5×27.5	2	16	82.5	27.5	132.23	114.56	1.8	24.84	Stainless
ESS 2×16×85×29.5	2	16	85	29.5	136.97	114.56	1.73	24.84	Stainless
ESS 2×16×87.5×30.5	2	16	87.5	30.5	141.7	114.56	1.66	24.84	Stainless
ESS 2×16×90×31.5	2	16	90	31.5	146.43	114.56	1.59	24.84	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×16×92.5×32.5	2	16	92.5	32.5	151.16	114.56	1.53	24.84	Stainless
ESM 1.2×17×45×11.5	1.2	17	45	11.5	98.03	26.99	0.46	2.49	Carbon
ESM 1.2×17×47.5×13.5	1.2	17	47.5	13.5	109.92	26.99	0.39	2.49	Carbon
ESM 1.2×17×50×15.5	1.2	17	50	15.5	121.8	26.99	0.34	2.49	Carbon
ESM 1.2×17×52.5×18.5	1.2	17	52.5	18.5	133.7	26.99	0.3	2.49	Carbon
ESM 1.2×17×55×20.5	1.2	17	55	20.5	145.57	26.99	0.27	2.49	Carbon
ESM 1.2×17×57.5×22.5	1.2	17	57.5	22.5	157.45	26.99	0.25	2.49	Carbon
ESM 1.2×17×60×24.5	1.2	17	60	24.5	169.37	26.99	0.22	2.49	Carbon
ESM 1.2×17×62.5×26.5	1.2	17	62.5	26.5	181.25	26.99	0.21	2.49	Carbon
ESM 1.2×17×65×28.5	1.2	17	65	28.5	193.13	26.99	0.19	2.49	Carbon
ESM 1.2×17×67.5×30.5	1.2	17	67.5	30.5	205.05	26.99	0.18	2.49	Carbon
ESM 1.2×17×70×32.5	1.2	17	70	32.5	216.87	26.99	0.17	2.49	Carbon
ESM 1.2×17×72.5×34.5	1.2	17	72.5	34.5	228.84	26.99	0.16	2.49	Carbon
ESM 1.2×17×75×36.5	1.2	17	75	36.5	240.64	26.99	0.15	2.49	Carbon
ESM 1.2×17×77.5×38.5	1.2	17	77.5	38.5	252.61	26.99	0.14	2.49	Carbon
ESM 1.2×17×80×40.5	1.2	17	80	40.5	264.48	26.99	0.13	2.49	Carbon
ESS 1.2×17×45×11.5	1.2	17	45	11.5	99.18	23.35	0.39	2.49	Stainless
ESS 1.2×17×47.5×13.5	1.2	17	47.5	13.5	111.27	23.35	0.33	2.49	Stainless
ESS 1.2×17×50×15.5	1.2	17	50	15.5	123.37	23.35	0.28	2.49	Stainless
ESS 1.2×17×52.5×18.5	1.2	17	52.5	18.5	135.47	23.35	0.25	2.49	Stainless
ESS 1.2×17×55×20.5	1.2	17	55	20.5	147.54	23.35	0.23	2.49	Stainless
ESS 1.2×17×57.5×22.5	1.2	17	57.5	22.5	159.65	23.35	0.2	2.49	Stainless
ESS 1.2×17×60×24.5	1.2	17	60	24.5	171.72	23.35	0.19	2.49	Stainless
ESS 1.2×17×62.5×26.5	1.2	17	62.5	26.5	183.84	23.35	0.17	2.49	Stainless
ESS 1.2×17×65×28.5	1.2	17	65	28.5	195.94	23.35	0.16	2.49	Stainless
ESS 1.2×17×67.5×30.5	1.2	17	67.5	30.5	208.06	23.35	0.15	2.49	Stainless
ESS 1.2×17×70×32.5	1.2	17	70	32.5	220.06	23.35	0.14	2.49	Stainless
ESS 1.2×17×72.5×34.5	1.2	17	72.5	34.5	232.22	23.35	0.13	2.49	Stainless
ESS 1.2×17×75×36.5	1.2	17	75	36.5	244.31	23.35	0.12	2.49	Stainless
ESS 1.2×17×77.5×38.5	1.2	17	77.5	38.5	256.39	23.35	0.12	2.49	Stainless
ESS 1.2×17×80×40.5	1.2	17	80	40.5	268.43	23.35	0.11	2.49	Stainless
ESM 1.3×17×45×11.5	1.3	17	45	11.5	89.55	34.3	0.69	3.57	Carbon
ESM 1.3×17×47.5×12.5	1.3	17	47.5	12.5	99.79	34.3	0.59	3.57	Carbon
ESM 1.3×17×50×14.5	1.3	17	50	14.5	110.04	34.3	0.51	3.57	Carbon
ESM 1.3×17×52.5×16.5	1.3	17	52.5	16.5	120.28	34.3	0.45	3.57	Carbon

M: Carbon Steel;
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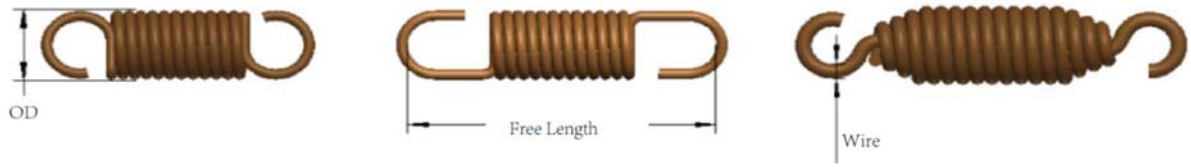
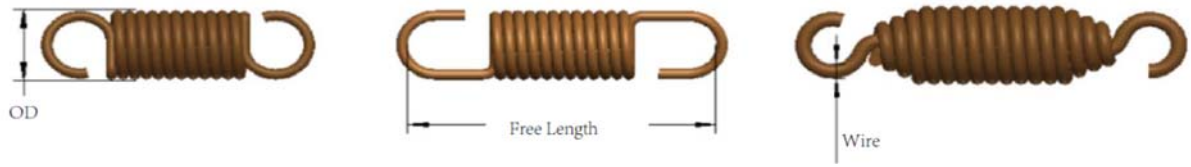
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.3×17×55×18.5	1.3	17	55	18.5	130.53	34.3	0.41	3.57	Carbon
ESM 1.3×17×57.5×20.5	1.3	17	57.5	20.5	140.77	34.3	0.37	3.57	Carbon
ESM 1.3×17×60×22.5	1.3	17	60	22.5	151.01	34.3	0.34	3.57	Carbon
ESM 1.3×17×62.5×24.5	1.3	17	62.5	24.5	161.26	34.3	0.31	3.57	Carbon
ESM 1.3×17×65×26.5	1.3	17	65	26.5	171.49	34.3	0.29	3.57	Carbon
ESM 1.3×17×67.5×28.5	1.3	17	67.5	28.5	181.75	34.3	0.27	3.57	Carbon
ESM 1.3×17×70×30.5	1.3	17	70	30.5	192.01	34.3	0.25	3.57	Carbon
ESM 1.3×17×72.5×32.5	1.3	17	72.5	32.5	202.23	34.3	0.24	3.57	Carbon
ESM 1.3×17×75×34.5	1.3	17	75	34.5	212.51	34.3	0.22	3.57	Carbon
ESM 1.3×17×77.5×36.5	1.3	17	77.5	36.5	222.74	34.3	0.21	3.57	Carbon
ESM 1.3×17×80×37.5	1.3	17	80	37.5	232.98	34.3	0.2	3.57	Carbon
ESM 1.3×17×82.5×39.5	1.3	17	82.5	39.5	243.24	34.3	0.19	3.57	Carbon
ESM 1.3×17×85×41.5	1.3	17	85	41.5	253.49	34.3	0.18	3.57	Carbon
ESM 1.3×17×87.5×43.5	1.3	17	87.5	43.5	263.72	34.3	0.17	3.57	Carbon
ESM 1.3×17×90×45.5	1.3	17	90	45.5	273.92	34.3	0.17	3.57	Carbon
ESM 1.3×17×92.5×47.5	1.3	17	92.5	47.5	284.22	34.3	0.16	3.57	Carbon
ESS 1.3×17×45×11.5	1.3	17	45	11.5	90.36	29.65	0.57	3.57	Stainless
ESS 1.3×17×47.5×12.5	1.3	17	47.5	12.5	100.74	29.65	0.49	3.57	Stainless
ESS 1.3×17×50×14.5	1.3	17	50	14.5	111.13	29.65	0.43	3.57	Stainless
ESS 1.3×17×52.5×16.5	1.3	17	52.5	16.5	121.5	29.65	0.38	3.57	Stainless
ESS 1.3×17×55×18.5	1.3	17	55	18.5	131.9	29.65	0.34	3.57	Stainless
ESS 1.3×17×57.5×20.5	1.3	17	57.5	20.5	142.27	29.65	0.31	3.57	Stainless
ESS 1.3×17×60×22.5	1.3	17	60	22.5	152.67	29.65	0.28	3.57	Stainless
ESS 1.3×17×62.5×24.5	1.3	17	62.5	24.5	163.06	29.65	0.26	3.57	Stainless
ESS 1.3×17×65×26.5	1.3	17	65	26.5	173.43	29.65	0.24	3.57	Stainless
ESS 1.3×17×67.5×28.5	1.3	17	67.5	28.5	183.81	29.65	0.22	3.57	Stainless
ESS 1.3×17×70×30.5	1.3	17	70	30.5	194.23	29.65	0.21	3.57	Stainless
ESS 1.3×17×72.5×32.5	1.3	17	72.5	32.5	204.6	29.65	0.2	3.57	Stainless
ESS 1.3×17×75×34.5	1.3	17	75	34.5	214.97	29.65	0.19	3.57	Stainless
ESS 1.3×17×77.5×36.5	1.3	17	77.5	36.5	225.33	29.65	0.18	3.57	Stainless
ESS 1.3×17×80×37.5	1.3	17	80	37.5	235.77	29.65	0.17	3.57	Stainless
ESS 1.3×17×82.5×39.5	1.3	17	82.5	39.5	246.09	29.65	0.16	3.57	Stainless
ESS 1.3×17×85×41.5	1.3	17	85	41.5	256.55	29.65	0.15	3.57	Stainless
ESS 1.3×17×87.5×43.5	1.3	17	87.5	43.5	266.84	29.65	0.15	3.57	Stainless
ESS 1.3×17×90×45.5	1.3	17	90	45.5	277.33	29.65	0.14	3.57	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×17×92.5×47.5	1.3	17	92.5	47.5	287.68	29.65	0.13	3.57	Stainless
ESM 1.4×17×45×10.5	1.4	17	45	10.5	82.86	42.83	1	4.95	Carbon
ESM 1.4×17×47.5×12.5	1.4	17	47.5	12.5	91.82	42.83	0.85	4.95	Carbon
ESM 1.4×17×50×14.5	1.4	17	50	14.5	100.79	42.83	0.75	4.95	Carbon
ESM 1.4×17×52.5×15.5	1.4	17	52.5	15.5	109.75	42.83	0.66	4.95	Carbon
ESM 1.4×17×55×17.5	1.4	17	55	17.5	118.72	42.83	0.59	4.95	Carbon
ESM 1.4×17×57.5×19.5	1.4	17	57.5	19.5	127.68	42.83	0.54	4.95	Carbon
ESM 1.4×17×60×21.5	1.4	17	60	21.5	136.66	42.83	0.49	4.95	Carbon
ESM 1.4×17×62.5×22.5	1.4	17	62.5	22.5	145.61	42.83	0.46	4.95	Carbon
ESM 1.4×17×65×24.5	1.4	17	65	24.5	154.58	42.83	0.42	4.95	Carbon
ESM 1.4×17×67.5×26.5	1.4	17	67.5	26.5	163.55	42.83	0.39	4.95	Carbon
ESM 1.4×17×70×28.5	1.4	17	70	28.5	172.5	42.83	0.37	4.95	Carbon
ESM 1.4×17×72.5×30.5	1.4	17	72.5	30.5	181.49	42.83	0.35	4.95	Carbon
ESM 1.4×17×75×31.5	1.4	17	75	31.5	190.43	42.83	0.33	4.95	Carbon
ESM 1.4×17×77.5×33.5	1.4	17	77.5	33.5	199.39	42.83	0.31	4.95	Carbon
ESM 1.4×17×80×35.5	1.4	17	80	35.5	208.38	42.83	0.3	4.95	Carbon
ESM 1.4×17×82.5×37.5	1.4	17	82.5	37.5	217.32	42.83	0.28	4.95	Carbon
ESM 1.4×17×85×39.5	1.4	17	85	39.5	226.3	42.83	0.27	4.95	Carbon
ESM 1.4×17×87.5×40.5	1.4	17	87.5	40.5	235.25	42.83	0.26	4.95	Carbon
ESM 1.4×17×90×42.5	1.4	17	90	42.5	244.25	42.83	0.25	4.95	Carbon
ESM 1.4×17×92.5×44.5	1.4	17	92.5	44.5	253.23	42.83	0.24	4.95	Carbon
ESS 1.4×17×45×10.5	1.4	17	45	10.5	83.41	36.98	0.83	4.95	Stainless
ESS 1.4×17×47.5×12.5	1.4	17	47.5	12.5	92.47	36.98	0.71	4.95	Stainless
ESS 1.4×17×50×14.5	1.4	17	50	14.5	101.53	36.98	0.62	4.95	Stainless
ESS 1.4×17×52.5×15.5	1.4	17	52.5	15.5	110.59	36.98	0.55	4.95	Stainless
ESS 1.4×17×55×17.5	1.4	17	55	17.5	119.66	36.98	0.5	4.95	Stainless
ESS 1.4×17×57.5×19.5	1.4	17	57.5	19.5	128.71	36.98	0.45	4.95	Stainless
ESS 1.4×17×60×21.5	1.4	17	60	21.5	137.76	36.98	0.41	4.95	Stainless
ESS 1.4×17×62.5×22.5	1.4	17	62.5	22.5	146.83	36.98	0.38	4.95	Stainless
ESS 1.4×17×65×24.5	1.4	17	65	24.5	155.89	36.98	0.35	4.95	Stainless
ESS 1.4×17×67.5×26.5	1.4	17	67.5	26.5	164.94	36.98	0.33	4.95	Stainless
ESS 1.4×17×70×28.5	1.4	17	70	28.5	173.99	36.98	0.31	4.95	Stainless
ESS 1.4×17×72.5×30.5	1.4	17	72.5	30.5	183.06	36.98	0.29	4.95	Stainless
ESS 1.4×17×75×31.5	1.4	17	75	31.5	192.11	36.98	0.27	4.95	Stainless
ESS 1.4×17×77.5×33.5	1.4	17	77.5	33.5	201.17	36.98	0.26	4.95	Stainless

M: Carbon Steel;
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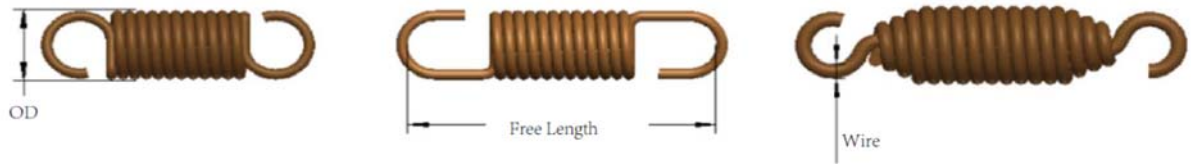
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×17×80×35.5	1.4	17	80	35.5	210.26	36.98	0.25	4.95	Stainless
ESS 1.4×17×82.5×37.5	1.4	17	82.5	37.5	219.32	36.98	0.23	4.95	Stainless
ESS 1.4×17×85×39.5	1.4	17	85	39.5	228.38	36.98	0.22	4.95	Stainless
ESS 1.4×17×87.5×40.5	1.4	17	87.5	40.5	237.45	36.98	0.21	4.95	Stainless
ESS 1.4×17×90×42.5	1.4	17	90	42.5	246.47	36.98	0.2	4.95	Stainless
ESS 1.4×17×92.5×44.5	1.4	17	92.5	44.5	255.5	36.98	0.2	4.95	Stainless
ESM 1.5×17×45×9.5	1.5	17	45	9.5	77.38	52.49	1.42	6.67	Carbon
ESM 1.5×17×47.5×11.5	1.5	17	47.5	11.5	85.31	52.49	1.21	6.67	Carbon
ESM 1.5×17×50×13.5	1.5	17	50	13.5	93.24	52.49	1.06	6.67	Carbon
ESM 1.5×17×52.5×14.5	1.5	17	52.5	14.5	101.17	52.49	0.94	6.67	Carbon
ESM 1.5×17×55×16.5	1.5	17	55	16.5	109.11	52.49	0.85	6.67	Carbon
ESM 1.5×17×57.5×18.5	1.5	17	57.5	18.5	117.04	52.49	0.77	6.67	Carbon
ESM 1.5×17×60×19.5	1.5	17	60	19.5	124.98	52.49	0.71	6.67	Carbon
ESM 1.5×17×62.5×21.5	1.5	17	62.5	21.5	132.91	52.49	0.65	6.67	Carbon
ESM 1.5×17×65×23.5	1.5	17	65	23.5	140.84	52.49	0.6	6.67	Carbon
ESM 1.5×17×67.5×24.5	1.5	17	67.5	24.5	148.77	52.49	0.56	6.67	Carbon
ESM 1.5×17×70×26.5	1.5	17	70	26.5	156.7	52.49	0.53	6.67	Carbon
ESM 1.5×17×72.5×28.5	1.5	17	72.5	28.5	164.64	52.49	0.5	6.67	Carbon
ESM 1.5×17×75×29.5	1.5	17	75	29.5	172.58	52.49	0.47	6.67	Carbon
ESM 1.5×17×77.5×31.5	1.5	17	77.5	31.5	180.49	52.49	0.44	6.67	Carbon
ESM 1.5×17×80×33.5	1.5	17	80	33.5	188.43	52.49	0.42	6.67	Carbon
ESM 1.5×17×82.5×34.5	1.5	17	82.5	34.5	196.37	52.49	0.4	6.67	Carbon
ESM 1.5×17×85×36.5	1.5	17	85	36.5	204.3	52.49	0.38	6.67	Carbon
ESM 1.5×17×87.5×38.5	1.5	17	87.5	38.5	212.22	52.49	0.37	6.67	Carbon
ESM 1.5×17×90×39.5	1.5	17	90	39.5	220.18	52.49	0.35	6.67	Carbon
ESM 1.5×17×92.5×41.5	1.5	17	92.5	41.5	228.11	52.49	0.34	6.67	Carbon
ESS 1.5×17×45×9.5	1.5	17	45	9.5	77.86	45.42	1.18	6.67	Stainless
ESS 1.5×17×47.5×11.5	1.5	17	47.5	11.5	85.87	45.42	1.01	6.67	Stainless
ESS 1.5×17×50×13.5	1.5	17	50	13.5	93.89	45.42	0.88	6.67	Stainless
ESS 1.5×17×52.5×14.5	1.5	17	52.5	14.5	101.9	45.42	0.78	6.67	Stainless
ESS 1.5×17×55×16.5	1.5	17	55	16.5	109.91	45.42	0.71	6.67	Stainless
ESS 1.5×17×57.5×18.5	1.5	17	57.5	18.5	117.93	45.42	0.64	6.67	Stainless
ESS 1.5×17×60×19.5	1.5	17	60	19.5	125.94	45.42	0.59	6.67	Stainless
ESS 1.5×17×62.5×21.5	1.5	17	62.5	21.5	133.96	45.42	0.54	6.67	Stainless
ESS 1.5×17×65×23.5	1.5	17	65	23.5	141.97	45.42	0.5	6.67	Stainless

M: Carbon Steel;
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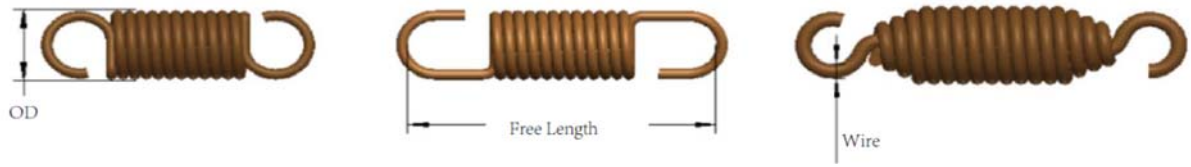
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×17×67.5×24.5	1.5	17	67.5	24.5	149.99	45.42	0.47	6.67	Stainless
ESS 1.5×17×70×26.5	1.5	17	70	26.5	157.99	45.42	0.44	6.67	Stainless
ESS 1.5×17×72.5×28.5	1.5	17	72.5	28.5	166.01	45.42	0.41	6.67	Stainless
ESS 1.5×17×75×29.5	1.5	17	75	29.5	174.01	45.42	0.39	6.67	Stainless
ESS 1.5×17×77.5×31.5	1.5	17	77.5	31.5	182.04	45.42	0.37	6.67	Stainless
ESS 1.5×17×80×33.5	1.5	17	80	33.5	190.06	45.42	0.35	6.67	Stainless
ESS 1.5×17×82.5×34.5	1.5	17	82.5	34.5	198.08	45.42	0.34	6.67	Stainless
ESS 1.5×17×85×36.5	1.5	17	85	36.5	206.06	45.42	0.32	6.67	Stainless
ESS 1.5×17×87.5×38.5	1.5	17	87.5	38.5	214.1	45.42	0.31	6.67	Stainless
ESS 1.5×17×90×39.5	1.5	17	90	39.5	222.08	45.42	0.29	6.67	Stainless
ESS 1.5×17×92.5×41.5	1.5	17	92.5	41.5	230.12	45.42	0.28	6.67	Stainless
ESM 1.6×17×45×9.5	1.6	17	45	9.5	73.04	63.69	1.96	8.78	Carbon
ESM 1.6×17×47.5×11.5	1.6	17	47.5	11.5	80.16	63.69	1.68	8.78	Carbon
ESM 1.6×17×50×12.5	1.6	17	50	12.5	87.29	63.69	1.47	8.78	Carbon
ESM 1.6×17×52.5×14.5	1.6	17	52.5	14.5	94.41	63.69	1.31	8.78	Carbon
ESM 1.6×17×55×15.5	1.6	17	55	15.5	101.54	63.69	1.18	8.78	Carbon
ESM 1.6×17×57.5×17.5	1.6	17	57.5	17.5	108.66	63.69	1.07	8.78	Carbon
ESM 1.6×17×60×18.5	1.6	17	60	18.5	115.78	63.69	0.98	8.78	Carbon
ESM 1.6×17×62.5×20.5	1.6	17	62.5	20.5	122.91	63.69	0.91	8.78	Carbon
ESM 1.6×17×65×21.5	1.6	17	65	21.5	130.03	63.69	0.84	8.78	Carbon
ESM 1.6×17×67.5×23.5	1.6	17	67.5	23.5	137.16	63.69	0.79	8.78	Carbon
ESM 1.6×17×70×25.5	1.6	17	70	25.5	144.28	63.69	0.74	8.78	Carbon
ESM 1.6×17×72.5×26.5	1.6	17	72.5	26.5	151.41	63.69	0.7	8.78	Carbon
ESM 1.6×17×75×28.5	1.6	17	75	28.5	158.53	63.69	0.66	8.78	Carbon
ESM 1.6×17×77.5×29.5	1.6	17	77.5	29.5	165.65	63.69	0.62	8.78	Carbon
ESM 1.6×17×80×31.5	1.6	17	80	31.5	172.77	63.69	0.59	8.78	Carbon
ESM 1.6×17×82.5×32.5	1.6	17	82.5	32.5	179.9	63.69	0.56	8.78	Carbon
ESM 1.6×17×85×34.5	1.6	17	85	34.5	187.03	63.69	0.54	8.78	Carbon
ESM 1.6×17×87.5×36.5	1.6	17	87.5	36.5	194.14	63.69	0.51	8.78	Carbon
ESM 1.6×17×90×37.5	1.6	17	90	37.5	201.27	63.69	0.49	8.78	Carbon
ESM 1.6×17×92.5×39.5	1.6	17	92.5	39.5	208.4	63.69	0.47	8.78	Carbon
ESS 1.6×17×45×9.5	1.6	17	45	9.5	73.36	55.05	1.63	8.78	Stainless
ESS 1.6×17×47.5×11.5	1.6	17	47.5	11.5	80.53	55.05	1.4	8.78	Stainless
ESS 1.6×17×50×12.5	1.6	17	50	12.5	87.71	55.05	1.23	8.78	Stainless
ESS 1.6×17×52.5×14.5	1.6	17	52.5	14.5	94.89	55.05	1.09	8.78	Stainless

M: Carbon Steel;
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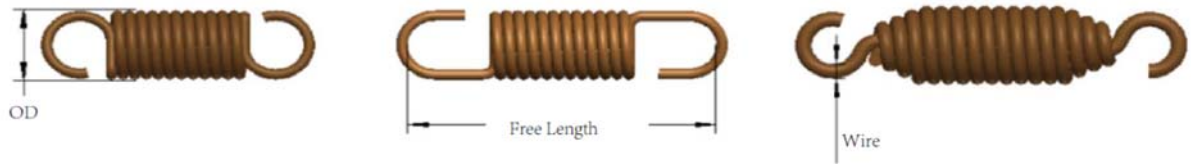
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.6×17×55×15.5	1.6	17	55	15.5	102.06	55.05	0.98	8.78	Stainless
ESS 1.6×17×57.5×17.5	1.6	17	57.5	17.5	109.24	55.05	0.89	8.78	Stainless
ESS 1.6×17×60×18.5	1.6	17	60	18.5	116.41	55.05	0.82	8.78	Stainless
ESS 1.6×17×62.5×20.5	1.6	17	62.5	20.5	123.59	55.05	0.76	8.78	Stainless
ESS 1.6×17×65×21.5	1.6	17	65	21.5	130.77	55.05	0.7	8.78	Stainless
ESS 1.6×17×67.5×23.5	1.6	17	67.5	23.5	137.95	55.05	0.66	8.78	Stainless
ESS 1.6×17×70×25.5	1.6	17	70	25.5	145.12	55.05	0.62	8.78	Stainless
ESS 1.6×17×72.5×26.5	1.6	17	72.5	26.5	152.3	55.05	0.58	8.78	Stainless
ESS 1.6×17×75×28.5	1.6	17	75	28.5	159.48	55.05	0.55	8.78	Stainless
ESS 1.6×17×77.5×29.5	1.6	17	77.5	29.5	166.65	55.05	0.52	8.78	Stainless
ESS 1.6×17×80×31.5	1.6	17	80	31.5	173.83	55.05	0.49	8.78	Stainless
ESS 1.6×17×82.5×32.5	1.6	17	82.5	32.5	181	55.05	0.47	8.78	Stainless
ESS 1.6×17×85×34.5	1.6	17	85	34.5	188.18	55.05	0.45	8.78	Stainless
ESS 1.6×17×87.5×36.5	1.6	17	87.5	36.5	195.34	55.05	0.43	8.78	Stainless
ESS 1.6×17×90×37.5	1.6	17	90	37.5	202.54	55.05	0.41	8.78	Stainless
ESS 1.6×17×92.5×39.5	1.6	17	92.5	39.5	209.71	55.05	0.39	8.78	Stainless
ESM 1.7×17×45×9.5	1.7	17	45	9.5	69.47	76.37	2.66	11.31	Carbon
ESM 1.7×17×47.5×10.5	1.7	17	47.5	10.5	75.94	76.37	2.29	11.31	Carbon
ESM 1.7×17×50×12.5	1.7	17	50	12.5	82.41	76.37	2.01	11.31	Carbon
ESM 1.7×17×52.5×13.5	1.7	17	52.5	13.5	88.87	76.37	1.79	11.31	Carbon
ESM 1.7×17×55×14.5	1.7	17	55	14.5	95.34	76.37	1.61	11.31	Carbon
ESM 1.7×17×57.5×16.5	1.7	17	57.5	16.5	101.81	76.37	1.47	11.31	Carbon
ESM 1.7×17×60×17.5	1.7	17	60	17.5	108.27	76.37	1.35	11.31	Carbon
ESM 1.7×17×62.5×19.5	1.7	17	62.5	19.5	114.74	76.37	1.25	11.31	Carbon
ESM 1.7×17×65×20.5	1.7	17	65	20.5	121.21	76.37	1.16	11.31	Carbon
ESM 1.7×17×67.5×22.5	1.7	17	67.5	22.5	127.68	76.37	1.08	11.31	Carbon
ESM 1.7×17×70×23.5	1.7	17	70	23.5	134.14	76.37	1.01	11.31	Carbon
ESM 1.7×17×72.5×25.5	1.7	17	72.5	25.5	140.61	76.37	0.96	11.31	Carbon
ESM 1.7×17×75×26.5	1.7	17	75	26.5	147.08	76.37	0.9	11.31	Carbon
ESM 1.7×17×77.5×28.5	1.7	17	77.5	28.5	153.54	76.37	0.86	11.31	Carbon
ESM 1.7×17×80×29.5	1.7	17	80	29.5	160.02	76.37	0.81	11.31	Carbon
ESM 1.7×17×82.5×31.5	1.7	17	82.5	31.5	166.48	76.37	0.77	11.31	Carbon
ESM 1.7×17×85×32.5	1.7	17	85	32.5	172.95	76.37	0.74	11.31	Carbon
ESM 1.7×17×87.5×34.5	1.7	17	87.5	34.5	179.41	76.37	0.71	11.31	Carbon
ESM 1.7×17×90×35.5	1.7	17	90	35.5	185.88	76.37	0.68	11.31	Carbon

M: Carbon Steel;
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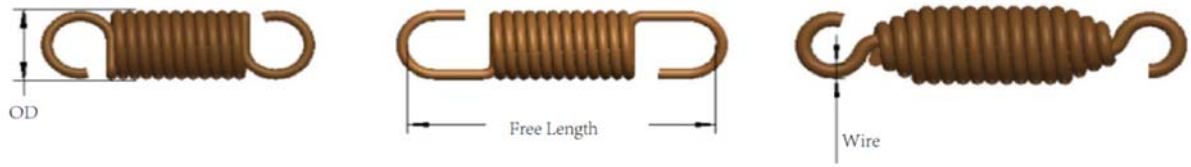
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×17×92.5×37.5	1.7	17	92.5	37.5	192.35	76.37	0.65	11.31	Carbon
ESS 1.7×17×45×9.5	1.7	17	45	9.5	69.66	65.94	2.22	11.31	Stainless
ESS 1.7×17×47.5×10.5	1.7	17	47.5	10.5	76.16	65.94	1.91	11.31	Stainless
ESS 1.7×17×50×12.5	1.7	17	50	12.5	82.66	65.94	1.67	11.31	Stainless
ESS 1.7×17×52.5×13.5	1.7	17	52.5	13.5	89.15	65.94	1.49	11.31	Stainless
ESS 1.7×17×55×14.5	1.7	17	55	14.5	95.65	65.94	1.34	11.31	Stainless
ESS 1.7×17×57.5×16.5	1.7	17	57.5	16.5	102.15	65.94	1.22	11.31	Stainless
ESS 1.7×17×60×17.5	1.7	17	60	17.5	108.65	65.94	1.12	11.31	Stainless
ESS 1.7×17×62.5×19.5	1.7	17	62.5	19.5	115.14	65.94	1.04	11.31	Stainless
ESS 1.7×17×65×20.5	1.7	17	65	20.5	121.64	65.94	0.96	11.31	Stainless
ESS 1.7×17×67.5×22.5	1.7	17	67.5	22.5	128.14	65.94	0.9	11.31	Stainless
ESS 1.7×17×70×23.5	1.7	17	70	23.5	134.63	65.94	0.85	11.31	Stainless
ESS 1.7×17×72.5×25.5	1.7	17	72.5	25.5	141.14	65.94	0.8	11.31	Stainless
ESS 1.7×17×75×26.5	1.7	17	75	26.5	147.64	65.94	0.75	11.31	Stainless
ESS 1.7×17×77.5×28.5	1.7	17	77.5	28.5	154.13	65.94	0.71	11.31	Stainless
ESS 1.7×17×80×29.5	1.7	17	80	29.5	160.63	65.94	0.68	11.31	Stainless
ESS 1.7×17×82.5×31.5	1.7	17	82.5	31.5	167.13	65.94	0.65	11.31	Stainless
ESS 1.7×17×85×32.5	1.7	17	85	32.5	173.63	65.94	0.62	11.31	Stainless
ESS 1.7×17×87.5×34.5	1.7	17	87.5	34.5	180.12	65.94	0.59	11.31	Stainless
ESS 1.7×17×90×35.5	1.7	17	90	35.5	186.62	65.94	0.57	11.31	Stainless
ESS 1.7×17×92.5×37.5	1.7	17	92.5	37.5	193.12	65.94	0.54	11.31	Stainless
ESM 1.8×17×47.5×10.5	1.8	17	47.5	10.5	72.43	90.63	3.06	14.33	Carbon
ESM 1.8×17×50×11.5	1.8	17	50	11.5	78.36	90.63	2.69	14.33	Carbon
ESM 1.8×17×52.5×12.5	1.8	17	52.5	12.5	84.29	90.63	2.4	14.33	Carbon
ESM 1.8×17×55×14.5	1.8	17	55	14.5	90.22	90.63	2.17	14.33	Carbon
ESM 1.8×17×57.5×15.5	1.8	17	57.5	15.5	96.14	90.63	1.97	14.33	Carbon
ESM 1.8×17×60×17.5	1.8	17	60	17.5	102.07	90.63	1.81	14.33	Carbon
ESM 1.8×17×62.5×18.5	1.8	17	62.5	18.5	108	90.63	1.68	14.33	Carbon
ESM 1.8×17×65×19.5	1.8	17	65	19.5	113.93	90.63	1.56	14.33	Carbon
ESM 1.8×17×67.5×21.5	1.8	17	67.5	21.5	119.85	90.63	1.46	14.33	Carbon
ESM 1.8×17×70×22.5	1.8	17	70	22.5	125.78	90.63	1.37	14.33	Carbon
ESM 1.8×17×72.5×23.5	1.8	17	72.5	23.5	131.71	90.63	1.29	14.33	Carbon
ESM 1.8×17×75×25.5	1.8	17	75	25.5	137.64	90.63	1.22	14.33	Carbon
ESM 1.8×17×77.5×26.5	1.8	17	77.5	26.5	143.57	90.63	1.15	14.33	Carbon
ESM 1.8×17×80×28.5	1.8	17	80	28.5	149.5	90.63	1.1	14.33	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

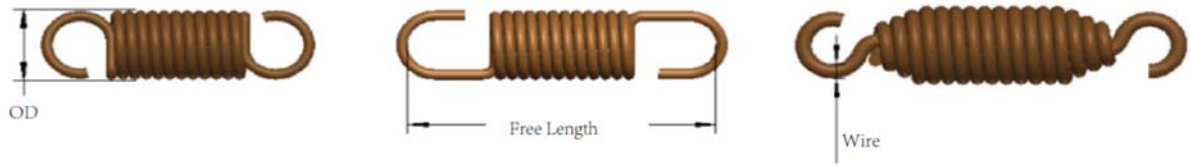






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×17×82.5×29.5	1.8	17	82.5	29.5	155.43	90.63	1.05	14.33	Carbon
ESM 1.8×17×85×30.5	1.8	17	85	30.5	161.35	90.63	1	14.33	Carbon
ESM 1.8×17×87.5×32.5	1.8	17	87.5	32.5	167.28	90.63	0.96	14.33	Carbon
ESM 1.8×17×90×33.5	1.8	17	90	33.5	173.21	90.63	0.92	14.33	Carbon
ESM 1.8×17×92.5×35.5	1.8	17	92.5	35.5	179.14	90.63	0.88	14.33	Carbon
ESM 1.8×17×95×36.5	1.8	17	95	36.5	185.07	90.63	0.85	14.33	Carbon
ESS 1.8×17×47.5×10.5	1.8	17	47.5	10.5	72.53	78.17	2.55	14.33	Stainless
ESS 1.8×17×50×11.5	1.8	17	50	11.5	78.47	78.17	2.24	14.33	Stainless
ESS 1.8×17×52.5×12.5	1.8	17	52.5	12.5	84.42	78.17	2	14.33	Stainless
ESS 1.8×17×55×14.5	1.8	17	55	14.5	90.36	78.17	1.81	14.33	Stainless
ESS 1.8×17×57.5×15.5	1.8	17	57.5	15.5	96.3	78.17	1.65	14.33	Stainless
ESS 1.8×17×60×17.5	1.8	17	60	17.5	102.24	78.17	1.51	14.33	Stainless
ESS 1.8×17×62.5×18.5	1.8	17	62.5	18.5	108.18	78.17	1.4	14.33	Stainless
ESS 1.8×17×65×19.5	1.8	17	65	19.5	114.13	78.17	1.3	14.33	Stainless
ESS 1.8×17×67.5×21.5	1.8	17	67.5	21.5	120.07	78.17	1.21	14.33	Stainless
ESS 1.8×17×70×22.5	1.8	17	70	22.5	126.01	78.17	1.14	14.33	Stainless
ESS 1.8×17×72.5×23.5	1.8	17	72.5	23.5	131.95	78.17	1.07	14.33	Stainless
ESS 1.8×17×75×25.5	1.8	17	75	25.5	137.9	78.17	1.02	14.33	Stainless
ESS 1.8×17×77.5×26.5	1.8	17	77.5	26.5	143.84	78.17	0.96	14.33	Stainless
ESS 1.8×17×80×28.5	1.8	17	80	28.5	149.78	78.17	0.91	14.33	Stainless
ESS 1.8×17×82.5×29.5	1.8	17	82.5	29.5	155.72	78.17	0.87	14.33	Stainless
ESS 1.8×17×85×30.5	1.8	17	85	30.5	161.67	78.17	0.83	14.33	Stainless
ESS 1.8×17×87.5×32.5	1.8	17	87.5	32.5	167.61	78.17	0.8	14.33	Stainless
ESS 1.8×17×90×33.5	1.8	17	90	33.5	173.55	78.17	0.76	14.33	Stainless
ESS 1.8×17×92.5×35.5	1.8	17	92.5	35.5	179.49	78.17	0.73	14.33	Stainless
ESS 1.8×17×95×36.5	1.8	17	95	36.5	185.44	78.17	0.71	14.33	Stainless
ESM 1.9×17×47.5×9.5	1.9	17	47.5	9.5	69.4	106.18	4.03	17.87	Carbon
ESM 1.9×17×50×11.5	1.9	17	50	11.5	74.87	106.18	3.55	17.87	Carbon
ESM 1.9×17×52.5×12.5	1.9	17	52.5	12.5	80.33	106.18	3.17	17.87	Carbon
ESM 1.9×17×55×13.5	1.9	17	55	13.5	85.8	106.18	2.87	17.87	Carbon
ESM 1.9×17×57.5×14.5	1.9	17	57.5	14.5	91.27	106.18	2.61	17.87	Carbon
ESM 1.9×17×60×16.5	1.9	17	60	16.5	96.74	106.18	2.4	17.87	Carbon
ESM 1.9×17×62.5×17.5	1.9	17	62.5	17.5	102.21	106.18	2.22	17.87	Carbon
ESM 1.9×17×65×18.5	1.9	17	65	18.5	107.68	106.18	2.07	17.87	Carbon
ESM 1.9×17×67.5×20.5	1.9	17	67.5	20.5	113.15	106.18	1.93	17.87	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.9×17×70×21.5	1.9	17	70	21.5	118.62	106.18	1.82	17.87	Carbon
ESM 1.9×17×72.5×22.5	1.9	17	72.5	22.5	124.09	106.18	1.71	17.87	Carbon
ESM 1.9×17×75×24.5	1.9	17	75	24.5	129.55	106.18	1.62	17.87	Carbon
ESM 1.9×17×77.5×25.5	1.9	17	77.5	25.5	135.02	106.18	1.54	17.87	Carbon
ESM 1.9×17×80×26.5	1.9	17	80	26.5	140.49	106.18	1.46	17.87	Carbon
ESM 1.9×17×82.5×28.5	1.9	17	82.5	28.5	145.96	106.18	1.39	17.87	Carbon
ESM 1.9×17×85×29.5	1.9	17	85	29.5	151.43	106.18	1.33	17.87	Carbon
ESM 1.9×17×87.5×30.5	1.9	17	87.5	30.5	156.9	106.18	1.27	17.87	Carbon
ESM 1.9×17×90×32.5	1.9	17	90	32.5	162.37	106.18	1.22	17.87	Carbon
ESM 1.9×17×92.5×33.5	1.9	17	92.5	33.5	167.84	106.18	1.17	17.87	Carbon
ESM 1.9×17×95×34.5	1.9	17	95	34.5	173.3	106.18	1.13	17.87	Carbon
ESS 1.9×17×47.5×9.5	1.9	17	47.5	9.5	69.5	91.81	3.36	17.87	Stainless
ESS 1.9×17×50×11.5	1.9	17	50	11.5	74.98	91.81	2.96	17.87	Stainless
ESS 1.9×17×52.5×12.5	1.9	17	52.5	12.5	80.46	91.81	2.64	17.87	Stainless
ESS 1.9×17×55×13.5	1.9	17	55	13.5	85.95	91.81	2.39	17.87	Stainless
ESS 1.9×17×57.5×14.5	1.9	17	57.5	14.5	91.43	91.81	2.18	17.87	Stainless
ESS 1.9×17×60×16.5	1.9	17	60	16.5	96.91	91.81	2	17.87	Stainless
ESS 1.9×17×62.5×17.5	1.9	17	62.5	17.5	102.39	91.81	1.85	17.87	Stainless
ESS 1.9×17×65×18.5	1.9	17	65	18.5	107.88	91.81	1.72	17.87	Stainless
ESS 1.9×17×67.5×20.5	1.9	17	67.5	20.5	113.36	91.81	1.61	17.87	Stainless
ESS 1.9×17×70×21.5	1.9	17	70	21.5	118.84	91.81	1.51	17.87	Stainless
ESS 1.9×17×72.5×22.5	1.9	17	72.5	22.5	124.32	91.81	1.43	17.87	Stainless
ESS 1.9×17×75×24.5	1.9	17	75	24.5	129.81	91.81	1.35	17.87	Stainless
ESS 1.9×17×77.5×25.5	1.9	17	77.5	25.5	135.29	91.81	1.28	17.87	Stainless
ESS 1.9×17×80×26.5	1.9	17	80	26.5	140.77	91.81	1.22	17.87	Stainless
ESS 1.9×17×82.5×28.5	1.9	17	82.5	28.5	146.25	91.81	1.16	17.87	Stainless
ESS 1.9×17×85×29.5	1.9	17	85	29.5	151.74	91.81	1.11	17.87	Stainless
ESS 1.9×17×87.5×30.5	1.9	17	87.5	30.5	157.22	91.81	1.06	17.87	Stainless
ESS 1.9×17×90×32.5	1.9	17	90	32.5	162.7	91.81	1.02	17.87	Stainless
ESS 1.9×17×92.5×33.5	1.9	17	92.5	33.5	168.18	91.81	0.98	17.87	Stainless
ESS 1.9×17×95×34.5	1.9	17	95	34.5	173.67	91.81	0.94	17.87	Stainless
ESM 2×17×47.5×9.5	2	17	47.5	9.5	66.92	123.81	5.24	21.99	Carbon
ESM 2×17×50×10.5	2	17	50	10.5	72.02	123.81	4.62	21.99	Carbon
ESM 2×17×52.5×11.5	2	17	52.5	11.5	77.11	123.81	4.14	21.99	Carbon
ESM 2×17×55×13.5	2	17	55	13.5	82.21	123.81	3.74	21.99	Carbon

M: Carbon Steel;
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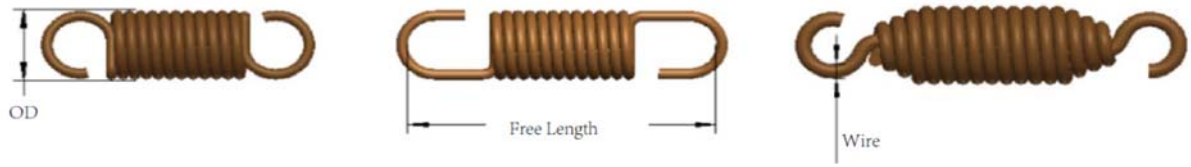
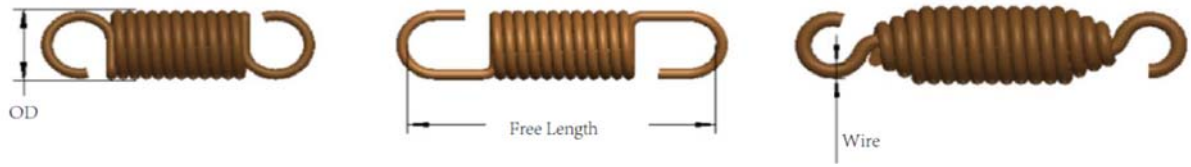
OD:Outer Diameter
Max Length - Max Load



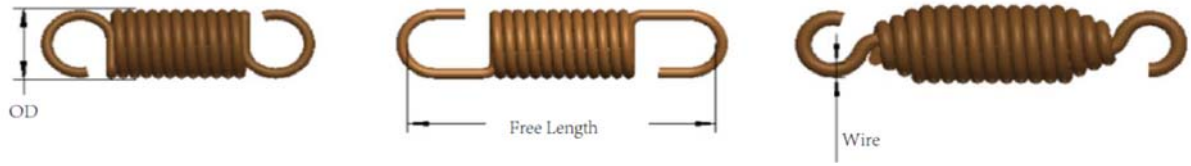
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2×17×57.5×14.5	2	17	57.5	14.5	87.3	123.81	3.42	21.99	Carbon
ESM 2×17×60×15.5	2	17	60	15.5	92.4	123.81	3.14	21.99	Carbon
ESM 2×17×62.5×16.5	2	17	62.5	16.5	97.5	123.81	2.91	21.99	Carbon
ESM 2×17×65×18.5	2	17	65	18.5	102.59	123.81	2.71	21.99	Carbon
ESM 2×17×67.5×19.5	2	17	67.5	19.5	107.69	123.81	2.53	21.99	Carbon
ESM 2×17×70×20.5	2	17	70	20.5	112.78	123.81	2.38	21.99	Carbon
ESM 2×17×72.5×21.5	2	17	72.5	21.5	117.88	123.81	2.24	21.99	Carbon
ESM 2×17×75×23.5	2	17	75	23.5	122.98	123.81	2.12	21.99	Carbon
ESM 2×17×77.5×24.5	2	17	77.5	24.5	128.07	123.81	2.01	21.99	Carbon
ESM 2×17×80×25.5	2	17	80	25.5	133.17	123.81	1.91	21.99	Carbon
ESM 2×17×82.5×26.5	2	17	82.5	26.5	138.26	123.81	1.83	21.99	Carbon
ESM 2×17×85×28.5	2	17	85	28.5	143.36	123.81	1.74	21.99	Carbon
ESM 2×17×87.5×29.5	2	17	87.5	29.5	148.46	123.81	1.67	21.99	Carbon
ESM 2×17×90×30.5	2	17	90	30.5	153.55	123.81	1.6	21.99	Carbon
ESM 2×17×92.5×31.5	2	17	92.5	31.5	158.65	123.81	1.54	21.99	Carbon
ESM 2×17×95×33.5	2	17	95	33.5	163.75	123.81	1.48	21.99	Carbon
ESS 2×17×47.5×9.5	2	17	47.5	9.5	66.94	106.93	4.37	21.99	Stainless
ESS 2×17×50×10.5	2	17	50	10.5	72.04	106.93	3.85	21.99	Stainless
ESS 2×17×52.5×11.5	2	17	52.5	11.5	77.14	106.93	3.45	21.99	Stainless
ESS 2×17×55×13.5	2	17	55	13.5	82.24	106.93	3.12	21.99	Stainless
ESS 2×17×57.5×14.5	2	17	57.5	14.5	87.33	106.93	2.85	21.99	Stainless
ESS 2×17×60×15.5	2	17	60	15.5	92.43	106.93	2.62	21.99	Stainless
ESS 2×17×62.5×16.5	2	17	62.5	16.5	97.53	106.93	2.42	21.99	Stainless
ESS 2×17×65×18.5	2	17	65	18.5	102.63	106.93	2.26	21.99	Stainless
ESS 2×17×67.5×19.5	2	17	67.5	19.5	107.73	106.93	2.11	21.99	Stainless
ESS 2×17×70×20.5	2	17	70	20.5	112.83	106.93	1.98	21.99	Stainless
ESS 2×17×72.5×21.5	2	17	72.5	21.5	117.93	106.93	1.87	21.99	Stainless
ESS 2×17×75×23.5	2	17	75	23.5	123.02	106.93	1.77	21.99	Stainless
ESS 2×17×77.5×24.5	2	17	77.5	24.5	128.12	106.93	1.68	21.99	Stainless
ESS 2×17×80×25.5	2	17	80	25.5	133.22	106.93	1.6	21.99	Stainless
ESS 2×17×82.5×26.5	2	17	82.5	26.5	138.32	106.93	1.52	21.99	Stainless
ESS 2×17×85×28.5	2	17	85	28.5	143.42	106.93	1.45	21.99	Stainless
ESS 2×17×87.5×29.5	2	17	87.5	29.5	148.52	106.93	1.39	21.99	Stainless
ESS 2×17×90×30.5	2	17	90	30.5	153.62	106.93	1.34	21.99	Stainless
ESS 2×17×92.5×31.5	2	17	92.5	31.5	158.72	106.93	1.28	21.99	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



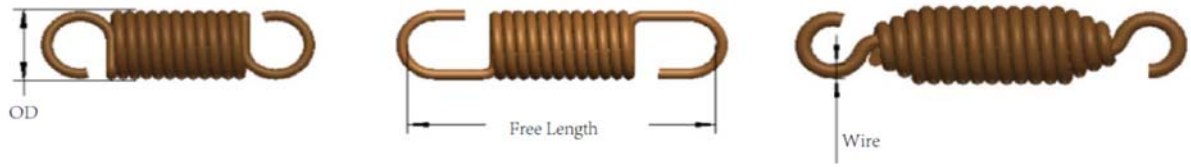
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×17×95×33.5	2	17	95	33.5	163.81	106.93	1.23	21.99	Stainless
ESM 2.1×17×47.5×9.5	2.1	17	47.5	9.5	64.81	143.28	6.73	26.75	Carbon
ESM 2.1×17×50×10.5	2.1	17	50	10.5	69.59	143.28	5.95	26.75	Carbon
ESM 2.1×17×52.5×11.5	2.1	17	52.5	11.5	74.37	143.28	5.33	26.75	Carbon
ESM 2.1×17×55×12.5	2.1	17	55	12.5	79.15	143.28	4.82	26.75	Carbon
ESM 2.1×17×57.5×13.5	2.1	17	57.5	13.5	83.93	143.28	4.41	26.75	Carbon
ESM 2.1×17×60×14.5	2.1	17	60	14.5	88.72	143.28	4.06	26.75	Carbon
ESM 2.1×17×62.5×16.5	2.1	17	62.5	16.5	93.5	143.28	3.76	26.75	Carbon
ESM 2.1×17×65×17.5	2.1	17	65	17.5	98.28	143.28	3.5	26.75	Carbon
ESM 2.1×17×67.5×18.5	2.1	17	67.5	18.5	103.06	143.28	3.28	26.75	Carbon
ESM 2.1×17×70×19.5	2.1	17	70	19.5	107.84	143.28	3.08	26.75	Carbon
ESM 2.1×17×72.5×20.5	2.1	17	72.5	20.5	112.63	143.28	2.9	26.75	Carbon
ESM 2.1×17×75×22.5	2.1	17	75	22.5	117.41	143.28	2.75	26.75	Carbon
ESM 2.1×17×77.5×23.5	2.1	17	77.5	23.5	122.19	143.28	2.61	26.75	Carbon
ESM 2.1×17×80×24.5	2.1	17	80	24.5	126.97	143.28	2.48	26.75	Carbon
ESM 2.1×17×82.5×25.5	2.1	17	82.5	25.5	131.75	143.28	2.37	26.75	Carbon
ESM 2.1×17×85×26.5	2.1	17	85	26.5	136.54	143.28	2.26	26.75	Carbon
ESM 2.1×17×87.5×28.5	2.1	17	87.5	28.5	141.32	143.28	2.17	26.75	Carbon
ESM 2.1×17×90×29.5	2.1	17	90	29.5	146.1	143.28	2.08	26.75	Carbon
ESM 2.1×17×92.5×30.5	2.1	17	92.5	30.5	150.88	143.28	2	26.75	Carbon
ESM 2.1×17×95×31.5	2.1	17	95	31.5	155.66	143.28	1.92	26.75	Carbon
ESS 2.1×17×47.5×9.5	2.1	17	47.5	9.5	64.76	123.6	5.61	26.75	Stainless
ESS 2.1×17×50×10.5	2.1	17	50	10.5	69.54	123.6	4.96	26.75	Stainless
ESS 2.1×17×52.5×11.5	2.1	17	52.5	11.5	74.31	123.6	4.44	26.75	Stainless
ESS 2.1×17×55×12.5	2.1	17	55	12.5	79.09	123.6	4.02	26.75	Stainless
ESS 2.1×17×57.5×13.5	2.1	17	57.5	13.5	83.86	123.6	3.67	26.75	Stainless
ESS 2.1×17×60×14.5	2.1	17	60	14.5	88.64	123.6	3.38	26.75	Stainless
ESS 2.1×17×62.5×16.5	2.1	17	62.5	16.5	93.42	123.6	3.13	26.75	Stainless
ESS 2.1×17×65×17.5	2.1	17	65	17.5	98.19	123.6	2.92	26.75	Stainless
ESS 2.1×17×67.5×18.5	2.1	17	67.5	18.5	102.97	123.6	2.73	26.75	Stainless
ESS 2.1×17×70×19.5	2.1	17	70	19.5	107.74	123.6	2.57	26.75	Stainless
ESS 2.1×17×72.5×20.5	2.1	17	72.5	20.5	112.52	123.6	2.42	26.75	Stainless
ESS 2.1×17×75×22.5	2.1	17	75	22.5	117.3	123.6	2.29	26.75	Stainless
ESS 2.1×17×77.5×23.5	2.1	17	77.5	23.5	122.07	123.6	2.17	26.75	Stainless
ESS 2.1×17×80×24.5	2.1	17	80	24.5	126.85	123.6	2.07	26.75	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×17×82.5×25.5	2.1	17	82.5	25.5	131.63	123.6	1.97	26.75	Stainless
ESS 2.1×17×85×26.5	2.1	17	85	26.5	136.4	123.6	1.88	26.75	Stainless
ESS 2.1×17×87.5×28.5	2.1	17	87.5	28.5	141.18	123.6	1.8	26.75	Stainless
ESS 2.1×17×90×29.5	2.1	17	90	29.5	145.95	123.6	1.73	26.75	Stainless
ESS 2.1×17×92.5×30.5	2.1	17	92.5	30.5	150.73	123.6	1.66	26.75	Stainless
ESS 2.1×17×95×31.5	2.1	17	95	31.5	155.5	123.6	1.6	26.75	Stainless
ESM 1.2×18×47.5×12.5	1.2	18	47.5	12.5	110.1	25.38	0.37	2.14	Carbon
ESM 1.2×18×50×14.5	1.2	18	50	14.5	123.3	25.38	0.32	2.14	Carbon
ESM 1.2×18×52.5×16.5	1.2	18	52.5	16.5	136.51	25.38	0.28	2.14	Carbon
ESM 1.2×18×55×18.5	1.2	18	55	18.5	149.73	25.38	0.25	2.14	Carbon
ESM 1.2×18×57.5×20.5	1.2	18	57.5	20.5	162.93	25.38	0.22	2.14	Carbon
ESM 1.2×18×60×22.5	1.2	18	60	22.5	176.12	25.38	0.2	2.14	Carbon
ESM 1.2×18×62.5×24.5	1.2	18	62.5	24.5	189.33	25.38	0.18	2.14	Carbon
ESM 1.2×18×65×26.5	1.2	18	65	26.5	202.57	25.38	0.17	2.14	Carbon
ESM 1.2×18×67.5×28.5	1.2	18	67.5	28.5	215.78	25.38	0.16	2.14	Carbon
ESM 1.2×18×70×30.5	1.2	18	70	30.5	228.93	25.38	0.15	2.14	Carbon
ESM 1.2×18×72.5×33.5	1.2	18	72.5	33.5	242.11	25.38	0.14	2.14	Carbon
ESM 1.2×18×75×35.5	1.2	18	75	35.5	255.4	25.38	0.13	2.14	Carbon
ESM 1.2×18×77.5×37.5	1.2	18	77.5	37.5	268.59	25.38	0.12	2.14	Carbon
ESM 1.2×18×80×39.5	1.2	18	80	39.5	281.7	25.38	0.12	2.14	Carbon
ESS 1.2×18×47.5×12.5	1.2	18	47.5	12.5	111.56	21.96	0.31	2.14	Stainless
ESS 1.2×18×50×14.5	1.2	18	50	14.5	125.02	21.96	0.26	2.14	Stainless
ESS 1.2×18×52.5×16.5	1.2	18	52.5	16.5	138.46	21.96	0.23	2.14	Stainless
ESS 1.2×18×55×18.5	1.2	18	55	18.5	151.93	21.96	0.2	2.14	Stainless
ESS 1.2×18×57.5×20.5	1.2	18	57.5	20.5	165.36	21.96	0.18	2.14	Stainless
ESS 1.2×18×60×22.5	1.2	18	60	22.5	178.86	21.96	0.17	2.14	Stainless
ESS 1.2×18×62.5×24.5	1.2	18	62.5	24.5	192.25	21.96	0.15	2.14	Stainless
ESS 1.2×18×65×26.5	1.2	18	65	26.5	205.72	21.96	0.14	2.14	Stainless
ESS 1.2×18×67.5×28.5	1.2	18	67.5	28.5	219.21	21.96	0.13	2.14	Stainless
ESS 1.2×18×70×30.5	1.2	18	70	30.5	232.67	21.96	0.12	2.14	Stainless
ESS 1.2×18×72.5×33.5	1.2	18	72.5	33.5	246.15	21.96	0.11	2.14	Stainless
ESS 1.2×18×75×35.5	1.2	18	75	35.5	259.48	21.96	0.11	2.14	Stainless
ESS 1.2×18×77.5×37.5	1.2	18	77.5	37.5	273.09	21.96	0.1	2.14	Stainless
ESS 1.2×18×80×39.5	1.2	18	80	39.5	286.39	21.96	0.1	2.14	Stainless
ESM 1.3×18×47.5×11.5	1.3	18	47.5	11.5	100.12	32.25	0.55	3.1	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.3×18×50×13.5	1.3	18	50	13.5	111.47	32.25	0.47	3.1	Carbon
ESM 1.3×18×52.5×15.5	1.3	18	52.5	15.5	122.8	32.25	0.41	3.1	Carbon
ESM 1.3×18×55×17.5	1.3	18	55	17.5	134.16	32.25	0.37	3.1	Carbon
ESM 1.3×18×57.5×19.5	1.3	18	57.5	19.5	145.5	32.25	0.33	3.1	Carbon
ESM 1.3×18×60×21.5	1.3	18	60	21.5	156.82	32.25	0.3	3.1	Carbon
ESM 1.3×18×62.5×22.5	1.3	18	62.5	22.5	168.17	32.25	0.28	3.1	Carbon
ESM 1.3×18×65×24.5	1.3	18	65	24.5	179.51	32.25	0.25	3.1	Carbon
ESM 1.3×18×67.5×26.5	1.3	18	67.5	26.5	190.87	32.25	0.24	3.1	Carbon
ESM 1.3×18×70×28.5	1.3	18	70	28.5	202.21	32.25	0.22	3.1	Carbon
ESM 1.3×18×72.5×30.5	1.3	18	72.5	30.5	213.54	32.25	0.21	3.1	Carbon
ESM 1.3×18×75×32.5	1.3	18	75	32.5	224.89	32.25	0.19	3.1	Carbon
ESM 1.3×18×77.5×34.5	1.3	18	77.5	34.5	236.2	32.25	0.18	3.1	Carbon
ESM 1.3×18×80×36.5	1.3	18	80	36.5	247.55	32.25	0.17	3.1	Carbon
ESS 1.3×18×47.5×11.5	1.3	18	47.5	11.5	101.16	27.87	0.46	3.1	Stainless
ESS 1.3×18×50×13.5	1.3	18	50	13.5	112.67	27.87	0.4	3.1	Stainless
ESS 1.3×18×52.5×15.5	1.3	18	52.5	15.5	124.19	27.87	0.35	3.1	Stainless
ESS 1.3×18×55×17.5	1.3	18	55	17.5	135.7	27.87	0.31	3.1	Stainless
ESS 1.3×18×57.5×19.5	1.3	18	57.5	19.5	147.23	27.87	0.28	3.1	Stainless
ESS 1.3×18×60×21.5	1.3	18	60	21.5	158.75	27.87	0.25	3.1	Stainless
ESS 1.3×18×62.5×22.5	1.3	18	62.5	22.5	170.26	27.87	0.23	3.1	Stainless
ESS 1.3×18×65×24.5	1.3	18	65	24.5	181.75	27.87	0.21	3.1	Stainless
ESS 1.3×18×67.5×26.5	1.3	18	67.5	26.5	193.33	27.87	0.2	3.1	Stainless
ESS 1.3×18×70×28.5	1.3	18	70	28.5	204.79	27.87	0.18	3.1	Stainless
ESS 1.3×18×72.5×30.5	1.3	18	72.5	30.5	216.29	27.87	0.17	3.1	Stainless
ESS 1.3×18×75×32.5	1.3	18	75	32.5	227.84	27.87	0.16	3.1	Stainless
ESS 1.3×18×77.5×34.5	1.3	18	77.5	34.5	239.32	27.87	0.15	3.1	Stainless
ESS 1.3×18×80×36.5	1.3	18	80	36.5	250.86	27.87	0.15	3.1	Stainless
ESM 1.4×18×47.5×10.5	1.4	18	47.5	10.5	92.25	40.25	0.8	4.31	Carbon
ESM 1.4×18×50×12.5	1.4	18	50	12.5	102.14	40.25	0.69	4.31	Carbon
ESM 1.4×18×52.5×14.5	1.4	18	52.5	14.5	112.03	40.25	0.6	4.31	Carbon
ESM 1.4×18×55×16.5	1.4	18	55	16.5	121.92	40.25	0.54	4.31	Carbon
ESM 1.4×18×57.5×17.5	1.4	18	57.5	17.5	131.81	40.25	0.48	4.31	Carbon
ESM 1.4×18×60×19.5	1.4	18	60	19.5	141.69	40.25	0.44	4.31	Carbon
ESM 1.4×18×62.5×21.5	1.4	18	62.5	21.5	151.59	40.25	0.4	4.31	Carbon
ESM 1.4×18×65×23.5	1.4	18	65	23.5	161.48	40.25	0.37	4.31	Carbon

M: Carbon Steel;
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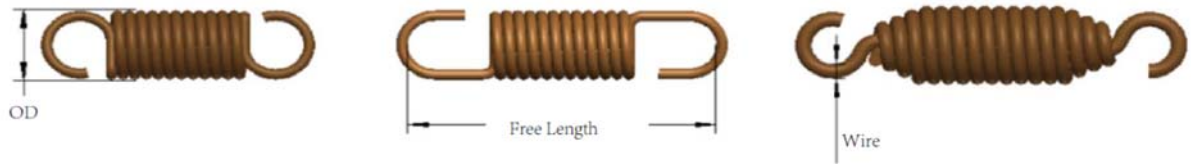
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.4×18×67.5×25.5	1.4	18	67.5	25.5	171.37	40.25	0.35	4.31	Carbon
ESM 1.4×18×70×26.5	1.4	18	70	26.5	181.26	40.25	0.32	4.31	Carbon
ESM 1.4×18×72.5×28.5	1.4	18	72.5	28.5	191.14	40.25	0.3	4.31	Carbon
ESM 1.4×18×75×30.5	1.4	18	75	30.5	201.05	40.25	0.29	4.31	Carbon
ESM 1.4×18×77.5×32.5	1.4	18	77.5	32.5	210.95	40.25	0.27	4.31	Carbon
ESM 1.4×18×80×34.5	1.4	18	80	34.5	220.82	40.25	0.26	4.31	Carbon
ESM 1.4×18×82.5×35.5	1.4	18	82.5	35.5	230.7	40.25	0.24	4.31	Carbon
ESM 1.4×18×85×37.5	1.4	18	85	37.5	240.57	40.25	0.23	4.31	Carbon
ESS 1.4×18×47.5×10.5	1.4	18	47.5	10.5	92.98	34.75	0.67	4.31	Stainless
ESS 1.4×18×50×12.5	1.4	18	50	12.5	102.99	34.75	0.57	4.31	Stainless
ESS 1.4×18×52.5×14.5	1.4	18	52.5	14.5	113	34.75	0.5	4.31	Stainless
ESS 1.4×18×55×16.5	1.4	18	55	16.5	123.01	34.75	0.45	4.31	Stainless
ESS 1.4×18×57.5×17.5	1.4	18	57.5	17.5	133.02	34.75	0.4	4.31	Stainless
ESS 1.4×18×60×19.5	1.4	18	60	19.5	143.02	34.75	0.37	4.31	Stainless
ESS 1.4×18×62.5×21.5	1.4	18	62.5	21.5	153.03	34.75	0.34	4.31	Stainless
ESS 1.4×18×65×23.5	1.4	18	65	23.5	163.06	34.75	0.31	4.31	Stainless
ESS 1.4×18×67.5×25.5	1.4	18	67.5	25.5	173.07	34.75	0.29	4.31	Stainless
ESS 1.4×18×70×26.5	1.4	18	70	26.5	183.06	34.75	0.27	4.31	Stainless
ESS 1.4×18×72.5×28.5	1.4	18	72.5	28.5	193.09	34.75	0.25	4.31	Stainless
ESS 1.4×18×75×30.5	1.4	18	75	30.5	203.1	34.75	0.24	4.31	Stainless
ESS 1.4×18×77.5×32.5	1.4	18	77.5	32.5	213.14	34.75	0.22	4.31	Stainless
ESS 1.4×18×80×34.5	1.4	18	80	34.5	223.1	34.75	0.21	4.31	Stainless
ESS 1.4×18×82.5×35.5	1.4	18	82.5	35.5	233.1	34.75	0.2	4.31	Stainless
ESS 1.4×18×85×37.5	1.4	18	85	37.5	243.11	34.75	0.19	4.31	Stainless
ESM 1.5×18×47.5×10.5	1.5	18	47.5	10.5	85.79	49.31	1.14	5.84	Carbon
ESM 1.5×18×50×11.5	1.5	18	50	11.5	94.51	49.31	0.98	5.84	Carbon
ESM 1.5×18×52.5×13.5	1.5	18	52.5	13.5	103.23	49.31	0.86	5.84	Carbon
ESM 1.5×18×55×15.5	1.5	18	55	15.5	111.95	49.31	0.76	5.84	Carbon
ESM 1.5×18×57.5×16.5	1.5	18	57.5	16.5	120.66	49.31	0.69	5.84	Carbon
ESM 1.5×18×60×18.5	1.5	18	60	18.5	129.38	49.31	0.63	5.84	Carbon
ESM 1.5×18×62.5×20.5	1.5	18	62.5	20.5	138.1	49.31	0.58	5.84	Carbon
ESM 1.5×18×65×21.5	1.5	18	65	21.5	146.82	49.31	0.53	5.84	Carbon
ESM 1.5×18×67.5×23.5	1.5	18	67.5	23.5	155.53	49.31	0.49	5.84	Carbon
ESM 1.5×18×70×25.5	1.5	18	70	25.5	164.25	49.31	0.46	5.84	Carbon
ESM 1.5×18×72.5×26.5	1.5	18	72.5	26.5	172.96	49.31	0.43	5.84	Carbon

M: Carbon Steel;
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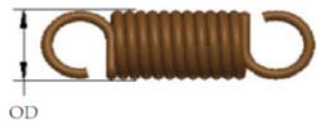
OD:Outer Diameter
Max Length - Max Load

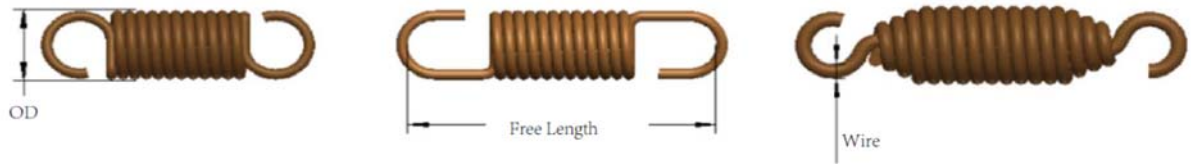






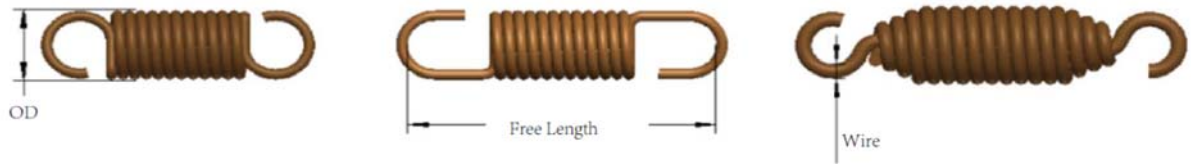
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.5×18×75×28.5	1.5	18	75	28.5	181.67	49.31	0.41	5.84	Carbon
ESM 1.5×18×77.5×30.5	1.5	18	77.5	30.5	190.41	49.31	0.39	5.84	Carbon
ESM 1.5×18×80×31.5	1.5	18	80	31.5	199.12	49.31	0.36	5.84	Carbon
ESM 1.5×18×82.5×33.5	1.5	18	82.5	33.5	207.84	49.31	0.35	5.84	Carbon
ESM 1.5×18×85×35.5	1.5	18	85	35.5	216.56	49.31	0.33	5.84	Carbon
ESM 1.5×18×87.5×36.5	1.5	18	87.5	36.5	225.28	49.31	0.32	5.84	Carbon
ESM 1.5×18×90×38.5	1.5	18	90	38.5	233.98	49.31	0.3	5.84	Carbon
ESM 1.5×18×92.5×40.5	1.5	18	92.5	40.5	242.7	49.31	0.29	5.84	Carbon
ESM 1.5×18×95×41.5	1.5	18	95	41.5	251.42	49.31	0.28	5.84	Carbon
ESS 1.5×18×47.5×10.5	1.5	18	47.5	10.5	86.43	42.67	0.95	5.84	Stainless
ESS 1.5×18×50×11.5	1.5	18	50	11.5	95.25	42.67	0.81	5.84	Stainless
ESS 1.5×18×52.5×13.5	1.5	18	52.5	13.5	104.07	42.67	0.71	5.84	Stainless
ESS 1.5×18×55×15.5	1.5	18	55	15.5	112.9	42.67	0.64	5.84	Stainless
ESS 1.5×18×57.5×16.5	1.5	18	57.5	16.5	121.72	42.67	0.57	5.84	Stainless
ESS 1.5×18×60×18.5	1.5	18	60	18.5	130.54	42.67	0.52	5.84	Stainless
ESS 1.5×18×62.5×20.5	1.5	18	62.5	20.5	139.35	42.67	0.48	5.84	Stainless
ESS 1.5×18×65×21.5	1.5	18	65	21.5	148.17	42.67	0.44	5.84	Stainless
ESS 1.5×18×67.5×23.5	1.5	18	67.5	23.5	157	42.67	0.41	5.84	Stainless
ESS 1.5×18×70×25.5	1.5	18	70	25.5	165.81	42.67	0.38	5.84	Stainless
ESS 1.5×18×72.5×26.5	1.5	18	72.5	26.5	174.63	42.67	0.36	5.84	Stainless
ESS 1.5×18×75×28.5	1.5	18	75	28.5	183.44	42.67	0.34	5.84	Stainless
ESS 1.5×18×77.5×30.5	1.5	18	77.5	30.5	192.26	42.67	0.32	5.84	Stainless
ESS 1.5×18×80×31.5	1.5	18	80	31.5	201.1	42.67	0.3	5.84	Stainless
ESS 1.5×18×82.5×33.5	1.5	18	82.5	33.5	209.93	42.67	0.29	5.84	Stainless
ESS 1.5×18×85×35.5	1.5	18	85	35.5	218.72	42.67	0.28	5.84	Stainless
ESS 1.5×18×87.5×36.5	1.5	18	87.5	36.5	227.58	42.67	0.26	5.84	Stainless
ESS 1.5×18×90×38.5	1.5	18	90	38.5	236.37	42.67	0.25	5.84	Stainless
ESS 1.5×18×92.5×40.5	1.5	18	92.5	40.5	245.18	42.67	0.24	5.84	Stainless
ESS 1.5×18×95×41.5	1.5	18	95	41.5	254.01	42.67	0.23	5.84	Stainless
ESM 1.6×18×47.5×9.5	1.6	18	47.5	9.5	80.68	59.8	1.57	7.72	Carbon
ESM 1.6×18×50×11.5	1.6	18	50	11.5	88.48	59.8	1.35	7.72	Carbon
ESM 1.6×18×52.5×12.5	1.6	18	52.5	12.5	96.28	59.8	1.19	7.72	Carbon
ESM 1.6×18×55×14.5	1.6	18	55	14.5	104.07	59.8	1.06	7.72	Carbon
ESM 1.6×18×57.5×16.5	1.6	18	57.5	16.5	111.87	59.8	0.96	7.72	Carbon
ESM 1.6×18×60×17.5	1.6	18	60	17.5	119.67	59.8	0.87	7.72	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



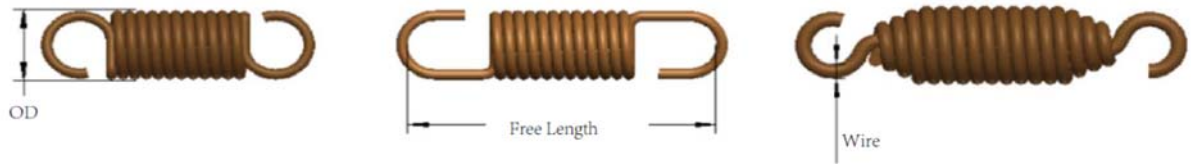
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.6×18×62.5×19.5	1.6	18	62.5	19.5	127.46	59.8	0.8	7.72	Carbon
ESM 1.6×18×65×20.5	1.6	18	65	20.5	135.26	59.8	0.74	7.72	Carbon
ESM 1.6×18×67.5×22.5	1.6	18	67.5	22.5	143.06	59.8	0.69	7.72	Carbon
ESM 1.6×18×70×23.5	1.6	18	70	23.5	150.85	59.8	0.64	7.72	Carbon
ESM 1.6×18×72.5×25.5	1.6	18	72.5	25.5	158.65	59.8	0.6	7.72	Carbon
ESM 1.6×18×75×26.5	1.6	18	75	26.5	166.46	59.8	0.57	7.72	Carbon
ESM 1.6×18×77.5×28.5	1.6	18	77.5	28.5	174.24	59.8	0.54	7.72	Carbon
ESM 1.6×18×80×30.5	1.6	18	80	30.5	182.05	59.8	0.51	7.72	Carbon
ESM 1.6×18×82.5×31.5	1.6	18	82.5	31.5	189.85	59.8	0.49	7.72	Carbon
ESM 1.6×18×85×33.5	1.6	18	85	33.5	197.64	59.8	0.46	7.72	Carbon
ESM 1.6×18×87.5×34.5	1.6	18	87.5	34.5	205.45	59.8	0.44	7.72	Carbon
ESM 1.6×18×90×36.5	1.6	18	90	36.5	213.22	59.8	0.42	7.72	Carbon
ESM 1.6×18×92.5×37.5	1.6	18	92.5	37.5	221.04	59.8	0.41	7.72	Carbon
ESM 1.6×18×95×39.5	1.6	18	95	39.5	228.83	59.8	0.39	7.72	Carbon
ESS 1.6×18×47.5×9.5	1.6	18	47.5	9.5	81.12	51.69	1.31	7.72	Stainless
ESS 1.6×18×50×11.5	1.6	18	50	11.5	88.99	51.69	1.13	7.72	Stainless
ESS 1.6×18×52.5×12.5	1.6	18	52.5	12.5	96.85	51.69	0.99	7.72	Stainless
ESS 1.6×18×55×14.5	1.6	18	55	14.5	104.72	51.69	0.88	7.72	Stainless
ESS 1.6×18×57.5×16.5	1.6	18	57.5	16.5	112.59	51.69	0.8	7.72	Stainless
ESS 1.6×18×60×17.5	1.6	18	60	17.5	120.46	51.69	0.73	7.72	Stainless
ESS 1.6×18×62.5×19.5	1.6	18	62.5	19.5	128.32	51.69	0.67	7.72	Stainless
ESS 1.6×18×65×20.5	1.6	18	65	20.5	136.18	51.69	0.62	7.72	Stainless
ESS 1.6×18×67.5×22.5	1.6	18	67.5	22.5	144.06	51.69	0.57	7.72	Stainless
ESS 1.6×18×70×23.5	1.6	18	70	23.5	151.92	51.69	0.54	7.72	Stainless
ESS 1.6×18×72.5×25.5	1.6	18	72.5	25.5	159.79	51.69	0.5	7.72	Stainless
ESS 1.6×18×75×26.5	1.6	18	75	26.5	167.66	51.69	0.47	7.72	Stainless
ESS 1.6×18×77.5×28.5	1.6	18	77.5	28.5	175.53	51.69	0.45	7.72	Stainless
ESS 1.6×18×80×30.5	1.6	18	80	30.5	183.4	51.69	0.43	7.72	Stainless
ESS 1.6×18×82.5×31.5	1.6	18	82.5	31.5	191.25	51.69	0.4	7.72	Stainless
ESS 1.6×18×85×33.5	1.6	18	85	33.5	199.14	51.69	0.39	7.72	Stainless
ESS 1.6×18×87.5×34.5	1.6	18	87.5	34.5	207	51.69	0.37	7.72	Stainless
ESS 1.6×18×90×36.5	1.6	18	90	36.5	214.86	51.69	0.35	7.72	Stainless
ESS 1.6×18×92.5×37.5	1.6	18	92.5	37.5	222.73	51.69	0.34	7.72	Stainless
ESS 1.6×18×95×39.5	1.6	18	95	39.5	230.61	51.69	0.32	7.72	Stainless
ESM 1.7×18×47.5×9.5	1.7	18	47.5	9.5	76.47	71.68	2.13	9.98	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×18×50×10.5	1.7	18	50	10.5	83.52	71.68	1.84	9.98	Carbon
ESM 1.7×18×52.5×12.5	1.7	18	52.5	12.5	90.57	71.68	1.62	9.98	Carbon
ESM 1.7×18×55×13.5	1.7	18	55	13.5	97.62	71.68	1.45	9.98	Carbon
ESM 1.7×18×57.5×15.5	1.7	18	57.5	15.5	104.67	71.68	1.31	9.98	Carbon
ESM 1.7×18×60×16.5	1.7	18	60	16.5	111.72	71.68	1.19	9.98	Carbon
ESM 1.7×18×62.5×18.5	1.7	18	62.5	18.5	118.77	71.68	1.1	9.98	Carbon
ESM 1.7×18×65×19.5	1.7	18	65	19.5	125.82	71.68	1.01	9.98	Carbon
ESM 1.7×18×67.5×21.5	1.7	18	67.5	21.5	132.87	71.68	0.94	9.98	Carbon
ESM 1.7×18×70×22.5	1.7	18	70	22.5	139.92	71.68	0.88	9.98	Carbon
ESM 1.7×18×72.5×24.5	1.7	18	72.5	24.5	146.97	71.68	0.83	9.98	Carbon
ESM 1.7×18×75×25.5	1.7	18	75	25.5	154.02	71.68	0.78	9.98	Carbon
ESM 1.7×18×77.5×27.5	1.7	18	77.5	27.5	161.07	71.68	0.74	9.98	Carbon
ESM 1.7×18×80×28.5	1.7	18	80	28.5	168.12	71.68	0.7	9.98	Carbon
ESM 1.7×18×82.5×29.5	1.7	18	82.5	29.5	175.17	71.68	0.67	9.98	Carbon
ESM 1.7×18×85×31.5	1.7	18	85	31.5	182.23	71.68	0.63	9.98	Carbon
ESM 1.7×18×87.5×32.5	1.7	18	87.5	32.5	189.26	71.68	0.61	9.98	Carbon
ESM 1.7×18×90×34.5	1.7	18	90	34.5	196.32	71.68	0.58	9.98	Carbon
ESM 1.7×18×92.5×35.5	1.7	18	92.5	35.5	203.37	71.68	0.56	9.98	Carbon
ESM 1.7×18×95×37.5	1.7	18	95	37.5	210.41	71.68	0.53	9.98	Carbon
ESS 1.7×18×47.5×9.5	1.7	18	47.5	9.5	76.75	61.9	1.77	9.98	Stainless
ESS 1.7×18×50×10.5	1.7	18	50	10.5	83.85	61.9	1.53	9.98	Stainless
ESS 1.7×18×52.5×12.5	1.7	18	52.5	12.5	90.94	61.9	1.35	9.98	Stainless
ESS 1.7×18×55×13.5	1.7	18	55	13.5	98.04	61.9	1.21	9.98	Stainless
ESS 1.7×18×57.5×15.5	1.7	18	57.5	15.5	105.13	61.9	1.09	9.98	Stainless
ESS 1.7×18×60×16.5	1.7	18	60	16.5	112.22	61.9	0.99	9.98	Stainless
ESS 1.7×18×62.5×18.5	1.7	18	62.5	18.5	119.32	61.9	0.91	9.98	Stainless
ESS 1.7×18×65×19.5	1.7	18	65	19.5	126.41	61.9	0.85	9.98	Stainless
ESS 1.7×18×67.5×21.5	1.7	18	67.5	21.5	133.51	61.9	0.79	9.98	Stainless
ESS 1.7×18×70×22.5	1.7	18	70	22.5	140.6	61.9	0.74	9.98	Stainless
ESS 1.7×18×72.5×24.5	1.7	18	72.5	24.5	147.69	61.9	0.69	9.98	Stainless
ESS 1.7×18×75×25.5	1.7	18	75	25.5	154.78	61.9	0.65	9.98	Stainless
ESS 1.7×18×77.5×27.5	1.7	18	77.5	27.5	161.88	61.9	0.62	9.98	Stainless
ESS 1.7×18×80×28.5	1.7	18	80	28.5	168.97	61.9	0.58	9.98	Stainless
ESS 1.7×18×82.5×29.5	1.7	18	82.5	29.5	176.07	61.9	0.55	9.98	Stainless
ESS 1.7×18×85×31.5	1.7	18	85	31.5	183.15	61.9	0.53	9.98	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.7×18×87.5×32.5	1.7	18	87.5	32.5	190.26	61.9	0.51	9.98	Stainless
ESS 1.7×18×90×34.5	1.7	18	90	34.5	197.35	61.9	0.48	9.98	Stainless
ESS 1.7×18×92.5×35.5	1.7	18	92.5	35.5	204.43	61.9	0.46	9.98	Stainless
ESS 1.7×18×95×37.5	1.7	18	95	37.5	211.53	61.9	0.45	9.98	Stainless
ESM 1.8×18×50×10.5	1.8	18	50	10.5	79.41	85.03	2.46	12.68	Carbon
ESM 1.8×18×52.5×11.5	1.8	18	52.5	11.5	85.84	85.03	2.17	12.68	Carbon
ESM 1.8×18×55×13.5	1.8	18	55	13.5	92.28	85.03	1.94	12.68	Carbon
ESM 1.8×18×57.5×14.5	1.8	18	57.5	14.5	98.71	85.03	1.76	12.68	Carbon
ESM 1.8×18×60×15.5	1.8	18	60	15.5	105.15	85.03	1.6	12.68	Carbon
ESM 1.8×18×62.5×17.5	1.8	18	62.5	17.5	111.58	85.03	1.47	12.68	Carbon
ESM 1.8×18×65×18.5	1.8	18	65	18.5	118.02	85.03	1.36	12.68	Carbon
ESM 1.8×18×67.5×20.5	1.8	18	67.5	20.5	124.45	85.03	1.27	12.68	Carbon
ESM 1.8×18×70×21.5	1.8	18	70	21.5	130.89	85.03	1.19	12.68	Carbon
ESM 1.8×18×72.5×22.5	1.8	18	72.5	22.5	137.33	85.03	1.12	12.68	Carbon
ESM 1.8×18×75×24.5	1.8	18	75	24.5	143.76	85.03	1.05	12.68	Carbon
ESM 1.8×18×77.5×25.5	1.8	18	77.5	25.5	150.2	85.03	1	12.68	Carbon
ESM 1.8×18×80×27.5	1.8	18	80	27.5	156.63	85.03	0.94	12.68	Carbon
ESM 1.8×18×82.5×28.5	1.8	18	82.5	28.5	163.07	85.03	0.9	12.68	Carbon
ESM 1.8×18×85×29.5	1.8	18	85	29.5	169.51	85.03	0.86	12.68	Carbon
ESM 1.8×18×87.5×31.5	1.8	18	87.5	31.5	175.95	85.03	0.82	12.68	Carbon
ESM 1.8×18×90×32.5	1.8	18	90	32.5	182.38	85.03	0.78	12.68	Carbon
ESM 1.8×18×92.5×33.5	1.8	18	92.5	33.5	188.81	85.03	0.75	12.68	Carbon
ESM 1.8×18×95×35.5	1.8	18	95	35.5	195.25	85.03	0.72	12.68	Carbon
ESM 1.8×18×97.5×36.5	1.8	18	97.5	36.5	201.69	85.03	0.69	12.68	Carbon
ESS 1.8×18×50×10.5	1.8	18	50	10.5	79.59	73.34	2.05	12.68	Stainless
ESS 1.8×18×52.5×11.5	1.8	18	52.5	11.5	86.05	73.34	1.81	12.68	Stainless
ESS 1.8×18×55×13.5	1.8	18	55	13.5	92.51	73.34	1.62	12.68	Stainless
ESS 1.8×18×57.5×14.5	1.8	18	57.5	14.5	98.97	73.34	1.46	12.68	Stainless
ESS 1.8×18×60×15.5	1.8	18	60	15.5	105.42	73.34	1.34	12.68	Stainless
ESS 1.8×18×62.5×17.5	1.8	18	62.5	17.5	111.89	73.34	1.23	12.68	Stainless
ESS 1.8×18×65×18.5	1.8	18	65	18.5	118.35	73.34	1.14	12.68	Stainless
ESS 1.8×18×67.5×20.5	1.8	18	67.5	20.5	124.81	73.34	1.06	12.68	Stainless
ESS 1.8×18×70×21.5	1.8	18	70	21.5	131.27	73.34	0.99	12.68	Stainless
ESS 1.8×18×72.5×22.5	1.8	18	72.5	22.5	137.73	73.34	0.93	12.68	Stainless
ESS 1.8×18×75×24.5	1.8	18	75	24.5	144.18	73.34	0.88	12.68	Stainless

M: Carbon Steel;
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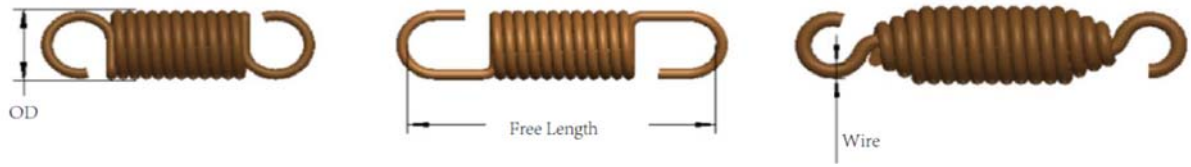
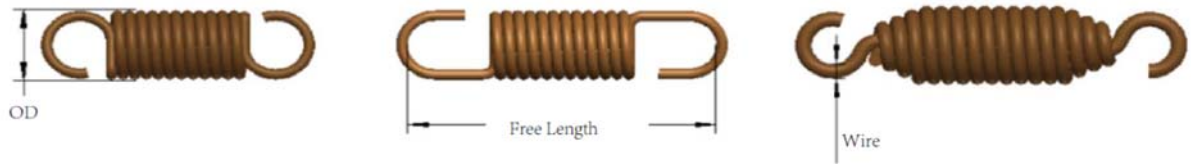
OD:Outer Diameter
Max Length - Max Load



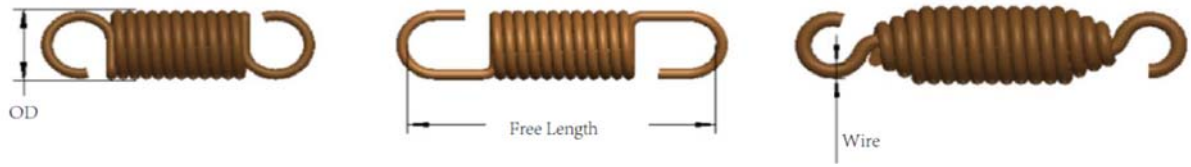
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.8×18×77.5×25.5	1.8	18	77.5	25.5	150.65	73.34	0.83	12.68	Stainless
ESS 1.8×18×80×27.5	1.8	18	80	27.5	157.11	73.34	0.79	12.68	Stainless
ESS 1.8×18×82.5×28.5	1.8	18	82.5	28.5	163.56	73.34	0.75	12.68	Stainless
ESS 1.8×18×85×29.5	1.8	18	85	29.5	170.02	73.34	0.71	12.68	Stainless
ESS 1.8×18×87.5×31.5	1.8	18	87.5	31.5	176.48	73.34	0.68	12.68	Stainless
ESS 1.8×18×90×32.5	1.8	18	90	32.5	182.94	73.34	0.65	12.68	Stainless
ESS 1.8×18×92.5×33.5	1.8	18	92.5	33.5	189.4	73.34	0.63	12.68	Stainless
ESS 1.8×18×95×35.5	1.8	18	95	35.5	195.87	73.34	0.6	12.68	Stainless
ESS 1.8×18×97.5×36.5	1.8	18	97.5	36.5	202.32	73.34	0.58	12.68	Stainless
ESM 1.9×18×50×9.5	1.9	18	50	9.5	75.85	99.59	3.24	15.86	Carbon
ESM 1.9×18×52.5×11.5	1.9	18	52.5	11.5	81.76	99.59	2.86	15.86	Carbon
ESM 1.9×18×55×12.5	1.9	18	55	12.5	87.67	99.59	2.56	15.86	Carbon
ESM 1.9×18×57.5×13.5	1.9	18	57.5	13.5	93.58	99.59	2.32	15.86	Carbon
ESM 1.9×18×60×15.5	1.9	18	60	15.5	99.49	99.59	2.12	15.86	Carbon
ESM 1.9×18×62.5×16.5	1.9	18	62.5	16.5	105.41	99.59	1.95	15.86	Carbon
ESM 1.9×18×65×17.5	1.9	18	65	17.5	111.32	99.59	1.81	15.86	Carbon
ESM 1.9×18×67.5×19.5	1.9	18	67.5	19.5	117.23	99.59	1.68	15.86	Carbon
ESM 1.9×18×70×20.5	1.9	18	70	20.5	123.14	99.59	1.58	15.86	Carbon
ESM 1.9×18×72.5×21.5	1.9	18	72.5	21.5	129.05	99.59	1.48	15.86	Carbon
ESM 1.9×18×75×23.5	1.9	18	75	23.5	134.96	99.59	1.4	15.86	Carbon
ESM 1.9×18×77.5×24.5	1.9	18	77.5	24.5	140.88	99.59	1.32	15.86	Carbon
ESM 1.9×18×80×25.5	1.9	18	80	25.5	146.79	99.59	1.25	15.86	Carbon
ESM 1.9×18×82.5×27.5	1.9	18	82.5	27.5	152.7	99.59	1.19	15.86	Carbon
ESM 1.9×18×85×28.5	1.9	18	85	28.5	158.61	99.59	1.14	15.86	Carbon
ESM 1.9×18×87.5×29.5	1.9	18	87.5	29.5	164.53	99.59	1.09	15.86	Carbon
ESM 1.9×18×90×31.5	1.9	18	90	31.5	170.44	99.59	1.04	15.86	Carbon
ESM 1.9×18×92.5×32.5	1.9	18	92.5	32.5	176.35	99.59	1	15.86	Carbon
ESM 1.9×18×95×33.5	1.9	18	95	33.5	182.26	99.59	0.96	15.86	Carbon
ESM 1.9×18×97.5×34.5	1.9	18	97.5	34.5	188.17	99.59	0.92	15.86	Carbon
ESS 1.9×18×50×9.5	1.9	18	50	9.5	76.02	86.1	2.7	15.86	Stainless
ESS 1.9×18×52.5×11.5	1.9	18	52.5	11.5	81.96	86.1	2.38	15.86	Stainless
ESS 1.9×18×55×12.5	1.9	18	55	12.5	87.89	86.1	2.14	15.86	Stainless
ESS 1.9×18×57.5×13.5	1.9	18	57.5	13.5	93.83	86.1	1.93	15.86	Stainless
ESS 1.9×18×60×15.5	1.9	18	60	15.5	99.76	86.1	1.77	15.86	Stainless
ESS 1.9×18×62.5×16.5	1.9	18	62.5	16.5	105.69	86.1	1.63	15.86	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



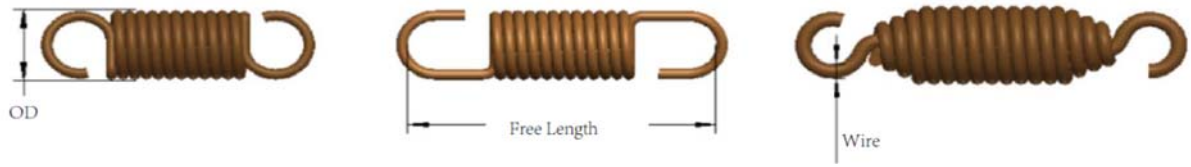
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×18×65×17.5	1.9	18	65	17.5	111.63	86.1	1.51	15.86	Stainless
ESS 1.9×18×67.5×19.5	1.9	18	67.5	19.5	117.56	86.1	1.4	15.86	Stainless
ESS 1.9×18×70×20.5	1.9	18	70	20.5	123.5	86.1	1.31	15.86	Stainless
ESS 1.9×18×72.5×21.5	1.9	18	72.5	21.5	129.43	86.1	1.23	15.86	Stainless
ESS 1.9×18×75×23.5	1.9	18	75	23.5	135.37	86.1	1.16	15.86	Stainless
ESS 1.9×18×77.5×24.5	1.9	18	77.5	24.5	141.3	86.1	1.1	15.86	Stainless
ESS 1.9×18×80×25.5	1.9	18	80	25.5	147.24	86.1	1.04	15.86	Stainless
ESS 1.9×18×82.5×27.5	1.9	18	82.5	27.5	153.17	86.1	0.99	15.86	Stainless
ESS 1.9×18×85×28.5	1.9	18	85	28.5	159.1	86.1	0.95	15.86	Stainless
ESS 1.9×18×87.5×29.5	1.9	18	87.5	29.5	165.04	86.1	0.91	15.86	Stainless
ESS 1.9×18×90×31.5	1.9	18	90	31.5	170.98	86.1	0.87	15.86	Stainless
ESS 1.9×18×92.5×32.5	1.9	18	92.5	32.5	176.92	86.1	0.83	15.86	Stainless
ESS 1.9×18×95×33.5	1.9	18	95	33.5	182.85	86.1	0.8	15.86	Stainless
ESS 1.9×18×97.5×34.5	1.9	18	97.5	34.5	188.78	86.1	0.77	15.86	Stainless
ESM 2×18×50×9.5	2	18	50	9.5	72.94	116.07	4.21	19.57	Carbon
ESM 2×18×52.5×10.5	2	18	52.5	10.5	78.42	116.07	3.72	19.57	Carbon
ESM 2×18×55×12.5	2	18	55	12.5	83.91	116.07	3.34	19.57	Carbon
ESM 2×18×57.5×13.5	2	18	57.5	13.5	89.4	116.07	3.03	19.57	Carbon
ESM 2×18×60×14.5	2	18	60	14.5	94.88	116.07	2.77	19.57	Carbon
ESM 2×18×62.5×15.5	2	18	62.5	15.5	100.37	116.07	2.55	19.57	Carbon
ESM 2×18×65×17.5	2	18	65	17.5	105.85	116.07	2.36	19.57	Carbon
ESM 2×18×67.5×18.5	2	18	67.5	18.5	111.34	116.07	2.2	19.57	Carbon
ESM 2×18×70×19.5	2	18	70	19.5	116.83	116.07	2.06	19.57	Carbon
ESM 2×18×72.5×20.5	2	18	72.5	20.5	122.31	116.07	1.94	19.57	Carbon
ESM 2×18×75×22.5	2	18	75	22.5	127.8	116.07	1.83	19.57	Carbon
ESM 2×18×77.5×23.5	2	18	77.5	23.5	133.29	116.07	1.73	19.57	Carbon
ESM 2×18×80×24.5	2	18	80	24.5	138.77	116.07	1.64	19.57	Carbon
ESM 2×18×82.5×25.5	2	18	82.5	25.5	144.26	116.07	1.56	19.57	Carbon
ESM 2×18×85×27.5	2	18	85	27.5	149.75	116.07	1.49	19.57	Carbon
ESM 2×18×87.5×28.5	2	18	87.5	28.5	155.23	116.07	1.42	19.57	Carbon
ESM 2×18×90×29.5	2	18	90	29.5	160.72	116.07	1.36	19.57	Carbon
ESM 2×18×92.5×30.5	2	18	92.5	30.5	166.21	116.07	1.31	19.57	Carbon
ESM 2×18×95×32.5	2	18	95	32.5	171.7	116.07	1.26	19.57	Carbon
ESM 2×18×97.5×33.5	2	18	97.5	33.5	177.18	116.07	1.21	19.57	Carbon
ESS 2×18×50×9.5	2	18	50	9.5	73.01	100.24	3.51	19.57	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×18×52.5×10.5	2	18	52.5	10.5	78.5	100.24	3.1	19.57	Stainless
ESS 2×18×55×12.5	2	18	55	12.5	84	100.24	2.78	19.57	Stainless
ESS 2×18×57.5×13.5	2	18	57.5	13.5	89.5	100.24	2.52	19.57	Stainless
ESS 2×18×60×14.5	2	18	60	14.5	94.99	100.24	2.31	19.57	Stainless
ESS 2×18×62.5×15.5	2	18	62.5	15.5	100.49	100.24	2.12	19.57	Stainless
ESS 2×18×65×17.5	2	18	65	17.5	105.98	100.24	1.97	19.57	Stainless
ESS 2×18×67.5×18.5	2	18	67.5	18.5	111.48	100.24	1.83	19.57	Stainless
ESS 2×18×70×19.5	2	18	70	19.5	116.98	100.24	1.72	19.57	Stainless
ESS 2×18×72.5×20.5	2	18	72.5	20.5	122.47	100.24	1.61	19.57	Stainless
ESS 2×18×75×22.5	2	18	75	22.5	127.97	100.24	1.52	19.57	Stainless
ESS 2×18×77.5×23.5	2	18	77.5	23.5	133.46	100.24	1.44	19.57	Stainless
ESS 2×18×80×24.5	2	18	80	24.5	138.96	100.24	1.37	19.57	Stainless
ESS 2×18×82.5×25.5	2	18	82.5	25.5	144.45	100.24	1.3	19.57	Stainless
ESS 2×18×85×27.5	2	18	85	27.5	149.95	100.24	1.24	19.57	Stainless
ESS 2×18×87.5×28.5	2	18	87.5	28.5	155.45	100.24	1.19	19.57	Stainless
ESS 2×18×90×29.5	2	18	90	29.5	160.94	100.24	1.14	19.57	Stainless
ESS 2×18×92.5×30.5	2	18	92.5	30.5	166.44	100.24	1.09	19.57	Stainless
ESS 2×18×95×32.5	2	18	95	32.5	171.94	100.24	1.05	19.57	Stainless
ESS 2×18×97.5×33.5	2	18	97.5	33.5	177.43	100.24	1.01	19.57	Stainless
ESM 2.1×18×50×9.5	2.1	18	50	9.5	70.45	134.27	5.4	23.84	Carbon
ESM 2.1×18×52.5×10.5	2.1	18	52.5	10.5	75.58	134.27	4.78	23.84	Carbon
ESM 2.1×18×55×11.5	2.1	18	55	11.5	80.71	134.27	4.3	23.84	Carbon
ESM 2.1×18×57.5×12.5	2.1	18	57.5	12.5	85.84	134.27	3.9	23.84	Carbon
ESM 2.1×18×60×14.5	2.1	18	60	14.5	90.96	134.27	3.57	23.84	Carbon
ESM 2.1×18×62.5×15.5	2.1	18	62.5	15.5	96.09	134.27	3.29	23.84	Carbon
ESM 2.1×18×65×16.5	2.1	18	65	16.5	101.22	134.27	3.05	23.84	Carbon
ESM 2.1×18×67.5×17.5	2.1	18	67.5	17.5	106.35	134.27	2.84	23.84	Carbon
ESM 2.1×18×70×18.5	2.1	18	70	18.5	111.47	134.27	2.66	23.84	Carbon
ESM 2.1×18×72.5×19.5	2.1	18	72.5	19.5	116.6	134.27	2.5	23.84	Carbon
ESM 2.1×18×75×21.5	2.1	18	75	21.5	121.73	134.27	2.36	23.84	Carbon
ESM 2.1×18×77.5×22.5	2.1	18	77.5	22.5	126.86	134.27	2.24	23.84	Carbon
ESM 2.1×18×80×23.5	2.1	18	80	23.5	131.98	134.27	2.12	23.84	Carbon
ESM 2.1×18×82.5×24.5	2.1	18	82.5	24.5	137.11	134.27	2.02	23.84	Carbon
ESM 2.1×18×85×25.5	2.1	18	85	25.5	142.24	134.27	1.93	23.84	Carbon
ESM 2.1×18×87.5×27.5	2.1	18	87.5	27.5	147.37	134.27	1.84	23.84	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×18×90×28.5	2.1	18	90	28.5	152.5	134.27	1.77	23.84	Carbon
ESM 2.1×18×92.5×29.5	2.1	18	92.5	29.5	157.62	134.27	1.7	23.84	Carbon
ESM 2.1×18×95×30.5	2.1	18	95	30.5	162.75	134.27	1.63	23.84	Carbon
ESM 2.1×18×97.5×31.5	2.1	18	97.5	31.5	167.88	134.27	1.57	23.84	Carbon
ESS 2.1×18×50×9.5	2.1	18	50	9.5	70.45	115.83	4.5	23.84	Stainless
ESS 2.1×18×52.5×10.5	2.1	18	52.5	10.5	75.57	115.83	3.99	23.84	Stainless
ESS 2.1×18×55×11.5	2.1	18	55	11.5	80.7	115.83	3.58	23.84	Stainless
ESS 2.1×18×57.5×12.5	2.1	18	57.5	12.5	85.83	115.83	3.25	23.84	Stainless
ESS 2.1×18×60×14.5	2.1	18	60	14.5	90.95	115.83	2.97	23.84	Stainless
ESS 2.1×18×62.5×15.5	2.1	18	62.5	15.5	96.08	115.83	2.74	23.84	Stainless
ESS 2.1×18×65×16.5	2.1	18	65	16.5	101.21	115.83	2.54	23.84	Stainless
ESS 2.1×18×67.5×17.5	2.1	18	67.5	17.5	106.33	115.83	2.37	23.84	Stainless
ESS 2.1×18×70×18.5	2.1	18	70	18.5	111.46	115.83	2.22	23.84	Stainless
ESS 2.1×18×72.5×19.5	2.1	18	72.5	19.5	116.58	115.83	2.09	23.84	Stainless
ESS 2.1×18×75×21.5	2.1	18	75	21.5	121.71	115.83	1.97	23.84	Stainless
ESS 2.1×18×77.5×22.5	2.1	18	77.5	22.5	126.84	115.83	1.86	23.84	Stainless
ESS 2.1×18×80×23.5	2.1	18	80	23.5	131.96	115.83	1.77	23.84	Stainless
ESS 2.1×18×82.5×24.5	2.1	18	82.5	24.5	137.09	115.83	1.69	23.84	Stainless
ESS 2.1×18×85×25.5	2.1	18	85	25.5	142.22	115.83	1.61	23.84	Stainless
ESS 2.1×18×87.5×27.5	2.1	18	87.5	27.5	147.34	115.83	1.54	23.84	Stainless
ESS 2.1×18×90×28.5	2.1	18	90	28.5	152.47	115.83	1.47	23.84	Stainless
ESS 2.1×18×92.5×29.5	2.1	18	92.5	29.5	157.6	115.83	1.41	23.84	Stainless
ESS 2.1×18×95×30.5	2.1	18	95	30.5	162.73	115.83	1.36	23.84	Stainless
ESS 2.1×18×97.5×31.5	2.1	18	97.5	31.5	167.85	115.83	1.31	23.84	Stainless
ESM 2.2×18×52.5×10.5	2.2	18	52.5	10.5	73.05	153.71	6.08	28.74	Carbon
ESM 2.2×18×55×11.5	2.2	18	55	11.5	77.87	153.71	5.47	28.74	Carbon
ESM 2.2×18×57.5×12.5	2.2	18	57.5	12.5	82.68	153.71	4.96	28.74	Carbon
ESM 2.2×18×60×13.5	2.2	18	60	13.5	87.49	153.71	4.55	28.74	Carbon
ESM 2.2×18×62.5×14.5	2.2	18	62.5	14.5	92.3	153.71	4.19	28.74	Carbon
ESM 2.2×18×65×15.5	2.2	18	65	15.5	97.12	153.71	3.89	28.74	Carbon
ESM 2.2×18×67.5×16.5	2.2	18	67.5	16.5	101.93	153.71	3.63	28.74	Carbon
ESM 2.2×18×70×18.5	2.2	18	70	18.5	106.74	153.71	3.4	28.74	Carbon
ESM 2.2×18×72.5×19.5	2.2	18	72.5	19.5	111.55	153.71	3.2	28.74	Carbon
ESM 2.2×18×75×20.5	2.2	18	75	20.5	116.37	153.71	3.02	28.74	Carbon
ESM 2.2×18×77.5×21.5	2.2	18	77.5	21.5	121.18	153.71	2.86	28.74	Carbon

M: Carbon Steel;
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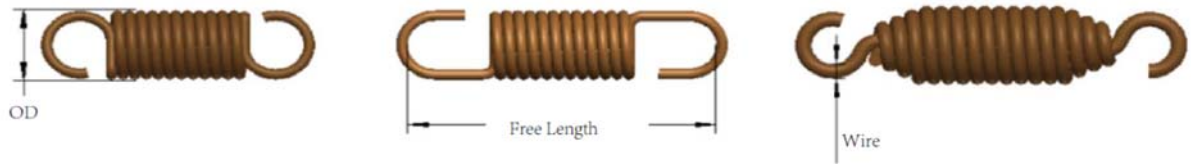
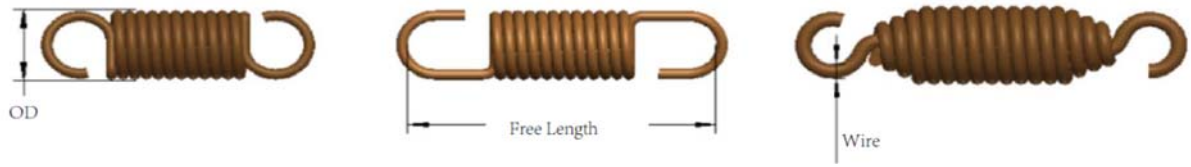
OD:Outer Diameter
Max Length - Max Load



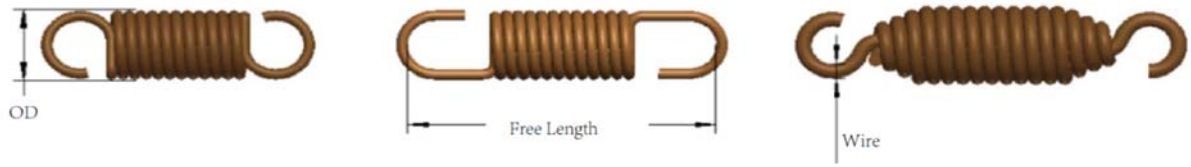
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×18×80×22.5	2.2	18	80	22.5	125.99	153.71	2.72	28.74	Carbon
ESM 2.2×18×82.5×23.5	2.2	18	82.5	23.5	130.8	153.71	2.59	28.74	Carbon
ESM 2.2×18×85×24.5	2.2	18	85	24.5	135.62	153.71	2.47	28.74	Carbon
ESM 2.2×18×87.5×26.5	2.2	18	87.5	26.5	140.43	153.71	2.36	28.74	Carbon
ESM 2.2×18×90×27.5	2.2	18	90	27.5	145.24	153.71	2.26	28.74	Carbon
ESM 2.2×18×92.5×28.5	2.2	18	92.5	28.5	150.05	153.71	2.17	28.74	Carbon
ESM 2.2×18×95×29.5	2.2	18	95	29.5	154.87	153.71	2.09	28.74	Carbon
ESM 2.2×18×97.5×30.5	2.2	18	97.5	30.5	159.68	153.71	2.01	28.74	Carbon
ESM 2.2×18×100×31.5	2.2	18	100	31.5	164.49	153.71	1.94	28.74	Carbon
ESS 2.2×18×52.5×10.5	2.2	18	52.5	10.5	73.06	132.92	5.07	28.74	Stainless
ESS 2.2×18×55×11.5	2.2	18	55	11.5	77.87	132.92	4.55	28.74	Stainless
ESS 2.2×18×57.5×12.5	2.2	18	57.5	12.5	82.69	132.92	4.14	28.74	Stainless
ESS 2.2×18×60×13.5	2.2	18	60	13.5	87.5	132.92	3.79	28.74	Stainless
ESS 2.2×18×62.5×14.5	2.2	18	62.5	14.5	92.31	132.92	3.49	28.74	Stainless
ESS 2.2×18×65×15.5	2.2	18	65	15.5	97.13	132.92	3.24	28.74	Stainless
ESS 2.2×18×67.5×16.5	2.2	18	67.5	16.5	101.94	132.92	3.03	28.74	Stainless
ESS 2.2×18×70×18.5	2.2	18	70	18.5	106.76	132.92	2.83	28.74	Stainless
ESS 2.2×18×72.5×19.5	2.2	18	72.5	19.5	111.57	132.92	2.67	28.74	Stainless
ESS 2.2×18×75×20.5	2.2	18	75	20.5	116.38	132.92	2.52	28.74	Stainless
ESS 2.2×18×77.5×21.5	2.2	18	77.5	21.5	121.2	132.92	2.38	28.74	Stainless
ESS 2.2×18×80×22.5	2.2	18	80	22.5	126.01	132.92	2.26	28.74	Stainless
ESS 2.2×18×82.5×23.5	2.2	18	82.5	23.5	130.82	132.92	2.16	28.74	Stainless
ESS 2.2×18×85×24.5	2.2	18	85	24.5	135.64	132.92	2.06	28.74	Stainless
ESS 2.2×18×87.5×26.5	2.2	18	87.5	26.5	140.45	132.92	1.97	28.74	Stainless
ESS 2.2×18×90×27.5	2.2	18	90	27.5	145.26	132.92	1.89	28.74	Stainless
ESS 2.2×18×92.5×28.5	2.2	18	92.5	28.5	150.08	132.92	1.81	28.74	Stainless
ESS 2.2×18×95×29.5	2.2	18	95	29.5	154.89	132.92	1.74	28.74	Stainless
ESS 2.2×18×97.5×30.5	2.2	18	97.5	30.5	159.7	132.92	1.68	28.74	Stainless
ESS 2.2×18×100×31.5	2.2	18	100	31.5	164.52	132.92	1.61	28.74	Stainless
ESM 1.3×19×52.5×13.5	1.3	19	52.5	13.5	124.13	30.43	0.39	2.69	Carbon
ESM 1.3×19×55×15.5	1.3	19	55	15.5	136.64	30.43	0.34	2.69	Carbon
ESM 1.3×19×57.5×17.5	1.3	19	57.5	17.5	149.15	30.43	0.3	2.69	Carbon
ESM 1.3×19×60×19.5	1.3	19	60	19.5	161.66	30.43	0.27	2.69	Carbon
ESM 1.3×19×62.5×21.5	1.3	19	62.5	21.5	174.19	30.43	0.25	2.69	Carbon
ESM 1.3×19×65×23.5	1.3	19	65	23.5	186.69	30.43	0.23	2.69	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.3×19×67.5×25.5	1.3	19	67.5	25.5	199.19	30.43	0.21	2.69	Carbon
ESM 1.3×19×70×27.5	1.3	19	70	27.5	211.71	30.43	0.2	2.69	Carbon
ESM 1.3×19×72.5×29.5	1.3	19	72.5	29.5	224.21	30.43	0.18	2.69	Carbon
ESM 1.3×19×75×31.5	1.3	19	75	31.5	236.71	30.43	0.17	2.69	Carbon
ESM 1.3×19×77.5×32.5	1.3	19	77.5	32.5	249.22	30.43	0.16	2.69	Carbon
ESM 1.3×19×80×34.5	1.3	19	80	34.5	261.74	30.43	0.15	2.69	Carbon
ESM 1.3×19×82.5×36.5	1.3	19	82.5	36.5	274.29	30.43	0.14	2.69	Carbon
ESM 1.3×19×85×38.5	1.3	19	85	38.5	286.84	30.43	0.14	2.69	Carbon
ESM 1.3×19×87.5×40.5	1.3	19	87.5	40.5	299.37	30.43	0.13	2.69	Carbon
ESM 1.3×19×90×42.5	1.3	19	90	42.5	311.87	30.43	0.13	2.69	Carbon
ESM 1.3×19×92.5×44.5	1.3	19	92.5	44.5	324.38	30.43	0.12	2.69	Carbon
ESM 1.3×19×95×46.5	1.3	19	95	46.5	336.79	30.43	0.11	2.69	Carbon
ESM 1.3×19×97.5×48.5	1.3	19	97.5	48.5	349.39	30.43	0.11	2.69	Carbon
ESM 1.3×19×100×50.5	1.3	19	100	50.5	361.88	30.43	0.11	2.69	Carbon
ESS 1.3×19×52.5×13.5	1.3	19	52.5	13.5	125.64	26.3	0.32	2.69	Stainless
ESS 1.3×19×55×15.5	1.3	19	55	15.5	138.37	26.3	0.28	2.69	Stainless
ESS 1.3×19×57.5×17.5	1.3	19	57.5	17.5	151.09	26.3	0.25	2.69	Stainless
ESS 1.3×19×60×19.5	1.3	19	60	19.5	163.84	26.3	0.23	2.69	Stainless
ESS 1.3×19×62.5×21.5	1.3	19	62.5	21.5	176.52	26.3	0.21	2.69	Stainless
ESS 1.3×19×65×23.5	1.3	19	65	23.5	189.29	26.3	0.19	2.69	Stainless
ESS 1.3×19×67.5×25.5	1.3	19	67.5	25.5	201.99	26.3	0.18	2.69	Stainless
ESS 1.3×19×70×27.5	1.3	19	70	27.5	214.71	26.3	0.16	2.69	Stainless
ESS 1.3×19×72.5×29.5	1.3	19	72.5	29.5	227.47	26.3	0.15	2.69	Stainless
ESS 1.3×19×75×31.5	1.3	19	75	31.5	240.17	26.3	0.14	2.69	Stainless
ESS 1.3×19×77.5×32.5	1.3	19	77.5	32.5	252.85	26.3	0.13	2.69	Stainless
ESS 1.3×19×80×34.5	1.3	19	80	34.5	265.7	26.3	0.13	2.69	Stainless
ESS 1.3×19×82.5×36.5	1.3	19	82.5	36.5	278.37	26.3	0.12	2.69	Stainless
ESS 1.3×19×85×38.5	1.3	19	85	38.5	291.14	26.3	0.11	2.69	Stainless
ESS 1.3×19×87.5×40.5	1.3	19	87.5	40.5	303.84	26.3	0.11	2.69	Stainless
ESS 1.3×19×90×42.5	1.3	19	90	42.5	316.51	26.3	0.1	2.69	Stainless
ESS 1.3×19×92.5×44.5	1.3	19	92.5	44.5	329.24	26.3	0.1	2.69	Stainless
ESS 1.3×19×95×46.5	1.3	19	95	46.5	341.89	26.3	0.1	2.69	Stainless
ESS 1.3×19×97.5×48.5	1.3	19	97.5	48.5	354.61	26.3	0.09	2.69	Stainless
ESS 1.3×19×100×50.5	1.3	19	100	50.5	367.6	26.3	0.09	2.69	Stainless
ESM 1.4×19×52.5×12.5	1.4	19	52.5	12.5	113.29	37.96	0.56	3.78	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.4×19×55×14.5	1.4	19	55	14.5	124.18	37.96	0.49	3.78	Carbon
ESM 1.4×19×57.5×16.5	1.4	19	57.5	16.5	135.06	37.96	0.44	3.78	Carbon
ESM 1.4×19×60×18.5	1.4	19	60	18.5	145.92	37.96	0.4	3.78	Carbon
ESM 1.4×19×62.5×20.5	1.4	19	62.5	20.5	156.82	37.96	0.36	3.78	Carbon
ESM 1.4×19×65×21.5	1.4	19	65	21.5	167.7	37.96	0.33	3.78	Carbon
ESM 1.4×19×67.5×23.5	1.4	19	67.5	23.5	178.58	37.96	0.31	3.78	Carbon
ESM 1.4×19×70×25.5	1.4	19	70	25.5	189.46	37.96	0.29	3.78	Carbon
ESM 1.4×19×72.5×27.5	1.4	19	72.5	27.5	200.31	37.96	0.27	3.78	Carbon
ESM 1.4×19×75×29.5	1.4	19	75	29.5	211.21	37.96	0.25	3.78	Carbon
ESM 1.4×19×77.5×30.5	1.4	19	77.5	30.5	222.06	37.96	0.24	3.78	Carbon
ESM 1.4×19×80×32.5	1.4	19	80	32.5	232.97	37.96	0.22	3.78	Carbon
ESM 1.4×19×82.5×34.5	1.4	19	82.5	34.5	243.85	37.96	0.21	3.78	Carbon
ESM 1.4×19×85×36.5	1.4	19	85	36.5	254.76	37.96	0.2	3.78	Carbon
ESM 1.4×19×87.5×37.5	1.4	19	87.5	37.5	265.57	37.96	0.19	3.78	Carbon
ESM 1.4×19×90×39.5	1.4	19	90	39.5	276.52	37.96	0.18	3.78	Carbon
ESM 1.4×19×92.5×41.5	1.4	19	92.5	41.5	287.31	37.96	0.18	3.78	Carbon
ESM 1.4×19×95×43.5	1.4	19	95	43.5	298.27	37.96	0.17	3.78	Carbon
ESM 1.4×19×97.5×45.5	1.4	19	97.5	45.5	309.07	37.96	0.16	3.78	Carbon
ESM 1.4×19×100×46.5	1.4	19	100	46.5	320.01	37.96	0.16	3.78	Carbon
ESS 1.4×19×52.5×12.5	1.4	19	52.5	12.5	114.39	32.78	0.47	3.78	Stainless
ESS 1.4×19×55×14.5	1.4	19	55	14.5	125.41	32.78	0.41	3.78	Stainless
ESS 1.4×19×57.5×16.5	1.4	19	57.5	16.5	136.44	32.78	0.37	3.78	Stainless
ESS 1.4×19×60×18.5	1.4	19	60	18.5	147.48	32.78	0.33	3.78	Stainless
ESS 1.4×19×62.5×20.5	1.4	19	62.5	20.5	158.5	32.78	0.3	3.78	Stainless
ESS 1.4×19×65×21.5	1.4	19	65	21.5	169.55	32.78	0.28	3.78	Stainless
ESS 1.4×19×67.5×23.5	1.4	19	67.5	23.5	180.56	32.78	0.26	3.78	Stainless
ESS 1.4×19×70×25.5	1.4	19	70	25.5	191.6	32.78	0.24	3.78	Stainless
ESS 1.4×19×72.5×27.5	1.4	19	72.5	27.5	202.61	32.78	0.22	3.78	Stainless
ESS 1.4×19×75×29.5	1.4	19	75	29.5	213.63	32.78	0.21	3.78	Stainless
ESS 1.4×19×77.5×30.5	1.4	19	77.5	30.5	224.64	32.78	0.2	3.78	Stainless
ESS 1.4×19×80×32.5	1.4	19	80	32.5	235.67	32.78	0.19	3.78	Stainless
ESS 1.4×19×82.5×34.5	1.4	19	82.5	34.5	246.72	32.78	0.18	3.78	Stainless
ESS 1.4×19×85×36.5	1.4	19	85	36.5	257.73	32.78	0.17	3.78	Stainless
ESS 1.4×19×87.5×37.5	1.4	19	87.5	37.5	268.76	32.78	0.16	3.78	Stainless
ESS 1.4×19×90×39.5	1.4	19	90	39.5	279.8	32.78	0.15	3.78	Stainless

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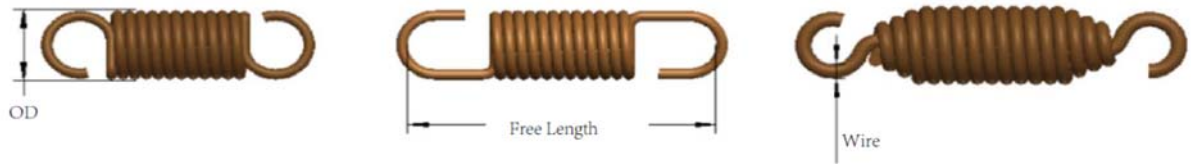
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×19×92.5×41.5	1.4	19	92.5	41.5	290.87	32.78	0.15	3.78	Stainless
ESS 1.4×19×95×43.5	1.4	19	95	43.5	301.85	32.78	0.14	3.78	Stainless
ESS 1.4×19×97.5×45.5	1.4	19	97.5	45.5	312.96	32.78	0.13	3.78	Stainless
ESS 1.4×19×100×46.5	1.4	19	100	46.5	323.95	32.78	0.13	3.78	Stainless
ESM 1.5×19×52.5×12.5	1.5	19	52.5	12.5	104.44	46.49	0.8	5.14	Carbon
ESM 1.5×19×55×13.5	1.5	19	55	13.5	114	46.49	0.7	5.14	Carbon
ESM 1.5×19×57.5×15.5	1.5	19	57.5	15.5	123.55	46.49	0.63	5.14	Carbon
ESM 1.5×19×60×17.5	1.5	19	60	17.5	133.11	46.49	0.57	5.14	Carbon
ESM 1.5×19×62.5×18.5	1.5	19	62.5	18.5	142.66	46.49	0.52	5.14	Carbon
ESM 1.5×19×65×20.5	1.5	19	65	20.5	152.21	46.49	0.47	5.14	Carbon
ESM 1.5×19×67.5×22.5	1.5	19	67.5	22.5	161.77	46.49	0.44	5.14	Carbon
ESM 1.5×19×70×23.5	1.5	19	70	23.5	171.34	46.49	0.41	5.14	Carbon
ESM 1.5×19×72.5×25.5	1.5	19	72.5	25.5	180.88	46.49	0.38	5.14	Carbon
ESM 1.5×19×75×27.5	1.5	19	75	27.5	190.46	46.49	0.36	5.14	Carbon
ESM 1.5×19×77.5×28.5	1.5	19	77.5	28.5	200	46.49	0.34	5.14	Carbon
ESM 1.5×19×80×30.5	1.5	19	80	30.5	209.56	46.49	0.32	5.14	Carbon
ESM 1.5×19×82.5×32.5	1.5	19	82.5	32.5	219.13	46.49	0.3	5.14	Carbon
ESM 1.5×19×85×33.5	1.5	19	85	33.5	228.65	46.49	0.29	5.14	Carbon
ESM 1.5×19×87.5×35.5	1.5	19	87.5	35.5	238.22	46.49	0.27	5.14	Carbon
ESM 1.5×19×90×37.5	1.5	19	90	37.5	247.79	46.49	0.26	5.14	Carbon
ESM 1.5×19×92.5×38.5	1.5	19	92.5	38.5	257.33	46.49	0.25	5.14	Carbon
ESM 1.5×19×95×40.5	1.5	19	95	40.5	266.89	46.49	0.24	5.14	Carbon
ESM 1.5×19×97.5×42.5	1.5	19	97.5	42.5	276.46	46.49	0.23	5.14	Carbon
ESM 1.5×19×100×43.5	1.5	19	100	43.5	286.04	46.49	0.22	5.14	Carbon
ESS 1.5×19×52.5×12.5	1.5	19	52.5	12.5	105.39	40.23	0.66	5.14	Stainless
ESS 1.5×19×55×13.5	1.5	19	55	13.5	115.07	40.23	0.58	5.14	Stainless
ESS 1.5×19×57.5×15.5	1.5	19	57.5	15.5	124.76	40.23	0.52	5.14	Stainless
ESS 1.5×19×60×17.5	1.5	19	60	17.5	134.45	40.23	0.47	5.14	Stainless
ESS 1.5×19×62.5×18.5	1.5	19	62.5	18.5	144.14	40.23	0.43	5.14	Stainless
ESS 1.5×19×65×20.5	1.5	19	65	20.5	153.83	40.23	0.4	5.14	Stainless
ESS 1.5×19×67.5×22.5	1.5	19	67.5	22.5	163.49	40.23	0.37	5.14	Stainless
ESS 1.5×19×70×23.5	1.5	19	70	23.5	173.19	40.23	0.34	5.14	Stainless
ESS 1.5×19×72.5×25.5	1.5	19	72.5	25.5	182.86	40.23	0.32	5.14	Stainless
ESS 1.5×19×75×27.5	1.5	19	75	27.5	192.57	40.23	0.3	5.14	Stainless
ESS 1.5×19×77.5×28.5	1.5	19	77.5	28.5	202.26	40.23	0.28	5.14	Stainless

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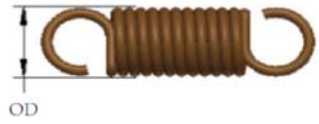
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×19×80×30.5	1.5	19	80	30.5	211.94	40.23	0.27	5.14	Stainless
ESS 1.5×19×82.5×32.5	1.5	19	82.5	32.5	221.6	40.23	0.25	5.14	Stainless
ESS 1.5×19×85×33.5	1.5	19	85	33.5	231.29	40.23	0.24	5.14	Stainless
ESS 1.5×19×87.5×35.5	1.5	19	87.5	35.5	241.02	40.23	0.23	5.14	Stainless
ESS 1.5×19×90×37.5	1.5	19	90	37.5	250.69	40.23	0.22	5.14	Stainless
ESS 1.5×19×92.5×38.5	1.5	19	92.5	38.5	260.34	40.23	0.21	5.14	Stainless
ESS 1.5×19×95×40.5	1.5	19	95	40.5	270.04	40.23	0.2	5.14	Stainless
ESS 1.5×19×97.5×42.5	1.5	19	97.5	42.5	279.72	40.23	0.19	5.14	Stainless
ESS 1.5×19×100×43.5	1.5	19	100	43.5	289.4	40.23	0.19	5.14	Stainless
ESM 1.6×19×52.5×11.5	1.6	19	52.5	11.5	97.43	56.37	1.1	6.81	Carbon
ESM 1.6×19×55×13.5	1.6	19	55	13.5	105.95	56.37	0.97	6.81	Carbon
ESM 1.6×19×57.5×14.5	1.6	19	57.5	14.5	114.47	56.37	0.87	6.81	Carbon
ESM 1.6×19×60×16.5	1.6	19	60	16.5	122.98	56.37	0.79	6.81	Carbon
ESM 1.6×19×62.5×17.5	1.6	19	62.5	17.5	131.5	56.37	0.72	6.81	Carbon
ESM 1.6×19×65×19.5	1.6	19	65	19.5	140.03	56.37	0.66	6.81	Carbon
ESM 1.6×19×67.5×21.5	1.6	19	67.5	21.5	148.54	56.37	0.61	6.81	Carbon
ESM 1.6×19×70×22.5	1.6	19	70	22.5	157.06	56.37	0.57	6.81	Carbon
ESM 1.6×19×72.5×24.5	1.6	19	72.5	24.5	165.58	56.37	0.53	6.81	Carbon
ESM 1.6×19×75×25.5	1.6	19	75	25.5	174.09	56.37	0.5	6.81	Carbon
ESM 1.6×19×77.5×27.5	1.6	19	77.5	27.5	182.62	56.37	0.47	6.81	Carbon
ESM 1.6×19×80×28.5	1.6	19	80	28.5	191.14	56.37	0.45	6.81	Carbon
ESM 1.6×19×82.5×30.5	1.6	19	82.5	30.5	199.65	56.37	0.42	6.81	Carbon
ESM 1.6×19×85×31.5	1.6	19	85	31.5	208.18	56.37	0.4	6.81	Carbon
ESM 1.6×19×87.5×33.5	1.6	19	87.5	33.5	216.68	56.37	0.38	6.81	Carbon
ESM 1.6×19×90×35.5	1.6	19	90	35.5	225.21	56.37	0.37	6.81	Carbon
ESM 1.6×19×92.5×36.5	1.6	19	92.5	36.5	233.72	56.37	0.35	6.81	Carbon
ESM 1.6×19×95×38.5	1.6	19	95	38.5	242.27	56.37	0.34	6.81	Carbon
ESM 1.6×19×97.5×39.5	1.6	19	97.5	39.5	250.78	56.37	0.32	6.81	Carbon
ESM 1.6×19×100×41.5	1.6	19	100	41.5	259.29	56.37	0.31	6.81	Carbon
ESS 1.6×19×52.5×11.5	1.6	19	52.5	11.5	98.1	48.72	0.92	6.81	Stainless
ESS 1.6×19×55×13.5	1.6	19	55	13.5	106.71	48.72	0.81	6.81	Stainless
ESS 1.6×19×57.5×14.5	1.6	19	57.5	14.5	115.32	48.72	0.72	6.81	Stainless
ESS 1.6×19×60×16.5	1.6	19	60	16.5	123.92	48.72	0.66	6.81	Stainless
ESS 1.6×19×62.5×17.5	1.6	19	62.5	17.5	132.53	48.72	0.6	6.81	Stainless
ESS 1.6×19×65×19.5	1.6	19	65	19.5	141.15	48.72	0.55	6.81	Stainless

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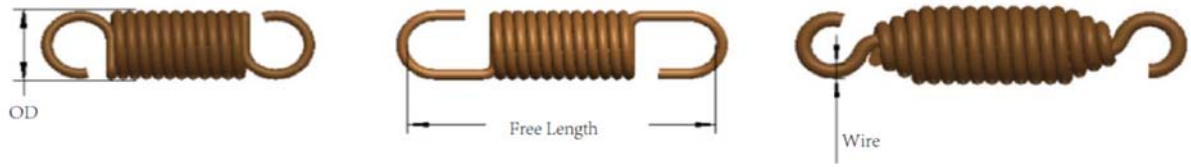
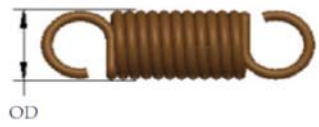
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.6×19×67.5×21.5	1.6	19	67.5	21.5	149.75	48.72	0.51	6.81	Stainless
ESS 1.6×19×70×22.5	1.6	19	70	22.5	158.37	48.72	0.47	6.81	Stainless
ESS 1.6×19×72.5×24.5	1.6	19	72.5	24.5	166.96	48.72	0.44	6.81	Stainless
ESS 1.6×19×75×25.5	1.6	19	75	25.5	175.58	48.72	0.42	6.81	Stainless
ESS 1.6×19×77.5×27.5	1.6	19	77.5	27.5	184.17	48.72	0.39	6.81	Stainless
ESS 1.6×19×80×28.5	1.6	19	80	28.5	192.79	48.72	0.37	6.81	Stainless
ESS 1.6×19×82.5×30.5	1.6	19	82.5	30.5	201.4	48.72	0.35	6.81	Stainless
ESS 1.6×19×85×31.5	1.6	19	85	31.5	210	48.72	0.34	6.81	Stainless
ESS 1.6×19×87.5×33.5	1.6	19	87.5	33.5	218.64	48.72	0.32	6.81	Stainless
ESS 1.6×19×90×35.5	1.6	19	90	35.5	227.24	48.72	0.31	6.81	Stainless
ESS 1.6×19×92.5×36.5	1.6	19	92.5	36.5	235.84	48.72	0.29	6.81	Stainless
ESS 1.6×19×95×38.5	1.6	19	95	38.5	244.47	48.72	0.28	6.81	Stainless
ESS 1.6×19×97.5×39.5	1.6	19	97.5	39.5	253.08	48.72	0.27	6.81	Stainless
ESS 1.6×19×100×41.5	1.6	19	100	41.5	261.64	48.72	0.26	6.81	Stainless
ESM 1.7×19×52.5×11.5	1.7	19	52.5	11.5	91.67	67.54	1.5	8.84	Carbon
ESM 1.7×19×55×12.5	1.7	19	55	12.5	99.34	67.54	1.32	8.84	Carbon
ESM 1.7×19×57.5×14.5	1.7	19	57.5	14.5	107.01	67.54	1.19	8.84	Carbon
ESM 1.7×19×60×15.5	1.7	19	60	15.5	114.69	67.54	1.07	8.84	Carbon
ESM 1.7×19×62.5×17.5	1.7	19	62.5	17.5	122.36	67.54	0.98	8.84	Carbon
ESM 1.7×19×65×18.5	1.7	19	65	18.5	130.04	67.54	0.9	8.84	Carbon
ESM 1.7×19×67.5×19.5	1.7	19	67.5	19.5	137.71	67.54	0.84	8.84	Carbon
ESM 1.7×19×70×21.5	1.7	19	70	21.5	145.39	67.54	0.78	8.84	Carbon
ESM 1.7×19×72.5×22.5	1.7	19	72.5	22.5	153.06	67.54	0.73	8.84	Carbon
ESM 1.7×19×75×24.5	1.7	19	75	24.5	160.74	67.54	0.68	8.84	Carbon
ESM 1.7×19×77.5×25.5	1.7	19	77.5	25.5	168.42	67.54	0.65	8.84	Carbon
ESM 1.7×19×80×27.5	1.7	19	80	27.5	176.08	67.54	0.61	8.84	Carbon
ESM 1.7×19×82.5×28.5	1.7	19	82.5	28.5	183.77	67.54	0.58	8.84	Carbon
ESM 1.7×19×85×30.5	1.7	19	85	30.5	191.43	67.54	0.55	8.84	Carbon
ESM 1.7×19×87.5×31.5	1.7	19	87.5	31.5	199.11	67.54	0.53	8.84	Carbon
ESM 1.7×19×90×33.5	1.7	19	90	33.5	206.79	67.54	0.5	8.84	Carbon
ESM 1.7×19×92.5×34.5	1.7	19	92.5	34.5	214.45	67.54	0.48	8.84	Carbon
ESM 1.7×19×95×36.5	1.7	19	95	36.5	222.13	67.54	0.46	8.84	Carbon
ESM 1.7×19×97.5×37.5	1.7	19	97.5	37.5	229.82	67.54	0.44	8.84	Carbon
ESM 1.7×19×100×39.5	1.7	19	100	39.5	237.5	67.54	0.43	8.84	Carbon
ESS 1.7×19×52.5×11.5	1.7	19	52.5	11.5	92.11	58.32	1.25	8.84	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

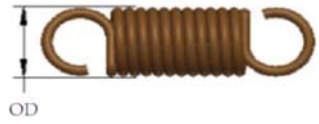






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.7×19×55×12.5	1.7	19	55	12.5	99.85	58.32	1.1	8.84	Stainless
ESS 1.7×19×57.5×14.5	1.7	19	57.5	14.5	107.58	58.32	0.99	8.84	Stainless
ESS 1.7×19×60×15.5	1.7	19	60	15.5	115.32	58.32	0.89	8.84	Stainless
ESS 1.7×19×62.5×17.5	1.7	19	62.5	17.5	123.05	58.32	0.82	8.84	Stainless
ESS 1.7×19×65×18.5	1.7	19	65	18.5	130.78	58.32	0.75	8.84	Stainless
ESS 1.7×19×67.5×19.5	1.7	19	67.5	19.5	138.53	58.32	0.7	8.84	Stainless
ESS 1.7×19×70×21.5	1.7	19	70	21.5	146.26	58.32	0.65	8.84	Stainless
ESS 1.7×19×72.5×22.5	1.7	19	72.5	22.5	154	58.32	0.61	8.84	Stainless
ESS 1.7×19×75×24.5	1.7	19	75	24.5	161.72	58.32	0.57	8.84	Stainless
ESS 1.7×19×77.5×25.5	1.7	19	77.5	25.5	169.46	58.32	0.54	8.84	Stainless
ESS 1.7×19×80×27.5	1.7	19	80	27.5	177.18	58.32	0.51	8.84	Stainless
ESS 1.7×19×82.5×28.5	1.7	19	82.5	28.5	184.94	58.32	0.48	8.84	Stainless
ESS 1.7×19×85×30.5	1.7	19	85	30.5	192.65	58.32	0.46	8.84	Stainless
ESS 1.7×19×87.5×31.5	1.7	19	87.5	31.5	200.41	58.32	0.44	8.84	Stainless
ESS 1.7×19×90×33.5	1.7	19	90	33.5	208.14	58.32	0.42	8.84	Stainless
ESS 1.7×19×92.5×34.5	1.7	19	92.5	34.5	215.85	58.32	0.4	8.84	Stainless
ESS 1.7×19×95×36.5	1.7	19	95	36.5	223.61	58.32	0.38	8.84	Stainless
ESS 1.7×19×97.5×37.5	1.7	19	97.5	37.5	231.33	58.32	0.37	8.84	Stainless
ESS 1.7×19×100×39.5	1.7	19	100	39.5	239.06	58.32	0.36	8.84	Stainless
ESM 1.8×19×52.5×10.5	1.8	19	52.5	10.5	86.88	80.09	2	11.27	Carbon
ESM 1.8×19×55×12.5	1.8	19	55	12.5	93.86	80.09	1.77	11.27	Carbon
ESM 1.8×19×57.5×13.5	1.8	19	57.5	13.5	100.83	80.09	1.59	11.27	Carbon
ESM 1.8×19×60×14.5	1.8	19	60	14.5	107.82	80.09	1.44	11.27	Carbon
ESM 1.8×19×62.5×16.5	1.8	19	62.5	16.5	114.8	80.09	1.32	11.27	Carbon
ESM 1.8×19×65×17.5	1.8	19	65	17.5	121.78	80.09	1.21	11.27	Carbon
ESM 1.8×19×67.5×18.5	1.8	19	67.5	18.5	128.76	80.09	1.12	11.27	Carbon
ESM 1.8×19×70×20.5	1.8	19	70	20.5	135.74	80.09	1.05	11.27	Carbon
ESM 1.8×19×72.5×21.5	1.8	19	72.5	21.5	142.72	80.09	0.98	11.27	Carbon
ESM 1.8×19×75×23.5	1.8	19	75	23.5	149.7	80.09	0.92	11.27	Carbon
ESM 1.8×19×77.5×24.5	1.8	19	77.5	24.5	156.68	80.09	0.87	11.27	Carbon
ESM 1.8×19×80×25.5	1.8	19	80	25.5	163.66	80.09	0.82	11.27	Carbon
ESM 1.8×19×82.5×27.5	1.8	19	82.5	27.5	170.64	80.09	0.78	11.27	Carbon
ESM 1.8×19×85×28.5	1.8	19	85	28.5	177.62	80.09	0.74	11.27	Carbon
ESM 1.8×19×87.5×30.5	1.8	19	87.5	30.5	184.61	80.09	0.71	11.27	Carbon
ESM 1.8×19×90×31.5	1.8	19	90	31.5	191.58	80.09	0.68	11.27	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

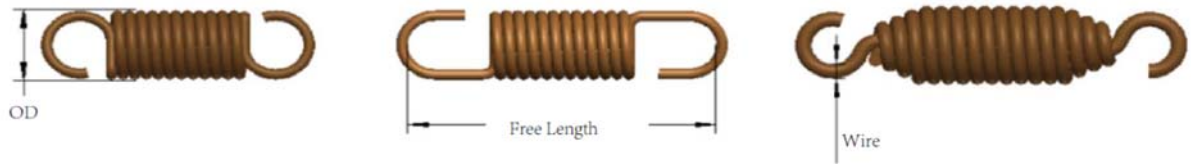






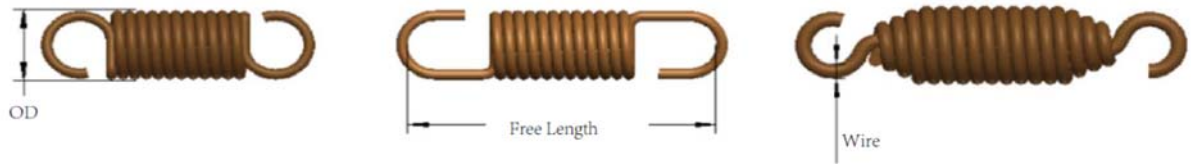
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×19×92.5×32.5	1.8	19	92.5	32.5	198.56	80.09	0.65	11.27	Carbon
ESM 1.8×19×95×34.5	1.8	19	95	34.5	205.54	80.09	0.62	11.27	Carbon
ESM 1.8×19×97.5×35.5	1.8	19	97.5	35.5	212.53	80.09	0.6	11.27	Carbon
ESM 1.8×19×100×37.5	1.8	19	100	37.5	219.5	80.09	0.58	11.27	Carbon
ESS 1.8×19×52.5×10.5	1.8	19	52.5	10.5	87.15	69.08	1.67	11.27	Stainless
ESS 1.8×19×55×12.5	1.8	19	55	12.5	94.17	69.08	1.48	11.27	Stainless
ESS 1.8×19×57.5×13.5	1.8	19	57.5	13.5	101.18	69.08	1.32	11.27	Stainless
ESS 1.8×19×60×14.5	1.8	19	60	14.5	108.2	69.08	1.2	11.27	Stainless
ESS 1.8×19×62.5×16.5	1.8	19	62.5	16.5	115.22	69.08	1.1	11.27	Stainless
ESS 1.8×19×65×17.5	1.8	19	65	17.5	122.23	69.08	1.01	11.27	Stainless
ESS 1.8×19×67.5×18.5	1.8	19	67.5	18.5	129.25	69.08	0.94	11.27	Stainless
ESS 1.8×19×70×20.5	1.8	19	70	20.5	136.27	69.08	0.87	11.27	Stainless
ESS 1.8×19×72.5×21.5	1.8	19	72.5	21.5	143.29	69.08	0.82	11.27	Stainless
ESS 1.8×19×75×23.5	1.8	19	75	23.5	150.3	69.08	0.77	11.27	Stainless
ESS 1.8×19×77.5×24.5	1.8	19	77.5	24.5	157.32	69.08	0.72	11.27	Stainless
ESS 1.8×19×80×25.5	1.8	19	80	25.5	164.33	69.08	0.69	11.27	Stainless
ESS 1.8×19×82.5×27.5	1.8	19	82.5	27.5	171.34	69.08	0.65	11.27	Stainless
ESS 1.8×19×85×28.5	1.8	19	85	28.5	178.36	69.08	0.62	11.27	Stainless
ESS 1.8×19×87.5×30.5	1.8	19	87.5	30.5	185.39	69.08	0.59	11.27	Stainless
ESS 1.8×19×90×31.5	1.8	19	90	31.5	192.39	69.08	0.56	11.27	Stainless
ESS 1.8×19×92.5×32.5	1.8	19	92.5	32.5	199.42	69.08	0.54	11.27	Stainless
ESS 1.8×19×95×34.5	1.8	19	95	34.5	206.43	69.08	0.52	11.27	Stainless
ESS 1.8×19×97.5×35.5	1.8	19	97.5	35.5	213.45	69.08	0.5	11.27	Stainless
ESS 1.8×19×100×37.5	1.8	19	100	37.5	220.47	69.08	0.48	11.27	Stainless
ESM 1.9×19×52.5×10.5	1.9	19	52.5	10.5	82.73	93.77	2.63	14.13	Carbon
ESM 1.9×19×55×11.5	1.9	19	55	11.5	89.12	93.77	2.33	14.13	Carbon
ESM 1.9×19×57.5×12.5	1.9	19	57.5	12.5	95.51	93.77	2.1	14.13	Carbon
ESM 1.9×19×60×14.5	1.9	19	60	14.5	101.9	93.77	1.9	14.13	Carbon
ESM 1.9×19×62.5×15.5	1.9	19	62.5	15.5	108.29	93.77	1.74	14.13	Carbon
ESM 1.9×19×65×16.5	1.9	19	65	16.5	114.67	93.77	1.6	14.13	Carbon
ESM 1.9×19×67.5×18.5	1.9	19	67.5	18.5	121.06	93.77	1.49	14.13	Carbon
ESM 1.9×19×70×19.5	1.9	19	70	19.5	127.45	93.77	1.39	14.13	Carbon
ESM 1.9×19×72.5×20.5	1.9	19	72.5	20.5	133.84	93.77	1.3	14.13	Carbon
ESM 1.9×19×75×22.5	1.9	19	75	22.5	140.23	93.77	1.22	14.13	Carbon
ESM 1.9×19×77.5×23.5	1.9	19	77.5	23.5	146.61	93.77	1.15	14.13	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



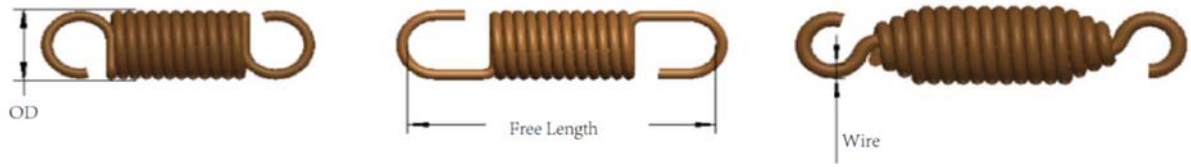
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.9×19×80×24.5	1.9	19	80	24.5	153	93.77	1.09	14.13	Carbon
ESM 1.9×19×82.5×26.5	1.9	19	82.5	26.5	159.39	93.77	1.04	14.13	Carbon
ESM 1.9×19×85×27.5	1.9	19	85	27.5	165.77	93.77	0.99	14.13	Carbon
ESM 1.9×19×87.5×28.5	1.9	19	87.5	28.5	172.16	93.77	0.94	14.13	Carbon
ESM 1.9×19×90×29.5	1.9	19	90	29.5	178.55	93.77	0.9	14.13	Carbon
ESM 1.9×19×92.5×31.5	1.9	19	92.5	31.5	184.94	93.77	0.86	14.13	Carbon
ESM 1.9×19×95×32.5	1.9	19	95	32.5	191.33	93.77	0.83	14.13	Carbon
ESM 1.9×19×97.5×33.5	1.9	19	97.5	33.5	197.72	93.77	0.79	14.13	Carbon
ESM 1.9×19×100×35.5	1.9	19	100	35.5	204.1	93.77	0.77	14.13	Carbon
ESS 1.9×19×52.5×10.5	1.9	19	52.5	10.5	82.99	81.07	2.2	14.13	Stainless
ESS 1.9×19×55×11.5	1.9	19	55	11.5	89.42	81.07	1.94	14.13	Stainless
ESS 1.9×19×57.5×12.5	1.9	19	57.5	12.5	95.84	81.07	1.75	14.13	Stainless
ESS 1.9×19×60×14.5	1.9	19	60	14.5	102.26	81.07	1.58	14.13	Stainless
ESS 1.9×19×62.5×15.5	1.9	19	62.5	15.5	108.68	81.07	1.45	14.13	Stainless
ESS 1.9×19×65×16.5	1.9	19	65	16.5	115.1	81.07	1.34	14.13	Stainless
ESS 1.9×19×67.5×18.5	1.9	19	67.5	18.5	121.53	81.07	1.24	14.13	Stainless
ESS 1.9×19×70×19.5	1.9	19	70	19.5	127.94	81.07	1.16	14.13	Stainless
ESS 1.9×19×72.5×20.5	1.9	19	72.5	20.5	134.37	81.07	1.08	14.13	Stainless
ESS 1.9×19×75×22.5	1.9	19	75	22.5	140.79	81.07	1.02	14.13	Stainless
ESS 1.9×19×77.5×23.5	1.9	19	77.5	23.5	147.21	81.07	0.96	14.13	Stainless
ESS 1.9×19×80×24.5	1.9	19	80	24.5	153.63	81.07	0.91	14.13	Stainless
ESS 1.9×19×82.5×26.5	1.9	19	82.5	26.5	160.05	81.07	0.86	14.13	Stainless
ESS 1.9×19×85×27.5	1.9	19	85	27.5	166.47	81.07	0.82	14.13	Stainless
ESS 1.9×19×87.5×28.5	1.9	19	87.5	28.5	172.9	81.07	0.78	14.13	Stainless
ESS 1.9×19×90×29.5	1.9	19	90	29.5	179.32	81.07	0.75	14.13	Stainless
ESS 1.9×19×92.5×31.5	1.9	19	92.5	31.5	185.74	81.07	0.72	14.13	Stainless
ESS 1.9×19×95×32.5	1.9	19	95	32.5	192.17	81.07	0.69	14.13	Stainless
ESS 1.9×19×97.5×33.5	1.9	19	97.5	33.5	198.58	81.07	0.66	14.13	Stainless
ESS 1.9×19×100×35.5	1.9	19	100	35.5	205	81.07	0.64	14.13	Stainless
ESM 2×19×52.5×9.5	2	19	52.5	9.5	79.34	109.24	3.42	17.47	Carbon
ESM 2×19×55×11.5	2	19	55	11.5	85.25	109.24	3.03	17.47	Carbon
ESM 2×19×57.5×12.5	2	19	57.5	12.5	91.16	109.24	2.73	17.47	Carbon
ESM 2×19×60×13.5	2	19	60	13.5	97.06	109.24	2.48	17.47	Carbon
ESM 2×19×62.5×14.5	2	19	62.5	14.5	102.97	109.24	2.27	17.47	Carbon
ESM 2×19×65×16.5	2	19	65	16.5	108.87	109.24	2.09	17.47	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



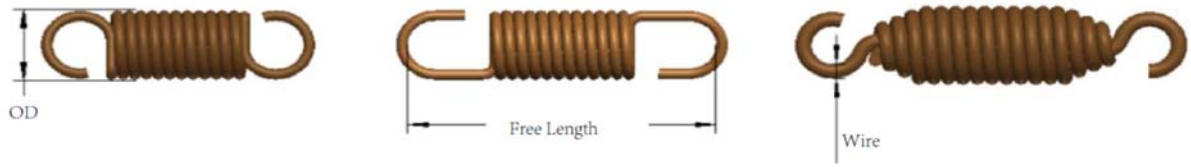
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2×19×67.5×17.5	2	19	67.5	17.5	114.78	109.24	1.94	17.47	Carbon
ESM 2×19×70×18.5	2	19	70	18.5	120.69	109.24	1.81	17.47	Carbon
ESM 2×19×72.5×19.5	2	19	72.5	19.5	126.59	109.24	1.7	17.47	Carbon
ESM 2×19×75×21.5	2	19	75	21.5	132.5	109.24	1.6	17.47	Carbon
ESM 2×19×77.5×22.5	2	19	77.5	22.5	138.41	109.24	1.51	17.47	Carbon
ESM 2×19×80×23.5	2	19	80	23.5	144.31	109.24	1.43	17.47	Carbon
ESM 2×19×82.5×24.5	2	19	82.5	24.5	150.22	109.24	1.36	17.47	Carbon
ESM 2×19×85×26.5	2	19	85	26.5	156.12	109.24	1.29	17.47	Carbon
ESM 2×19×87.5×27.5	2	19	87.5	27.5	162.03	109.24	1.23	17.47	Carbon
ESM 2×19×90×28.5	2	19	90	28.5	167.94	109.24	1.18	17.47	Carbon
ESM 2×19×92.5×29.5	2	19	92.5	29.5	173.84	109.24	1.13	17.47	Carbon
ESM 2×19×95×31.5	2	19	95	31.5	179.75	109.24	1.08	17.47	Carbon
ESM 2×19×97.5×32.5	2	19	97.5	32.5	185.66	109.24	1.04	17.47	Carbon
ESM 2×19×100×33.5	2	19	100	33.5	191.56	109.24	1	17.47	Carbon
ESS 2×19×52.5×9.5	2	19	52.5	9.5	79.48	94.35	2.85	17.47	Stainless
ESS 2×19×55×11.5	2	19	55	11.5	85.41	94.35	2.53	17.47	Stainless
ESS 2×19×57.5×12.5	2	19	57.5	12.5	91.33	94.35	2.27	17.47	Stainless
ESS 2×19×60×13.5	2	19	60	13.5	97.25	94.35	2.06	17.47	Stainless
ESS 2×19×62.5×14.5	2	19	62.5	14.5	103.18	94.35	1.89	17.47	Stainless
ESS 2×19×65×16.5	2	19	65	16.5	109.1	94.35	1.74	17.47	Stainless
ESS 2×19×67.5×17.5	2	19	67.5	17.5	115.03	94.35	1.62	17.47	Stainless
ESS 2×19×70×18.5	2	19	70	18.5	120.95	94.35	1.51	17.47	Stainless
ESS 2×19×72.5×19.5	2	19	72.5	19.5	126.87	94.35	1.41	17.47	Stainless
ESS 2×19×75×21.5	2	19	75	21.5	132.8	94.35	1.33	17.47	Stainless
ESS 2×19×77.5×22.5	2	19	77.5	22.5	138.72	94.35	1.26	17.47	Stainless
ESS 2×19×80×23.5	2	19	80	23.5	144.65	94.35	1.19	17.47	Stainless
ESS 2×19×82.5×24.5	2	19	82.5	24.5	150.57	94.35	1.13	17.47	Stainless
ESS 2×19×85×26.5	2	19	85	26.5	156.5	94.35	1.08	17.47	Stainless
ESS 2×19×87.5×27.5	2	19	87.5	27.5	162.42	94.35	1.03	17.47	Stainless
ESS 2×19×90×28.5	2	19	90	28.5	168.35	94.35	0.98	17.47	Stainless
ESS 2×19×92.5×29.5	2	19	92.5	29.5	174.27	94.35	0.94	17.47	Stainless
ESS 2×19×95×31.5	2	19	95	31.5	180.19	94.35	0.9	17.47	Stainless
ESS 2×19×97.5×32.5	2	19	97.5	32.5	186.12	94.35	0.87	17.47	Stainless
ESS 2×19×100×33.5	2	19	100	33.5	192.04	94.35	0.84	17.47	Stainless
ESM 2.1×19×52.5×9.5	2.1	19	52.5	9.5	76.45	126.32	4.38	21.34	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×19×55×10.5	2.1	19	55	10.5	81.95	126.32	3.9	21.34	Carbon
ESM 2.1×19×57.5×11.5	2.1	19	57.5	11.5	87.45	126.32	3.51	21.34	Carbon
ESM 2.1×19×60×13.5	2.1	19	60	13.5	92.95	126.32	3.19	21.34	Carbon
ESM 2.1×19×62.5×14.5	2.1	19	62.5	14.5	98.45	126.32	2.92	21.34	Carbon
ESM 2.1×19×65×15.5	2.1	19	65	15.5	103.95	126.32	2.7	21.34	Carbon
ESM 2.1×19×67.5×16.5	2.1	19	67.5	16.5	109.45	126.32	2.5	21.34	Carbon
ESM 2.1×19×70×17.5	2.1	19	70	17.5	114.95	126.32	2.34	21.34	Carbon
ESM 2.1×19×72.5×19.5	2.1	19	72.5	19.5	120.45	126.32	2.19	21.34	Carbon
ESM 2.1×19×75×20.5	2.1	19	75	20.5	125.95	126.32	2.06	21.34	Carbon
ESM 2.1×19×77.5×21.5	2.1	19	77.5	21.5	131.45	126.32	1.95	21.34	Carbon
ESM 2.1×19×80×22.5	2.1	19	80	22.5	136.95	126.32	1.84	21.34	Carbon
ESM 2.1×19×82.5×23.5	2.1	19	82.5	23.5	142.45	126.32	1.75	21.34	Carbon
ESM 2.1×19×85×24.5	2.1	19	85	24.5	147.95	126.32	1.67	21.34	Carbon
ESM 2.1×19×87.5×26.5	2.1	19	87.5	26.5	153.45	126.32	1.59	21.34	Carbon
ESM 2.1×19×90×27.5	2.1	19	90	27.5	158.95	126.32	1.52	21.34	Carbon
ESM 2.1×19×92.5×28.5	2.1	19	92.5	28.5	164.45	126.32	1.46	21.34	Carbon
ESM 2.1×19×95×29.5	2.1	19	95	29.5	169.95	126.32	1.4	21.34	Carbon
ESM 2.1×19×97.5×30.5	2.1	19	97.5	30.5	175.45	126.32	1.35	21.34	Carbon
ESM 2.1×19×100×32.5	2.1	19	100	32.5	180.94	126.32	1.3	21.34	Carbon
ESS 2.1×19×52.5×9.5	2.1	19	52.5	9.5	76.49	108.97	3.65	21.34	Stainless
ESS 2.1×19×55×10.5	2.1	19	55	10.5	82	108.97	3.25	21.34	Stainless
ESS 2.1×19×57.5×11.5	2.1	19	57.5	11.5	87.5	108.97	2.92	21.34	Stainless
ESS 2.1×19×60×13.5	2.1	19	60	13.5	93.01	108.97	2.66	21.34	Stainless
ESS 2.1×19×62.5×14.5	2.1	19	62.5	14.5	98.51	108.97	2.43	21.34	Stainless
ESS 2.1×19×65×15.5	2.1	19	65	15.5	104.02	108.97	2.25	21.34	Stainless
ESS 2.1×19×67.5×16.5	2.1	19	67.5	16.5	109.52	108.97	2.09	21.34	Stainless
ESS 2.1×19×70×17.5	2.1	19	70	17.5	115.03	108.97	1.95	21.34	Stainless
ESS 2.1×19×72.5×19.5	2.1	19	72.5	19.5	120.53	108.97	1.82	21.34	Stainless
ESS 2.1×19×75×20.5	2.1	19	75	20.5	126.04	108.97	1.72	21.34	Stainless
ESS 2.1×19×77.5×21.5	2.1	19	77.5	21.5	131.54	108.97	1.62	21.34	Stainless
ESS 2.1×19×80×22.5	2.1	19	80	22.5	137.04	108.97	1.54	21.34	Stainless
ESS 2.1×19×82.5×23.5	2.1	19	82.5	23.5	142.55	108.97	1.46	21.34	Stainless
ESS 2.1×19×85×24.5	2.1	19	85	24.5	148.05	108.97	1.39	21.34	Stainless
ESS 2.1×19×87.5×26.5	2.1	19	87.5	26.5	153.56	108.97	1.33	21.34	Stainless
ESS 2.1×19×90×27.5	2.1	19	90	27.5	159.07	108.97	1.27	21.34	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×19×92.5×28.5	2.1	19	92.5	28.5	164.57	108.97	1.22	21.34	Stainless
ESS 2.1×19×95×29.5	2.1	19	95	29.5	170.08	108.97	1.17	21.34	Stainless
ESS 2.1×19×97.5×30.5	2.1	19	97.5	30.5	175.58	108.97	1.12	21.34	Stainless
ESS 2.1×19×100×32.5	2.1	19	100	32.5	181.09	108.97	1.08	21.34	Stainless
ESM 2.2×19×52.5×9.5	2.2	19	52.5	9.5	73.87	144.56	5.56	25.77	Carbon
ESM 2.2×19×55×10.5	2.2	19	55	10.5	79.01	144.56	4.95	25.77	Carbon
ESM 2.2×19×57.5×11.5	2.2	19	57.5	11.5	84.16	144.56	4.46	25.77	Carbon
ESM 2.2×19×60×12.5	2.2	19	60	12.5	89.3	144.56	4.05	25.77	Carbon
ESM 2.2×19×62.5×13.5	2.2	19	62.5	13.5	94.44	144.56	3.72	25.77	Carbon
ESM 2.2×19×65×14.5	2.2	19	65	14.5	99.58	144.56	3.43	25.77	Carbon
ESM 2.2×19×67.5×16.5	2.2	19	67.5	16.5	104.73	144.56	3.19	25.77	Carbon
ESM 2.2×19×70×17.5	2.2	19	70	17.5	109.87	144.56	2.98	25.77	Carbon
ESM 2.2×19×72.5×18.5	2.2	19	72.5	18.5	115.01	144.56	2.79	25.77	Carbon
ESM 2.2×19×75×19.5	2.2	19	75	19.5	120.15	144.56	2.63	25.77	Carbon
ESM 2.2×19×77.5×20.5	2.2	19	77.5	20.5	125.3	144.56	2.49	25.77	Carbon
ESM 2.2×19×80×21.5	2.2	19	80	21.5	130.44	144.56	2.36	25.77	Carbon
ESM 2.2×19×82.5×22.5	2.2	19	82.5	22.5	135.58	144.56	2.24	25.77	Carbon
ESM 2.2×19×85×23.5	2.2	19	85	23.5	140.73	144.56	2.13	25.77	Carbon
ESM 2.2×19×87.5×25.5	2.2	19	87.5	25.5	145.87	144.56	2.04	25.77	Carbon
ESM 2.2×19×90×26.5	2.2	19	90	26.5	151.01	144.56	1.95	25.77	Carbon
ESM 2.2×19×92.5×27.5	2.2	19	92.5	27.5	156.15	144.56	1.87	25.77	Carbon
ESM 2.2×19×95×28.5	2.2	19	95	28.5	161.3	144.56	1.79	25.77	Carbon
ESM 2.2×19×97.5×29.5	2.2	19	97.5	29.5	166.43	144.56	1.72	25.77	Carbon
ESM 2.2×19×100×30.5	2.2	19	100	30.5	171.58	144.56	1.66	25.77	Carbon
ESS 2.2×19×52.5×9.5	2.2	19	52.5	9.5	73.93	125.01	4.63	25.77	Stainless
ESS 2.2×19×55×10.5	2.2	19	55	10.5	79.08	125.01	4.12	25.77	Stainless
ESS 2.2×19×57.5×11.5	2.2	19	57.5	11.5	84.22	125.01	3.71	25.77	Stainless
ESS 2.2×19×60×12.5	2.2	19	60	12.5	89.37	125.01	3.38	25.77	Stainless
ESS 2.2×19×62.5×13.5	2.2	19	62.5	13.5	94.52	125.01	3.1	25.77	Stainless
ESS 2.2×19×65×14.5	2.2	19	65	14.5	99.67	125.01	2.86	25.77	Stainless
ESS 2.2×19×67.5×16.5	2.2	19	67.5	16.5	104.82	125.01	2.66	25.77	Stainless
ESS 2.2×19×70×17.5	2.2	19	70	17.5	109.97	125.01	2.48	25.77	Stainless
ESS 2.2×19×72.5×18.5	2.2	19	72.5	18.5	115.12	125.01	2.33	25.77	Stainless
ESS 2.2×19×75×19.5	2.2	19	75	19.5	120.27	125.01	2.19	25.77	Stainless
ESS 2.2×19×77.5×20.5	2.2	19	77.5	20.5	125.42	125.01	2.07	25.77	Stainless

M: Carbon Steel;
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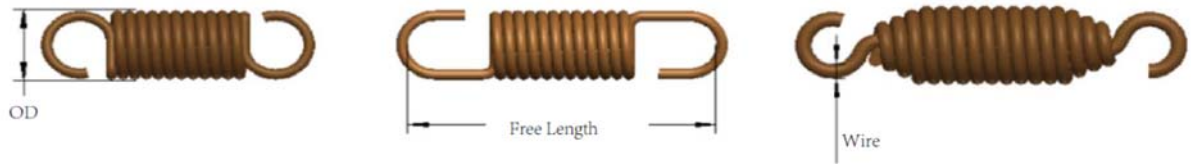
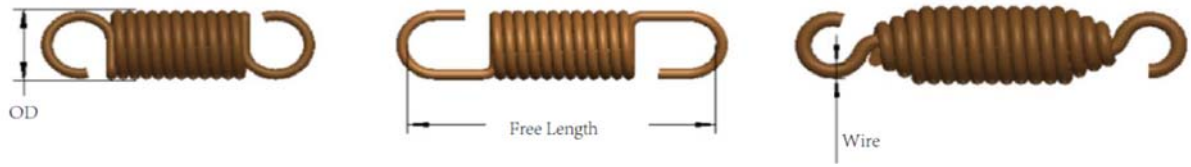
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.2×19×80×21.5	2.2	19	80	21.5	130.57	125.01	1.96	25.77	Stainless
ESS 2.2×19×82.5×22.5	2.2	19	82.5	22.5	135.71	125.01	1.87	25.77	Stainless
ESS 2.2×19×85×23.5	2.2	19	85	23.5	140.87	125.01	1.78	25.77	Stainless
ESS 2.2×19×87.5×25.5	2.2	19	87.5	25.5	146.01	125.01	1.7	25.77	Stainless
ESS 2.2×19×90×26.5	2.2	19	90	26.5	151.16	125.01	1.62	25.77	Stainless
ESS 2.2×19×92.5×27.5	2.2	19	92.5	27.5	156.31	125.01	1.56	25.77	Stainless
ESS 2.2×19×95×28.5	2.2	19	95	28.5	161.46	125.01	1.49	25.77	Stainless
ESS 2.2×19×97.5×29.5	2.2	19	97.5	29.5	166.61	125.01	1.44	25.77	Stainless
ESS 2.2×19×100×30.5	2.2	19	100	30.5	171.76	125.01	1.38	25.77	Stainless
ESM 2.3×19×55×9.5	2.3	19	55	9.5	76.58	164.99	6.22	30.81	Carbon
ESM 2.3×19×57.5×11.5	2.3	19	57.5	11.5	81.43	164.99	5.61	30.81	Carbon
ESM 2.3×19×60×12.5	2.3	19	60	12.5	86.27	164.99	5.11	30.81	Carbon
ESM 2.3×19×62.5×13.5	2.3	19	62.5	13.5	91.12	164.99	4.69	30.81	Carbon
ESM 2.3×19×65×14.5	2.3	19	65	14.5	95.97	164.99	4.33	30.81	Carbon
ESM 2.3×19×67.5×15.5	2.3	19	67.5	15.5	100.82	164.99	4.03	30.81	Carbon
ESM 2.3×19×70×16.5	2.3	19	70	16.5	105.66	164.99	3.76	30.81	Carbon
ESM 2.3×19×72.5×17.5	2.3	19	72.5	17.5	110.51	164.99	3.53	30.81	Carbon
ESM 2.3×19×75×18.5	2.3	19	75	18.5	115.36	164.99	3.32	30.81	Carbon
ESM 2.3×19×77.5×19.5	2.3	19	77.5	19.5	120.21	164.99	3.14	30.81	Carbon
ESM 2.3×19×80×20.5	2.3	19	80	20.5	125.05	164.99	2.98	30.81	Carbon
ESM 2.3×19×82.5×21.5	2.3	19	82.5	21.5	129.9	164.99	2.83	30.81	Carbon
ESM 2.3×19×85×23.5	2.3	19	85	23.5	134.75	164.99	2.7	30.81	Carbon
ESM 2.3×19×87.5×24.5	2.3	19	87.5	24.5	139.59	164.99	2.58	30.81	Carbon
ESM 2.3×19×90×25.5	2.3	19	90	25.5	144.44	164.99	2.46	30.81	Carbon
ESM 2.3×19×92.5×26.5	2.3	19	92.5	26.5	149.29	164.99	2.36	30.81	Carbon
ESM 2.3×19×95×27.5	2.3	19	95	27.5	154.14	164.99	2.27	30.81	Carbon
ESM 2.3×19×97.5×28.5	2.3	19	97.5	28.5	158.98	164.99	2.18	30.81	Carbon
ESM 2.3×19×100×29.5	2.3	19	100	29.5	163.83	164.99	2.1	30.81	Carbon
ESM 2.3×19×102.5×30.5	2.3	19	102.5	30.5	168.68	164.99	2.03	30.81	Carbon
ESS 2.3×19×55×9.5	2.3	19	55	9.5	76.56	142.52	5.18	30.81	Stainless
ESS 2.3×19×57.5×11.5	2.3	19	57.5	11.5	81.4	142.52	4.67	30.81	Stainless
ESS 2.3×19×60×12.5	2.3	19	60	12.5	86.25	142.52	4.26	30.81	Stainless
ESS 2.3×19×62.5×13.5	2.3	19	62.5	13.5	91.09	142.52	3.91	30.81	Stainless
ESS 2.3×19×65×14.5	2.3	19	65	14.5	95.94	142.52	3.61	30.81	Stainless
ESS 2.3×19×67.5×15.5	2.3	19	67.5	15.5	100.78	142.52	3.36	30.81	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.3×19×70×16.5	2.3	19	70	16.5	105.63	142.52	3.14	30.81	Stainless
ESS 2.3×19×72.5×17.5	2.3	19	72.5	17.5	110.47	142.52	2.94	30.81	Stainless
ESS 2.3×19×75×18.5	2.3	19	75	18.5	115.32	142.52	2.77	30.81	Stainless
ESS 2.3×19×77.5×19.5	2.3	19	77.5	19.5	120.16	142.52	2.62	30.81	Stainless
ESS 2.3×19×80×20.5	2.3	19	80	20.5	125.01	142.52	2.48	30.81	Stainless
ESS 2.3×19×82.5×21.5	2.3	19	82.5	21.5	129.85	142.52	2.36	30.81	Stainless
ESS 2.3×19×85×23.5	2.3	19	85	23.5	134.7	142.52	2.25	30.81	Stainless
ESS 2.3×19×87.5×24.5	2.3	19	87.5	24.5	139.54	142.52	2.15	30.81	Stainless
ESS 2.3×19×90×25.5	2.3	19	90	25.5	144.39	142.52	2.05	30.81	Stainless
ESS 2.3×19×92.5×26.5	2.3	19	92.5	26.5	149.23	142.52	1.97	30.81	Stainless
ESS 2.3×19×95×27.5	2.3	19	95	27.5	154.08	142.52	1.89	30.81	Stainless
ESS 2.3×19×97.5×28.5	2.3	19	97.5	28.5	158.93	142.52	1.82	30.81	Stainless
ESS 2.3×19×100×29.5	2.3	19	100	29.5	163.77	142.52	1.75	30.81	Stainless
ESS 2.3×19×102.5×30.5	2.3	19	102.5	30.5	168.62	142.52	1.69	30.81	Stainless
ESM 1.3×20×55×14.5	1.3	20	55	14.5	137.8	28.8	0.32	2.35	Carbon
ESM 1.3×20×57.5×16.5	1.3	20	57.5	16.5	151.55	28.8	0.28	2.35	Carbon
ESM 1.3×20×60×17.5	1.3	20	60	17.5	165.33	28.8	0.25	2.35	Carbon
ESM 1.3×20×62.5×19.5	1.3	20	62.5	19.5	179.06	28.8	0.23	2.35	Carbon
ESM 1.3×20×65×21.5	1.3	20	65	21.5	192.83	28.8	0.21	2.35	Carbon
ESM 1.3×20×67.5×23.5	1.3	20	67.5	23.5	206.62	28.8	0.19	2.35	Carbon
ESM 1.3×20×70×25.5	1.3	20	70	25.5	220.35	28.8	0.18	2.35	Carbon
ESM 1.3×20×72.5×27.5	1.3	20	72.5	27.5	234.16	28.8	0.16	2.35	Carbon
ESM 1.3×20×75×29.5	1.3	20	75	29.5	247.86	28.8	0.15	2.35	Carbon
ESM 1.3×20×77.5×31.5	1.3	20	77.5	31.5	261.67	28.8	0.14	2.35	Carbon
ESM 1.3×20×80×33.5	1.3	20	80	33.5	275.47	28.8	0.14	2.35	Carbon
ESM 1.3×20×82.5×35.5	1.3	20	82.5	35.5	289.12	28.8	0.13	2.35	Carbon
ESM 1.3×20×85×37.5	1.3	20	85	37.5	302.85	28.8	0.12	2.35	Carbon
ESM 1.3×20×87.5×39.5	1.3	20	87.5	39.5	316.68	28.8	0.12	2.35	Carbon
ESM 1.3×20×90×41.5	1.3	20	90	41.5	330.43	28.8	0.11	2.35	Carbon
ESM 1.3×20×92.5×42.5	1.3	20	92.5	42.5	344.14	28.8	0.11	2.35	Carbon
ESM 1.3×20×95×44.5	1.3	20	95	44.5	357.89	28.8	0.1	2.35	Carbon
ESM 1.3×20×97.5×46.5	1.3	20	97.5	46.5	371.85	28.8	0.1	2.35	Carbon
ESM 1.3×20×100×48.5	1.3	20	100	48.5	385.61	28.8	0.09	2.35	Carbon
ESM 1.3×20×102.5×50.5	1.3	20	102.5	50.5	399.33	28.8	0.09	2.35	Carbon
ESS 1.3×20×55×14.5	1.3	20	55	14.5	139.66	24.89	0.27	2.35	Stainless

M: Carbon Steel;
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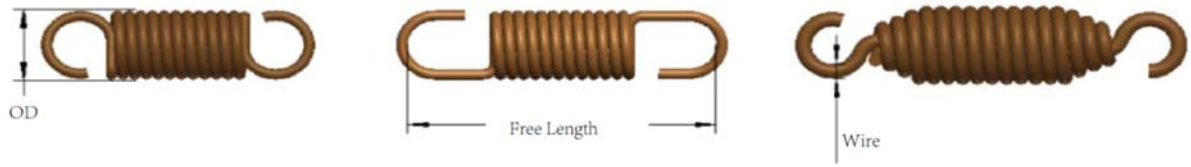
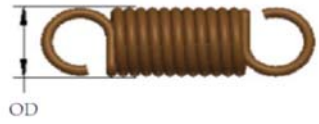
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.3×20×57.5×16.5	1.3	20	57.5	16.5	153.69	24.89	0.23	2.35	Stainless
ESS 1.3×20×60×17.5	1.3	20	60	17.5	167.68	24.89	0.21	2.35	Stainless
ESS 1.3×20×62.5×19.5	1.3	20	62.5	19.5	181.68	24.89	0.19	2.35	Stainless
ESS 1.3×20×65×21.5	1.3	20	65	21.5	195.73	24.89	0.17	2.35	Stainless
ESS 1.3×20×67.5×23.5	1.3	20	67.5	23.5	209.78	24.89	0.16	2.35	Stainless
ESS 1.3×20×70×25.5	1.3	20	70	25.5	223.73	24.89	0.15	2.35	Stainless
ESS 1.3×20×72.5×27.5	1.3	20	72.5	27.5	237.73	24.89	0.14	2.35	Stainless
ESS 1.3×20×75×29.5	1.3	20	75	29.5	251.76	24.89	0.13	2.35	Stainless
ESS 1.3×20×77.5×31.5	1.3	20	77.5	31.5	265.78	24.89	0.12	2.35	Stainless
ESS 1.3×20×80×33.5	1.3	20	80	33.5	279.8	24.89	0.11	2.35	Stainless
ESS 1.3×20×82.5×35.5	1.3	20	82.5	35.5	293.92	24.89	0.11	2.35	Stainless
ESS 1.3×20×85×37.5	1.3	20	85	37.5	307.92	24.89	0.1	2.35	Stainless
ESS 1.3×20×87.5×39.5	1.3	20	87.5	39.5	321.78	24.89	0.1	2.35	Stainless
ESS 1.3×20×90×41.5	1.3	20	90	41.5	335.77	24.89	0.09	2.35	Stainless
ESS 1.3×20×92.5×42.5	1.3	20	92.5	42.5	349.78	24.89	0.09	2.35	Stainless
ESS 1.3×20×95×44.5	1.3	20	95	44.5	363.94	24.89	0.08	2.35	Stainless
ESS 1.3×20×97.5×46.5	1.3	20	97.5	46.5	377.82	24.89	0.08	2.35	Stainless
ESS 1.3×20×100×48.5	1.3	20	100	48.5	391.94	24.89	0.08	2.35	Stainless
ESS 1.3×20×102.5×50.5	1.3	20	102.5	50.5	405.83	24.89	0.07	2.35	Stainless
ESM 1.4×20×55×13.5	1.4	20	55	13.5	125.32	35.92	0.46	3.31	Carbon
ESM 1.4×20×57.5×15.5	1.4	20	57.5	15.5	137.27	35.92	0.41	3.31	Carbon
ESM 1.4×20×60×16.5	1.4	20	60	16.5	149.19	35.92	0.37	3.31	Carbon
ESM 1.4×20×62.5×18.5	1.4	20	62.5	18.5	161.14	35.92	0.33	3.31	Carbon
ESM 1.4×20×65×20.5	1.4	20	65	20.5	173.05	35.92	0.3	3.31	Carbon
ESM 1.4×20×67.5×22.5	1.4	20	67.5	22.5	185.01	35.92	0.28	3.31	Carbon
ESM 1.4×20×70×24.5	1.4	20	70	24.5	196.93	35.92	0.26	3.31	Carbon
ESM 1.4×20×72.5×25.5	1.4	20	72.5	25.5	208.88	35.92	0.24	3.31	Carbon
ESM 1.4×20×75×27.5	1.4	20	75	27.5	220.77	35.92	0.22	3.31	Carbon
ESM 1.4×20×77.5×29.5	1.4	20	77.5	29.5	232.71	35.92	0.21	3.31	Carbon
ESM 1.4×20×80×31.5	1.4	20	80	31.5	244.69	35.92	0.2	3.31	Carbon
ESM 1.4×20×82.5×32.5	1.4	20	82.5	32.5	256.6	35.92	0.19	3.31	Carbon
ESM 1.4×20×85×34.5	1.4	20	85	34.5	268.51	35.92	0.18	3.31	Carbon
ESM 1.4×20×87.5×36.5	1.4	20	87.5	36.5	280.46	35.92	0.17	3.31	Carbon
ESM 1.4×20×90×38.5	1.4	20	90	38.5	292.42	35.92	0.16	3.31	Carbon
ESM 1.4×20×92.5×40.5	1.4	20	92.5	40.5	304.39	35.92	0.15	3.31	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

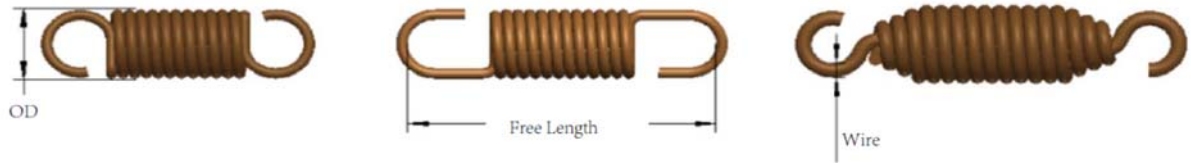






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.4×20×95×41.5	1.4	20	95	41.5	316.23	35.92	0.15	3.31	Carbon
ESM 1.4×20×97.5×43.5	1.4	20	97.5	43.5	328.12	35.92	0.14	3.31	Carbon
ESM 1.4×20×100×45.5	1.4	20	100	45.5	340.13	35.92	0.14	3.31	Carbon
ESM 1.4×20×102.5×47.5	1.4	20	102.5	47.5	352	35.92	0.13	3.31	Carbon
ESS 1.4×20×55×13.5	1.4	20	55	13.5	126.69	31.01	0.39	3.31	Stainless
ESS 1.4×20×57.5×15.5	1.4	20	57.5	15.5	138.8	31.01	0.34	3.31	Stainless
ESS 1.4×20×60×16.5	1.4	20	60	16.5	150.91	31.01	0.3	3.31	Stainless
ESS 1.4×20×62.5×18.5	1.4	20	62.5	18.5	163.04	31.01	0.28	3.31	Stainless
ESS 1.4×20×65×20.5	1.4	20	65	20.5	175.14	31.01	0.25	3.31	Stainless
ESS 1.4×20×67.5×22.5	1.4	20	67.5	22.5	187.26	31.01	0.23	3.31	Stainless
ESS 1.4×20×70×24.5	1.4	20	70	24.5	199.38	31.01	0.21	3.31	Stainless
ESS 1.4×20×72.5×25.5	1.4	20	72.5	25.5	211.49	31.01	0.2	3.31	Stainless
ESS 1.4×20×75×27.5	1.4	20	75	27.5	223.6	31.01	0.19	3.31	Stainless
ESS 1.4×20×77.5×29.5	1.4	20	77.5	29.5	235.69	31.01	0.18	3.31	Stainless
ESS 1.4×20×80×31.5	1.4	20	80	31.5	247.88	31.01	0.17	3.31	Stainless
ESS 1.4×20×82.5×32.5	1.4	20	82.5	32.5	259.95	31.01	0.16	3.31	Stainless
ESS 1.4×20×85×34.5	1.4	20	85	34.5	272.04	31.01	0.15	3.31	Stainless
ESS 1.4×20×87.5×36.5	1.4	20	87.5	36.5	284.23	31.01	0.14	3.31	Stainless
ESS 1.4×20×90×38.5	1.4	20	90	38.5	296.25	31.01	0.13	3.31	Stainless
ESS 1.4×20×92.5×40.5	1.4	20	92.5	40.5	308.4	31.01	0.13	3.31	Stainless
ESS 1.4×20×95×41.5	1.4	20	95	41.5	320.57	31.01	0.12	3.31	Stainless
ESS 1.4×20×97.5×43.5	1.4	20	97.5	43.5	332.64	31.01	0.12	3.31	Stainless
ESS 1.4×20×100×45.5	1.4	20	100	45.5	344.7	31.01	0.11	3.31	Stainless
ESS 1.4×20×102.5×47.5	1.4	20	102.5	47.5	356.86	31.01	0.11	3.31	Stainless
ESM 1.4×20×55×13.5	1.4	20	55	13.5	125.32	35.92	0.46	3.31	Carbon
ESM 1.4×20×57.5×15.5	1.4	20	57.5	15.5	137.27	35.92	0.41	3.31	Carbon
ESM 1.4×20×60×16.5	1.4	20	60	16.5	149.19	35.92	0.37	3.31	Carbon
ESM 1.4×20×62.5×18.5	1.4	20	62.5	18.5	161.14	35.92	0.33	3.31	Carbon
ESM 1.4×20×65×20.5	1.4	20	65	20.5	173.05	35.92	0.3	3.31	Carbon
ESM 1.4×20×67.5×22.5	1.4	20	67.5	22.5	185.01	35.92	0.28	3.31	Carbon
ESM 1.4×20×70×24.5	1.4	20	70	24.5	196.93	35.92	0.26	3.31	Carbon
ESM 1.4×20×72.5×25.5	1.4	20	72.5	25.5	208.88	35.92	0.24	3.31	Carbon
ESM 1.4×20×75×27.5	1.4	20	75	27.5	220.77	35.92	0.22	3.31	Carbon
ESM 1.4×20×77.5×29.5	1.4	20	77.5	29.5	232.71	35.92	0.21	3.31	Carbon
ESM 1.4×20×80×31.5	1.4	20	80	31.5	244.69	35.92	0.2	3.31	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.4×20×82.5×32.5	1.4	20	82.5	32.5	256.6	35.92	0.19	3.31	Carbon
ESM 1.4×20×85×34.5	1.4	20	85	34.5	268.51	35.92	0.18	3.31	Carbon
ESM 1.4×20×87.5×36.5	1.4	20	87.5	36.5	280.46	35.92	0.17	3.31	Carbon
ESM 1.4×20×90×38.5	1.4	20	90	38.5	292.42	35.92	0.16	3.31	Carbon
ESM 1.4×20×92.5×40.5	1.4	20	92.5	40.5	304.39	35.92	0.15	3.31	Carbon
ESM 1.4×20×95×41.5	1.4	20	95	41.5	316.23	35.92	0.15	3.31	Carbon
ESM 1.4×20×97.5×43.5	1.4	20	97.5	43.5	328.12	35.92	0.14	3.31	Carbon
ESM 1.4×20×100×45.5	1.4	20	100	45.5	340.13	35.92	0.14	3.31	Carbon
ESM 1.4×20×102.5×47.5	1.4	20	102.5	47.5	352	35.92	0.13	3.31	Carbon
ESS 1.4×20×55×13.5	1.4	20	55	13.5	126.69	31.01	0.39	3.31	Stainless
ESS 1.4×20×57.5×15.5	1.4	20	57.5	15.5	138.8	31.01	0.34	3.31	Stainless
ESS 1.4×20×60×16.5	1.4	20	60	16.5	150.91	31.01	0.3	3.31	Stainless
ESS 1.4×20×62.5×18.5	1.4	20	62.5	18.5	163.04	31.01	0.28	3.31	Stainless
ESS 1.4×20×65×20.5	1.4	20	65	20.5	175.14	31.01	0.25	3.31	Stainless
ESS 1.4×20×67.5×22.5	1.4	20	67.5	22.5	187.26	31.01	0.23	3.31	Stainless
ESS 1.4×20×70×24.5	1.4	20	70	24.5	199.38	31.01	0.21	3.31	Stainless
ESS 1.4×20×72.5×25.5	1.4	20	72.5	25.5	211.49	31.01	0.2	3.31	Stainless
ESS 1.4×20×75×27.5	1.4	20	75	27.5	223.6	31.01	0.19	3.31	Stainless
ESS 1.4×20×77.5×29.5	1.4	20	77.5	29.5	235.69	31.01	0.18	3.31	Stainless
ESS 1.4×20×80×31.5	1.4	20	80	31.5	247.88	31.01	0.17	3.31	Stainless
ESS 1.4×20×82.5×32.5	1.4	20	82.5	32.5	259.95	31.01	0.16	3.31	Stainless
ESS 1.4×20×85×34.5	1.4	20	85	34.5	272.04	31.01	0.15	3.31	Stainless
ESS 1.4×20×87.5×36.5	1.4	20	87.5	36.5	284.23	31.01	0.14	3.31	Stainless
ESS 1.4×20×90×38.5	1.4	20	90	38.5	296.25	31.01	0.13	3.31	Stainless
ESS 1.4×20×92.5×40.5	1.4	20	92.5	40.5	308.4	31.01	0.13	3.31	Stainless
ESS 1.4×20×95×41.5	1.4	20	95	41.5	320.57	31.01	0.12	3.31	Stainless
ESS 1.4×20×97.5×43.5	1.4	20	97.5	43.5	332.64	31.01	0.12	3.31	Stainless
ESS 1.4×20×100×45.5	1.4	20	100	45.5	344.7	31.01	0.11	3.31	Stainless
ESS 1.4×20×102.5×47.5	1.4	20	102.5	47.5	356.86	31.01	0.11	3.31	Stainless
ESM 1.5×20×55×12.5	1.5	20	55	12.5	115.12	43.98	0.66	4.53	Carbon
ESM 1.5×20×57.5×14.5	1.5	20	57.5	14.5	125.58	43.98	0.58	4.53	Carbon
ESM 1.5×20×60×15.5	1.5	20	60	15.5	136.03	43.98	0.52	4.53	Carbon
ESM 1.5×20×62.5×17.5	1.5	20	62.5	17.5	146.47	43.98	0.47	4.53	Carbon
ESM 1.5×20×65×19.5	1.5	20	65	19.5	156.94	43.98	0.43	4.53	Carbon
ESM 1.5×20×67.5×20.5	1.5	20	67.5	20.5	167.37	43.98	0.4	4.53	Carbon

M: Carbon Steel;
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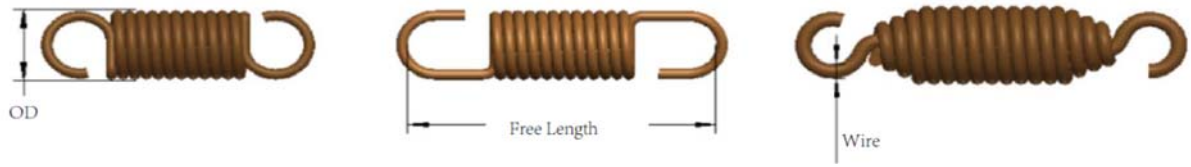
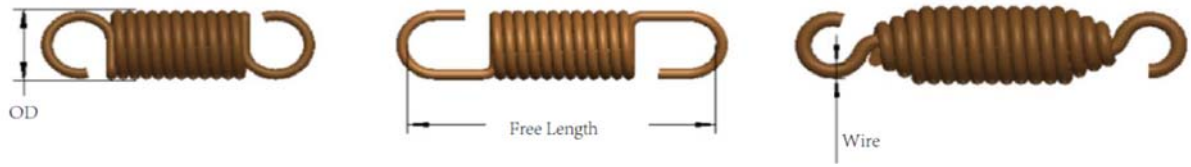
OD:Outer Diameter
Max Length - Max Load



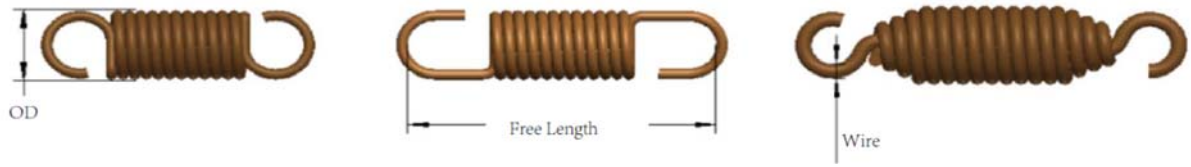
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.5×20×70×22.5	1.5	20	70	22.5	177.85	43.98	0.37	4.53	Carbon
ESM 1.5×20×72.5×24.5	1.5	20	72.5	24.5	188.29	43.98	0.34	4.53	Carbon
ESM 1.5×20×75×25.5	1.5	20	75	25.5	198.74	43.98	0.32	4.53	Carbon
ESM 1.5×20×77.5×27.5	1.5	20	77.5	27.5	209.18	43.98	0.3	4.53	Carbon
ESM 1.5×20×80×29.5	1.5	20	80	29.5	219.65	43.98	0.28	4.53	Carbon
ESM 1.5×20×82.5×30.5	1.5	20	82.5	30.5	230.09	43.98	0.27	4.53	Carbon
ESM 1.5×20×85×32.5	1.5	20	85	32.5	240.56	43.98	0.25	4.53	Carbon
ESM 1.5×20×87.5×34.5	1.5	20	87.5	34.5	250.99	43.98	0.24	4.53	Carbon
ESM 1.5×20×90×35.5	1.5	20	90	35.5	261.45	43.98	0.23	4.53	Carbon
ESM 1.5×20×92.5×37.5	1.5	20	92.5	37.5	271.9	43.98	0.22	4.53	Carbon
ESM 1.5×20×95×39.5	1.5	20	95	39.5	282.32	43.98	0.21	4.53	Carbon
ESM 1.5×20×97.5×40.5	1.5	20	97.5	40.5	292.8	43.98	0.2	4.53	Carbon
ESM 1.5×20×100×42.5	1.5	20	100	42.5	303.25	43.98	0.19	4.53	Carbon
ESM 1.5×20×102.5×44.5	1.5	20	102.5	44.5	313.69	43.98	0.19	4.53	Carbon
ESS 1.5×20×55×12.5	1.5	20	55	12.5	116.31	38.06	0.55	4.53	Stainless
ESS 1.5×20×57.5×14.5	1.5	20	57.5	14.5	126.93	38.06	0.48	4.53	Stainless
ESS 1.5×20×60×15.5	1.5	20	60	15.5	137.54	38.06	0.43	4.53	Stainless
ESS 1.5×20×62.5×17.5	1.5	20	62.5	17.5	148.14	38.06	0.39	4.53	Stainless
ESS 1.5×20×65×19.5	1.5	20	65	19.5	158.75	38.06	0.36	4.53	Stainless
ESS 1.5×20×67.5×20.5	1.5	20	67.5	20.5	169.37	38.06	0.33	4.53	Stainless
ESS 1.5×20×70×22.5	1.5	20	70	22.5	179.96	38.06	0.3	4.53	Stainless
ESS 1.5×20×72.5×24.5	1.5	20	72.5	24.5	190.59	38.06	0.28	4.53	Stainless
ESS 1.5×20×75×25.5	1.5	20	75	25.5	201.18	38.06	0.27	4.53	Stainless
ESS 1.5×20×77.5×27.5	1.5	20	77.5	27.5	211.82	38.06	0.25	4.53	Stainless
ESS 1.5×20×80×29.5	1.5	20	80	29.5	222.42	38.06	0.24	4.53	Stainless
ESS 1.5×20×82.5×30.5	1.5	20	82.5	30.5	233.05	38.06	0.22	4.53	Stainless
ESS 1.5×20×85×32.5	1.5	20	85	32.5	243.67	38.06	0.21	4.53	Stainless
ESS 1.5×20×87.5×34.5	1.5	20	87.5	34.5	254.22	38.06	0.2	4.53	Stainless
ESS 1.5×20×90×35.5	1.5	20	90	35.5	264.89	38.06	0.19	4.53	Stainless
ESS 1.5×20×92.5×37.5	1.5	20	92.5	37.5	275.51	38.06	0.18	4.53	Stainless
ESS 1.5×20×95×39.5	1.5	20	95	39.5	286.04	38.06	0.18	4.53	Stainless
ESS 1.5×20×97.5×40.5	1.5	20	97.5	40.5	296.71	38.06	0.17	4.53	Stainless
ESS 1.5×20×100×42.5	1.5	20	100	42.5	307.34	38.06	0.16	4.53	Stainless
ESS 1.5×20×102.5×44.5	1.5	20	102.5	44.5	317.97	38.06	0.16	4.53	Stainless
ESM 1.6×20×55×11.5	1.6	20	55	11.5	107.04	53.3	0.91	6.03	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



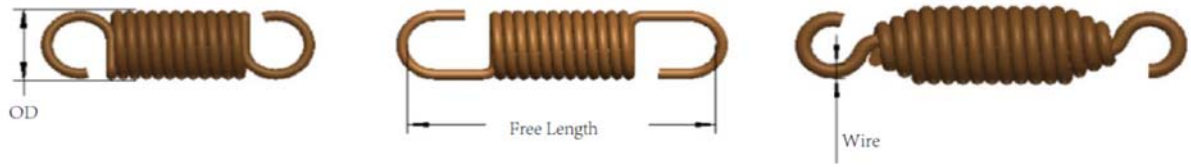
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.6×20×57.5×13.5	1.6	20	57.5	13.5	116.32	53.3	0.8	6.03	Carbon
ESM 1.6×20×60×15.5	1.6	20	60	15.5	125.62	53.3	0.72	6.03	Carbon
ESM 1.6×20×62.5×16.5	1.6	20	62.5	16.5	134.9	53.3	0.65	6.03	Carbon
ESM 1.6×20×65×18.5	1.6	20	65	18.5	144.19	53.3	0.6	6.03	Carbon
ESM 1.6×20×67.5×19.5	1.6	20	67.5	19.5	153.48	53.3	0.55	6.03	Carbon
ESM 1.6×20×70×21.5	1.6	20	70	21.5	162.78	53.3	0.51	6.03	Carbon
ESM 1.6×20×72.5×22.5	1.6	20	72.5	22.5	172.06	53.3	0.47	6.03	Carbon
ESM 1.6×20×75×24.5	1.6	20	75	24.5	181.35	53.3	0.44	6.03	Carbon
ESM 1.6×20×77.5×26.5	1.6	20	77.5	26.5	190.64	53.3	0.42	6.03	Carbon
ESM 1.6×20×80×27.5	1.6	20	80	27.5	199.95	53.3	0.39	6.03	Carbon
ESM 1.6×20×82.5×29.5	1.6	20	82.5	29.5	209.23	53.3	0.37	6.03	Carbon
ESM 1.6×20×85×30.5	1.6	20	85	30.5	218.5	53.3	0.35	6.03	Carbon
ESM 1.6×20×87.5×32.5	1.6	20	87.5	32.5	227.81	53.3	0.34	6.03	Carbon
ESM 1.6×20×90×33.5	1.6	20	90	33.5	237.08	53.3	0.32	6.03	Carbon
ESM 1.6×20×92.5×35.5	1.6	20	92.5	35.5	246.38	53.3	0.31	6.03	Carbon
ESM 1.6×20×95×36.5	1.6	20	95	36.5	255.68	53.3	0.29	6.03	Carbon
ESM 1.6×20×97.5×38.5	1.6	20	97.5	38.5	264.95	53.3	0.28	6.03	Carbon
ESM 1.6×20×100×40.5	1.6	20	100	40.5	274.24	53.3	0.27	6.03	Carbon
ESM 1.6×20×102.5×41.5	1.6	20	102.5	41.5	283.54	53.3	0.26	6.03	Carbon
ESS 1.6×20×55×11.5	1.6	20	55	11.5	107.9	46.08	0.76	6.03	Stainless
ESS 1.6×20×57.5×13.5	1.6	20	57.5	13.5	117.29	46.08	0.67	6.03	Stainless
ESS 1.6×20×60×15.5	1.6	20	60	15.5	126.69	46.08	0.6	6.03	Stainless
ESS 1.6×20×62.5×16.5	1.6	20	62.5	16.5	136.1	46.08	0.54	6.03	Stainless
ESS 1.6×20×65×18.5	1.6	20	65	18.5	145.51	46.08	0.5	6.03	Stainless
ESS 1.6×20×67.5×19.5	1.6	20	67.5	19.5	154.91	46.08	0.46	6.03	Stainless
ESS 1.6×20×70×21.5	1.6	20	70	21.5	164.31	46.08	0.42	6.03	Stainless
ESS 1.6×20×72.5×22.5	1.6	20	72.5	22.5	173.7	46.08	0.4	6.03	Stainless
ESS 1.6×20×75×24.5	1.6	20	75	24.5	183.11	46.08	0.37	6.03	Stainless
ESS 1.6×20×77.5×26.5	1.6	20	77.5	26.5	192.5	46.08	0.35	6.03	Stainless
ESS 1.6×20×80×27.5	1.6	20	80	27.5	201.9	46.08	0.33	6.03	Stainless
ESS 1.6×20×82.5×29.5	1.6	20	82.5	29.5	211.3	46.08	0.31	6.03	Stainless
ESS 1.6×20×85×30.5	1.6	20	85	30.5	220.69	46.08	0.3	6.03	Stainless
ESS 1.6×20×87.5×32.5	1.6	20	87.5	32.5	230.1	46.08	0.28	6.03	Stainless
ESS 1.6×20×90×33.5	1.6	20	90	33.5	239.53	46.08	0.27	6.03	Stainless
ESS 1.6×20×92.5×35.5	1.6	20	92.5	35.5	248.92	46.08	0.26	6.03	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



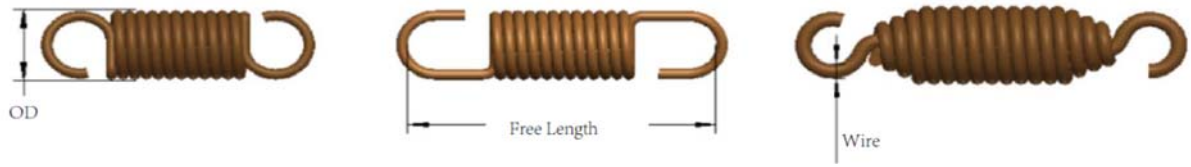
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.6×20×95×36.5	1.6	20	95	36.5	258.31	46.08	0.25	6.03	Stainless
ESS 1.6×20×97.5×38.5	1.6	20	97.5	38.5	267.75	46.08	0.24	6.03	Stainless
ESS 1.6×20×100×40.5	1.6	20	100	40.5	277.1	46.08	0.23	6.03	Stainless
ESS 1.6×20×102.5×41.5	1.6	20	102.5	41.5	286.52	46.08	0.22	6.03	Stainless
ESM 1.7×20×55×11.5	1.7	20	55	11.5	100.39	63.85	1.23	7.86	Carbon
ESM 1.7×20×57.5×12.5	1.7	20	57.5	12.5	108.73	63.85	1.09	7.86	Carbon
ESM 1.7×20×60×14.5	1.7	20	60	14.5	117.07	63.85	0.98	7.86	Carbon
ESM 1.7×20×62.5×15.5	1.7	20	62.5	15.5	125.42	63.85	0.89	7.86	Carbon
ESM 1.7×20×65×17.5	1.7	20	65	17.5	133.76	63.85	0.81	7.86	Carbon
ESM 1.7×20×67.5×18.5	1.7	20	67.5	18.5	142.1	63.85	0.75	7.86	Carbon
ESM 1.7×20×70×20.5	1.7	20	70	20.5	150.45	63.85	0.7	7.86	Carbon
ESM 1.7×20×72.5×21.5	1.7	20	72.5	21.5	158.78	63.85	0.65	7.86	Carbon
ESM 1.7×20×75×23.5	1.7	20	75	23.5	167.13	63.85	0.61	7.86	Carbon
ESM 1.7×20×77.5×24.5	1.7	20	77.5	24.5	175.47	63.85	0.57	7.86	Carbon
ESM 1.7×20×80×26.5	1.7	20	80	26.5	183.82	63.85	0.54	7.86	Carbon
ESM 1.7×20×82.5×27.5	1.7	20	82.5	27.5	192.16	63.85	0.51	7.86	Carbon
ESM 1.7×20×85×29.5	1.7	20	85	29.5	200.49	63.85	0.48	7.86	Carbon
ESM 1.7×20×87.5×30.5	1.7	20	87.5	30.5	208.85	63.85	0.46	7.86	Carbon
ESM 1.7×20×90×32.5	1.7	20	90	32.5	217.19	63.85	0.44	7.86	Carbon
ESM 1.7×20×92.5×33.5	1.7	20	92.5	33.5	225.52	63.85	0.42	7.86	Carbon
ESM 1.7×20×95×34.5	1.7	20	95	34.5	233.86	63.85	0.4	7.86	Carbon
ESM 1.7×20×97.5×36.5	1.7	20	97.5	36.5	242.21	63.85	0.39	7.86	Carbon
ESM 1.7×20×100×37.5	1.7	20	100	37.5	250.55	63.85	0.37	7.86	Carbon
ESM 1.7×20×102.5×39.5	1.7	20	102.5	39.5	258.9	63.85	0.36	7.86	Carbon
ESS 1.7×20×55×11.5	1.7	20	55	11.5	100.99	55.13	1.03	7.86	Stainless
ESS 1.7×20×57.5×12.5	1.7	20	57.5	12.5	109.4	55.13	0.91	7.86	Stainless
ESS 1.7×20×60×14.5	1.7	20	60	14.5	117.83	55.13	0.82	7.86	Stainless
ESS 1.7×20×62.5×15.5	1.7	20	62.5	15.5	126.25	55.13	0.74	7.86	Stainless
ESS 1.7×20×65×17.5	1.7	20	65	17.5	134.66	55.13	0.68	7.86	Stainless
ESS 1.7×20×67.5×18.5	1.7	20	67.5	18.5	143.09	55.13	0.63	7.86	Stainless
ESS 1.7×20×70×20.5	1.7	20	70	20.5	151.51	55.13	0.58	7.86	Stainless
ESS 1.7×20×72.5×21.5	1.7	20	72.5	21.5	159.93	55.13	0.54	7.86	Stainless
ESS 1.7×20×75×23.5	1.7	20	75	23.5	168.33	55.13	0.51	7.86	Stainless
ESS 1.7×20×77.5×24.5	1.7	20	77.5	24.5	176.77	55.13	0.48	7.86	Stainless
ESS 1.7×20×80×26.5	1.7	20	80	26.5	185.19	55.13	0.45	7.86	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.7×20×82.5×27.5	1.7	20	82.5	27.5	193.6	55.13	0.43	7.86	Stainless
ESS 1.7×20×85×29.5	1.7	20	85	29.5	202.01	55.13	0.4	7.86	Stainless
ESS 1.7×20×87.5×30.5	1.7	20	87.5	30.5	210.45	55.13	0.38	7.86	Stainless
ESS 1.7×20×90×32.5	1.7	20	90	32.5	218.85	55.13	0.37	7.86	Stainless
ESS 1.7×20×92.5×33.5	1.7	20	92.5	33.5	227.3	55.13	0.35	7.86	Stainless
ESS 1.7×20×95×34.5	1.7	20	95	34.5	235.7	55.13	0.34	7.86	Stainless
ESS 1.7×20×97.5×36.5	1.7	20	97.5	36.5	244.13	55.13	0.32	7.86	Stainless
ESS 1.7×20×100×37.5	1.7	20	100	37.5	252.55	55.13	0.31	7.86	Stainless
ESS 1.7×20×102.5×39.5	1.7	20	102.5	39.5	260.98	55.13	0.3	7.86	Stainless
ESM 1.8×20×55×10.5	1.8	20	55	10.5	94.86	75.69	1.65	10.05	Carbon
ESM 1.8×20×57.5×12.5	1.8	20	57.5	12.5	102.42	75.69	1.46	10.05	Carbon
ESM 1.8×20×60×13.5	1.8	20	60	13.5	109.99	75.69	1.31	10.05	Carbon
ESM 1.8×20×62.5×15.5	1.8	20	62.5	15.5	117.55	75.69	1.19	10.05	Carbon
ESM 1.8×20×65×16.5	1.8	20	65	16.5	125.11	75.69	1.09	10.05	Carbon
ESM 1.8×20×67.5×17.5	1.8	20	67.5	17.5	132.67	75.69	1.01	10.05	Carbon
ESM 1.8×20×70×19.5	1.8	20	70	19.5	140.23	75.69	0.93	10.05	Carbon
ESM 1.8×20×72.5×20.5	1.8	20	72.5	20.5	147.8	75.69	0.87	10.05	Carbon
ESM 1.8×20×75×22.5	1.8	20	75	22.5	155.36	75.69	0.82	10.05	Carbon
ESM 1.8×20×77.5×23.5	1.8	20	77.5	23.5	162.93	75.69	0.77	10.05	Carbon
ESM 1.8×20×80×24.5	1.8	20	80	24.5	170.49	75.69	0.73	10.05	Carbon
ESM 1.8×20×82.5×26.5	1.8	20	82.5	26.5	178.05	75.69	0.69	10.05	Carbon
ESM 1.8×20×85×27.5	1.8	20	85	27.5	185.62	75.69	0.65	10.05	Carbon
ESM 1.8×20×87.5×28.5	1.8	20	87.5	28.5	193.19	75.69	0.62	10.05	Carbon
ESM 1.8×20×90×30.5	1.8	20	90	30.5	200.75	75.69	0.59	10.05	Carbon
ESM 1.8×20×92.5×31.5	1.8	20	92.5	31.5	208.31	75.69	0.57	10.05	Carbon
ESM 1.8×20×95×33.5	1.8	20	95	33.5	215.86	75.69	0.54	10.05	Carbon
ESM 1.8×20×97.5×34.5	1.8	20	97.5	34.5	223.44	75.69	0.52	10.05	Carbon
ESM 1.8×20×100×35.5	1.8	20	100	35.5	230.99	75.69	0.5	10.05	Carbon
ESM 1.8×20×102.5×37.5	1.8	20	102.5	37.5	238.57	75.69	0.48	10.05	Carbon
ESS 1.8×20×55×10.5	1.8	20	55	10.5	95.25	65.28	1.37	10.05	Stainless
ESS 1.8×20×57.5×12.5	1.8	20	57.5	12.5	102.86	65.28	1.22	10.05	Stainless
ESS 1.8×20×60×13.5	1.8	20	60	13.5	110.47	65.28	1.09	10.05	Stainless
ESS 1.8×20×62.5×15.5	1.8	20	62.5	15.5	118.09	65.28	0.99	10.05	Stainless
ESS 1.8×20×65×16.5	1.8	20	65	16.5	125.7	65.28	0.91	10.05	Stainless
ESS 1.8×20×67.5×17.5	1.8	20	67.5	17.5	133.31	65.28	0.84	10.05	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.8×20×70×19.5	1.8	20	70	19.5	140.93	65.28	0.78	10.05	Stainless
ESS 1.8×20×72.5×20.5	1.8	20	72.5	20.5	148.54	65.28	0.73	10.05	Stainless
ESS 1.8×20×75×22.5	1.8	20	75	22.5	156.15	65.28	0.68	10.05	Stainless
ESS 1.8×20×77.5×23.5	1.8	20	77.5	23.5	163.77	65.28	0.64	10.05	Stainless
ESS 1.8×20×80×24.5	1.8	20	80	24.5	171.38	65.28	0.6	10.05	Stainless
ESS 1.8×20×82.5×26.5	1.8	20	82.5	26.5	178.99	65.28	0.57	10.05	Stainless
ESS 1.8×20×85×27.5	1.8	20	85	27.5	186.6	65.28	0.54	10.05	Stainless
ESS 1.8×20×87.5×28.5	1.8	20	87.5	28.5	194.22	65.28	0.52	10.05	Stainless
ESS 1.8×20×90×30.5	1.8	20	90	30.5	201.84	65.28	0.49	10.05	Stainless
ESS 1.8×20×92.5×31.5	1.8	20	92.5	31.5	209.43	65.28	0.47	10.05	Stainless
ESS 1.8×20×95×33.5	1.8	20	95	33.5	217.05	65.28	0.45	10.05	Stainless
ESS 1.8×20×97.5×34.5	1.8	20	97.5	34.5	224.66	65.28	0.43	10.05	Stainless
ESS 1.8×20×100×35.5	1.8	20	100	35.5	232.27	65.28	0.42	10.05	Stainless
ESS 1.8×20×102.5×37.5	1.8	20	102.5	37.5	239.91	65.28	0.4	10.05	Stainless
ESM 1.9×20×55×10.5	1.9	20	55	10.5	90.07	88.58	2.17	12.63	Carbon
ESM 1.9×20×57.5×11.5	1.9	20	57.5	11.5	96.97	88.58	1.92	12.63	Carbon
ESM 1.9×20×60×13.5	1.9	20	60	13.5	103.87	88.58	1.73	12.63	Carbon
ESM 1.9×20×62.5×14.5	1.9	20	62.5	14.5	110.77	88.58	1.57	12.63	Carbon
ESM 1.9×20×65×15.5	1.9	20	65	15.5	117.66	88.58	1.44	12.63	Carbon
ESM 1.9×20×67.5×17.5	1.9	20	67.5	17.5	124.56	88.58	1.33	12.63	Carbon
ESM 1.9×20×70×18.5	1.9	20	70	18.5	131.46	88.58	1.24	12.63	Carbon
ESM 1.9×20×72.5×19.5	1.9	20	72.5	19.5	138.36	88.58	1.15	12.63	Carbon
ESM 1.9×20×75×21.5	1.9	20	75	21.5	145.25	88.58	1.08	12.63	Carbon
ESM 1.9×20×77.5×22.5	1.9	20	77.5	22.5	152.15	88.58	1.02	12.63	Carbon
ESM 1.9×20×80×23.5	1.9	20	80	23.5	159.05	88.58	0.96	12.63	Carbon
ESM 1.9×20×82.5×24.5	1.9	20	82.5	24.5	165.95	88.58	0.91	12.63	Carbon
ESM 1.9×20×85×26.5	1.9	20	85	26.5	172.85	88.58	0.86	12.63	Carbon
ESM 1.9×20×87.5×27.5	1.9	20	87.5	27.5	179.74	88.58	0.82	12.63	Carbon
ESM 1.9×20×90×28.5	1.9	20	90	28.5	186.64	88.58	0.79	12.63	Carbon
ESM 1.9×20×92.5×30.5	1.9	20	92.5	30.5	193.54	88.58	0.75	12.63	Carbon
ESM 1.9×20×95×31.5	1.9	20	95	31.5	200.43	88.58	0.72	12.63	Carbon
ESM 1.9×20×97.5×32.5	1.9	20	97.5	32.5	207.34	88.58	0.69	12.63	Carbon
ESM 1.9×20×100×34.5	1.9	20	100	34.5	214.23	88.58	0.66	12.63	Carbon
ESM 1.9×20×102.5×35.5	1.9	20	102.5	35.5	221.12	88.58	0.64	12.63	Carbon
ESS 1.9×20×55×10.5	1.9	20	55	10.5	90.44	76.59	1.8	12.63	Stainless

M: Carbon Steel;
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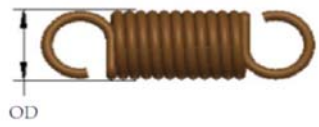
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×20×57.5×11.5	1.9	20	57.5	11.5	97.39	76.59	1.6	12.63	Stainless
ESS 1.9×20×60×13.5	1.9	20	60	13.5	104.33	76.59	1.44	12.63	Stainless
ESS 1.9×20×62.5×14.5	1.9	20	62.5	14.5	111.27	76.59	1.31	12.63	Stainless
ESS 1.9×20×65×15.5	1.9	20	65	15.5	118.22	76.59	1.2	12.63	Stainless
ESS 1.9×20×67.5×17.5	1.9	20	67.5	17.5	125.16	76.59	1.11	12.63	Stainless
ESS 1.9×20×70×18.5	1.9	20	70	18.5	132.11	76.59	1.03	12.63	Stainless
ESS 1.9×20×72.5×19.5	1.9	20	72.5	19.5	139.04	76.59	0.96	12.63	Stainless
ESS 1.9×20×75×21.5	1.9	20	75	21.5	145.99	76.59	0.9	12.63	Stainless
ESS 1.9×20×77.5×22.5	1.9	20	77.5	22.5	152.93	76.59	0.85	12.63	Stainless
ESS 1.9×20×80×23.5	1.9	20	80	23.5	159.88	76.59	0.8	12.63	Stainless
ESS 1.9×20×82.5×24.5	1.9	20	82.5	24.5	166.82	76.59	0.76	12.63	Stainless
ESS 1.9×20×85×26.5	1.9	20	85	26.5	173.77	76.59	0.72	12.63	Stainless
ESS 1.9×20×87.5×27.5	1.9	20	87.5	27.5	180.7	76.59	0.69	12.63	Stainless
ESS 1.9×20×90×28.5	1.9	20	90	28.5	187.66	76.59	0.65	12.63	Stainless
ESS 1.9×20×92.5×30.5	1.9	20	92.5	30.5	194.6	76.59	0.63	12.63	Stainless
ESS 1.9×20×95×31.5	1.9	20	95	31.5	201.54	76.59	0.6	12.63	Stainless
ESS 1.9×20×97.5×32.5	1.9	20	97.5	32.5	208.48	76.59	0.58	12.63	Stainless
ESS 1.9×20×100×34.5	1.9	20	100	34.5	215.42	76.59	0.55	12.63	Stainless
ESS 1.9×20×102.5×35.5	1.9	20	102.5	35.5	222.36	76.59	0.53	12.63	Stainless
ESM 2×20×55×10.5	2	20	55	10.5	86.16	103.17	2.81	15.66	Carbon
ESM 2×20×57.5×11.5	2	20	57.5	11.5	92.51	103.17	2.5	15.66	Carbon
ESM 2×20×60×12.5	2	20	60	12.5	98.87	103.17	2.25	15.66	Carbon
ESM 2×20×62.5×13.5	2	20	62.5	13.5	105.23	103.17	2.05	15.66	Carbon
ESM 2×20×65×15.5	2	20	65	15.5	111.58	103.17	1.88	15.66	Carbon
ESM 2×20×67.5×16.5	2	20	67.5	16.5	117.94	103.17	1.74	15.66	Carbon
ESM 2×20×70×17.5	2	20	70	17.5	124.29	103.17	1.61	15.66	Carbon
ESM 2×20×72.5×18.5	2	20	72.5	18.5	130.65	103.17	1.51	15.66	Carbon
ESM 2×20×75×20.5	2	20	75	20.5	137.01	103.17	1.41	15.66	Carbon
ESM 2×20×77.5×21.5	2	20	77.5	21.5	143.36	103.17	1.33	15.66	Carbon
ESM 2×20×80×22.5	2	20	80	22.5	149.72	103.17	1.26	15.66	Carbon
ESM 2×20×82.5×23.5	2	20	82.5	23.5	156.07	103.17	1.19	15.66	Carbon
ESM 2×20×85×25.5	2	20	85	25.5	162.43	103.17	1.13	15.66	Carbon
ESM 2×20×87.5×26.5	2	20	87.5	26.5	168.79	103.17	1.08	15.66	Carbon
ESM 2×20×90×27.5	2	20	90	27.5	175.14	103.17	1.03	15.66	Carbon
ESM 2×20×92.5×28.5	2	20	92.5	28.5	181.5	103.17	0.98	15.66	Carbon

M: Carbon Steel;
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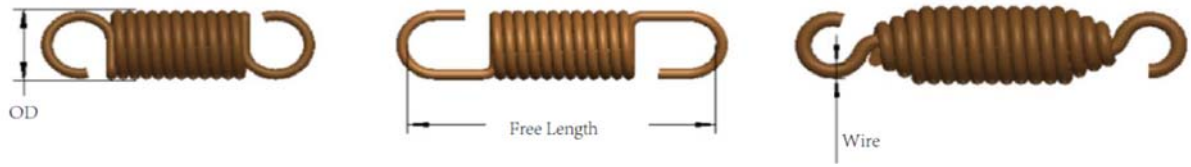
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2×20×95×30.5	2	20	95	30.5	187.85	103.17	0.94	15.66	Carbon
ESM 2×20×97.5×31.5	2	20	97.5	31.5	194.21	103.17	0.9	15.66	Carbon
ESM 2×20×100×32.5	2	20	100	32.5	200.57	103.17	0.87	15.66	Carbon
ESM 2×20×102.5×33.5	2	20	102.5	33.5	206.92	103.17	0.84	15.66	Carbon
ESS 2×20×55×10.5	2	20	55	10.5	86.38	89.1	2.34	15.66	Stainless
ESS 2×20×57.5×11.5	2	20	57.5	11.5	92.76	89.1	2.08	15.66	Stainless
ESS 2×20×60×12.5	2	20	60	12.5	99.14	89.1	1.88	15.66	Stainless
ESS 2×20×62.5×13.5	2	20	62.5	13.5	105.53	89.1	1.71	15.66	Stainless
ESS 2×20×65×15.5	2	20	65	15.5	111.91	89.1	1.57	15.66	Stainless
ESS 2×20×67.5×16.5	2	20	67.5	16.5	118.3	89.1	1.45	15.66	Stainless
ESS 2×20×70×17.5	2	20	70	17.5	124.68	89.1	1.34	15.66	Stainless
ESS 2×20×72.5×18.5	2	20	72.5	18.5	131.06	89.1	1.25	15.66	Stainless
ESS 2×20×75×20.5	2	20	75	20.5	137.44	89.1	1.18	15.66	Stainless
ESS 2×20×77.5×21.5	2	20	77.5	21.5	143.83	89.1	1.11	15.66	Stainless
ESS 2×20×80×22.5	2	20	80	22.5	150.21	89.1	1.05	15.66	Stainless
ESS 2×20×82.5×23.5	2	20	82.5	23.5	156.6	89.1	0.99	15.66	Stainless
ESS 2×20×85×25.5	2	20	85	25.5	162.98	89.1	0.94	15.66	Stainless
ESS 2×20×87.5×26.5	2	20	87.5	26.5	169.36	89.1	0.9	15.66	Stainless
ESS 2×20×90×27.5	2	20	90	27.5	175.74	89.1	0.86	15.66	Stainless
ESS 2×20×92.5×28.5	2	20	92.5	28.5	182.13	89.1	0.82	15.66	Stainless
ESS 2×20×95×30.5	2	20	95	30.5	188.51	89.1	0.79	15.66	Stainless
ESS 2×20×97.5×31.5	2	20	97.5	31.5	194.9	89.1	0.75	15.66	Stainless
ESS 2×20×100×32.5	2	20	100	32.5	201.28	89.1	0.73	15.66	Stainless
ESS 2×20×102.5×33.5	2	20	102.5	33.5	207.66	89.1	0.7	15.66	Stainless
ESM 2.1×20×55×9.5	2.1	20	55	9.5	82.81	119.26	3.6	19.16	Carbon
ESM 2.1×20×57.5×10.5	2.1	20	57.5	10.5	88.71	119.26	3.21	19.16	Carbon
ESM 2.1×20×60×12.5	2.1	20	60	12.5	94.61	119.26	2.89	19.16	Carbon
ESM 2.1×20×62.5×13.5	2.1	20	62.5	13.5	100.51	119.26	2.63	19.16	Carbon
ESM 2.1×20×65×14.5	2.1	20	65	14.5	106.41	119.26	2.42	19.16	Carbon
ESM 2.1×20×67.5×15.5	2.1	20	67.5	15.5	112.31	119.26	2.23	19.16	Carbon
ESM 2.1×20×70×16.5	2.1	20	70	16.5	118.21	119.26	2.08	19.16	Carbon
ESM 2.1×20×72.5×18.5	2.1	20	72.5	18.5	124.1	119.26	1.94	19.16	Carbon
ESM 2.1×20×75×19.5	2.1	20	75	19.5	130	119.26	1.82	19.16	Carbon
ESM 2.1×20×77.5×20.5	2.1	20	77.5	20.5	135.9	119.26	1.71	19.16	Carbon
ESM 2.1×20×80×21.5	2.1	20	80	21.5	141.8	119.26	1.62	19.16	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×20×82.5×22.5	2.1	20	82.5	22.5	147.7	119.26	1.54	19.16	Carbon
ESM 2.1×20×85×24.5	2.1	20	85	24.5	153.6	119.26	1.46	19.16	Carbon
ESM 2.1×20×87.5×25.5	2.1	20	87.5	25.5	159.5	119.26	1.39	19.16	Carbon
ESM 2.1×20×90×26.5	2.1	20	90	26.5	165.4	119.26	1.33	19.16	Carbon
ESM 2.1×20×92.5×27.5	2.1	20	92.5	27.5	171.3	119.26	1.27	19.16	Carbon
ESM 2.1×20×95×28.5	2.1	20	95	28.5	177.19	119.26	1.22	19.16	Carbon
ESM 2.1×20×97.5×29.5	2.1	20	97.5	29.5	183.09	119.26	1.17	19.16	Carbon
ESM 2.1×20×100×31.5	2.1	20	100	31.5	188.99	119.26	1.12	19.16	Carbon
ESM 2.1×20×102.5×32.5	2.1	20	102.5	32.5	194.89	119.26	1.08	19.16	Carbon
ESS 2.1×20×55×9.5	2.1	20	55	9.5	82.92	102.89	3	19.16	Stainless
ESS 2.1×20×57.5×10.5	2.1	20	57.5	10.5	88.83	102.89	2.67	19.16	Stainless
ESS 2.1×20×60×12.5	2.1	20	60	12.5	94.74	102.89	2.41	19.16	Stainless
ESS 2.1×20×62.5×13.5	2.1	20	62.5	13.5	100.65	102.89	2.19	19.16	Stainless
ESS 2.1×20×65×14.5	2.1	20	65	14.5	106.56	102.89	2.01	19.16	Stainless
ESS 2.1×20×67.5×15.5	2.1	20	67.5	15.5	112.47	102.89	1.86	19.16	Stainless
ESS 2.1×20×70×16.5	2.1	20	70	16.5	118.38	102.89	1.73	19.16	Stainless
ESS 2.1×20×72.5×18.5	2.1	20	72.5	18.5	124.29	102.89	1.62	19.16	Stainless
ESS 2.1×20×75×19.5	2.1	20	75	19.5	130.21	102.89	1.52	19.16	Stainless
ESS 2.1×20×77.5×20.5	2.1	20	77.5	20.5	136.11	102.89	1.43	19.16	Stainless
ESS 2.1×20×80×21.5	2.1	20	80	21.5	142.03	102.89	1.35	19.16	Stainless
ESS 2.1×20×82.5×22.5	2.1	20	82.5	22.5	147.94	102.89	1.28	19.16	Stainless
ESS 2.1×20×85×24.5	2.1	20	85	24.5	153.85	102.89	1.22	19.16	Stainless
ESS 2.1×20×87.5×25.5	2.1	20	87.5	25.5	159.76	102.89	1.16	19.16	Stainless
ESS 2.1×20×90×26.5	2.1	20	90	26.5	165.67	102.89	1.11	19.16	Stainless
ESS 2.1×20×92.5×27.5	2.1	20	92.5	27.5	171.58	102.89	1.06	19.16	Stainless
ESS 2.1×20×95×28.5	2.1	20	95	28.5	177.5	102.89	1.01	19.16	Stainless
ESS 2.1×20×97.5×29.5	2.1	20	97.5	29.5	183.41	102.89	0.97	19.16	Stainless
ESS 2.1×20×100×31.5	2.1	20	100	31.5	189.32	102.89	0.94	19.16	Stainless
ESS 2.1×20×102.5×32.5	2.1	20	102.5	32.5	195.23	102.89	0.9	19.16	Stainless
ESM 2.2×20×57.5×10.5	2.2	20	57.5	10.5	85.33	136.44	4.07	23.19	Carbon
ESM 2.2×20×60×11.5	2.2	20	60	11.5	90.83	136.44	3.67	23.19	Carbon
ESM 2.2×20×62.5×12.5	2.2	20	62.5	12.5	96.32	136.44	3.35	23.19	Carbon
ESM 2.2×20×65×13.5	2.2	20	65	13.5	101.82	136.44	3.08	23.19	Carbon
ESM 2.2×20×67.5×15.5	2.2	20	67.5	15.5	107.32	136.44	2.84	23.19	Carbon
ESM 2.2×20×70×16.5	2.2	20	70	16.5	112.81	136.44	2.65	23.19	Carbon

M: Carbon Steel;
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OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×20×72.5×17.5	2.2	20	72.5	17.5	118.31	136.44	2.47	23.19	Carbon
ESM 2.2×20×75×18.5	2.2	20	75	18.5	123.81	136.44	2.32	23.19	Carbon
ESM 2.2×20×77.5×19.5	2.2	20	77.5	19.5	129.3	136.44	2.19	23.19	Carbon
ESM 2.2×20×80×20.5	2.2	20	80	20.5	134.8	136.44	2.07	23.19	Carbon
ESM 2.2×20×82.5×21.5	2.2	20	82.5	21.5	140.29	136.44	1.96	23.19	Carbon
ESM 2.2×20×85×23.5	2.2	20	85	23.5	145.79	136.44	1.86	23.19	Carbon
ESM 2.2×20×87.5×24.5	2.2	20	87.5	24.5	151.29	136.44	1.78	23.19	Carbon
ESM 2.2×20×90×25.5	2.2	20	90	25.5	156.79	136.44	1.7	23.19	Carbon
ESM 2.2×20×92.5×26.5	2.2	20	92.5	26.5	162.28	136.44	1.62	23.19	Carbon
ESM 2.2×20×95×27.5	2.2	20	95	27.5	167.78	136.44	1.56	23.19	Carbon
ESM 2.2×20×97.5×28.5	2.2	20	97.5	28.5	173.27	136.44	1.49	23.19	Carbon
ESM 2.2×20×100×29.5	2.2	20	100	29.5	178.77	136.44	1.44	23.19	Carbon
ESM 2.2×20×102.5×31.5	2.2	20	102.5	31.5	184.27	136.44	1.39	23.19	Carbon
ESM 2.2×20×105×32.5	2.2	20	105	32.5	189.76	136.44	1.34	23.19	Carbon
ESS 2.2×20×57.5×10.5	2.2	20	57.5	10.5	85.46	117.99	3.39	23.19	Stainless
ESS 2.2×20×60×11.5	2.2	20	60	11.5	90.97	117.99	3.06	23.19	Stainless
ESS 2.2×20×62.5×12.5	2.2	20	62.5	12.5	96.47	117.99	2.79	23.19	Stainless
ESS 2.2×20×65×13.5	2.2	20	65	13.5	101.98	117.99	2.56	23.19	Stainless
ESS 2.2×20×67.5×15.5	2.2	20	67.5	15.5	107.49	117.99	2.37	23.19	Stainless
ESS 2.2×20×70×16.5	2.2	20	70	16.5	113	117.99	2.2	23.19	Stainless
ESS 2.2×20×72.5×17.5	2.2	20	72.5	17.5	118.51	117.99	2.06	23.19	Stainless
ESS 2.2×20×75×18.5	2.2	20	75	18.5	124.02	117.99	1.93	23.19	Stainless
ESS 2.2×20×77.5×19.5	2.2	20	77.5	19.5	129.54	117.99	1.82	23.19	Stainless
ESS 2.2×20×80×20.5	2.2	20	80	20.5	135.04	117.99	1.72	23.19	Stainless
ESS 2.2×20×82.5×21.5	2.2	20	82.5	21.5	140.55	117.99	1.63	23.19	Stainless
ESS 2.2×20×85×23.5	2.2	20	85	23.5	146.07	117.99	1.55	23.19	Stainless
ESS 2.2×20×87.5×24.5	2.2	20	87.5	24.5	151.57	117.99	1.48	23.19	Stainless
ESS 2.2×20×90×25.5	2.2	20	90	25.5	157.08	117.99	1.41	23.19	Stainless
ESS 2.2×20×92.5×26.5	2.2	20	92.5	26.5	162.6	117.99	1.35	23.19	Stainless
ESS 2.2×20×95×27.5	2.2	20	95	27.5	168.11	117.99	1.3	23.19	Stainless
ESS 2.2×20×97.5×28.5	2.2	20	97.5	28.5	173.61	117.99	1.25	23.19	Stainless
ESS 2.2×20×100×29.5	2.2	20	100	29.5	179.12	117.99	1.2	23.19	Stainless
ESS 2.2×20×102.5×31.5	2.2	20	102.5	31.5	184.63	117.99	1.15	23.19	Stainless
ESS 2.2×20×105×32.5	2.2	20	105	32.5	190.14	117.99	1.11	23.19	Stainless
ESM 2.3×20×57.5×10.5	2.3	20	57.5	10.5	82.52	155.67	5.11	27.77	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×20×60×11.5	2.3	20	60	11.5	87.68	155.67	4.62	27.77	Carbon
ESM 2.3×20×62.5×12.5	2.3	20	62.5	12.5	92.85	155.67	4.21	27.77	Carbon
ESM 2.3×20×65×13.5	2.3	20	65	13.5	98.01	155.67	3.87	27.77	Carbon
ESM 2.3×20×67.5×14.5	2.3	20	67.5	14.5	103.18	155.67	3.58	27.77	Carbon
ESM 2.3×20×70×15.5	2.3	20	70	15.5	108.34	155.67	3.34	27.77	Carbon
ESM 2.3×20×72.5×16.5	2.3	20	72.5	16.5	113.5	155.67	3.12	27.77	Carbon
ESM 2.3×20×75×17.5	2.3	20	75	17.5	118.67	155.67	2.93	27.77	Carbon
ESM 2.3×20×77.5×18.5	2.3	20	77.5	18.5	123.83	155.67	2.76	27.77	Carbon
ESM 2.3×20×80×19.5	2.3	20	80	19.5	129	155.67	2.61	27.77	Carbon
ESM 2.3×20×82.5×21.5	2.3	20	82.5	21.5	134.16	155.67	2.48	27.77	Carbon
ESM 2.3×20×85×22.5	2.3	20	85	22.5	139.32	155.67	2.35	27.77	Carbon
ESM 2.3×20×87.5×23.5	2.3	20	87.5	23.5	144.49	155.67	2.24	27.77	Carbon
ESM 2.3×20×90×24.5	2.3	20	90	24.5	149.65	155.67	2.14	27.77	Carbon
ESM 2.3×20×92.5×25.5	2.3	20	92.5	25.5	154.82	155.67	2.05	27.77	Carbon
ESM 2.3×20×95×26.5	2.3	20	95	26.5	159.98	155.67	1.97	27.77	Carbon
ESM 2.3×20×97.5×27.5	2.3	20	97.5	27.5	165.15	155.67	1.89	27.77	Carbon
ESM 2.3×20×100×28.5	2.3	20	100	28.5	170.31	155.67	1.82	27.77	Carbon
ESM 2.3×20×102.5×29.5	2.3	20	102.5	29.5	175.47	155.67	1.75	27.77	Carbon
ESM 2.3×20×105×30.5	2.3	20	105	30.5	180.64	155.67	1.69	27.77	Carbon
ESS 2.3×20×57.5×10.5	2.3	20	57.5	10.5	82.55	134.47	4.26	27.77	Stainless
ESS 2.3×20×60×11.5	2.3	20	60	11.5	87.71	134.47	3.85	27.77	Stainless
ESS 2.3×20×62.5×12.5	2.3	20	62.5	12.5	92.88	134.47	3.51	27.77	Stainless
ESS 2.3×20×65×13.5	2.3	20	65	13.5	98.05	134.47	3.23	27.77	Stainless
ESS 2.3×20×67.5×14.5	2.3	20	67.5	14.5	103.22	134.47	2.99	27.77	Stainless
ESS 2.3×20×70×15.5	2.3	20	70	15.5	108.38	134.47	2.78	27.77	Stainless
ESS 2.3×20×72.5×16.5	2.3	20	72.5	16.5	113.55	134.47	2.6	27.77	Stainless
ESS 2.3×20×75×17.5	2.3	20	75	17.5	118.71	134.47	2.44	27.77	Stainless
ESS 2.3×20×77.5×18.5	2.3	20	77.5	18.5	123.88	134.47	2.3	27.77	Stainless
ESS 2.3×20×80×19.5	2.3	20	80	19.5	129.05	134.47	2.18	27.77	Stainless
ESS 2.3×20×82.5×21.5	2.3	20	82.5	21.5	134.22	134.47	2.06	27.77	Stainless
ESS 2.3×20×85×22.5	2.3	20	85	22.5	139.38	134.47	1.96	27.77	Stainless
ESS 2.3×20×87.5×23.5	2.3	20	87.5	23.5	144.55	134.47	1.87	27.77	Stainless
ESS 2.3×20×90×24.5	2.3	20	90	24.5	149.72	134.47	1.79	27.77	Stainless
ESS 2.3×20×92.5×25.5	2.3	20	92.5	25.5	154.88	134.47	1.71	27.77	Stainless
ESS 2.3×20×95×26.5	2.3	20	95	26.5	160.05	134.47	1.64	27.77	Stainless

M: Carbon Steel;
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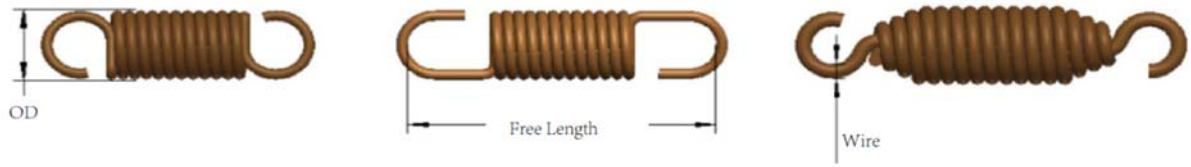
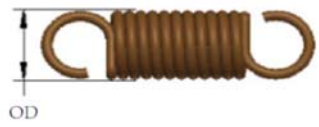


SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.3×20×97.5×27.5	2.3	20	97.5	27.5	165.22	134.47	1.58	27.77	Stainless
ESS 2.3×20×100×28.5	2.3	20	100	28.5	170.38	134.47	1.52	27.77	Stainless
ESS 2.3×20×102.5×29.5	2.3	20	102.5	29.5	175.55	134.47	1.46	27.77	Stainless
ESS 2.3×20×105×30.5	2.3	20	105	30.5	180.72	134.47	1.41	27.77	Stainless
ESM 2.4×20×57.5×9.5	2.4	20	57.5	9.5	80.08	176.6	6.36	32.96	Carbon
ESM 2.4×20×60×10.5	2.4	20	60	10.5	84.96	176.6	5.76	32.96	Carbon
ESM 2.4×20×62.5×11.5	2.4	20	62.5	11.5	89.83	176.6	5.26	32.96	Carbon
ESM 2.4×20×65×13.5	2.4	20	65	13.5	94.71	176.6	4.83	32.96	Carbon
ESM 2.4×20×67.5×14.5	2.4	20	67.5	14.5	99.59	176.6	4.48	32.96	Carbon
ESM 2.4×20×70×15.5	2.4	20	70	15.5	104.47	176.6	4.17	32.96	Carbon
ESM 2.4×20×72.5×16.5	2.4	20	72.5	16.5	109.34	176.6	3.9	32.96	Carbon
ESM 2.4×20×75×17.5	2.4	20	75	17.5	114.22	176.6	3.66	32.96	Carbon
ESM 2.4×20×77.5×18.5	2.4	20	77.5	18.5	119.1	176.6	3.45	32.96	Carbon
ESM 2.4×20×80×19.5	2.4	20	80	19.5	123.98	176.6	3.27	32.96	Carbon
ESM 2.4×20×82.5×20.5	2.4	20	82.5	20.5	128.85	176.6	3.1	32.96	Carbon
ESM 2.4×20×85×21.5	2.4	20	85	21.5	133.73	176.6	2.95	32.96	Carbon
ESM 2.4×20×87.5×22.5	2.4	20	87.5	22.5	138.61	176.6	2.81	32.96	Carbon
ESM 2.4×20×90×23.5	2.4	20	90	23.5	143.49	176.6	2.69	32.96	Carbon
ESM 2.4×20×92.5×24.5	2.4	20	92.5	24.5	148.36	176.6	2.57	32.96	Carbon
ESM 2.4×20×95×25.5	2.4	20	95	25.5	153.24	176.6	2.47	32.96	Carbon
ESM 2.4×20×97.5×26.5	2.4	20	97.5	26.5	158.12	176.6	2.37	32.96	Carbon
ESM 2.4×20×100×27.5	2.4	20	100	27.5	163	176.6	2.28	32.96	Carbon
ESM 2.4×20×102.5×28.5	2.4	20	102.5	28.5	167.87	176.6	2.2	32.96	Carbon
ESM 2.4×20×105×29.5	2.4	20	105	29.5	172.75	176.6	2.12	32.96	Carbon
ESS 2.4×20×57.5×9.5	2.4	20	57.5	9.5	80.02	152.37	5.3	32.96	Stainless
ESS 2.4×20×60×10.5	2.4	20	60	10.5	84.9	152.37	4.8	32.96	Stainless
ESS 2.4×20×62.5×11.5	2.4	20	62.5	11.5	89.77	152.37	4.38	32.96	Stainless
ESS 2.4×20×65×13.5	2.4	20	65	13.5	94.64	152.37	4.03	32.96	Stainless
ESS 2.4×20×67.5×14.5	2.4	20	67.5	14.5	99.51	152.37	3.73	32.96	Stainless
ESS 2.4×20×70×15.5	2.4	20	70	15.5	104.38	152.37	3.47	32.96	Stainless
ESS 2.4×20×72.5×16.5	2.4	20	72.5	16.5	109.25	152.37	3.25	32.96	Stainless
ESS 2.4×20×75×17.5	2.4	20	75	17.5	114.13	152.37	3.05	32.96	Stainless
ESS 2.4×20×77.5×18.5	2.4	20	77.5	18.5	119	152.37	2.88	32.96	Stainless
ESS 2.4×20×80×19.5	2.4	20	80	19.5	123.87	152.37	2.72	32.96	Stainless
ESS 2.4×20×82.5×20.5	2.4	20	82.5	20.5	128.74	152.37	2.58	32.96	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×20×85×21.5	2.4	20	85	21.5	133.62	152.37	2.46	32.96	Stainless
ESS 2.4×20×87.5×22.5	2.4	20	87.5	22.5	138.49	152.37	2.34	32.96	Stainless
ESS 2.4×20×90×23.5	2.4	20	90	23.5	143.36	152.37	2.24	32.96	Stainless
ESS 2.4×20×92.5×24.5	2.4	20	92.5	24.5	148.23	152.37	2.14	32.96	Stainless
ESS 2.4×20×95×25.5	2.4	20	95	25.5	153.1	152.37	2.06	32.96	Stainless
ESS 2.4×20×97.5×26.5	2.4	20	97.5	26.5	157.97	152.37	1.97	32.96	Stainless
ESS 2.4×20×100×27.5	2.4	20	100	27.5	162.85	152.37	1.9	32.96	Stainless
ESS 2.4×20×102.5×28.5	2.4	20	102.5	28.5	167.72	152.37	1.83	32.96	Stainless
ESS 2.4×20×105×29.5	2.4	20	105	29.5	172.59	152.37	1.77	32.96	Stainless
ESM 1.4×21×57.5×13.5	1.4	21	57.5	13.5	138.28	34.09	0.39	2.92	Carbon
ESM 1.4×21×60×15.5	1.4	21	60	15.5	151.33	34.09	0.34	2.92	Carbon
ESM 1.4×21×62.5×17.5	1.4	21	62.5	17.5	164.37	34.09	0.31	2.92	Carbon
ESM 1.4×21×65×19.5	1.4	21	65	19.5	177.41	34.09	0.28	2.92	Carbon
ESM 1.4×21×67.5×20.5	1.4	21	67.5	20.5	190.47	34.09	0.25	2.92	Carbon
ESM 1.4×21×70×22.5	1.4	21	70	22.5	203.56	34.09	0.23	2.92	Carbon
ESM 1.4×21×72.5×24.5	1.4	21	72.5	24.5	216.62	34.09	0.22	2.92	Carbon
ESM 1.4×21×75×26.5	1.4	21	75	26.5	229.63	34.09	0.2	2.92	Carbon
ESM 1.4×21×77.5×27.5	1.4	21	77.5	27.5	242.7	34.09	0.19	2.92	Carbon
ESM 1.4×21×80×29.5	1.4	21	80	29.5	255.72	34.09	0.18	2.92	Carbon
ESM 1.4×21×82.5×31.5	1.4	21	82.5	31.5	268.83	34.09	0.17	2.92	Carbon
ESM 1.4×21×85×33.5	1.4	21	85	33.5	281.8	34.09	0.16	2.92	Carbon
ESM 1.4×21×87.5×35.5	1.4	21	87.5	35.5	294.9	34.09	0.15	2.92	Carbon
ESM 1.4×21×90×36.5	1.4	21	90	36.5	307.99	34.09	0.14	2.92	Carbon
ESM 1.4×21×92.5×38.5	1.4	21	92.5	38.5	321.04	34.09	0.14	2.92	Carbon
ESM 1.4×21×95×40.5	1.4	21	95	40.5	334.05	34.09	0.13	2.92	Carbon
ESM 1.4×21×97.5×42.5	1.4	21	97.5	42.5	347.08	34.09	0.12	2.92	Carbon
ESM 1.4×21×100×44.5	1.4	21	100	44.5	360.21	34.09	0.12	2.92	Carbon
ESM 1.4×21×102.5×45.5	1.4	21	102.5	45.5	373.1	34.09	0.12	2.92	Carbon
ESM 1.4×21×105×47.5	1.4	21	105	47.5	386.34	34.09	0.11	2.92	Carbon
ESS 1.4×21×57.5×13.5	1.4	21	57.5	13.5	139.94	29.43	0.32	2.92	Stainless
ESS 1.4×21×60×15.5	1.4	21	60	15.5	153.23	29.43	0.28	2.92	Stainless
ESS 1.4×21×62.5×17.5	1.4	21	62.5	17.5	166.47	29.43	0.26	2.92	Stainless
ESS 1.4×21×65×19.5	1.4	21	65	19.5	179.78	29.43	0.23	2.92	Stainless
ESS 1.4×21×67.5×20.5	1.4	21	67.5	20.5	193.04	29.43	0.21	2.92	Stainless
ESS 1.4×21×70×22.5	1.4	21	70	22.5	206.32	29.43	0.19	2.92	Stainless

M: Carbon Steel;
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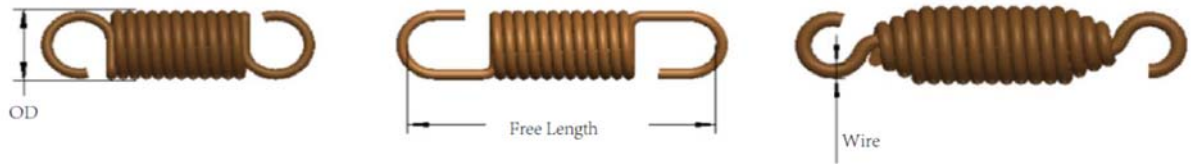
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.4×21×72.5×24.5	1.4	21	72.5	24.5	219.55	29.43	0.18	2.92	Stainless
ESS 1.4×21×75×26.5	1.4	21	75	26.5	232.82	29.43	0.17	2.92	Stainless
ESS 1.4×21×77.5×27.5	1.4	21	77.5	27.5	246.05	29.43	0.16	2.92	Stainless
ESS 1.4×21×80×29.5	1.4	21	80	29.5	259.39	29.43	0.15	2.92	Stainless
ESS 1.4×21×82.5×31.5	1.4	21	82.5	31.5	272.7	29.43	0.14	2.92	Stainless
ESS 1.4×21×85×33.5	1.4	21	85	33.5	285.86	29.43	0.13	2.92	Stainless
ESS 1.4×21×87.5×35.5	1.4	21	87.5	35.5	299.1	29.43	0.13	2.92	Stainless
ESS 1.4×21×90×36.5	1.4	21	90	36.5	312.43	29.43	0.12	2.92	Stainless
ESS 1.4×21×92.5×38.5	1.4	21	92.5	38.5	325.69	29.43	0.11	2.92	Stainless
ESS 1.4×21×95×40.5	1.4	21	95	40.5	338.91	29.43	0.11	2.92	Stainless
ESS 1.4×21×97.5×42.5	1.4	21	97.5	42.5	352.19	29.43	0.1	2.92	Stainless
ESS 1.4×21×100×44.5	1.4	21	100	44.5	365.4	29.43	0.1	2.92	Stainless
ESS 1.4×21×102.5×45.5	1.4	21	102.5	45.5	378.68	29.43	0.1	2.92	Stainless
ESS 1.4×21×105×47.5	1.4	21	105	47.5	391.94	29.43	0.09	2.92	Stainless
ESM 1.5×21×57.5×12.5	1.5	21	57.5	12.5	126.59	41.72	0.55	4.01	Carbon
ESM 1.5×21×60×14.5	1.5	21	60	14.5	137.99	41.72	0.48	4.01	Carbon
ESM 1.5×21×62.5×16.5	1.5	21	62.5	16.5	149.41	41.72	0.43	4.01	Carbon
ESM 1.5×21×65×17.5	1.5	21	65	17.5	160.8	41.72	0.39	4.01	Carbon
ESM 1.5×21×67.5×19.5	1.5	21	67.5	19.5	172.21	41.72	0.36	4.01	Carbon
ESM 1.5×21×70×21.5	1.5	21	70	21.5	183.61	41.72	0.33	4.01	Carbon
ESM 1.5×21×72.5×22.5	1.5	21	72.5	22.5	195.04	41.72	0.31	4.01	Carbon
ESM 1.5×21×75×24.5	1.5	21	75	24.5	206.42	41.72	0.29	4.01	Carbon
ESM 1.5×21×77.5×26.5	1.5	21	77.5	26.5	217.82	41.72	0.27	4.01	Carbon
ESM 1.5×21×80×27.5	1.5	21	80	27.5	229.26	41.72	0.25	4.01	Carbon
ESM 1.5×21×82.5×29.5	1.5	21	82.5	29.5	240.64	41.72	0.24	4.01	Carbon
ESM 1.5×21×85×31.5	1.5	21	85	31.5	252.04	41.72	0.23	4.01	Carbon
ESM 1.5×21×87.5×32.5	1.5	21	87.5	32.5	263.42	41.72	0.21	4.01	Carbon
ESM 1.5×21×90×34.5	1.5	21	90	34.5	274.89	41.72	0.2	4.01	Carbon
ESM 1.5×21×92.5×36.5	1.5	21	92.5	36.5	286.22	41.72	0.19	4.01	Carbon
ESM 1.5×21×95×37.5	1.5	21	95	37.5	297.67	41.72	0.19	4.01	Carbon
ESM 1.5×21×97.5×39.5	1.5	21	97.5	39.5	309.04	41.72	0.18	4.01	Carbon
ESM 1.5×21×100×41.5	1.5	21	100	41.5	320.44	41.72	0.17	4.01	Carbon
ESM 1.5×21×102.5×42.5	1.5	21	102.5	42.5	331.93	41.72	0.16	4.01	Carbon
ESM 1.5×21×105×44.5	1.5	21	105	44.5	343.27	41.72	0.16	4.01	Carbon
ESS 1.5×21×57.5×12.5	1.5	21	57.5	12.5	128.06	36.1	0.45	4.01	Stainless

M: Carbon Steel;
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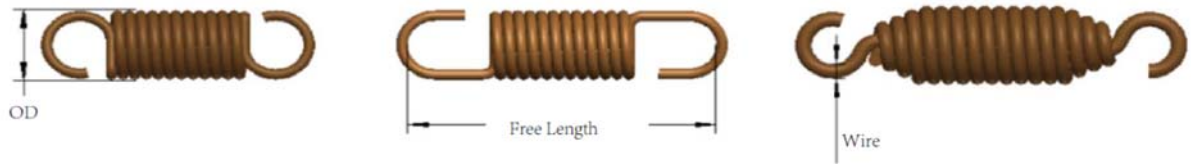
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×21×60×14.5	1.5	21	60	14.5	139.65	36.1	0.4	4.01	Stainless
ESS 1.5×21×62.5×16.5	1.5	21	62.5	16.5	151.24	36.1	0.36	4.01	Stainless
ESS 1.5×21×65×17.5	1.5	21	65	17.5	162.83	36.1	0.33	4.01	Stainless
ESS 1.5×21×67.5×19.5	1.5	21	67.5	19.5	174.42	36.1	0.3	4.01	Stainless
ESS 1.5×21×70×21.5	1.5	21	70	21.5	186.05	36.1	0.28	4.01	Stainless
ESS 1.5×21×72.5×22.5	1.5	21	72.5	22.5	197.64	36.1	0.26	4.01	Stainless
ESS 1.5×21×75×24.5	1.5	21	75	24.5	209.19	36.1	0.24	4.01	Stainless
ESS 1.5×21×77.5×26.5	1.5	21	77.5	26.5	220.8	36.1	0.22	4.01	Stainless
ESS 1.5×21×80×27.5	1.5	21	80	27.5	232.41	36.1	0.21	4.01	Stainless
ESS 1.5×21×82.5×29.5	1.5	21	82.5	29.5	243.96	36.1	0.2	4.01	Stainless
ESS 1.5×21×85×31.5	1.5	21	85	31.5	255.55	36.1	0.19	4.01	Stainless
ESS 1.5×21×87.5×32.5	1.5	21	87.5	32.5	267.22	36.1	0.18	4.01	Stainless
ESS 1.5×21×90×34.5	1.5	21	90	34.5	278.81	36.1	0.17	4.01	Stainless
ESS 1.5×21×92.5×36.5	1.5	21	92.5	36.5	290.39	36.1	0.16	4.01	Stainless
ESS 1.5×21×95×37.5	1.5	21	95	37.5	301.95	36.1	0.16	4.01	Stainless
ESS 1.5×21×97.5×39.5	1.5	21	97.5	39.5	313.5	36.1	0.15	4.01	Stainless
ESS 1.5×21×100×41.5	1.5	21	100	41.5	325.09	36.1	0.14	4.01	Stainless
ESS 1.5×21×102.5×42.5	1.5	21	102.5	42.5	336.79	36.1	0.14	4.01	Stainless
ESS 1.5×21×105×44.5	1.5	21	105	44.5	348.35	36.1	0.13	4.01	Stainless
ESM 1.6×21×57.5×12.5	1.6	21	57.5	12.5	117.33	50.56	0.76	5.36	Carbon
ESM 1.6×21×60×13.5	1.6	21	60	13.5	127.45	50.56	0.67	5.36	Carbon
ESM 1.6×21×62.5×15.5	1.6	21	62.5	15.5	137.55	50.56	0.6	5.36	Carbon
ESM 1.6×21×65×16.5	1.6	21	65	16.5	147.66	50.56	0.55	5.36	Carbon
ESM 1.6×21×67.5×18.5	1.6	21	67.5	18.5	157.77	50.56	0.5	5.36	Carbon
ESM 1.6×21×70×20.5	1.6	21	70	20.5	167.87	50.56	0.46	5.36	Carbon
ESM 1.6×21×72.5×21.5	1.6	21	72.5	21.5	177.98	50.56	0.43	5.36	Carbon
ESM 1.6×21×75×23.5	1.6	21	75	23.5	188.11	50.56	0.4	5.36	Carbon
ESM 1.6×21×77.5×24.5	1.6	21	77.5	24.5	198.22	50.56	0.37	5.36	Carbon
ESM 1.6×21×80×26.5	1.6	21	80	26.5	208.33	50.56	0.35	5.36	Carbon
ESM 1.6×21×82.5×27.5	1.6	21	82.5	27.5	218.43	50.56	0.33	5.36	Carbon
ESM 1.6×21×85×29.5	1.6	21	85	29.5	228.53	50.56	0.31	5.36	Carbon
ESM 1.6×21×87.5×31.5	1.6	21	87.5	31.5	238.66	50.56	0.3	5.36	Carbon
ESM 1.6×21×90×32.5	1.6	21	90	32.5	248.75	50.56	0.28	5.36	Carbon
ESM 1.6×21×92.5×34.5	1.6	21	92.5	34.5	258.85	50.56	0.27	5.36	Carbon
ESM 1.6×21×95×35.5	1.6	21	95	35.5	268.97	50.56	0.26	5.36	Carbon

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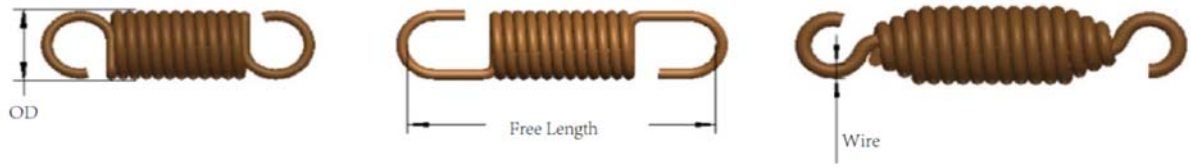
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.6×21×97.5×37.5	1.6	21	97.5	37.5	279.09	50.56	0.25	5.36	Carbon
ESM 1.6×21×100×38.5	1.6	21	100	38.5	289.19	50.56	0.24	5.36	Carbon
ESM 1.6×21×102.5×40.5	1.6	21	102.5	40.5	299.27	50.56	0.23	5.36	Carbon
ESM 1.6×21×105×41.5	1.6	21	105	41.5	309.42	50.56	0.22	5.36	Carbon
ESS 1.6×21×57.5×12.5	1.6	21	57.5	12.5	118.41	43.7	0.63	5.36	Stainless
ESS 1.6×21×60×13.5	1.6	21	60	13.5	128.65	43.7	0.56	5.36	Stainless
ESS 1.6×21×62.5×15.5	1.6	21	62.5	15.5	138.91	43.7	0.5	5.36	Stainless
ESS 1.6×21×65×16.5	1.6	21	65	16.5	149.16	43.7	0.46	5.36	Stainless
ESS 1.6×21×67.5×18.5	1.6	21	67.5	18.5	159.4	43.7	0.42	5.36	Stainless
ESS 1.6×21×70×20.5	1.6	21	70	20.5	169.64	43.7	0.38	5.36	Stainless
ESS 1.6×21×72.5×21.5	1.6	21	72.5	21.5	179.9	43.7	0.36	5.36	Stainless
ESS 1.6×21×75×23.5	1.6	21	75	23.5	190.14	43.7	0.33	5.36	Stainless
ESS 1.6×21×77.5×24.5	1.6	21	77.5	24.5	200.39	43.7	0.31	5.36	Stainless
ESS 1.6×21×80×26.5	1.6	21	80	26.5	210.64	43.7	0.29	5.36	Stainless
ESS 1.6×21×82.5×27.5	1.6	21	82.5	27.5	220.87	43.7	0.28	5.36	Stainless
ESS 1.6×21×85×29.5	1.6	21	85	29.5	231.12	43.7	0.26	5.36	Stainless
ESS 1.6×21×87.5×31.5	1.6	21	87.5	31.5	241.36	43.7	0.25	5.36	Stainless
ESS 1.6×21×90×32.5	1.6	21	90	32.5	251.58	43.7	0.24	5.36	Stainless
ESS 1.6×21×92.5×34.5	1.6	21	92.5	34.5	261.86	43.7	0.23	5.36	Stainless
ESS 1.6×21×95×35.5	1.6	21	95	35.5	272.1	43.7	0.22	5.36	Stainless
ESS 1.6×21×97.5×37.5	1.6	21	97.5	37.5	282.37	43.7	0.21	5.36	Stainless
ESS 1.6×21×100×38.5	1.6	21	100	38.5	292.58	43.7	0.2	5.36	Stainless
ESS 1.6×21×102.5×40.5	1.6	21	102.5	40.5	302.83	43.7	0.19	5.36	Stainless
ESS 1.6×21×105×41.5	1.6	21	105	41.5	313.04	43.7	0.18	5.36	Stainless
ESM 1.7×21×57.5×11.5	1.7	21	57.5	11.5	109.72	60.54	1.03	7.01	Carbon
ESM 1.7×21×60×13.5	1.7	21	60	13.5	118.77	60.54	0.91	7.01	Carbon
ESM 1.7×21×62.5×14.5	1.7	21	62.5	14.5	127.83	60.54	0.82	7.01	Carbon
ESM 1.7×21×65×16.5	1.7	21	65	16.5	136.88	60.54	0.74	7.01	Carbon
ESM 1.7×21×67.5×17.5	1.7	21	67.5	17.5	145.93	60.54	0.68	7.01	Carbon
ESM 1.7×21×70×19.5	1.7	21	70	19.5	154.99	60.54	0.63	7.01	Carbon
ESM 1.7×21×72.5×20.5	1.7	21	72.5	20.5	164.04	60.54	0.58	7.01	Carbon
ESM 1.7×21×75×22.5	1.7	21	75	22.5	173.09	60.54	0.55	7.01	Carbon
ESM 1.7×21×77.5×23.5	1.7	21	77.5	23.5	182.14	60.54	0.51	7.01	Carbon
ESM 1.7×21×80×24.5	1.7	21	80	24.5	191.21	60.54	0.48	7.01	Carbon
ESM 1.7×21×82.5×26.5	1.7	21	82.5	26.5	200.26	60.54	0.45	7.01	Carbon

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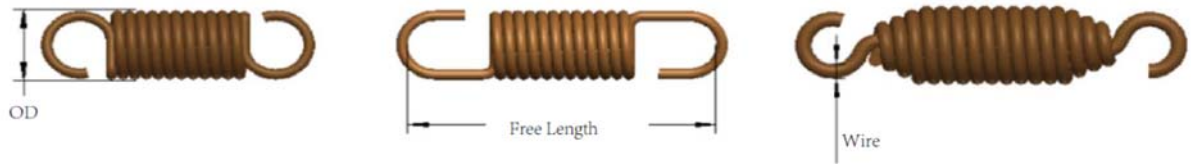
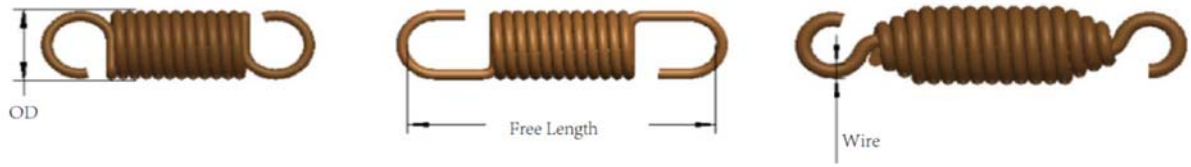
Max Length - Max Load



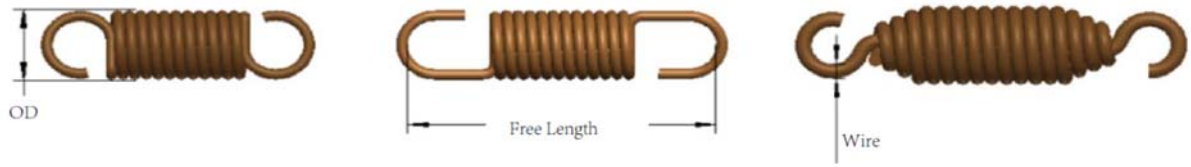
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×21×85×27.5	1.7	21	85	27.5	209.3	60.54	0.43	7.01	Carbon
ESM 1.7×21×87.5×29.5	1.7	21	87.5	29.5	218.36	60.54	0.41	7.01	Carbon
ESM 1.7×21×90×30.5	1.7	21	90	30.5	227.41	60.54	0.39	7.01	Carbon
ESM 1.7×21×92.5×32.5	1.7	21	92.5	32.5	236.45	60.54	0.37	7.01	Carbon
ESM 1.7×21×95×33.5	1.7	21	95	33.5	245.51	60.54	0.36	7.01	Carbon
ESM 1.7×21×97.5×35.5	1.7	21	97.5	35.5	254.59	60.54	0.34	7.01	Carbon
ESM 1.7×21×100×36.5	1.7	21	100	36.5	263.62	60.54	0.33	7.01	Carbon
ESM 1.7×21×102.5×38.5	1.7	21	102.5	38.5	272.67	60.54	0.31	7.01	Carbon
ESM 1.7×21×105×39.5	1.7	21	105	39.5	281.74	60.54	0.3	7.01	Carbon
ESS 1.7×21×57.5×11.5	1.7	21	57.5	11.5	110.48	52.28	0.85	7.01	Stainless
ESS 1.7×21×60×13.5	1.7	21	60	13.5	119.64	52.28	0.76	7.01	Stainless
ESS 1.7×21×62.5×14.5	1.7	21	62.5	14.5	128.79	52.28	0.68	7.01	Stainless
ESS 1.7×21×65×16.5	1.7	21	65	16.5	137.93	52.28	0.62	7.01	Stainless
ESS 1.7×21×67.5×17.5	1.7	21	67.5	17.5	147.09	52.28	0.57	7.01	Stainless
ESS 1.7×21×70×19.5	1.7	21	70	19.5	156.23	52.28	0.53	7.01	Stainless
ESS 1.7×21×72.5×20.5	1.7	21	72.5	20.5	165.38	52.28	0.49	7.01	Stainless
ESS 1.7×21×75×22.5	1.7	21	75	22.5	174.54	52.28	0.45	7.01	Stainless
ESS 1.7×21×77.5×23.5	1.7	21	77.5	23.5	183.69	52.28	0.43	7.01	Stainless
ESS 1.7×21×80×24.5	1.7	21	80	24.5	192.84	52.28	0.4	7.01	Stainless
ESS 1.7×21×82.5×26.5	1.7	21	82.5	26.5	201.98	52.28	0.38	7.01	Stainless
ESS 1.7×21×85×27.5	1.7	21	85	27.5	211.14	52.28	0.36	7.01	Stainless
ESS 1.7×21×87.5×29.5	1.7	21	87.5	29.5	220.3	52.28	0.34	7.01	Stainless
ESS 1.7×21×90×30.5	1.7	21	90	30.5	229.42	52.28	0.32	7.01	Stainless
ESS 1.7×21×92.5×32.5	1.7	21	92.5	32.5	238.58	52.28	0.31	7.01	Stainless
ESS 1.7×21×95×33.5	1.7	21	95	33.5	247.73	52.28	0.3	7.01	Stainless
ESS 1.7×21×97.5×35.5	1.7	21	97.5	35.5	256.9	52.28	0.28	7.01	Stainless
ESS 1.7×21×100×36.5	1.7	21	100	36.5	266.01	52.28	0.27	7.01	Stainless
ESS 1.7×21×102.5×38.5	1.7	21	102.5	38.5	275.16	52.28	0.26	7.01	Stainless
ESS 1.7×21×105×39.5	1.7	21	105	39.5	284.36	52.28	0.25	7.01	Stainless
ESM 1.8×21×57.5×11.5	1.8	21	57.5	11.5	103.38	71.75	1.37	8.98	Carbon
ESM 1.8×21×60×12.5	1.8	21	60	12.5	111.56	71.75	1.22	8.98	Carbon
ESM 1.8×21×62.5×13.5	1.8	21	62.5	13.5	119.75	71.75	1.1	8.98	Carbon
ESM 1.8×21×65×15.5	1.8	21	65	15.5	127.93	71.75	1	8.98	Carbon
ESM 1.8×21×67.5×16.5	1.8	21	67.5	16.5	136.12	71.75	0.91	8.98	Carbon
ESM 1.8×21×70×18.5	1.8	21	70	18.5	144.3	71.75	0.84	8.98	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



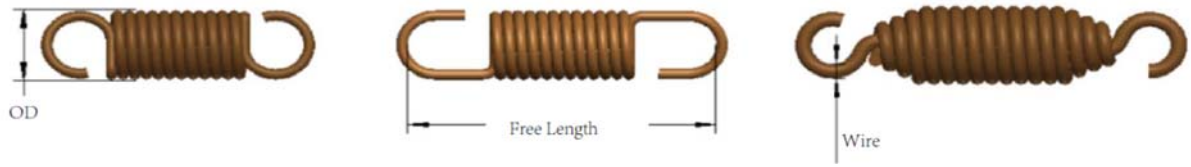
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×21×72.5×19.5	1.8	21	72.5	19.5	152.48	71.75	0.78	8.98	Carbon
ESM 1.8×21×75×20.5	1.8	21	75	20.5	160.67	71.75	0.73	8.98	Carbon
ESM 1.8×21×77.5×22.5	1.8	21	77.5	22.5	168.84	71.75	0.69	8.98	Carbon
ESM 1.8×21×80×23.5	1.8	21	80	23.5	177.04	71.75	0.65	8.98	Carbon
ESM 1.8×21×82.5×25.5	1.8	21	82.5	25.5	185.22	71.75	0.61	8.98	Carbon
ESM 1.8×21×85×26.5	1.8	21	85	26.5	193.4	71.75	0.58	8.98	Carbon
ESM 1.8×21×87.5×27.5	1.8	21	87.5	27.5	201.59	71.75	0.55	8.98	Carbon
ESM 1.8×21×90×29.5	1.8	21	90	29.5	209.78	71.75	0.52	8.98	Carbon
ESM 1.8×21×92.5×30.5	1.8	21	92.5	30.5	217.95	71.75	0.5	8.98	Carbon
ESM 1.8×21×95×32.5	1.8	21	95	32.5	226.14	71.75	0.48	8.98	Carbon
ESM 1.8×21×97.5×33.5	1.8	21	97.5	33.5	234.33	71.75	0.46	8.98	Carbon
ESM 1.8×21×100×34.5	1.8	21	100	34.5	242.51	71.75	0.44	8.98	Carbon
ESM 1.8×21×102.5×36.5	1.8	21	102.5	36.5	250.7	71.75	0.42	8.98	Carbon
ESM 1.8×21×105×37.5	1.8	21	105	37.5	258.87	71.75	0.41	8.98	Carbon
ESS 1.8×21×57.5×11.5	1.8	21	57.5	11.5	103.9	61.88	1.14	8.98	Stainless
ESS 1.8×21×60×12.5	1.8	21	60	12.5	112.15	61.88	1.01	8.98	Stainless
ESS 1.8×21×62.5×13.5	1.8	21	62.5	13.5	120.4	61.88	0.91	8.98	Stainless
ESS 1.8×21×65×15.5	1.8	21	65	15.5	128.65	61.88	0.83	8.98	Stainless
ESS 1.8×21×67.5×16.5	1.8	21	67.5	16.5	136.9	61.88	0.76	8.98	Stainless
ESS 1.8×21×70×18.5	1.8	21	70	18.5	145.15	61.88	0.7	8.98	Stainless
ESS 1.8×21×72.5×19.5	1.8	21	72.5	19.5	153.4	61.88	0.65	8.98	Stainless
ESS 1.8×21×75×20.5	1.8	21	75	20.5	161.65	61.88	0.61	8.98	Stainless
ESS 1.8×21×77.5×22.5	1.8	21	77.5	22.5	169.9	61.88	0.57	8.98	Stainless
ESS 1.8×21×80×23.5	1.8	21	80	23.5	178.15	61.88	0.54	8.98	Stainless
ESS 1.8×21×82.5×25.5	1.8	21	82.5	25.5	186.39	61.88	0.51	8.98	Stainless
ESS 1.8×21×85×26.5	1.8	21	85	26.5	194.64	61.88	0.48	8.98	Stainless
ESS 1.8×21×87.5×27.5	1.8	21	87.5	27.5	202.9	61.88	0.46	8.98	Stainless
ESS 1.8×21×90×29.5	1.8	21	90	29.5	211.14	61.88	0.44	8.98	Stainless
ESS 1.8×21×92.5×30.5	1.8	21	92.5	30.5	219.39	61.88	0.42	8.98	Stainless
ESS 1.8×21×95×32.5	1.8	21	95	32.5	227.65	61.88	0.4	8.98	Stainless
ESS 1.8×21×97.5×33.5	1.8	21	97.5	33.5	235.87	61.88	0.38	8.98	Stainless
ESS 1.8×21×100×34.5	1.8	21	100	34.5	244.14	61.88	0.37	8.98	Stainless
ESS 1.8×21×102.5×36.5	1.8	21	102.5	36.5	252.4	61.88	0.35	8.98	Stainless
ESS 1.8×21×105×37.5	1.8	21	105	37.5	260.64	61.88	0.34	8.98	Stainless
ESM 1.9×21×57.5×10.5	1.9	21	57.5	10.5	97.89	83.95	1.8	11.33	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



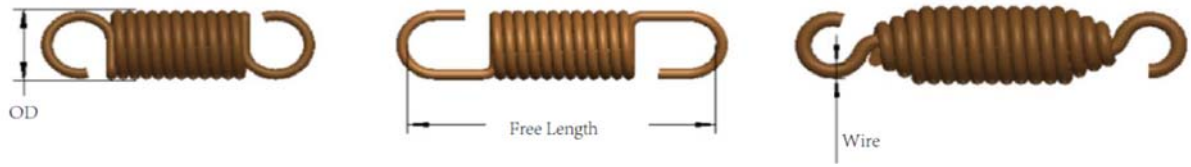
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.9×21×60×12.5	1.9	21	60	12.5	105.34	83.95	1.6	11.33	Carbon
ESM 1.9×21×62.5×13.5	1.9	21	62.5	13.5	112.78	83.95	1.44	11.33	Carbon
ESM 1.9×21×65×14.5	1.9	21	65	14.5	120.22	83.95	1.32	11.33	Carbon
ESM 1.9×21×67.5×16.5	1.9	21	67.5	16.5	127.65	83.95	1.21	11.33	Carbon
ESM 1.9×21×70×17.5	1.9	21	70	17.5	135.1	83.95	1.12	11.33	Carbon
ESM 1.9×21×72.5×18.5	1.9	21	72.5	18.5	142.53	83.95	1.04	11.33	Carbon
ESM 1.9×21×75×19.5	1.9	21	75	19.5	149.98	83.95	0.97	11.33	Carbon
ESM 1.9×21×77.5×21.5	1.9	21	77.5	21.5	157.42	83.95	0.91	11.33	Carbon
ESM 1.9×21×80×22.5	1.9	21	80	22.5	164.86	83.95	0.86	11.33	Carbon
ESM 1.9×21×82.5×23.5	1.9	21	82.5	23.5	172.3	83.95	0.81	11.33	Carbon
ESM 1.9×21×85×25.5	1.9	21	85	25.5	179.74	83.95	0.77	11.33	Carbon
ESM 1.9×21×87.5×26.5	1.9	21	87.5	26.5	187.18	83.95	0.73	11.33	Carbon
ESM 1.9×21×90×27.5	1.9	21	90	27.5	194.62	83.95	0.69	11.33	Carbon
ESM 1.9×21×92.5×29.5	1.9	21	92.5	29.5	202.06	83.95	0.66	11.33	Carbon
ESM 1.9×21×95×30.5	1.9	21	95	30.5	209.5	83.95	0.63	11.33	Carbon
ESM 1.9×21×97.5×31.5	1.9	21	97.5	31.5	216.94	83.95	0.61	11.33	Carbon
ESM 1.9×21×100×33.5	1.9	21	100	33.5	224.39	83.95	0.58	11.33	Carbon
ESM 1.9×21×102.5×34.5	1.9	21	102.5	34.5	231.83	83.95	0.56	11.33	Carbon
ESM 1.9×21×105×35.5	1.9	21	105	35.5	239.26	83.95	0.54	11.33	Carbon
ESS 1.9×21×57.5×10.5	1.9	21	57.5	10.5	98.39	72.58	1.5	11.33	Stainless
ESS 1.9×21×60×12.5	1.9	21	60	12.5	105.88	72.58	1.33	11.33	Stainless
ESS 1.9×21×62.5×13.5	1.9	21	62.5	13.5	113.39	72.58	1.2	11.33	Stainless
ESS 1.9×21×65×14.5	1.9	21	65	14.5	120.89	72.58	1.1	11.33	Stainless
ESS 1.9×21×67.5×16.5	1.9	21	67.5	16.5	128.39	72.58	1.01	11.33	Stainless
ESS 1.9×21×70×17.5	1.9	21	70	17.5	135.89	72.58	0.93	11.33	Stainless
ESS 1.9×21×72.5×18.5	1.9	21	72.5	18.5	143.39	72.58	0.86	11.33	Stainless
ESS 1.9×21×75×19.5	1.9	21	75	19.5	150.89	72.58	0.81	11.33	Stainless
ESS 1.9×21×77.5×21.5	1.9	21	77.5	21.5	158.39	72.58	0.76	11.33	Stainless
ESS 1.9×21×80×22.5	1.9	21	80	22.5	165.89	72.58	0.71	11.33	Stainless
ESS 1.9×21×82.5×23.5	1.9	21	82.5	23.5	173.39	72.58	0.67	11.33	Stainless
ESS 1.9×21×85×25.5	1.9	21	85	25.5	180.88	72.58	0.64	11.33	Stainless
ESS 1.9×21×87.5×26.5	1.9	21	87.5	26.5	188.39	72.58	0.61	11.33	Stainless
ESS 1.9×21×90×27.5	1.9	21	90	27.5	195.9	72.58	0.58	11.33	Stainless
ESS 1.9×21×92.5×29.5	1.9	21	92.5	29.5	203.4	72.58	0.55	11.33	Stainless
ESS 1.9×21×95×30.5	1.9	21	95	30.5	210.9	72.58	0.53	11.33	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



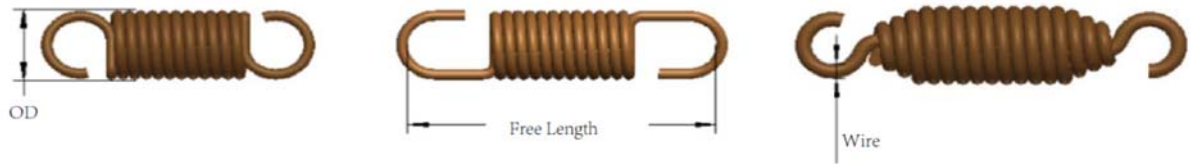
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×21×97.5×31.5	1.9	21	97.5	31.5	218.41	72.58	0.51	11.33	Stainless
ESS 1.9×21×100×33.5	1.9	21	100	33.5	225.9	72.58	0.49	11.33	Stainless
ESS 1.9×21×102.5×34.5	1.9	21	102.5	34.5	233.41	72.58	0.47	11.33	Stainless
ESS 1.9×21×105×35.5	1.9	21	105	35.5	240.9	72.58	0.45	11.33	Stainless
ESM 2×21×57.5×10.5	2	21	57.5	10.5	93.4	97.74	2.33	14.08	Carbon
ESM 2×21×60×11.5	2	21	60	11.5	100.24	97.74	2.08	14.08	Carbon
ESM 2×21×62.5×12.5	2	21	62.5	12.5	107.07	97.74	1.88	14.08	Carbon
ESM 2×21×65×14.5	2	21	65	14.5	113.91	97.74	1.71	14.08	Carbon
ESM 2×21×67.5×15.5	2	21	67.5	15.5	120.74	97.74	1.57	14.08	Carbon
ESM 2×21×70×16.5	2	21	70	16.5	127.58	97.74	1.45	14.08	Carbon
ESM 2×21×72.5×17.5	2	21	72.5	17.5	134.42	97.74	1.35	14.08	Carbon
ESM 2×21×75×19.5	2	21	75	19.5	141.25	97.74	1.26	14.08	Carbon
ESM 2×21×77.5×20.5	2	21	77.5	20.5	148.09	97.74	1.19	14.08	Carbon
ESM 2×21×80×21.5	2	21	80	21.5	154.92	97.74	1.12	14.08	Carbon
ESM 2×21×82.5×22.5	2	21	82.5	22.5	161.76	97.74	1.06	14.08	Carbon
ESM 2×21×85×24.5	2	21	85	24.5	168.59	97.74	1	14.08	Carbon
ESM 2×21×87.5×25.5	2	21	87.5	25.5	175.43	97.74	0.95	14.08	Carbon
ESM 2×21×90×26.5	2	21	90	26.5	182.27	97.74	0.91	14.08	Carbon
ESM 2×21×92.5×27.5	2	21	92.5	27.5	189.1	97.74	0.87	14.08	Carbon
ESM 2×21×95×29.5	2	21	95	29.5	195.94	97.74	0.83	14.08	Carbon
ESM 2×21×97.5×30.5	2	21	97.5	30.5	202.77	97.74	0.79	14.08	Carbon
ESM 2×21×100×31.5	2	21	100	31.5	209.61	97.74	0.76	14.08	Carbon
ESM 2×21×102.5×32.5	2	21	102.5	32.5	216.44	97.74	0.73	14.08	Carbon
ESM 2×21×105×34.5	2	21	105	34.5	223.28	97.74	0.71	14.08	Carbon
ESS 2×21×57.5×10.5	2	21	57.5	10.5	93.72	84.41	1.94	14.08	Stainless
ESS 2×21×60×11.5	2	21	60	11.5	100.59	84.41	1.73	14.08	Stainless
ESS 2×21×62.5×12.5	2	21	62.5	12.5	107.47	84.41	1.56	14.08	Stainless
ESS 2×21×65×14.5	2	21	65	14.5	114.34	84.41	1.43	14.08	Stainless
ESS 2×21×67.5×15.5	2	21	67.5	15.5	121.22	84.41	1.31	14.08	Stainless
ESS 2×21×70×16.5	2	21	70	16.5	128.09	84.41	1.21	14.08	Stainless
ESS 2×21×72.5×17.5	2	21	72.5	17.5	134.96	84.41	1.13	14.08	Stainless
ESS 2×21×75×19.5	2	21	75	19.5	141.84	84.41	1.05	14.08	Stainless
ESS 2×21×77.5×20.5	2	21	77.5	20.5	148.71	84.41	0.99	14.08	Stainless
ESS 2×21×80×21.5	2	21	80	21.5	155.59	84.41	0.93	14.08	Stainless
ESS 2×21×82.5×22.5	2	21	82.5	22.5	162.46	84.41	0.88	14.08	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



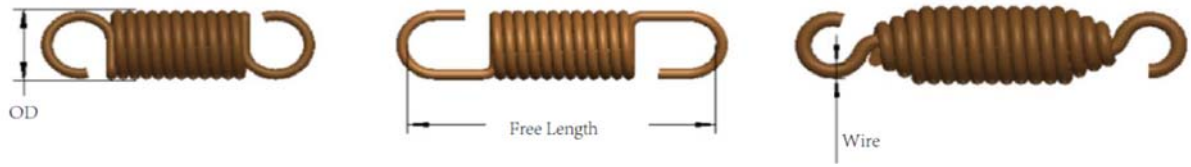
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×21×85×24.5	2	21	85	24.5	169.33	84.41	0.83	14.08	Stainless
ESS 2×21×87.5×25.5	2	21	87.5	25.5	176.21	84.41	0.79	14.08	Stainless
ESS 2×21×90×26.5	2	21	90	26.5	183.08	84.41	0.76	14.08	Stainless
ESS 2×21×92.5×27.5	2	21	92.5	27.5	189.95	84.41	0.72	14.08	Stainless
ESS 2×21×95×29.5	2	21	95	29.5	196.82	84.41	0.69	14.08	Stainless
ESS 2×21×97.5×30.5	2	21	97.5	30.5	203.71	84.41	0.66	14.08	Stainless
ESS 2×21×100×31.5	2	21	100	31.5	210.58	84.41	0.64	14.08	Stainless
ESS 2×21×102.5×32.5	2	21	102.5	32.5	217.45	84.41	0.61	14.08	Stainless
ESS 2×21×105×34.5	2	21	105	34.5	224.32	84.41	0.59	14.08	Stainless
ESM 2.1×21×60×11.5	2.1	21	60	11.5	95.89	112.95	2.67	17.26	Carbon
ESM 2.1×21×62.5×12.5	2.1	21	62.5	12.5	102.21	112.95	2.41	17.26	Carbon
ESM 2.1×21×65×13.5	2.1	21	65	13.5	108.54	112.95	2.2	17.26	Carbon
ESM 2.1×21×67.5×14.5	2.1	21	67.5	14.5	114.86	112.95	2.02	17.26	Carbon
ESM 2.1×21×70×15.5	2.1	21	70	15.5	121.19	112.95	1.87	17.26	Carbon
ESM 2.1×21×72.5×17.5	2.1	21	72.5	17.5	127.51	112.95	1.74	17.26	Carbon
ESM 2.1×21×75×18.5	2.1	21	75	18.5	133.83	112.95	1.63	17.26	Carbon
ESM 2.1×21×77.5×19.5	2.1	21	77.5	19.5	140.16	112.95	1.53	17.26	Carbon
ESM 2.1×21×80×20.5	2.1	21	80	20.5	146.48	112.95	1.44	17.26	Carbon
ESM 2.1×21×82.5×21.5	2.1	21	82.5	21.5	152.8	112.95	1.36	17.26	Carbon
ESM 2.1×21×85×23.5	2.1	21	85	23.5	159.13	112.95	1.29	17.26	Carbon
ESM 2.1×21×87.5×24.5	2.1	21	87.5	24.5	165.46	112.95	1.23	17.26	Carbon
ESM 2.1×21×90×25.5	2.1	21	90	25.5	171.78	112.95	1.17	17.26	Carbon
ESM 2.1×21×92.5×26.5	2.1	21	92.5	26.5	178.11	112.95	1.12	17.26	Carbon
ESM 2.1×21×95×27.5	2.1	21	95	27.5	184.43	112.95	1.07	17.26	Carbon
ESM 2.1×21×97.5×29.5	2.1	21	97.5	29.5	190.76	112.95	1.03	17.26	Carbon
ESM 2.1×21×100×30.5	2.1	21	100	30.5	197.08	112.95	0.99	17.26	Carbon
ESM 2.1×21×102.5×31.5	2.1	21	102.5	31.5	203.4	112.95	0.95	17.26	Carbon
ESM 2.1×21×105×32.5	2.1	21	105	32.5	209.73	112.95	0.91	17.26	Carbon
ESM 2.1×21×107.5×33.5	2.1	21	107.5	33.5	216.05	112.95	0.88	17.26	Carbon
ESS 2.1×21×60×11.5	2.1	21	60	11.5	96.08	97.44	2.22	17.26	Stainless
ESS 2.1×21×62.5×12.5	2.1	21	62.5	12.5	102.43	97.44	2.01	17.26	Stainless
ESS 2.1×21×65×13.5	2.1	21	65	13.5	108.78	97.44	1.83	17.26	Stainless
ESS 2.1×21×67.5×14.5	2.1	21	67.5	14.5	115.12	97.44	1.68	17.26	Stainless
ESS 2.1×21×70×15.5	2.1	21	70	15.5	121.47	97.44	1.56	17.26	Stainless
ESS 2.1×21×72.5×17.5	2.1	21	72.5	17.5	127.81	97.44	1.45	17.26	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



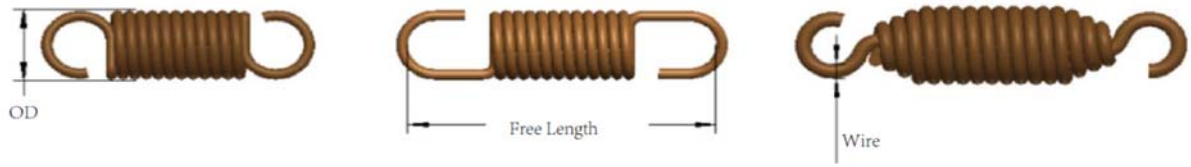
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×21×75×18.5	2.1	21	75	18.5	134.16	97.44	1.36	17.26	Stainless
ESS 2.1×21×77.5×19.5	2.1	21	77.5	19.5	140.5	97.44	1.27	17.26	Stainless
ESS 2.1×21×80×20.5	2.1	21	80	20.5	146.84	97.44	1.2	17.26	Stainless
ESS 2.1×21×82.5×21.5	2.1	21	82.5	21.5	153.19	97.44	1.13	17.26	Stainless
ESS 2.1×21×85×23.5	2.1	21	85	23.5	159.54	97.44	1.08	17.26	Stainless
ESS 2.1×21×87.5×24.5	2.1	21	87.5	24.5	165.88	97.44	1.02	17.26	Stainless
ESS 2.1×21×90×25.5	2.1	21	90	25.5	172.23	97.44	0.98	17.26	Stainless
ESS 2.1×21×92.5×26.5	2.1	21	92.5	26.5	178.58	97.44	0.93	17.26	Stainless
ESS 2.1×21×95×27.5	2.1	21	95	27.5	184.92	97.44	0.89	17.26	Stainless
ESS 2.1×21×97.5×29.5	2.1	21	97.5	29.5	191.27	97.44	0.86	17.26	Stainless
ESS 2.1×21×100×30.5	2.1	21	100	30.5	197.61	97.44	0.82	17.26	Stainless
ESS 2.1×21×102.5×31.5	2.1	21	102.5	31.5	203.95	97.44	0.79	17.26	Stainless
ESS 2.1×21×105×32.5	2.1	21	105	32.5	210.31	97.44	0.76	17.26	Stainless
ESS 2.1×21×107.5×33.5	2.1	21	107.5	33.5	216.65	97.44	0.73	17.26	Stainless
ESM 2.2×21×60×10.5	2.2	21	60	10.5	92.02	129.18	3.38	20.93	Carbon
ESM 2.2×21×62.5×11.5	2.2	21	62.5	11.5	97.89	129.18	3.06	20.93	Carbon
ESM 2.2×21×65×13.5	2.2	21	65	13.5	103.77	129.18	2.79	20.93	Carbon
ESM 2.2×21×67.5×14.5	2.2	21	67.5	14.5	109.64	129.18	2.57	20.93	Carbon
ESM 2.2×21×70×15.5	2.2	21	70	15.5	115.51	129.18	2.38	20.93	Carbon
ESM 2.2×21×72.5×16.5	2.2	21	72.5	16.5	121.39	129.18	2.21	20.93	Carbon
ESM 2.2×21×75×17.5	2.2	21	75	17.5	127.26	129.18	2.07	20.93	Carbon
ESM 2.2×21×77.5×18.5	2.2	21	77.5	18.5	133.14	129.18	1.95	20.93	Carbon
ESM 2.2×21×80×19.5	2.2	21	80	19.5	139.01	129.18	1.83	20.93	Carbon
ESM 2.2×21×82.5×21.5	2.2	21	82.5	21.5	144.89	129.18	1.74	20.93	Carbon
ESM 2.2×21×85×22.5	2.2	21	85	22.5	150.76	129.18	1.65	20.93	Carbon
ESM 2.2×21×87.5×23.5	2.2	21	87.5	23.5	156.64	129.18	1.57	20.93	Carbon
ESM 2.2×21×90×24.5	2.2	21	90	24.5	162.51	129.18	1.49	20.93	Carbon
ESM 2.2×21×92.5×25.5	2.2	21	92.5	25.5	168.38	129.18	1.43	20.93	Carbon
ESM 2.2×21×95×26.5	2.2	21	95	26.5	174.26	129.18	1.37	20.93	Carbon
ESM 2.2×21×97.5×27.5	2.2	21	97.5	27.5	180.13	129.18	1.31	20.93	Carbon
ESM 2.2×21×100×28.5	2.2	21	100	28.5	186	129.18	1.26	20.93	Carbon
ESM 2.2×21×102.5×30.5	2.2	21	102.5	30.5	191.88	129.18	1.21	20.93	Carbon
ESM 2.2×21×105×31.5	2.2	21	105	31.5	197.75	129.18	1.17	20.93	Carbon
ESM 2.2×21×107.5×32.5	2.2	21	107.5	32.5	203.63	129.18	1.13	20.93	Carbon
ESS 2.2×21×60×10.5	2.2	21	60	10.5	92.22	111.71	2.82	20.93	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.2×21×62.5×11.5	2.2	21	62.5	11.5	98.12	111.71	2.55	20.93	Stainless
ESS 2.2×21×65×13.5	2.2	21	65	13.5	104.01	111.71	2.33	20.93	Stainless
ESS 2.2×21×67.5×14.5	2.2	21	67.5	14.5	109.91	111.71	2.14	20.93	Stainless
ESS 2.2×21×70×15.5	2.2	21	70	15.5	115.8	111.71	1.98	20.93	Stainless
ESS 2.2×21×72.5×16.5	2.2	21	72.5	16.5	121.7	111.71	1.85	20.93	Stainless
ESS 2.2×21×75×17.5	2.2	21	75	17.5	127.59	111.71	1.73	20.93	Stainless
ESS 2.2×21×77.5×18.5	2.2	21	77.5	18.5	133.49	111.71	1.62	20.93	Stainless
ESS 2.2×21×80×19.5	2.2	21	80	19.5	139.39	111.71	1.53	20.93	Stainless
ESS 2.2×21×82.5×21.5	2.2	21	82.5	21.5	145.28	111.71	1.45	20.93	Stainless
ESS 2.2×21×85×22.5	2.2	21	85	22.5	151.18	111.71	1.37	20.93	Stainless
ESS 2.2×21×87.5×23.5	2.2	21	87.5	23.5	157.07	111.71	1.3	20.93	Stainless
ESS 2.2×21×90×24.5	2.2	21	90	24.5	162.97	111.71	1.24	20.93	Stainless
ESS 2.2×21×92.5×25.5	2.2	21	92.5	25.5	168.87	111.71	1.19	20.93	Stainless
ESS 2.2×21×95×26.5	2.2	21	95	26.5	174.76	111.71	1.14	20.93	Stainless
ESS 2.2×21×97.5×27.5	2.2	21	97.5	27.5	180.66	111.71	1.09	20.93	Stainless
ESS 2.2×21×100×28.5	2.2	21	100	28.5	186.55	111.71	1.05	20.93	Stainless
ESS 2.2×21×102.5×30.5	2.2	21	102.5	30.5	192.45	111.71	1.01	20.93	Stainless
ESS 2.2×21×105×31.5	2.2	21	105	31.5	198.34	111.71	0.97	20.93	Stainless
ESS 2.2×21×107.5×32.5	2.2	21	107.5	32.5	204.24	111.71	0.94	20.93	Stainless
ESM 2.3×21×60×10.5	2.3	21	60	10.5	88.8	147.34	4.24	25.11	Carbon
ESM 2.3×21×62.5×11.5	2.3	21	62.5	11.5	94.3	147.34	3.84	25.11	Carbon
ESM 2.3×21×65×12.5	2.3	21	65	12.5	99.8	147.34	3.51	25.11	Carbon
ESM 2.3×21×67.5×13.5	2.3	21	67.5	13.5	105.31	147.34	3.23	25.11	Carbon
ESM 2.3×21×70×14.5	2.3	21	70	14.5	110.81	147.34	3	25.11	Carbon
ESM 2.3×21×72.5×15.5	2.3	21	72.5	15.5	116.31	147.34	2.79	25.11	Carbon
ESM 2.3×21×75×16.5	2.3	21	75	16.5	121.81	147.34	2.61	25.11	Carbon
ESM 2.3×21×77.5×18.5	2.3	21	77.5	18.5	127.31	147.34	2.45	25.11	Carbon
ESM 2.3×21×80×19.5	2.3	21	80	19.5	132.82	147.34	2.31	25.11	Carbon
ESM 2.3×21×82.5×20.5	2.3	21	82.5	20.5	138.32	147.34	2.19	25.11	Carbon
ESM 2.3×21×85×21.5	2.3	21	85	21.5	143.82	147.34	2.08	25.11	Carbon
ESM 2.3×21×87.5×22.5	2.3	21	87.5	22.5	149.32	147.34	1.98	25.11	Carbon
ESM 2.3×21×90×23.5	2.3	21	90	23.5	154.83	147.34	1.89	25.11	Carbon
ESM 2.3×21×92.5×24.5	2.3	21	92.5	24.5	160.33	147.34	1.8	25.11	Carbon
ESM 2.3×21×95×25.5	2.3	21	95	25.5	165.83	147.34	1.73	25.11	Carbon
ESM 2.3×21×97.5×26.5	2.3	21	97.5	26.5	171.33	147.34	1.66	25.11	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×21×100×27.5	2.3	21	100	27.5	176.84	147.34	1.59	25.11	Carbon
ESM 2.3×21×102.5×28.5	2.3	21	102.5	28.5	182.34	147.34	1.53	25.11	Carbon
ESM 2.3×21×105×29.5	2.3	21	105	29.5	187.84	147.34	1.48	25.11	Carbon
ESM 2.3×21×107.5×31.5	2.3	21	107.5	31.5	193.34	147.34	1.42	25.11	Carbon
ESS 2.3×21×60×10.5	2.3	21	60	10.5	88.88	127.28	3.54	25.11	Stainless
ESS 2.3×21×62.5×11.5	2.3	21	62.5	11.5	94.4	127.28	3.2	25.11	Stainless
ESS 2.3×21×65×12.5	2.3	21	65	12.5	99.91	127.28	2.93	25.11	Stainless
ESS 2.3×21×67.5×13.5	2.3	21	67.5	13.5	105.42	127.28	2.69	25.11	Stainless
ESS 2.3×21×70×14.5	2.3	21	70	14.5	110.93	127.28	2.5	25.11	Stainless
ESS 2.3×21×72.5×15.5	2.3	21	72.5	15.5	116.44	127.28	2.33	25.11	Stainless
ESS 2.3×21×75×16.5	2.3	21	75	16.5	121.95	127.28	2.18	25.11	Stainless
ESS 2.3×21×77.5×18.5	2.3	21	77.5	18.5	127.46	127.28	2.04	25.11	Stainless
ESS 2.3×21×80×19.5	2.3	21	80	19.5	132.98	127.28	1.93	25.11	Stainless
ESS 2.3×21×82.5×20.5	2.3	21	82.5	20.5	138.49	127.28	1.82	25.11	Stainless
ESS 2.3×21×85×21.5	2.3	21	85	21.5	144	127.28	1.73	25.11	Stainless
ESS 2.3×21×87.5×22.5	2.3	21	87.5	22.5	149.51	127.28	1.65	25.11	Stainless
ESS 2.3×21×90×23.5	2.3	21	90	23.5	155.02	127.28	1.57	25.11	Stainless
ESS 2.3×21×92.5×24.5	2.3	21	92.5	24.5	160.53	127.28	1.5	25.11	Stainless
ESS 2.3×21×95×25.5	2.3	21	95	25.5	166.04	127.28	1.44	25.11	Stainless
ESS 2.3×21×97.5×26.5	2.3	21	97.5	26.5	171.55	127.28	1.38	25.11	Stainless
ESS 2.3×21×100×27.5	2.3	21	100	27.5	177.06	127.28	1.33	25.11	Stainless
ESS 2.3×21×102.5×28.5	2.3	21	102.5	28.5	182.58	127.28	1.28	25.11	Stainless
ESS 2.3×21×105×29.5	2.3	21	105	29.5	188.09	127.28	1.23	25.11	Stainless
ESS 2.3×21×107.5×31.5	2.3	21	107.5	31.5	193.6	127.28	1.19	25.11	Stainless
ESM 2.4×21×60×10.5	2.4	21	60	10.5	86	167.1	5.28	29.86	Carbon
ESM 2.4×21×62.5×11.5	2.4	21	62.5	11.5	91.18	167.1	4.79	29.86	Carbon
ESM 2.4×21×65×12.5	2.4	21	65	12.5	96.36	167.1	4.38	29.86	Carbon
ESM 2.4×21×67.5×13.5	2.4	21	67.5	13.5	101.54	167.1	4.03	29.86	Carbon
ESM 2.4×21×70×14.5	2.4	21	70	14.5	106.73	167.1	3.74	29.86	Carbon
ESM 2.4×21×72.5×15.5	2.4	21	72.5	15.5	111.91	167.1	3.48	29.86	Carbon
ESM 2.4×21×75×16.5	2.4	21	75	16.5	117.09	167.1	3.26	29.86	Carbon
ESM 2.4×21×77.5×17.5	2.4	21	77.5	17.5	122.27	167.1	3.07	29.86	Carbon
ESM 2.4×21×80×18.5	2.4	21	80	18.5	127.45	167.1	2.89	29.86	Carbon
ESM 2.4×21×82.5×19.5	2.4	21	82.5	19.5	132.63	167.1	2.74	29.86	Carbon
ESM 2.4×21×85×20.5	2.4	21	85	20.5	137.82	167.1	2.6	29.86	Carbon

M: Carbon Steel;
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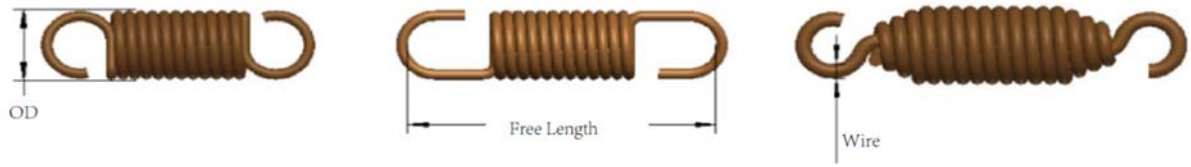
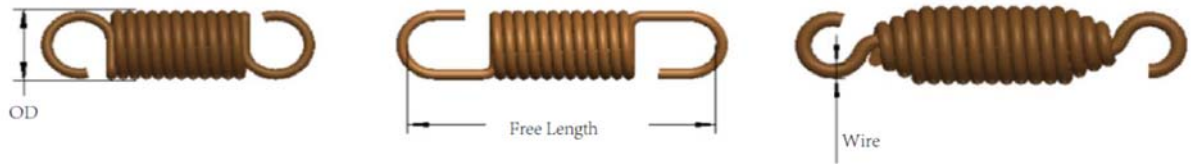
OD:Outer Diameter
Max Length - Max Load



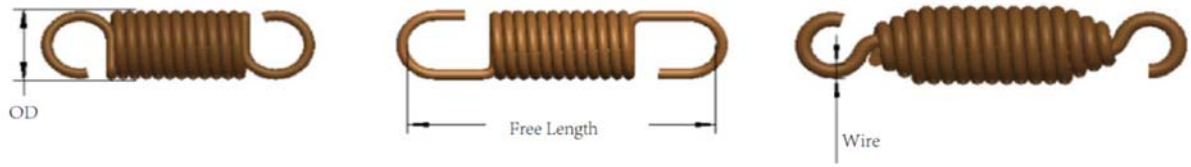
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×21×87.5×21.5	2.4	21	87.5	21.5	143	167.1	2.47	29.86	Carbon
ESM 2.4×21×90×22.5	2.4	21	90	22.5	148.18	167.1	2.36	29.86	Carbon
ESM 2.4×21×92.5×23.5	2.4	21	92.5	23.5	153.36	167.1	2.26	29.86	Carbon
ESM 2.4×21×95×24.5	2.4	21	95	24.5	158.54	167.1	2.16	29.86	Carbon
ESM 2.4×21×97.5×25.5	2.4	21	97.5	25.5	163.72	167.1	2.07	29.86	Carbon
ESM 2.4×21×100×26.5	2.4	21	100	26.5	168.91	167.1	1.99	29.86	Carbon
ESM 2.4×21×102.5×27.5	2.4	21	102.5	27.5	174.09	167.1	1.92	29.86	Carbon
ESM 2.4×21×105×28.5	2.4	21	105	28.5	179.27	167.1	1.85	29.86	Carbon
ESM 2.4×21×107.5×29.5	2.4	21	107.5	29.5	184.45	167.1	1.78	29.86	Carbon
ESS 2.4×21×60×10.5	2.4	21	60	10.5	85.99	144.18	4.4	29.86	Stainless
ESS 2.4×21×62.5×11.5	2.4	21	62.5	11.5	91.17	144.18	3.99	29.86	Stainless
ESS 2.4×21×65×12.5	2.4	21	65	12.5	96.35	144.18	3.65	29.86	Stainless
ESS 2.4×21×67.5×13.5	2.4	21	67.5	13.5	101.53	144.18	3.36	29.86	Stainless
ESS 2.4×21×70×14.5	2.4	21	70	14.5	106.71	144.18	3.11	29.86	Stainless
ESS 2.4×21×72.5×15.5	2.4	21	72.5	15.5	111.89	144.18	2.9	29.86	Stainless
ESS 2.4×21×75×16.5	2.4	21	75	16.5	117.07	144.18	2.72	29.86	Stainless
ESS 2.4×21×77.5×17.5	2.4	21	77.5	17.5	122.25	144.18	2.55	29.86	Stainless
ESS 2.4×21×80×18.5	2.4	21	80	18.5	127.43	144.18	2.41	29.86	Stainless
ESS 2.4×21×82.5×19.5	2.4	21	82.5	19.5	132.61	144.18	2.28	29.86	Stainless
ESS 2.4×21×85×20.5	2.4	21	85	20.5	137.79	144.18	2.17	29.86	Stainless
ESS 2.4×21×87.5×21.5	2.4	21	87.5	21.5	142.97	144.18	2.06	29.86	Stainless
ESS 2.4×21×90×22.5	2.4	21	90	22.5	148.15	144.18	1.97	29.86	Stainless
ESS 2.4×21×92.5×23.5	2.4	21	92.5	23.5	153.33	144.18	1.88	29.86	Stainless
ESS 2.4×21×95×24.5	2.4	21	95	24.5	158.51	144.18	1.8	29.86	Stainless
ESS 2.4×21×97.5×25.5	2.4	21	97.5	25.5	163.69	144.18	1.73	29.86	Stainless
ESS 2.4×21×100×26.5	2.4	21	100	26.5	168.87	144.18	1.66	29.86	Stainless
ESS 2.4×21×102.5×27.5	2.4	21	102.5	27.5	174.06	144.18	1.6	29.86	Stainless
ESS 2.4×21×105×28.5	2.4	21	105	28.5	179.24	144.18	1.54	29.86	Stainless
ESS 2.4×21×107.5×29.5	2.4	21	107.5	29.5	184.42	144.18	1.49	29.86	Stainless
ESM 2.5×21×60×9.5	2.5	21	60	9.5	83.55	188.52	6.51	35.2	Carbon
ESM 2.5×21×62.5×10.5	2.5	21	62.5	10.5	88.46	188.52	5.91	35.2	Carbon
ESM 2.5×21×65×11.5	2.5	21	65	11.5	93.36	188.52	5.41	35.2	Carbon
ESM 2.5×21×67.5×12.5	2.5	21	67.5	12.5	98.26	188.52	4.98	35.2	Carbon
ESM 2.5×21×70×13.5	2.5	21	70	13.5	103.17	188.52	4.62	35.2	Carbon
ESM 2.5×21×72.5×14.5	2.5	21	72.5	14.5	108.07	188.52	4.31	35.2	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×21×75×15.5	2.5	21	75	15.5	112.97	188.52	4.04	35.2	Carbon
ESM 2.5×21×77.5×16.5	2.5	21	77.5	16.5	117.88	188.52	3.8	35.2	Carbon
ESM 2.5×21×80×17.5	2.5	21	80	17.5	122.78	188.52	3.58	35.2	Carbon
ESM 2.5×21×82.5×18.5	2.5	21	82.5	18.5	127.68	188.52	3.39	35.2	Carbon
ESM 2.5×21×85×19.5	2.5	21	85	19.5	132.59	188.52	3.22	35.2	Carbon
ESM 2.5×21×87.5×20.5	2.5	21	87.5	20.5	137.49	188.52	3.07	35.2	Carbon
ESM 2.5×21×90×21.5	2.5	21	90	21.5	142.39	188.52	2.93	35.2	Carbon
ESM 2.5×21×92.5×22.5	2.5	21	92.5	22.5	147.3	188.52	2.8	35.2	Carbon
ESM 2.5×21×95×23.5	2.5	21	95	23.5	152.2	188.52	2.68	35.2	Carbon
ESM 2.5×21×97.5×24.5	2.5	21	97.5	24.5	157.1	188.52	2.57	35.2	Carbon
ESM 2.5×21×100×25.5	2.5	21	100	25.5	162.01	188.52	2.47	35.2	Carbon
ESM 2.5×21×102.5×26.5	2.5	21	102.5	26.5	166.91	188.52	2.38	35.2	Carbon
ESM 2.5×21×105×27.5	2.5	21	105	27.5	171.81	188.52	2.29	35.2	Carbon
ESM 2.5×21×107.5×28.5	2.5	21	107.5	28.5	176.72	188.52	2.22	35.2	Carbon
ESS 2.5×21×60×9.5	2.5	21	60	9.5	83.46	162.47	5.42	35.2	Stainless
ESS 2.5×21×62.5×10.5	2.5	21	62.5	10.5	88.36	162.47	4.92	35.2	Stainless
ESS 2.5×21×65×11.5	2.5	21	65	11.5	93.25	162.47	4.51	35.2	Stainless
ESS 2.5×21×67.5×12.5	2.5	21	67.5	12.5	98.14	162.47	4.15	35.2	Stainless
ESS 2.5×21×70×13.5	2.5	21	70	13.5	103.04	162.47	3.85	35.2	Stainless
ESS 2.5×21×72.5×14.5	2.5	21	72.5	14.5	107.93	162.47	3.59	35.2	Stainless
ESS 2.5×21×75×15.5	2.5	21	75	15.5	112.83	162.47	3.36	35.2	Stainless
ESS 2.5×21×77.5×16.5	2.5	21	77.5	16.5	117.72	162.47	3.16	35.2	Stainless
ESS 2.5×21×80×17.5	2.5	21	80	17.5	122.61	162.47	2.99	35.2	Stainless
ESS 2.5×21×82.5×18.5	2.5	21	82.5	18.5	127.51	162.47	2.83	35.2	Stainless
ESS 2.5×21×85×19.5	2.5	21	85	19.5	132.4	162.47	2.69	35.2	Stainless
ESS 2.5×21×87.5×20.5	2.5	21	87.5	20.5	137.3	162.47	2.56	35.2	Stainless
ESS 2.5×21×90×21.5	2.5	21	90	21.5	142.19	162.47	2.44	35.2	Stainless
ESS 2.5×21×92.5×22.5	2.5	21	92.5	22.5	147.08	162.47	2.33	35.2	Stainless
ESS 2.5×21×95×23.5	2.5	21	95	23.5	151.98	162.47	2.23	35.2	Stainless
ESS 2.5×21×97.5×24.5	2.5	21	97.5	24.5	156.87	162.47	2.14	35.2	Stainless
ESS 2.5×21×100×25.5	2.5	21	100	25.5	161.77	162.47	2.06	35.2	Stainless
ESS 2.5×21×102.5×26.5	2.5	21	102.5	26.5	166.66	162.47	1.98	35.2	Stainless
ESS 2.5×21×105×27.5	2.5	21	105	27.5	171.56	162.47	1.91	35.2	Stainless
ESS 2.5×21×107.5×28.5	2.5	21	107.5	28.5	176.45	162.47	1.85	35.2	Stainless
ESM 2.6×21×60×9.5	2.6	21	60	9.5	82.23	210.89	7.63	41.18	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×21×62.5×10.5	2.6	21	62.5	10.5	86.98	210.89	6.93	41.18	Carbon
ESM 2.6×21×65×11.5	2.6	21	65	11.5	91.72	210.89	6.35	41.18	Carbon
ESM 2.6×21×67.5×12.5	2.6	21	67.5	12.5	96.47	210.89	5.86	41.18	Carbon
ESM 2.6×21×70×13.5	2.6	21	70	13.5	101.21	210.89	5.44	41.18	Carbon
ESM 2.6×21×72.5×14.5	2.6	21	72.5	14.5	105.96	210.89	5.07	41.18	Carbon
ESM 2.6×21×75×15.5	2.6	21	75	15.5	110.7	210.89	4.75	41.18	Carbon
ESM 2.6×21×77.5×16.5	2.6	21	77.5	16.5	115.45	210.89	4.47	41.18	Carbon
ESM 2.6×21×80×17.5	2.6	21	80	17.5	120.19	210.89	4.22	41.18	Carbon
ESM 2.6×21×82.5×18.5	2.6	21	82.5	18.5	124.93	210.89	4	41.18	Carbon
ESM 2.6×21×85×19.5	2.6	21	85	19.5	129.68	210.89	3.8	41.18	Carbon
ESM 2.6×21×87.5×20.5	2.6	21	87.5	20.5	134.42	210.89	3.62	41.18	Carbon
ESM 2.6×21×90×21.5	2.6	21	90	21.5	139.17	210.89	3.45	41.18	Carbon
ESM 2.6×21×92.5×22.5	2.6	21	92.5	22.5	143.91	210.89	3.3	41.18	Carbon
ESM 2.6×21×95×22.5	2.6	21	95	22.5	148.66	210.89	3.16	41.18	Carbon
ESM 2.6×21×97.5×23.5	2.6	21	97.5	23.5	153.4	210.89	3.04	41.18	Carbon
ESM 2.6×21×100×24.5	2.6	21	100	24.5	158.15	210.89	2.92	41.18	Carbon
ESM 2.6×21×102.5×25.5	2.6	21	102.5	25.5	162.89	210.89	2.81	41.18	Carbon
ESM 2.6×21×105×26.5	2.6	21	105	26.5	167.64	210.89	2.71	41.18	Carbon
ESM 2.6×21×107.5×27.5	2.6	21	107.5	27.5	172.38	210.89	2.62	41.18	Carbon
ESS 2.6×21×60×9.5	2.6	21	60	9.5	81.25	182.2	6.64	41.18	Stainless
ESS 2.6×21×62.5×10.5	2.6	21	62.5	10.5	85.89	182.2	6.03	41.18	Stainless
ESS 2.6×21×65×11.5	2.6	21	65	11.5	90.54	182.2	5.52	41.18	Stainless
ESS 2.6×21×67.5×12.5	2.6	21	67.5	12.5	95.18	182.2	5.09	41.18	Stainless
ESS 2.6×21×70×13.5	2.6	21	70	13.5	99.83	182.2	4.73	41.18	Stainless
ESS 2.6×21×72.5×14.5	2.6	21	72.5	14.5	104.47	182.2	4.41	41.18	Stainless
ESS 2.6×21×75×15.5	2.6	21	75	15.5	109.12	182.2	4.13	41.18	Stainless
ESS 2.6×21×77.5×16.5	2.6	21	77.5	16.5	113.76	182.2	3.89	41.18	Stainless
ESS 2.6×21×80×17.5	2.6	21	80	17.5	118.41	182.2	3.67	41.18	Stainless
ESS 2.6×21×82.5×18.5	2.6	21	82.5	18.5	123.05	182.2	3.48	41.18	Stainless
ESS 2.6×21×85×19.5	2.6	21	85	19.5	127.7	182.2	3.3	41.18	Stainless
ESS 2.6×21×87.5×20.5	2.6	21	87.5	20.5	132.34	182.2	3.14	41.18	Stainless
ESS 2.6×21×90×21.5	2.6	21	90	21.5	136.99	182.2	3	41.18	Stainless
ESS 2.6×21×92.5×22.5	2.6	21	92.5	22.5	141.63	182.2	2.87	41.18	Stainless
ESS 2.6×21×95×22.5	2.6	21	95	22.5	146.28	182.2	2.75	41.18	Stainless
ESS 2.6×21×97.5×23.5	2.6	21	97.5	23.5	150.92	182.2	2.64	41.18	Stainless

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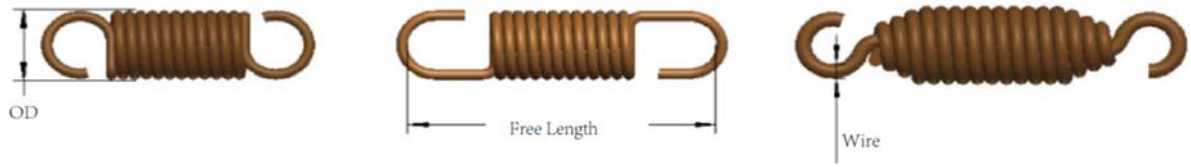
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×21×100×24.5	2.6	21	100	24.5	155.57	182.2	2.54	41.18	Stainless
ESS 2.6×21×102.5×25.5	2.6	21	102.5	25.5	160.21	182.2	2.44	41.18	Stainless
ESS 2.6×21×105×26.5	2.6	21	105	26.5	164.86	182.2	2.36	41.18	Stainless
ESS 2.6×21×107.5×27.5	2.6	21	107.5	27.5	169.5	182.2	2.27	41.18	Stainless
ESM 1.5×22×60×13.5	1.5	22	60	13.5	138.9	39.69	0.46	3.55	Carbon
ESM 1.5×22×62.5×14.5	1.5	22	62.5	14.5	151.31	39.69	0.41	3.55	Carbon
ESM 1.5×22×65×16.5	1.5	22	65	16.5	163.73	39.69	0.37	3.55	Carbon
ESM 1.5×22×67.5×18.5	1.5	22	67.5	18.5	176.11	39.69	0.33	3.55	Carbon
ESM 1.5×22×70×19.5	1.5	22	70	19.5	188.55	39.69	0.3	3.55	Carbon
ESM 1.5×22×72.5×21.5	1.5	22	72.5	21.5	200.96	39.69	0.28	3.55	Carbon
ESM 1.5×22×75×23.5	1.5	22	75	23.5	213.34	39.69	0.26	3.55	Carbon
ESM 1.5×22×77.5×24.5	1.5	22	77.5	24.5	225.78	39.69	0.24	3.55	Carbon
ESM 1.5×22×80×26.5	1.5	22	80	26.5	238.21	39.69	0.23	3.55	Carbon
ESM 1.5×22×82.5×28.5	1.5	22	82.5	28.5	250.57	39.69	0.22	3.55	Carbon
ESM 1.5×22×85×29.5	1.5	22	85	29.5	263.01	39.69	0.2	3.55	Carbon
ESM 1.5×22×87.5×31.5	1.5	22	87.5	31.5	275.41	39.69	0.19	3.55	Carbon
ESM 1.5×22×90×33.5	1.5	22	90	33.5	287.78	39.69	0.18	3.55	Carbon
ESM 1.5×22×92.5×34.5	1.5	22	92.5	34.5	300.29	39.69	0.17	3.55	Carbon
ESM 1.5×22×95×36.5	1.5	22	95	36.5	312.68	39.69	0.17	3.55	Carbon
ESM 1.5×22×97.5×38.5	1.5	22	97.5	38.5	325.05	39.69	0.16	3.55	Carbon
ESM 1.5×22×100×39.5	1.5	22	100	39.5	337.42	39.69	0.15	3.55	Carbon
ESM 1.5×22×102.5×41.5	1.5	22	102.5	41.5	349.83	39.69	0.15	3.55	Carbon
ESM 1.5×22×105×43.5	1.5	22	105	43.5	362.37	39.69	0.14	3.55	Carbon
ESM 1.5×22×107.5×44.5	1.5	22	107.5	44.5	374.77	39.69	0.14	3.55	Carbon
ESS 1.5×22×60×13.5	1.5	22	60	13.5	140.67	34.34	0.38	3.55	Stainless
ESS 1.5×22×62.5×14.5	1.5	22	62.5	14.5	153.3	34.34	0.34	3.55	Stainless
ESS 1.5×22×65×16.5	1.5	22	65	16.5	165.95	34.34	0.31	3.55	Stainless
ESS 1.5×22×67.5×18.5	1.5	22	67.5	18.5	178.58	34.34	0.28	3.55	Stainless
ESS 1.5×22×70×19.5	1.5	22	70	19.5	191.22	34.34	0.25	3.55	Stainless
ESS 1.5×22×72.5×21.5	1.5	22	72.5	21.5	203.86	34.34	0.23	3.55	Stainless
ESS 1.5×22×75×23.5	1.5	22	75	23.5	216.5	34.34	0.22	3.55	Stainless
ESS 1.5×22×77.5×24.5	1.5	22	77.5	24.5	229.1	34.34	0.2	3.55	Stainless
ESS 1.5×22×80×26.5	1.5	22	80	26.5	241.71	34.34	0.19	3.55	Stainless
ESS 1.5×22×82.5×28.5	1.5	22	82.5	28.5	254.42	34.34	0.18	3.55	Stainless
ESS 1.5×22×85×29.5	1.5	22	85	29.5	266.97	34.34	0.17	3.55	Stainless

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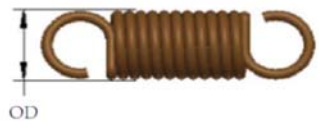
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.5×22×87.5×31.5	1.5	22	87.5	31.5	279.7	34.34	0.16	3.55	Stainless
ESS 1.5×22×90×33.5	1.5	22	90	33.5	292.3	34.34	0.15	3.55	Stainless
ESS 1.5×22×92.5×34.5	1.5	22	92.5	34.5	304.84	34.34	0.15	3.55	Stainless
ESS 1.5×22×95×36.5	1.5	22	95	36.5	317.47	34.34	0.14	3.55	Stainless
ESS 1.5×22×97.5×38.5	1.5	22	97.5	38.5	330.23	34.34	0.13	3.55	Stainless
ESS 1.5×22×100×39.5	1.5	22	100	39.5	342.82	34.34	0.13	3.55	Stainless
ESS 1.5×22×102.5×41.5	1.5	22	102.5	41.5	355.5	34.34	0.12	3.55	Stainless
ESS 1.5×22×105×43.5	1.5	22	105	43.5	368.16	34.34	0.12	3.55	Stainless
ESS 1.5×22×107.5×44.5	1.5	22	107.5	44.5	380.7	34.34	0.11	3.55	Stainless
ESM 1.6×22×60×12.5	1.6	22	60	12.5	128.36	48.08	0.63	4.77	Carbon
ESM 1.6×22×62.5×14.5	1.6	22	62.5	14.5	139.34	48.08	0.56	4.77	Carbon
ESM 1.6×22×65×15.5	1.6	22	65	15.5	150.32	48.08	0.51	4.77	Carbon
ESM 1.6×22×67.5×17.5	1.6	22	67.5	17.5	161.3	48.08	0.46	4.77	Carbon
ESM 1.6×22×70×18.5	1.6	22	70	18.5	172.26	48.08	0.42	4.77	Carbon
ESM 1.6×22×72.5×20.5	1.6	22	72.5	20.5	183.23	48.08	0.39	4.77	Carbon
ESM 1.6×22×75×21.5	1.6	22	75	21.5	194.23	48.08	0.36	4.77	Carbon
ESM 1.6×22×77.5×23.5	1.6	22	77.5	23.5	205.21	48.08	0.34	4.77	Carbon
ESM 1.6×22×80×25.5	1.6	22	80	25.5	216.18	48.08	0.32	4.77	Carbon
ESM 1.6×22×82.5×26.5	1.6	22	82.5	26.5	227.14	48.08	0.3	4.77	Carbon
ESM 1.6×22×85×28.5	1.6	22	85	28.5	238.13	48.08	0.28	4.77	Carbon
ESM 1.6×22×87.5×29.5	1.6	22	87.5	29.5	249.09	48.08	0.27	4.77	Carbon
ESM 1.6×22×90×31.5	1.6	22	90	31.5	260.09	48.08	0.25	4.77	Carbon
ESM 1.6×22×92.5×32.5	1.6	22	92.5	32.5	271.08	48.08	0.24	4.77	Carbon
ESM 1.6×22×95×34.5	1.6	22	95	34.5	282.07	48.08	0.23	4.77	Carbon
ESM 1.6×22×97.5×36.5	1.6	22	97.5	36.5	293.01	48.08	0.22	4.77	Carbon
ESM 1.6×22×100×37.5	1.6	22	100	37.5	303.98	48.08	0.21	4.77	Carbon
ESM 1.6×22×102.5×39.5	1.6	22	102.5	39.5	314.99	48.08	0.2	4.77	Carbon
ESM 1.6×22×105×40.5	1.6	22	105	40.5	325.95	48.08	0.2	4.77	Carbon
ESM 1.6×22×107.5×42.5	1.6	22	107.5	42.5	336.87	48.08	0.19	4.77	Carbon
ESS 1.6×22×60×12.5	1.6	22	60	12.5	129.69	41.56	0.53	4.77	Stainless
ESS 1.6×22×62.5×14.5	1.6	22	62.5	14.5	140.82	41.56	0.47	4.77	Stainless
ESS 1.6×22×65×15.5	1.6	22	65	15.5	151.97	41.56	0.42	4.77	Stainless
ESS 1.6×22×67.5×17.5	1.6	22	67.5	17.5	163.1	41.56	0.38	4.77	Stainless
ESS 1.6×22×70×18.5	1.6	22	70	18.5	174.24	41.56	0.35	4.77	Stainless
ESS 1.6×22×72.5×20.5	1.6	22	72.5	20.5	185.38	41.56	0.33	4.77	Stainless

M: Carbon Steel;
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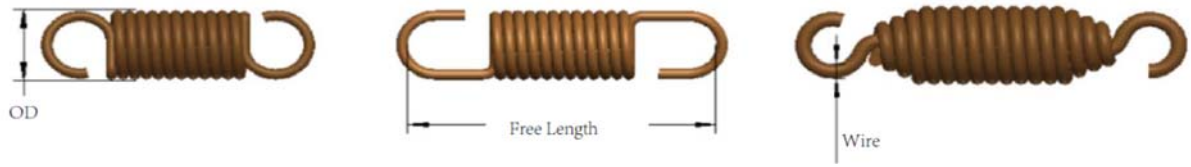
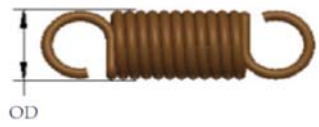
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.6×22×75×21.5	1.6	22	75	21.5	196.53	41.56	0.3	4.77	Stainless
ESS 1.6×22×77.5×23.5	1.6	22	77.5	23.5	207.67	41.56	0.28	4.77	Stainless
ESS 1.6×22×80×25.5	1.6	22	80	25.5	218.82	41.56	0.27	4.77	Stainless
ESS 1.6×22×82.5×26.5	1.6	22	82.5	26.5	229.94	41.56	0.25	4.77	Stainless
ESS 1.6×22×85×28.5	1.6	22	85	28.5	241.08	41.56	0.24	4.77	Stainless
ESS 1.6×22×87.5×29.5	1.6	22	87.5	29.5	252.24	41.56	0.22	4.77	Stainless
ESS 1.6×22×90×31.5	1.6	22	90	31.5	263.36	41.56	0.21	4.77	Stainless
ESS 1.6×22×92.5×32.5	1.6	22	92.5	32.5	274.52	41.56	0.2	4.77	Stainless
ESS 1.6×22×95×34.5	1.6	22	95	34.5	285.61	41.56	0.19	4.77	Stainless
ESS 1.6×22×97.5×36.5	1.6	22	97.5	36.5	296.78	41.56	0.18	4.77	Stainless
ESS 1.6×22×100×37.5	1.6	22	100	37.5	307.95	41.56	0.18	4.77	Stainless
ESS 1.6×22×102.5×39.5	1.6	22	102.5	39.5	319.02	41.56	0.17	4.77	Stainless
ESS 1.6×22×105×40.5	1.6	22	105	40.5	330.27	41.56	0.16	4.77	Stainless
ESS 1.6×22×107.5×42.5	1.6	22	107.5	42.5	341.37	41.56	0.16	4.77	Stainless
ESM 1.7×22×60×12.5	1.7	22	60	12.5	119.68	57.56	0.86	6.26	Carbon
ESM 1.7×22×62.5×13.5	1.7	22	62.5	13.5	129.49	57.56	0.77	6.26	Carbon
ESM 1.7×22×65×14.5	1.7	22	65	14.5	139.3	57.56	0.69	6.26	Carbon
ESM 1.7×22×67.5×16.5	1.7	22	67.5	16.5	149.1	57.56	0.63	6.26	Carbon
ESM 1.7×22×70×17.5	1.7	22	70	17.5	158.9	57.56	0.58	6.26	Carbon
ESM 1.7×22×72.5×19.5	1.7	22	72.5	19.5	168.72	57.56	0.53	6.26	Carbon
ESM 1.7×22×75×20.5	1.7	22	75	20.5	178.53	57.56	0.5	6.26	Carbon
ESM 1.7×22×77.5×22.5	1.7	22	77.5	22.5	188.34	57.56	0.46	6.26	Carbon
ESM 1.7×22×80×23.5	1.7	22	80	23.5	198.14	57.56	0.43	6.26	Carbon
ESM 1.7×22×82.5×25.5	1.7	22	82.5	25.5	207.95	57.56	0.41	6.26	Carbon
ESM 1.7×22×85×26.5	1.7	22	85	26.5	217.76	57.56	0.39	6.26	Carbon
ESM 1.7×22×87.5×28.5	1.7	22	87.5	28.5	227.54	57.56	0.37	6.26	Carbon
ESM 1.7×22×90×29.5	1.7	22	90	29.5	237.36	57.56	0.35	6.26	Carbon
ESM 1.7×22×92.5×31.5	1.7	22	92.5	31.5	247.15	57.56	0.33	6.26	Carbon
ESM 1.7×22×95×32.5	1.7	22	95	32.5	256.97	57.56	0.32	6.26	Carbon
ESM 1.7×22×97.5×34.5	1.7	22	97.5	34.5	266.8	57.56	0.3	6.26	Carbon
ESM 1.7×22×100×35.5	1.7	22	100	35.5	276.58	57.56	0.29	6.26	Carbon
ESM 1.7×22×102.5×37.5	1.7	22	102.5	37.5	286.43	57.56	0.28	6.26	Carbon
ESM 1.7×22×105×38.5	1.7	22	105	38.5	296.19	57.56	0.27	6.26	Carbon
ESM 1.7×22×107.5×39.5	1.7	22	107.5	39.5	306.02	57.56	0.26	6.26	Carbon
ESS 1.7×22×60×12.5	1.7	22	60	12.5	120.65	49.7	0.72	6.26	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

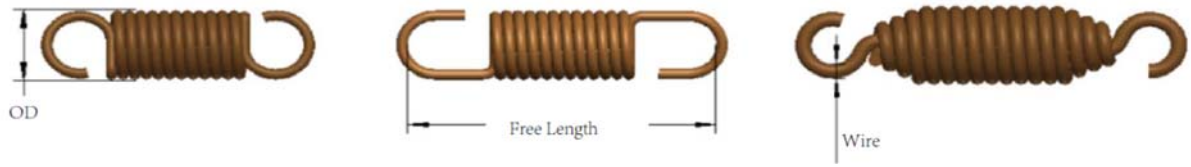






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.7×22×62.5×13.5	1.7	22	62.5	13.5	130.58	49.7	0.64	6.26	Stainless
ESS 1.7×22×65×14.5	1.7	22	65	14.5	140.49	49.7	0.58	6.26	Stainless
ESS 1.7×22×67.5×16.5	1.7	22	67.5	16.5	150.43	49.7	0.52	6.26	Stainless
ESS 1.7×22×70×17.5	1.7	22	70	17.5	160.35	49.7	0.48	6.26	Stainless
ESS 1.7×22×72.5×19.5	1.7	22	72.5	19.5	170.27	49.7	0.44	6.26	Stainless
ESS 1.7×22×75×20.5	1.7	22	75	20.5	180.2	49.7	0.41	6.26	Stainless
ESS 1.7×22×77.5×22.5	1.7	22	77.5	22.5	190.12	49.7	0.39	6.26	Stainless
ESS 1.7×22×80×23.5	1.7	22	80	23.5	200.06	49.7	0.36	6.26	Stainless
ESS 1.7×22×82.5×25.5	1.7	22	82.5	25.5	209.96	49.7	0.34	6.26	Stainless
ESS 1.7×22×85×26.5	1.7	22	85	26.5	219.9	49.7	0.32	6.26	Stainless
ESS 1.7×22×87.5×28.5	1.7	22	87.5	28.5	229.83	49.7	0.31	6.26	Stainless
ESS 1.7×22×90×29.5	1.7	22	90	29.5	239.74	49.7	0.29	6.26	Stainless
ESS 1.7×22×92.5×31.5	1.7	22	92.5	31.5	249.66	49.7	0.28	6.26	Stainless
ESS 1.7×22×95×32.5	1.7	22	95	32.5	259.6	49.7	0.26	6.26	Stainless
ESS 1.7×22×97.5×34.5	1.7	22	97.5	34.5	269.54	49.7	0.25	6.26	Stainless
ESS 1.7×22×100×35.5	1.7	22	100	35.5	279.43	49.7	0.24	6.26	Stainless
ESS 1.7×22×102.5×37.5	1.7	22	102.5	37.5	289.33	49.7	0.23	6.26	Stainless
ESS 1.7×22×105×38.5	1.7	22	105	38.5	299.27	49.7	0.22	6.26	Stainless
ESS 1.7×22×107.5×39.5	1.7	22	107.5	39.5	309.26	49.7	0.22	6.26	Stainless
ESM 1.8×22×60×11.5	1.8	22	60	11.5	112.46	68.19	1.15	8.06	Carbon
ESM 1.8×22×62.5×12.5	1.8	22	62.5	12.5	121.3	68.19	1.02	8.06	Carbon
ESM 1.8×22×65×14.5	1.8	22	65	14.5	130.15	68.19	0.92	8.06	Carbon
ESM 1.8×22×67.5×15.5	1.8	22	67.5	15.5	138.99	68.19	0.84	8.06	Carbon
ESM 1.8×22×70×17.5	1.8	22	70	17.5	147.83	68.19	0.77	8.06	Carbon
ESM 1.8×22×72.5×18.5	1.8	22	72.5	18.5	156.67	68.19	0.71	8.06	Carbon
ESM 1.8×22×75×19.5	1.8	22	75	19.5	165.52	68.19	0.66	8.06	Carbon
ESM 1.8×22×77.5×21.5	1.8	22	77.5	21.5	174.36	68.19	0.62	8.06	Carbon
ESM 1.8×22×80×22.5	1.8	22	80	22.5	183.21	68.19	0.58	8.06	Carbon
ESM 1.8×22×82.5×23.5	1.8	22	82.5	23.5	192.04	68.19	0.55	8.06	Carbon
ESM 1.8×22×85×25.5	1.8	22	85	25.5	200.87	68.19	0.52	8.06	Carbon
ESM 1.8×22×87.5×26.5	1.8	22	87.5	26.5	209.73	68.19	0.49	8.06	Carbon
ESM 1.8×22×90×28.5	1.8	22	90	28.5	218.56	68.19	0.47	8.06	Carbon
ESM 1.8×22×92.5×29.5	1.8	22	92.5	29.5	227.4	68.19	0.45	8.06	Carbon
ESM 1.8×22×95×30.5	1.8	22	95	30.5	236.27	68.19	0.43	8.06	Carbon
ESM 1.8×22×97.5×32.5	1.8	22	97.5	32.5	245.08	68.19	0.41	8.06	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×22×100×33.5	1.8	22	100	33.5	253.93	68.19	0.39	8.06	Carbon
ESM 1.8×22×102.5×35.5	1.8	22	102.5	35.5	262.78	68.19	0.38	8.06	Carbon
ESM 1.8×22×105×36.5	1.8	22	105	36.5	271.64	68.19	0.36	8.06	Carbon
ESM 1.8×22×107.5×37.5	1.8	22	107.5	37.5	280.46	68.19	0.35	8.06	Carbon
ESS 1.8×22×60×11.5	1.8	22	60	11.5	113.14	58.82	0.96	8.06	Stainless
ESS 1.8×22×62.5×12.5	1.8	22	62.5	12.5	122.07	58.82	0.85	8.06	Stainless
ESS 1.8×22×65×14.5	1.8	22	65	14.5	130.99	58.82	0.77	8.06	Stainless
ESS 1.8×22×67.5×15.5	1.8	22	67.5	15.5	139.92	58.82	0.7	8.06	Stainless
ESS 1.8×22×70×17.5	1.8	22	70	17.5	148.84	58.82	0.64	8.06	Stainless
ESS 1.8×22×72.5×18.5	1.8	22	72.5	18.5	157.76	58.82	0.6	8.06	Stainless
ESS 1.8×22×75×19.5	1.8	22	75	19.5	166.68	58.82	0.55	8.06	Stainless
ESS 1.8×22×77.5×21.5	1.8	22	77.5	21.5	175.62	58.82	0.52	8.06	Stainless
ESS 1.8×22×80×22.5	1.8	22	80	22.5	184.54	58.82	0.49	8.06	Stainless
ESS 1.8×22×82.5×23.5	1.8	22	82.5	23.5	193.46	58.82	0.46	8.06	Stainless
ESS 1.8×22×85×25.5	1.8	22	85	25.5	202.38	58.82	0.43	8.06	Stainless
ESS 1.8×22×87.5×26.5	1.8	22	87.5	26.5	211.32	58.82	0.41	8.06	Stainless
ESS 1.8×22×90×28.5	1.8	22	90	28.5	220.23	58.82	0.39	8.06	Stainless
ESS 1.8×22×92.5×29.5	1.8	22	92.5	29.5	229.15	58.82	0.37	8.06	Stainless
ESS 1.8×22×95×30.5	1.8	22	95	30.5	238.08	58.82	0.35	8.06	Stainless
ESS 1.8×22×97.5×32.5	1.8	22	97.5	32.5	247.03	58.82	0.34	8.06	Stainless
ESS 1.8×22×100×33.5	1.8	22	100	33.5	255.91	58.82	0.33	8.06	Stainless
ESS 1.8×22×102.5×35.5	1.8	22	102.5	35.5	264.84	58.82	0.31	8.06	Stainless
ESS 1.8×22×105×36.5	1.8	22	105	36.5	273.77	58.82	0.3	8.06	Stainless
ESS 1.8×22×107.5×37.5	1.8	22	107.5	37.5	282.73	58.82	0.29	8.06	Stainless
ESM 1.9×22×60×11.5	1.9	22	60	11.5	106.21	79.77	1.51	10.19	Carbon
ESM 1.9×22×62.5×12.5	1.9	22	62.5	12.5	114.23	79.77	1.35	10.19	Carbon
ESM 1.9×22×65×13.5	1.9	22	65	13.5	122.25	79.77	1.22	10.19	Carbon
ESM 1.9×22×67.5×14.5	1.9	22	67.5	14.5	130.27	79.77	1.11	10.19	Carbon
ESM 1.9×22×70×16.5	1.9	22	70	16.5	138.28	79.77	1.02	10.19	Carbon
ESM 1.9×22×72.5×17.5	1.9	22	72.5	17.5	146.3	79.77	0.94	10.19	Carbon
ESM 1.9×22×75×18.5	1.9	22	75	18.5	154.32	79.77	0.88	10.19	Carbon
ESM 1.9×22×77.5×20.5	1.9	22	77.5	20.5	162.34	79.77	0.82	10.19	Carbon
ESM 1.9×22×80×21.5	1.9	22	80	21.5	170.35	79.77	0.77	10.19	Carbon
ESM 1.9×22×82.5×22.5	1.9	22	82.5	22.5	178.37	79.77	0.73	10.19	Carbon
ESM 1.9×22×85×24.5	1.9	22	85	24.5	186.39	79.77	0.69	10.19	Carbon

M: Carbon Steel;
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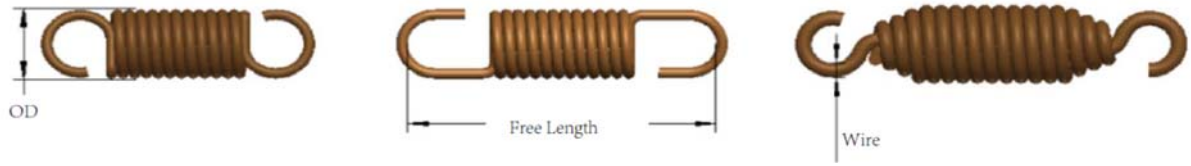
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.9×22×87.5×25.5	1.9	22	87.5	25.5	194.41	79.77	0.65	10.19	Carbon
ESM 1.9×22×90×26.5	1.9	22	90	26.5	202.42	79.77	0.62	10.19	Carbon
ESM 1.9×22×92.5×28.5	1.9	22	92.5	28.5	210.44	79.77	0.59	10.19	Carbon
ESM 1.9×22×95×29.5	1.9	22	95	29.5	218.47	79.77	0.56	10.19	Carbon
ESM 1.9×22×97.5×30.5	1.9	22	97.5	30.5	226.48	79.77	0.54	10.19	Carbon
ESM 1.9×22×100×32.5	1.9	22	100	32.5	234.49	79.77	0.52	10.19	Carbon
ESM 1.9×22×102.5×33.5	1.9	22	102.5	33.5	242.51	79.77	0.5	10.19	Carbon
ESM 1.9×22×105×34.5	1.9	22	105	34.5	250.52	79.77	0.48	10.19	Carbon
ESM 1.9×22×107.5×36.5	1.9	22	107.5	36.5	258.54	79.77	0.46	10.19	Carbon
ESS 1.9×22×60×11.5	1.9	22	60	11.5	106.85	68.97	1.25	10.19	Stainless
ESS 1.9×22×62.5×12.5	1.9	22	62.5	12.5	114.94	68.97	1.12	10.19	Stainless
ESS 1.9×22×65×13.5	1.9	22	65	13.5	123.03	68.97	1.01	10.19	Stainless
ESS 1.9×22×67.5×14.5	1.9	22	67.5	14.5	131.13	68.97	0.92	10.19	Stainless
ESS 1.9×22×70×16.5	1.9	22	70	16.5	139.22	68.97	0.85	10.19	Stainless
ESS 1.9×22×72.5×17.5	1.9	22	72.5	17.5	147.32	68.97	0.79	10.19	Stainless
ESS 1.9×22×75×18.5	1.9	22	75	18.5	155.4	68.97	0.73	10.19	Stainless
ESS 1.9×22×77.5×20.5	1.9	22	77.5	20.5	163.5	68.97	0.68	10.19	Stainless
ESS 1.9×22×80×21.5	1.9	22	80	21.5	171.59	68.97	0.64	10.19	Stainless
ESS 1.9×22×82.5×22.5	1.9	22	82.5	22.5	179.68	68.97	0.6	10.19	Stainless
ESS 1.9×22×85×24.5	1.9	22	85	24.5	187.79	68.97	0.57	10.19	Stainless
ESS 1.9×22×87.5×25.5	1.9	22	87.5	25.5	195.88	68.97	0.54	10.19	Stainless
ESS 1.9×22×90×26.5	1.9	22	90	26.5	203.97	68.97	0.52	10.19	Stainless
ESS 1.9×22×92.5×28.5	1.9	22	92.5	28.5	212.05	68.97	0.49	10.19	Stainless
ESS 1.9×22×95×29.5	1.9	22	95	29.5	220.15	68.97	0.47	10.19	Stainless
ESS 1.9×22×97.5×30.5	1.9	22	97.5	30.5	228.25	68.97	0.45	10.19	Stainless
ESS 1.9×22×100×32.5	1.9	22	100	32.5	236.32	68.97	0.43	10.19	Stainless
ESS 1.9×22×102.5×33.5	1.9	22	102.5	33.5	244.42	68.97	0.41	10.19	Stainless
ESS 1.9×22×105×34.5	1.9	22	105	34.5	252.51	68.97	0.4	10.19	Stainless
ESS 1.9×22×107.5×36.5	1.9	22	107.5	36.5	260.62	68.97	0.38	10.19	Stainless
ESM 2×22×60×10.5	2	22	60	10.5	101.09	92.86	1.95	12.69	Carbon
ESM 2×22×62.5×11.5	2	22	62.5	11.5	108.44	92.86	1.75	12.69	Carbon
ESM 2×22×65×13.5	2	22	65	13.5	115.78	92.86	1.58	12.69	Carbon
ESM 2×22×67.5×14.5	2	22	67.5	14.5	123.13	92.86	1.44	12.69	Carbon
ESM 2×22×70×15.5	2	22	70	15.5	130.47	92.86	1.33	12.69	Carbon
ESM 2×22×72.5×16.5	2	22	72.5	16.5	137.82	92.86	1.23	12.69	Carbon

M: Carbon Steel;
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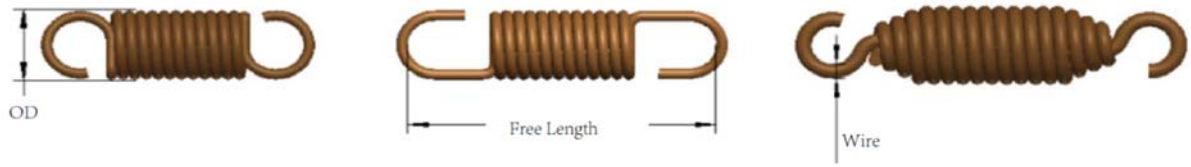
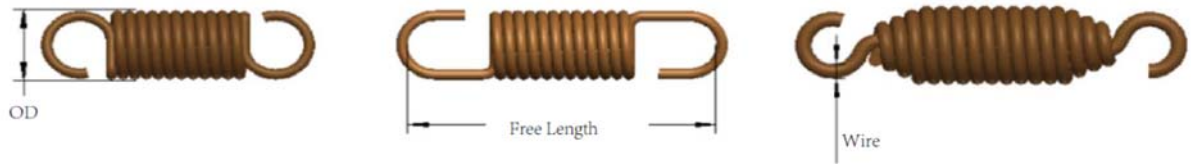
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2×22×75×18.5	2	22	75	18.5	145.16	92.86	1.14	12.69	Carbon
ESM 2×22×77.5×19.5	2	22	77.5	19.5	152.51	92.86	1.07	12.69	Carbon
ESM 2×22×80×20.5	2	22	80	20.5	159.86	92.86	1	12.69	Carbon
ESM 2×22×82.5×21.5	2	22	82.5	21.5	167.2	92.86	0.95	12.69	Carbon
ESM 2×22×85×23.5	2	22	85	23.5	174.54	92.86	0.9	12.69	Carbon
ESM 2×22×87.5×24.5	2	22	87.5	24.5	181.89	92.86	0.85	12.69	Carbon
ESM 2×22×90×25.5	2	22	90	25.5	189.23	92.86	0.81	12.69	Carbon
ESM 2×22×92.5×26.5	2	22	92.5	26.5	196.59	92.86	0.77	12.69	Carbon
ESM 2×22×95×28.5	2	22	95	28.5	203.93	92.86	0.74	12.69	Carbon
ESM 2×22×97.5×29.5	2	22	97.5	29.5	211.28	92.86	0.7	12.69	Carbon
ESM 2×22×100×30.5	2	22	100	30.5	218.61	92.86	0.68	12.69	Carbon
ESM 2×22×102.5×31.5	2	22	102.5	31.5	225.97	92.86	0.65	12.69	Carbon
ESM 2×22×105×33.5	2	22	105	33.5	233.31	92.86	0.62	12.69	Carbon
ESM 2×22×107.5×34.5	2	22	107.5	34.5	240.65	92.86	0.6	12.69	Carbon
ESS 2×22×60×10.5	2	22	60	10.5	101.52	80.19	1.63	12.69	Stainless
ESS 2×22×62.5×11.5	2	22	62.5	11.5	108.92	80.19	1.45	12.69	Stainless
ESS 2×22×65×13.5	2	22	65	13.5	116.31	80.19	1.32	12.69	Stainless
ESS 2×22×67.5×14.5	2	22	67.5	14.5	123.71	80.19	1.2	12.69	Stainless
ESS 2×22×70×15.5	2	22	70	15.5	131.1	80.19	1.1	12.69	Stainless
ESS 2×22×72.5×16.5	2	22	72.5	16.5	138.5	80.19	1.02	12.69	Stainless
ESS 2×22×75×18.5	2	22	75	18.5	145.9	80.19	0.95	12.69	Stainless
ESS 2×22×77.5×19.5	2	22	77.5	19.5	153.29	80.19	0.89	12.69	Stainless
ESS 2×22×80×20.5	2	22	80	20.5	160.69	80.19	0.84	12.69	Stainless
ESS 2×22×82.5×21.5	2	22	82.5	21.5	168.08	80.19	0.79	12.69	Stainless
ESS 2×22×85×23.5	2	22	85	23.5	175.48	80.19	0.75	12.69	Stainless
ESS 2×22×87.5×24.5	2	22	87.5	24.5	182.88	80.19	0.71	12.69	Stainless
ESS 2×22×90×25.5	2	22	90	25.5	190.28	80.19	0.67	12.69	Stainless
ESS 2×22×92.5×26.5	2	22	92.5	26.5	197.67	80.19	0.64	12.69	Stainless
ESS 2×22×95×28.5	2	22	95	28.5	205.07	80.19	0.61	12.69	Stainless
ESS 2×22×97.5×29.5	2	22	97.5	29.5	212.46	80.19	0.59	12.69	Stainless
ESS 2×22×100×30.5	2	22	100	30.5	219.86	80.19	0.56	12.69	Stainless
ESS 2×22×102.5×31.5	2	22	102.5	31.5	227.26	80.19	0.54	12.69	Stainless
ESS 2×22×105×33.5	2	22	105	33.5	234.65	80.19	0.52	12.69	Stainless
ESS 2×22×107.5×34.5	2	22	107.5	34.5	242.06	80.19	0.5	12.69	Stainless
ESM 2.1×22×60×10.5	2.1	22	60	10.5	96.71	107.28	2.5	15.6	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×22×62.5×11.5	2.1	22	62.5	11.5	103.49	107.28	2.24	15.6	Carbon
ESM 2.1×22×65×12.5	2.1	22	65	12.5	110.27	107.28	2.03	15.6	Carbon
ESM 2.1×22×67.5×13.5	2.1	22	67.5	13.5	117.04	107.28	1.85	15.6	Carbon
ESM 2.1×22×70×14.5	2.1	22	70	14.5	123.82	107.28	1.7	15.6	Carbon
ESM 2.1×22×72.5×16.5	2.1	22	72.5	16.5	130.6	107.28	1.58	15.6	Carbon
ESM 2.1×22×75×17.5	2.1	22	75	17.5	137.38	107.28	1.47	15.6	Carbon
ESM 2.1×22×77.5×18.5	2.1	22	77.5	18.5	144.15	107.28	1.38	15.6	Carbon
ESM 2.1×22×80×19.5	2.1	22	80	19.5	150.93	107.28	1.29	15.6	Carbon
ESM 2.1×22×82.5×20.5	2.1	22	82.5	20.5	157.7	107.28	1.22	15.6	Carbon
ESM 2.1×22×85×22.5	2.1	22	85	22.5	164.48	107.28	1.15	15.6	Carbon
ESM 2.1×22×87.5×23.5	2.1	22	87.5	23.5	171.26	107.28	1.09	15.6	Carbon
ESM 2.1×22×90×24.5	2.1	22	90	24.5	178.04	107.28	1.04	15.6	Carbon
ESM 2.1×22×92.5×25.5	2.1	22	92.5	25.5	184.82	107.28	0.99	15.6	Carbon
ESM 2.1×22×95×26.5	2.1	22	95	26.5	191.59	107.28	0.95	15.6	Carbon
ESM 2.1×22×97.5×28.5	2.1	22	97.5	28.5	198.37	107.28	0.91	15.6	Carbon
ESM 2.1×22×100×29.5	2.1	22	100	29.5	205.15	107.28	0.87	15.6	Carbon
ESM 2.1×22×102.5×30.5	2.1	22	102.5	30.5	211.92	107.28	0.84	15.6	Carbon
ESM 2.1×22×105×31.5	2.1	22	105	31.5	218.71	107.28	0.81	15.6	Carbon
ESM 2.1×22×107.5×32.5	2.1	22	107.5	32.5	225.48	107.28	0.78	15.6	Carbon
ESS 2.1×22×60×10.5	2.1	22	60	10.5	96.98	92.55	2.08	15.6	Stainless
ESS 2.1×22×62.5×11.5	2.1	22	62.5	11.5	103.78	92.55	1.86	15.6	Stainless
ESS 2.1×22×65×12.5	2.1	22	65	12.5	110.59	92.55	1.69	15.6	Stainless
ESS 2.1×22×67.5×13.5	2.1	22	67.5	13.5	117.4	92.55	1.54	15.6	Stainless
ESS 2.1×22×70×14.5	2.1	22	70	14.5	124.21	92.55	1.42	15.6	Stainless
ESS 2.1×22×72.5×16.5	2.1	22	72.5	16.5	131.02	92.55	1.32	15.6	Stainless
ESS 2.1×22×75×17.5	2.1	22	75	17.5	137.82	92.55	1.22	15.6	Stainless
ESS 2.1×22×77.5×18.5	2.1	22	77.5	18.5	144.63	92.55	1.15	15.6	Stainless
ESS 2.1×22×80×19.5	2.1	22	80	19.5	151.44	92.55	1.08	15.6	Stainless
ESS 2.1×22×82.5×20.5	2.1	22	82.5	20.5	158.25	92.55	1.02	15.6	Stainless
ESS 2.1×22×85×22.5	2.1	22	85	22.5	165.06	92.55	0.96	15.6	Stainless
ESS 2.1×22×87.5×23.5	2.1	22	87.5	23.5	171.87	92.55	0.91	15.6	Stainless
ESS 2.1×22×90×24.5	2.1	22	90	24.5	178.67	92.55	0.87	15.6	Stainless
ESS 2.1×22×92.5×25.5	2.1	22	92.5	25.5	185.48	92.55	0.83	15.6	Stainless
ESS 2.1×22×95×26.5	2.1	22	95	26.5	192.28	92.55	0.79	15.6	Stainless
ESS 2.1×22×97.5×28.5	2.1	22	97.5	28.5	199.1	92.55	0.76	15.6	Stainless

M: Carbon Steel;
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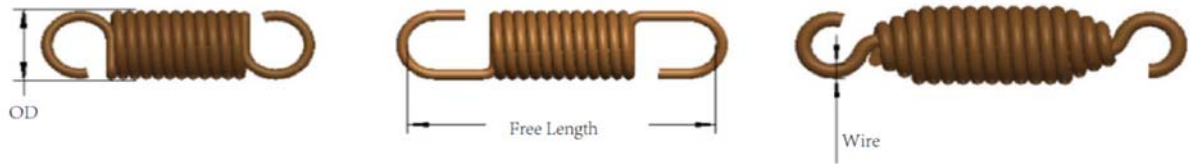
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×22×100×29.5	2.1	22	100	29.5	205.9	92.55	0.73	15.6	Stainless
ESS 2.1×22×102.5×30.5	2.1	22	102.5	30.5	212.71	92.55	0.7	15.6	Stainless
ESS 2.1×22×105×31.5	2.1	22	105	31.5	219.51	92.55	0.67	15.6	Stainless
ESS 2.1×22×107.5×32.5	2.1	22	107.5	32.5	226.32	92.55	0.65	15.6	Stainless
ESM 2.2×22×60×9.5	2.2	22	60	9.5	92.81	122.66	3.16	18.95	Carbon
ESM 2.2×22×62.5×11.5	2.2	22	62.5	11.5	99.09	122.66	2.83	18.95	Carbon
ESM 2.2×22×65×12.5	2.2	22	65	12.5	105.36	122.66	2.57	18.95	Carbon
ESM 2.2×22×67.5×13.5	2.2	22	67.5	13.5	111.64	122.66	2.35	18.95	Carbon
ESM 2.2×22×70×14.5	2.2	22	70	14.5	117.92	122.66	2.16	18.95	Carbon
ESM 2.2×22×72.5×15.5	2.2	22	72.5	15.5	124.2	122.66	2.01	18.95	Carbon
ESM 2.2×22×75×16.5	2.2	22	75	16.5	130.47	122.66	1.87	18.95	Carbon
ESM 2.2×22×77.5×17.5	2.2	22	77.5	17.5	136.75	122.66	1.75	18.95	Carbon
ESM 2.2×22×80×18.5	2.2	22	80	18.5	143.02	122.66	1.65	18.95	Carbon
ESM 2.2×22×82.5×20.5	2.2	22	82.5	20.5	149.3	122.66	1.55	18.95	Carbon
ESM 2.2×22×85×21.5	2.2	22	85	21.5	155.58	122.66	1.47	18.95	Carbon
ESM 2.2×22×87.5×22.5	2.2	22	87.5	22.5	161.86	122.66	1.39	18.95	Carbon
ESM 2.2×22×90×23.5	2.2	22	90	23.5	168.13	122.66	1.33	18.95	Carbon
ESM 2.2×22×92.5×24.5	2.2	22	92.5	24.5	174.41	122.66	1.27	18.95	Carbon
ESM 2.2×22×95×25.5	2.2	22	95	25.5	180.68	122.66	1.21	18.95	Carbon
ESM 2.2×22×97.5×26.5	2.2	22	97.5	26.5	186.96	122.66	1.16	18.95	Carbon
ESM 2.2×22×100×28.5	2.2	22	100	28.5	193.24	122.66	1.11	18.95	Carbon
ESM 2.2×22×102.5×29.5	2.2	22	102.5	29.5	199.52	122.66	1.07	18.95	Carbon
ESM 2.2×22×105×30.5	2.2	22	105	30.5	205.79	122.66	1.03	18.95	Carbon
ESM 2.2×22×107.5×31.5	2.2	22	107.5	31.5	212.07	122.66	0.99	18.95	Carbon
ESS 2.2×22×60×9.5	2.2	22	60	9.5	93.08	106.07	2.63	18.95	Stainless
ESS 2.2×22×62.5×11.5	2.2	22	62.5	11.5	99.38	106.07	2.36	18.95	Stainless
ESS 2.2×22×65×12.5	2.2	22	65	12.5	105.69	106.07	2.14	18.95	Stainless
ESS 2.2×22×67.5×13.5	2.2	22	67.5	13.5	112	106.07	1.96	18.95	Stainless
ESS 2.2×22×70×14.5	2.2	22	70	14.5	118.31	106.07	1.8	18.95	Stainless
ESS 2.2×22×72.5×15.5	2.2	22	72.5	15.5	124.61	106.07	1.67	18.95	Stainless
ESS 2.2×22×75×16.5	2.2	22	75	16.5	130.92	106.07	1.56	18.95	Stainless
ESS 2.2×22×77.5×17.5	2.2	22	77.5	17.5	137.23	106.07	1.46	18.95	Stainless
ESS 2.2×22×80×18.5	2.2	22	80	18.5	143.53	106.07	1.37	18.95	Stainless
ESS 2.2×22×82.5×20.5	2.2	22	82.5	20.5	149.84	106.07	1.29	18.95	Stainless
ESS 2.2×22×85×21.5	2.2	22	85	21.5	156.15	106.07	1.22	18.95	Stainless

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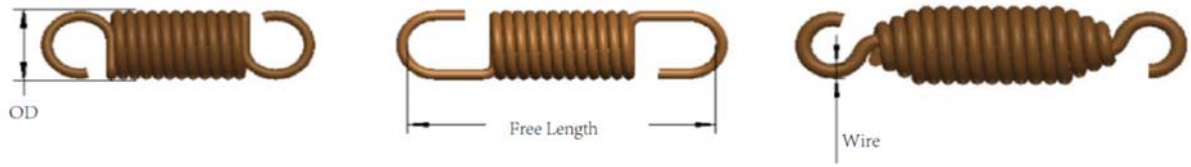
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.2×22×87.5×22.5	2.2	22	87.5	22.5	162.45	106.07	1.16	18.95	Stainless
ESS 2.2×22×90×23.5	2.2	22	90	23.5	168.76	106.07	1.11	18.95	Stainless
ESS 2.2×22×92.5×24.5	2.2	22	92.5	24.5	175.07	106.07	1.06	18.95	Stainless
ESS 2.2×22×95×25.5	2.2	22	95	25.5	181.37	106.07	1.01	18.95	Stainless
ESS 2.2×22×97.5×26.5	2.2	22	97.5	26.5	187.68	106.07	0.97	18.95	Stainless
ESS 2.2×22×100×28.5	2.2	22	100	28.5	194	106.07	0.93	18.95	Stainless
ESS 2.2×22×102.5×29.5	2.2	22	102.5	29.5	200.29	106.07	0.89	18.95	Stainless
ESS 2.2×22×105×30.5	2.2	22	105	30.5	206.6	106.07	0.86	18.95	Stainless
ESS 2.2×22×107.5×31.5	2.2	22	107.5	31.5	212.91	106.07	0.83	18.95	Stainless
ESM 2.3×22×62.5×10.5	2.3	22	62.5	10.5	95.43	139.86	3.56	22.78	Carbon
ESM 2.3×22×65×11.5	2.3	22	65	11.5	101.29	139.86	3.23	22.78	Carbon
ESM 2.3×22×67.5×12.5	2.3	22	67.5	12.5	107.15	139.86	2.95	22.78	Carbon
ESM 2.3×22×70×13.5	2.3	22	70	13.5	113.01	139.86	2.72	22.78	Carbon
ESM 2.3×22×72.5×14.5	2.3	22	72.5	14.5	118.88	139.86	2.52	22.78	Carbon
ESM 2.3×22×75×16.5	2.3	22	75	16.5	124.74	139.86	2.35	22.78	Carbon
ESM 2.3×22×77.5×17.5	2.3	22	77.5	17.5	130.6	139.86	2.21	22.78	Carbon
ESM 2.3×22×80×18.5	2.3	22	80	18.5	136.46	139.86	2.07	22.78	Carbon
ESM 2.3×22×82.5×19.5	2.3	22	82.5	19.5	142.33	139.86	1.96	22.78	Carbon
ESM 2.3×22×85×20.5	2.3	22	85	20.5	148.19	139.86	1.85	22.78	Carbon
ESM 2.3×22×87.5×21.5	2.3	22	87.5	21.5	154.05	139.86	1.76	22.78	Carbon
ESM 2.3×22×90×22.5	2.3	22	90	22.5	159.92	139.86	1.67	22.78	Carbon
ESM 2.3×22×92.5×23.5	2.3	22	92.5	23.5	165.78	139.86	1.6	22.78	Carbon
ESM 2.3×22×95×24.5	2.3	22	95	24.5	171.64	139.86	1.53	22.78	Carbon
ESM 2.3×22×97.5×25.5	2.3	22	97.5	25.5	177.5	139.86	1.46	22.78	Carbon
ESM 2.3×22×100×26.5	2.3	22	100	26.5	183.37	139.86	1.4	22.78	Carbon
ESM 2.3×22×102.5×28.5	2.3	22	102.5	28.5	189.23	139.86	1.35	22.78	Carbon
ESM 2.3×22×105×29.5	2.3	22	105	29.5	195.09	139.86	1.3	22.78	Carbon
ESM 2.3×22×107.5×30.5	2.3	22	107.5	30.5	200.95	139.86	1.25	22.78	Carbon
ESM 2.3×22×110×31.5	2.3	22	110	31.5	206.82	139.86	1.21	22.78	Carbon
ESS 2.3×22×62.5×10.5	2.3	22	62.5	10.5	95.58	120.81	2.96	22.78	Stainless
ESS 2.3×22×65×11.5	2.3	22	65	11.5	101.46	120.81	2.69	22.78	Stainless
ESS 2.3×22×67.5×12.5	2.3	22	67.5	12.5	107.34	120.81	2.46	22.78	Stainless
ESS 2.3×22×70×13.5	2.3	22	70	13.5	113.22	120.81	2.27	22.78	Stainless
ESS 2.3×22×72.5×14.5	2.3	22	72.5	14.5	119.1	120.81	2.1	22.78	Stainless
ESS 2.3×22×75×16.5	2.3	22	75	16.5	124.98	120.81	1.96	22.78	Stainless

M: Carbon Steel;
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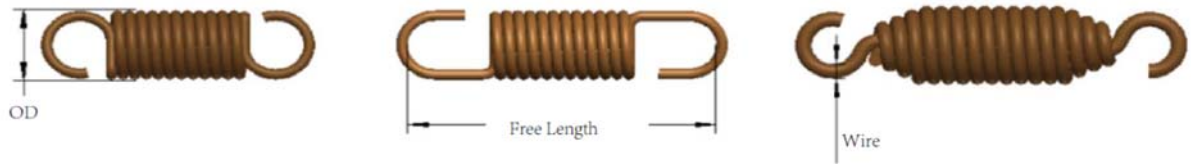
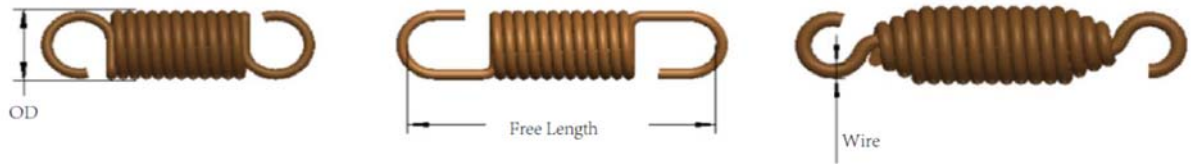
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.3×22×77.5×17.5	2.3	22	77.5	17.5	130.85	120.81	1.84	22.78	Stainless
ESS 2.3×22×80×18.5	2.3	22	80	18.5	136.73	120.81	1.73	22.78	Stainless
ESS 2.3×22×82.5×19.5	2.3	22	82.5	19.5	142.61	120.81	1.63	22.78	Stainless
ESS 2.3×22×85×20.5	2.3	22	85	20.5	148.49	120.81	1.54	22.78	Stainless
ESS 2.3×22×87.5×21.5	2.3	22	87.5	21.5	154.37	120.81	1.47	22.78	Stainless
ESS 2.3×22×90×22.5	2.3	22	90	22.5	160.25	120.81	1.4	22.78	Stainless
ESS 2.3×22×92.5×23.5	2.3	22	92.5	23.5	166.13	120.81	1.33	22.78	Stainless
ESS 2.3×22×95×24.5	2.3	22	95	24.5	172	120.81	1.27	22.78	Stainless
ESS 2.3×22×97.5×25.5	2.3	22	97.5	25.5	177.89	120.81	1.22	22.78	Stainless
ESS 2.3×22×100×26.5	2.3	22	100	26.5	183.77	120.81	1.17	22.78	Stainless
ESS 2.3×22×102.5×28.5	2.3	22	102.5	28.5	189.64	120.81	1.13	22.78	Stainless
ESS 2.3×22×105×29.5	2.3	22	105	29.5	195.52	120.81	1.08	22.78	Stainless
ESS 2.3×22×107.5×30.5	2.3	22	107.5	30.5	201.4	120.81	1.04	22.78	Stainless
ESS 2.3×22×110×31.5	2.3	22	110	31.5	207.28	120.81	1.01	22.78	Stainless
ESM 2.4×22×62.5×10.5	2.4	22	62.5	10.5	92.24	158.58	4.42	27.12	Carbon
ESM 2.4×22×65×11.5	2.4	22	65	11.5	97.75	158.58	4.01	27.12	Carbon
ESM 2.4×22×67.5×12.5	2.4	22	67.5	12.5	103.25	158.58	3.68	27.12	Carbon
ESM 2.4×22×70×13.5	2.4	22	70	13.5	108.76	158.58	3.39	27.12	Carbon
ESM 2.4×22×72.5×14.5	2.4	22	72.5	14.5	114.26	158.58	3.15	27.12	Carbon
ESM 2.4×22×75×15.5	2.4	22	75	15.5	119.77	158.58	2.94	27.12	Carbon
ESM 2.4×22×77.5×16.5	2.4	22	77.5	16.5	125.27	158.58	2.75	27.12	Carbon
ESM 2.4×22×80×17.5	2.4	22	80	17.5	130.78	158.58	2.59	27.12	Carbon
ESM 2.4×22×82.5×18.5	2.4	22	82.5	18.5	136.28	158.58	2.44	27.12	Carbon
ESM 2.4×22×85×19.5	2.4	22	85	19.5	141.79	158.58	2.31	27.12	Carbon
ESM 2.4×22×87.5×20.5	2.4	22	87.5	20.5	147.29	158.58	2.2	27.12	Carbon
ESM 2.4×22×90×21.5	2.4	22	90	21.5	152.8	158.58	2.09	27.12	Carbon
ESM 2.4×22×92.5×22.5	2.4	22	92.5	22.5	158.3	158.58	2	27.12	Carbon
ESM 2.4×22×95×23.5	2.4	22	95	23.5	163.81	158.58	1.91	27.12	Carbon
ESM 2.4×22×97.5×24.5	2.4	22	97.5	24.5	169.32	158.58	1.83	27.12	Carbon
ESM 2.4×22×100×25.5	2.4	22	100	25.5	174.82	158.58	1.76	27.12	Carbon
ESM 2.4×22×102.5×26.5	2.4	22	102.5	26.5	180.33	158.58	1.69	27.12	Carbon
ESM 2.4×22×105×28.5	2.4	22	105	28.5	185.83	158.58	1.63	27.12	Carbon
ESM 2.4×22×107.5×29.5	2.4	22	107.5	29.5	191.34	158.58	1.57	27.12	Carbon
ESM 2.4×22×110×30.5	2.4	22	110	30.5	196.85	158.58	1.51	27.12	Carbon
ESS 2.4×22×62.5×10.5	2.4	22	62.5	10.5	92.28	136.82	3.68	27.12	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×22×65×11.5	2.4	22	65	11.5	97.79	136.82	3.35	27.12	Stainless
ESS 2.4×22×67.5×12.5	2.4	22	67.5	12.5	103.3	136.82	3.06	27.12	Stainless
ESS 2.4×22×70×13.5	2.4	22	70	13.5	108.81	136.82	2.83	27.12	Stainless
ESS 2.4×22×72.5×14.5	2.4	22	72.5	14.5	114.32	136.82	2.62	27.12	Stainless
ESS 2.4×22×75×15.5	2.4	22	75	15.5	119.83	136.82	2.45	27.12	Stainless
ESS 2.4×22×77.5×16.5	2.4	22	77.5	16.5	125.34	136.82	2.29	27.12	Stainless
ESS 2.4×22×80×17.5	2.4	22	80	17.5	130.85	136.82	2.16	27.12	Stainless
ESS 2.4×22×82.5×18.5	2.4	22	82.5	18.5	136.36	136.82	2.04	27.12	Stainless
ESS 2.4×22×85×19.5	2.4	22	85	19.5	141.87	136.82	1.93	27.12	Stainless
ESS 2.4×22×87.5×20.5	2.4	22	87.5	20.5	147.38	136.82	1.83	27.12	Stainless
ESS 2.4×22×90×21.5	2.4	22	90	21.5	152.89	136.82	1.74	27.12	Stainless
ESS 2.4×22×92.5×22.5	2.4	22	92.5	22.5	158.4	136.82	1.66	27.12	Stainless
ESS 2.4×22×95×23.5	2.4	22	95	23.5	163.91	136.82	1.59	27.12	Stainless
ESS 2.4×22×97.5×24.5	2.4	22	97.5	24.5	169.42	136.82	1.53	27.12	Stainless
ESS 2.4×22×100×25.5	2.4	22	100	25.5	174.93	136.82	1.46	27.12	Stainless
ESS 2.4×22×102.5×26.5	2.4	22	102.5	26.5	180.44	136.82	1.41	27.12	Stainless
ESS 2.4×22×105×28.5	2.4	22	105	28.5	185.94	136.82	1.36	27.12	Stainless
ESS 2.4×22×107.5×29.5	2.4	22	107.5	29.5	191.45	136.82	1.31	27.12	Stainless
ESS 2.4×22×110×30.5	2.4	22	110	30.5	196.96	136.82	1.26	27.12	Stainless
ESM 2.5×22×62.5×10.5	2.5	22	62.5	10.5	89.45	178.86	5.45	32.02	Carbon
ESM 2.5×22×65×11.5	2.5	22	65	11.5	94.65	178.86	4.95	32.02	Carbon
ESM 2.5×22×67.5×12.5	2.5	22	67.5	12.5	99.85	178.86	4.54	32.02	Carbon
ESM 2.5×22×70×13.5	2.5	22	70	13.5	105.04	178.86	4.19	32.02	Carbon
ESM 2.5×22×72.5×14.5	2.5	22	72.5	14.5	110.24	178.86	3.89	32.02	Carbon
ESM 2.5×22×75×15.5	2.5	22	75	15.5	115.43	178.86	3.63	32.02	Carbon
ESM 2.5×22×77.5×16.5	2.5	22	77.5	16.5	120.63	178.86	3.4	32.02	Carbon
ESM 2.5×22×80×17.5	2.5	22	80	17.5	125.82	178.86	3.2	32.02	Carbon
ESM 2.5×22×82.5×18.5	2.5	22	82.5	18.5	131.02	178.86	3.03	32.02	Carbon
ESM 2.5×22×85×19.5	2.5	22	85	19.5	136.21	178.86	2.87	32.02	Carbon
ESM 2.5×22×87.5×20.5	2.5	22	87.5	20.5	141.41	178.86	2.72	32.02	Carbon
ESM 2.5×22×90×21.5	2.5	22	90	21.5	146.6	178.86	2.59	32.02	Carbon
ESM 2.5×22×92.5×22.5	2.5	22	92.5	22.5	151.8	178.86	2.48	32.02	Carbon
ESM 2.5×22×95×23.5	2.5	22	95	23.5	157	178.86	2.37	32.02	Carbon
ESM 2.5×22×97.5×24.5	2.5	22	97.5	24.5	162.19	178.86	2.27	32.02	Carbon
ESM 2.5×22×100×25.5	2.5	22	100	25.5	167.39	178.86	2.18	32.02	Carbon

M: Carbon Steel;
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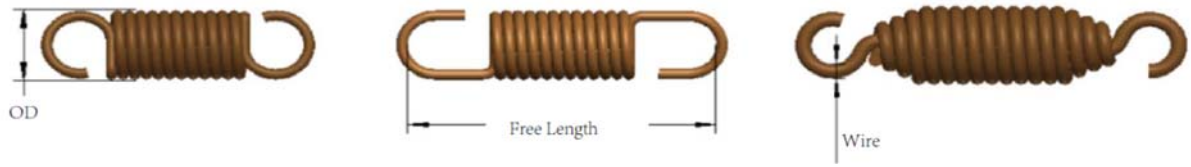
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×22×102.5×26.5	2.5	22	102.5	26.5	172.58	178.86	2.1	32.02	Carbon
ESM 2.5×22×105×27.5	2.5	22	105	27.5	177.78	178.86	2.02	32.02	Carbon
ESM 2.5×22×107.5×28.5	2.5	22	107.5	28.5	182.98	178.86	1.95	32.02	Carbon
ESM 2.5×22×110×29.5	2.5	22	110	29.5	188.17	178.86	1.88	32.02	Carbon
ESS 2.5×22×62.5×10.5	2.5	22	62.5	10.5	89.4	154.14	4.54	32.02	Stainless
ESS 2.5×22×65×11.5	2.5	22	65	11.5	94.59	154.14	4.13	32.02	Stainless
ESS 2.5×22×67.5×12.5	2.5	22	67.5	12.5	99.78	154.14	3.78	32.02	Stainless
ESS 2.5×22×70×13.5	2.5	22	70	13.5	104.97	154.14	3.49	32.02	Stainless
ESS 2.5×22×72.5×14.5	2.5	22	72.5	14.5	110.16	154.14	3.24	32.02	Stainless
ESS 2.5×22×75×15.5	2.5	22	75	15.5	115.35	154.14	3.03	32.02	Stainless
ESS 2.5×22×77.5×16.5	2.5	22	77.5	16.5	120.54	154.14	2.84	32.02	Stainless
ESS 2.5×22×80×17.5	2.5	22	80	17.5	125.73	154.14	2.67	32.02	Stainless
ESS 2.5×22×82.5×18.5	2.5	22	82.5	18.5	130.92	154.14	2.52	32.02	Stainless
ESS 2.5×22×85×19.5	2.5	22	85	19.5	136.11	154.14	2.39	32.02	Stainless
ESS 2.5×22×87.5×20.5	2.5	22	87.5	20.5	141.3	154.14	2.27	32.02	Stainless
ESS 2.5×22×90×21.5	2.5	22	90	21.5	146.49	154.14	2.16	32.02	Stainless
ESS 2.5×22×92.5×22.5	2.5	22	92.5	22.5	151.68	154.14	2.06	32.02	Stainless
ESS 2.5×22×95×23.5	2.5	22	95	23.5	156.87	154.14	1.97	32.02	Stainless
ESS 2.5×22×97.5×24.5	2.5	22	97.5	24.5	162.06	154.14	1.89	32.02	Stainless
ESS 2.5×22×100×25.5	2.5	22	100	25.5	167.26	154.14	1.82	32.02	Stainless
ESS 2.5×22×102.5×26.5	2.5	22	102.5	26.5	172.44	154.14	1.75	32.02	Stainless
ESS 2.5×22×105×27.5	2.5	22	105	27.5	177.64	154.14	1.68	32.02	Stainless
ESS 2.5×22×107.5×28.5	2.5	22	107.5	28.5	182.82	154.14	1.62	32.02	Stainless
ESS 2.5×22×110×29.5	2.5	22	110	29.5	188.01	154.14	1.57	32.02	Stainless
ESM 2.6×22×65×10.5	2.6	22	65	10.5	92.97	200.02	5.81	37.51	Carbon
ESM 2.6×22×67.5×11.5	2.6	22	67.5	11.5	97.99	200.02	5.33	37.51	Carbon
ESM 2.6×22×70×12.5	2.6	22	70	12.5	103.01	200.02	4.92	37.51	Carbon
ESM 2.6×22×72.5×13.5	2.6	22	72.5	13.5	108.03	200.02	4.57	37.51	Carbon
ESM 2.6×22×75×14.5	2.6	22	75	14.5	113.05	200.02	4.27	37.51	Carbon
ESM 2.6×22×77.5×15.5	2.6	22	77.5	15.5	118.07	200.02	4.01	37.51	Carbon
ESM 2.6×22×80×16.5	2.6	22	80	16.5	123.09	200.02	3.77	37.51	Carbon
ESM 2.6×22×82.5×17.5	2.6	22	82.5	17.5	128.11	200.02	3.56	37.51	Carbon
ESM 2.6×22×85×18.5	2.6	22	85	18.5	133.13	200.02	3.38	37.51	Carbon
ESM 2.6×22×87.5×19.5	2.6	22	87.5	19.5	138.15	200.02	3.21	37.51	Carbon
ESM 2.6×22×90×20.5	2.6	22	90	20.5	143.17	200.02	3.06	37.51	Carbon

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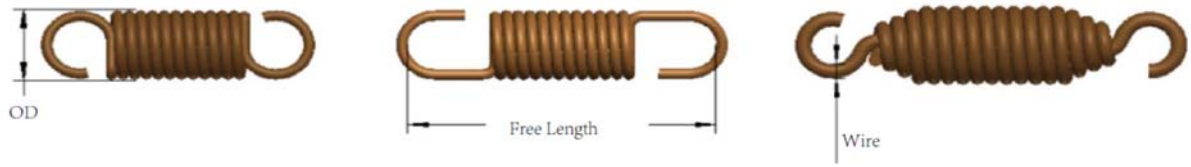
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×22×92.5×21.5	2.6	22	92.5	21.5	148.19	200.02	2.92	37.51	Carbon
ESM 2.6×22×95×22.5	2.6	22	95	22.5	153.21	200.02	2.79	37.51	Carbon
ESM 2.6×22×97.5×23.5	2.6	22	97.5	23.5	158.23	200.02	2.68	37.51	Carbon
ESM 2.6×22×100×24.5	2.6	22	100	24.5	163.25	200.02	2.57	37.51	Carbon
ESM 2.6×22×102.5×25.5	2.6	22	102.5	25.5	168.27	200.02	2.47	37.51	Carbon
ESM 2.6×22×105×26.5	2.6	22	105	26.5	173.29	200.02	2.38	37.51	Carbon
ESM 2.6×22×107.5×27.5	2.6	22	107.5	27.5	178.3	200.02	2.3	37.51	Carbon
ESM 2.6×22×110×27.5	2.6	22	110	27.5	183.32	200.02	2.22	37.51	Carbon
ESM 2.6×22×112.5×28.5	2.6	22	112.5	28.5	188.34	200.02	2.14	37.51	Carbon
ESS 2.6×22×65×10.5	2.6	22	65	10.5	91.78	172.81	5.05	37.51	Stainless
ESS 2.6×22×67.5×11.5	2.6	22	67.5	11.5	96.7	172.81	4.63	37.51	Stainless
ESS 2.6×22×70×12.5	2.6	22	70	12.5	101.61	172.81	4.28	37.51	Stainless
ESS 2.6×22×72.5×13.5	2.6	22	72.5	13.5	106.52	172.81	3.98	37.51	Stainless
ESS 2.6×22×75×14.5	2.6	22	75	14.5	111.43	172.81	3.71	37.51	Stainless
ESS 2.6×22×77.5×15.5	2.6	22	77.5	15.5	116.35	172.81	3.48	37.51	Stainless
ESS 2.6×22×80×16.5	2.6	22	80	16.5	121.26	172.81	3.28	37.51	Stainless
ESS 2.6×22×82.5×17.5	2.6	22	82.5	17.5	126.17	172.81	3.1	37.51	Stainless
ESS 2.6×22×85×18.5	2.6	22	85	18.5	131.08	172.81	2.94	37.51	Stainless
ESS 2.6×22×87.5×19.5	2.6	22	87.5	19.5	135.99	172.81	2.79	37.51	Stainless
ESS 2.6×22×90×20.5	2.6	22	90	20.5	140.91	172.81	2.66	37.51	Stainless
ESS 2.6×22×92.5×21.5	2.6	22	92.5	21.5	145.82	172.81	2.54	37.51	Stainless
ESS 2.6×22×95×22.5	2.6	22	95	22.5	150.73	172.81	2.43	37.51	Stainless
ESS 2.6×22×97.5×23.5	2.6	22	97.5	23.5	155.64	172.81	2.33	37.51	Stainless
ESS 2.6×22×100×24.5	2.6	22	100	24.5	160.56	172.81	2.23	37.51	Stainless
ESS 2.6×22×102.5×25.5	2.6	22	102.5	25.5	165.47	172.81	2.15	37.51	Stainless
ESS 2.6×22×105×26.5	2.6	22	105	26.5	170.38	172.81	2.07	37.51	Stainless
ESS 2.6×22×107.5×27.5	2.6	22	107.5	27.5	175.29	172.81	2	37.51	Stainless
ESS 2.6×22×110×27.5	2.6	22	110	27.5	180.2	172.81	1.93	37.51	Stainless
ESS 2.6×22×112.5×28.5	2.6	22	112.5	28.5	185.12	172.81	1.86	37.51	Stainless
ESM 1.6×23×65×14.5	1.6	23	65	14.5	152.02	45.83	0.48	4.26	Carbon
ESM 1.6×23×67.5×16.5	1.6	23	67.5	16.5	163.91	45.83	0.43	4.26	Carbon
ESM 1.6×23×70×17.5	1.6	23	70	17.5	175.81	45.83	0.39	4.26	Carbon
ESM 1.6×23×72.5×19.5	1.6	23	72.5	19.5	187.69	45.83	0.36	4.26	Carbon
ESM 1.6×23×75×20.5	1.6	23	75	20.5	199.61	45.83	0.33	4.26	Carbon
ESM 1.6×23×77.5×22.5	1.6	23	77.5	22.5	211.47	45.83	0.31	4.26	Carbon

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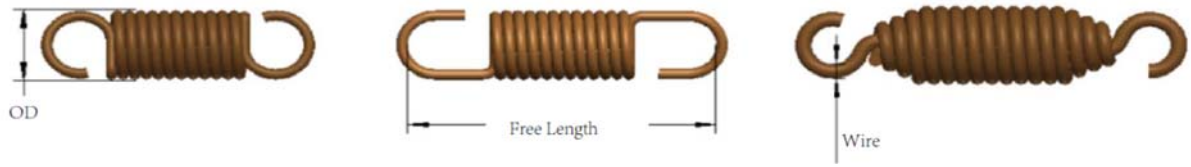
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.6×23×80×23.5	1.6	23	80	23.5	223.4	45.83	0.29	4.26	Carbon
ESM 1.6×23×82.5×25.5	1.6	23	82.5	25.5	235.28	45.83	0.27	4.26	Carbon
ESM 1.6×23×85×26.5	1.6	23	85	26.5	247.2	45.83	0.26	4.26	Carbon
ESM 1.6×23×87.5×28.5	1.6	23	87.5	28.5	259.07	45.83	0.24	4.26	Carbon
ESM 1.6×23×90×30.5	1.6	23	90	30.5	270.98	45.83	0.23	4.26	Carbon
ESM 1.6×23×92.5×31.5	1.6	23	92.5	31.5	282.85	45.83	0.22	4.26	Carbon
ESM 1.6×23×95×33.5	1.6	23	95	33.5	294.77	45.83	0.21	4.26	Carbon
ESM 1.6×23×97.5×34.5	1.6	23	97.5	34.5	306.61	45.83	0.2	4.26	Carbon
ESM 1.6×23×100×36.5	1.6	23	100	36.5	318.57	45.83	0.19	4.26	Carbon
ESM 1.6×23×102.5×37.5	1.6	23	102.5	37.5	330.41	45.83	0.18	4.26	Carbon
ESM 1.6×23×105×39.5	1.6	23	105	39.5	342.28	45.83	0.18	4.26	Carbon
ESM 1.6×23×107.5×41.5	1.6	23	107.5	41.5	354.21	45.83	0.17	4.26	Carbon
ESM 1.6×23×110×42.5	1.6	23	110	42.5	366.14	45.83	0.16	4.26	Carbon
ESM 1.6×23×112.5×44.5	1.6	23	112.5	44.5	377.96	45.83	0.16	4.26	Carbon
ESS 1.6×23×65×14.5	1.6	23	65	14.5	153.81	39.62	0.4	4.26	Stainless
ESS 1.6×23×67.5×16.5	1.6	23	67.5	16.5	165.91	39.62	0.36	4.26	Stainless
ESS 1.6×23×70×17.5	1.6	23	70	17.5	177.99	39.62	0.33	4.26	Stainless
ESS 1.6×23×72.5×19.5	1.6	23	72.5	19.5	190.08	39.62	0.3	4.26	Stainless
ESS 1.6×23×75×20.5	1.6	23	75	20.5	202.18	39.62	0.28	4.26	Stainless
ESS 1.6×23×77.5×22.5	1.6	23	77.5	22.5	214.28	39.62	0.26	4.26	Stainless
ESS 1.6×23×80×23.5	1.6	23	80	23.5	226.35	39.62	0.24	4.26	Stainless
ESS 1.6×23×82.5×25.5	1.6	23	82.5	25.5	238.4	39.62	0.23	4.26	Stainless
ESS 1.6×23×85×26.5	1.6	23	85	26.5	250.53	39.62	0.21	4.26	Stainless
ESS 1.6×23×87.5×28.5	1.6	23	87.5	28.5	262.62	39.62	0.2	4.26	Stainless
ESS 1.6×23×90×30.5	1.6	23	90	30.5	274.73	39.62	0.19	4.26	Stainless
ESS 1.6×23×92.5×31.5	1.6	23	92.5	31.5	286.77	39.62	0.18	4.26	Stainless
ESS 1.6×23×95×33.5	1.6	23	95	33.5	298.9	39.62	0.17	4.26	Stainless
ESS 1.6×23×97.5×34.5	1.6	23	97.5	34.5	311.01	39.62	0.17	4.26	Stainless
ESS 1.6×23×100×36.5	1.6	23	100	36.5	323.07	39.62	0.16	4.26	Stainless
ESS 1.6×23×102.5×37.5	1.6	23	102.5	37.5	335.11	39.62	0.15	4.26	Stainless
ESS 1.6×23×105×39.5	1.6	23	105	39.5	347.17	39.62	0.15	4.26	Stainless
ESS 1.6×23×107.5×41.5	1.6	23	107.5	41.5	359.33	39.62	0.14	4.26	Stainless
ESS 1.6×23×110×42.5	1.6	23	110	42.5	371.32	39.62	0.14	4.26	Stainless
ESS 1.6×23×112.5×44.5	1.6	23	112.5	44.5	383.44	39.62	0.13	4.26	Stainless
ESM 1.7×23×65×13.5	1.7	23	65	13.5	140.91	54.86	0.65	5.61	Carbon

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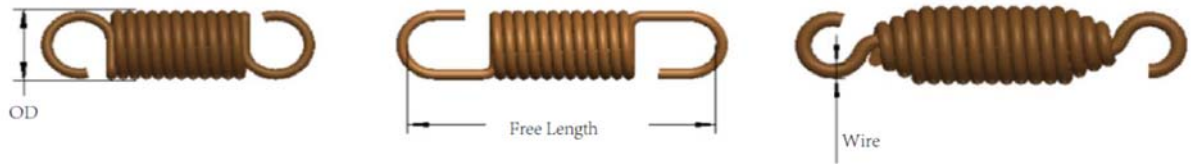
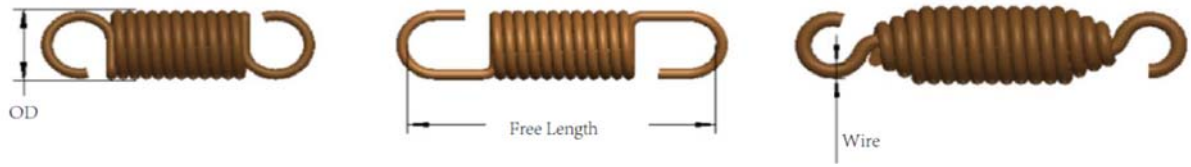
Max Length - Max Load



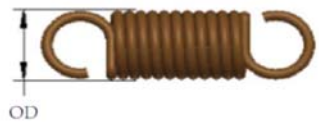
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×23×67.5×15.5	1.7	23	67.5	15.5	151.51	54.86	0.59	5.61	Carbon
ESM 1.7×23×70×16.5	1.7	23	70	16.5	162.12	54.86	0.53	5.61	Carbon
ESM 1.7×23×72.5×18.5	1.7	23	72.5	18.5	172.71	54.86	0.49	5.61	Carbon
ESM 1.7×23×75×19.5	1.7	23	75	19.5	183.33	54.86	0.45	5.61	Carbon
ESM 1.7×23×77.5×21.5	1.7	23	77.5	21.5	193.92	54.86	0.42	5.61	Carbon
ESM 1.7×23×80×22.5	1.7	23	80	22.5	204.51	54.86	0.4	5.61	Carbon
ESM 1.7×23×82.5×24.5	1.7	23	82.5	24.5	215.13	54.86	0.37	5.61	Carbon
ESM 1.7×23×85×25.5	1.7	23	85	25.5	225.74	54.86	0.35	5.61	Carbon
ESM 1.7×23×87.5×27.5	1.7	23	87.5	27.5	236.32	54.86	0.33	5.61	Carbon
ESM 1.7×23×90×28.5	1.7	23	90	28.5	246.93	54.86	0.31	5.61	Carbon
ESM 1.7×23×92.5×29.5	1.7	23	92.5	29.5	257.53	54.86	0.3	5.61	Carbon
ESM 1.7×23×95×31.5	1.7	23	95	31.5	268.16	54.86	0.28	5.61	Carbon
ESM 1.7×23×97.5×32.5	1.7	23	97.5	32.5	278.75	54.86	0.27	5.61	Carbon
ESM 1.7×23×100×34.5	1.7	23	100	34.5	289.33	54.86	0.26	5.61	Carbon
ESM 1.7×23×102.5×35.5	1.7	23	102.5	35.5	299.96	54.86	0.25	5.61	Carbon
ESM 1.7×23×105×37.5	1.7	23	105	37.5	310.53	54.86	0.24	5.61	Carbon
ESM 1.7×23×107.5×38.5	1.7	23	107.5	38.5	321.15	54.86	0.23	5.61	Carbon
ESM 1.7×23×110×40.5	1.7	23	110	40.5	331.73	54.86	0.22	5.61	Carbon
ESM 1.7×23×112.5×41.5	1.7	23	112.5	41.5	342.4	54.86	0.21	5.61	Carbon
ESS 1.7×23×65×13.5	1.7	23	65	13.5	142.24	47.37	0.54	5.61	Stainless
ESS 1.7×23×67.5×15.5	1.7	23	67.5	15.5	152.98	47.37	0.49	5.61	Stainless
ESS 1.7×23×70×16.5	1.7	23	70	16.5	163.73	47.37	0.45	5.61	Stainless
ESS 1.7×23×72.5×18.5	1.7	23	72.5	18.5	174.47	47.37	0.41	5.61	Stainless
ESS 1.7×23×75×19.5	1.7	23	75	19.5	185.23	47.37	0.38	5.61	Stainless
ESS 1.7×23×77.5×21.5	1.7	23	77.5	21.5	195.96	47.37	0.35	5.61	Stainless
ESS 1.7×23×80×22.5	1.7	23	80	22.5	206.73	47.37	0.33	5.61	Stainless
ESS 1.7×23×82.5×24.5	1.7	23	82.5	24.5	217.46	47.37	0.31	5.61	Stainless
ESS 1.7×23×85×25.5	1.7	23	85	25.5	228.2	47.37	0.29	5.61	Stainless
ESS 1.7×23×87.5×27.5	1.7	23	87.5	27.5	238.96	47.37	0.28	5.61	Stainless
ESS 1.7×23×90×28.5	1.7	23	90	28.5	249.68	47.37	0.26	5.61	Stainless
ESS 1.7×23×92.5×29.5	1.7	23	92.5	29.5	260.47	47.37	0.25	5.61	Stainless
ESS 1.7×23×95×31.5	1.7	23	95	31.5	271.19	47.37	0.24	5.61	Stainless
ESS 1.7×23×97.5×32.5	1.7	23	97.5	32.5	281.94	47.37	0.23	5.61	Stainless
ESS 1.7×23×100×34.5	1.7	23	100	34.5	292.69	47.37	0.22	5.61	Stainless
ESS 1.7×23×102.5×35.5	1.7	23	102.5	35.5	303.45	47.37	0.21	5.61	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.7×23×105×37.5	1.7	23	105	37.5	314.2	47.37	0.2	5.61	Stainless
ESS 1.7×23×107.5×38.5	1.7	23	107.5	38.5	324.87	47.37	0.19	5.61	Stainless
ESS 1.7×23×110×40.5	1.7	23	110	40.5	335.71	47.37	0.19	5.61	Stainless
ESS 1.7×23×112.5×41.5	1.7	23	112.5	41.5	346.43	47.37	0.18	5.61	Stainless
ESM 1.8×23×65×13.5	1.8	23	65	13.5	131.67	64.98	0.87	7.24	Carbon
ESM 1.8×23×67.5×14.5	1.8	23	67.5	14.5	141.21	64.98	0.78	7.24	Carbon
ESM 1.8×23×70×15.5	1.8	23	70	15.5	150.75	64.98	0.72	7.24	Carbon
ESM 1.8×23×72.5×17.5	1.8	23	72.5	17.5	160.29	64.98	0.66	7.24	Carbon
ESM 1.8×23×75×18.5	1.8	23	75	18.5	169.82	64.98	0.61	7.24	Carbon
ESM 1.8×23×77.5×20.5	1.8	23	77.5	20.5	179.36	64.98	0.57	7.24	Carbon
ESM 1.8×23×80×21.5	1.8	23	80	21.5	188.9	64.98	0.53	7.24	Carbon
ESM 1.8×23×82.5×22.5	1.8	23	82.5	22.5	198.44	64.98	0.5	7.24	Carbon
ESM 1.8×23×85×24.5	1.8	23	85	24.5	207.98	64.98	0.47	7.24	Carbon
ESM 1.8×23×87.5×25.5	1.8	23	87.5	25.5	217.51	64.98	0.44	7.24	Carbon
ESM 1.8×23×90×27.5	1.8	23	90	27.5	227.05	64.98	0.42	7.24	Carbon
ESM 1.8×23×92.5×28.5	1.8	23	92.5	28.5	236.59	64.98	0.4	7.24	Carbon
ESM 1.8×23×95×29.5	1.8	23	95	29.5	246.14	64.98	0.38	7.24	Carbon
ESM 1.8×23×97.5×31.5	1.8	23	97.5	31.5	255.68	64.98	0.37	7.24	Carbon
ESM 1.8×23×100×32.5	1.8	23	100	32.5	265.2	64.98	0.35	7.24	Carbon
ESM 1.8×23×102.5×33.5	1.8	23	102.5	33.5	274.75	64.98	0.34	7.24	Carbon
ESM 1.8×23×105×35.5	1.8	23	105	35.5	284.31	64.98	0.32	7.24	Carbon
ESM 1.8×23×107.5×36.5	1.8	23	107.5	36.5	293.81	64.98	0.31	7.24	Carbon
ESM 1.8×23×110×38.5	1.8	23	110	38.5	303.36	64.98	0.3	7.24	Carbon
ESM 1.8×23×112.5×39.5	1.8	23	112.5	39.5	312.91	64.98	0.29	7.24	Carbon
ESS 1.8×23×65×13.5	1.8	23	65	13.5	132.63	56.05	0.72	7.24	Stainless
ESS 1.8×23×67.5×14.5	1.8	23	67.5	14.5	142.26	56.05	0.65	7.24	Stainless
ESS 1.8×23×70×15.5	1.8	23	70	15.5	151.9	56.05	0.6	7.24	Stainless
ESS 1.8×23×72.5×17.5	1.8	23	72.5	17.5	161.54	56.05	0.55	7.24	Stainless
ESS 1.8×23×75×18.5	1.8	23	75	18.5	171.19	56.05	0.51	7.24	Stainless
ESS 1.8×23×77.5×20.5	1.8	23	77.5	20.5	180.84	56.05	0.47	7.24	Stainless
ESS 1.8×23×80×21.5	1.8	23	80	21.5	190.47	56.05	0.44	7.24	Stainless
ESS 1.8×23×82.5×22.5	1.8	23	82.5	22.5	200.1	56.05	0.42	7.24	Stainless
ESS 1.8×23×85×24.5	1.8	23	85	24.5	209.76	56.05	0.39	7.24	Stainless
ESS 1.8×23×87.5×25.5	1.8	23	87.5	25.5	219.37	56.05	0.37	7.24	Stainless
ESS 1.8×23×90×27.5	1.8	23	90	27.5	229.05	56.05	0.35	7.24	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.8×23×92.5×28.5	1.8	23	92.5	28.5	238.67	56.05	0.33	7.24	Stainless
ESS 1.8×23×95×29.5	1.8	23	95	29.5	248.28	56.05	0.32	7.24	Stainless
ESS 1.8×23×97.5×31.5	1.8	23	97.5	31.5	257.94	56.05	0.3	7.24	Stainless
ESS 1.8×23×100×32.5	1.8	23	100	32.5	267.6	56.05	0.29	7.24	Stainless
ESS 1.8×23×102.5×33.5	1.8	23	102.5	33.5	277.24	56.05	0.28	7.24	Stainless
ESS 1.8×23×105×35.5	1.8	23	105	35.5	286.84	56.05	0.27	7.24	Stainless
ESS 1.8×23×107.5×36.5	1.8	23	107.5	36.5	296.52	56.05	0.26	7.24	Stainless
ESS 1.8×23×110×38.5	1.8	23	110	38.5	306.16	56.05	0.25	7.24	Stainless
ESS 1.8×23×112.5×39.5	1.8	23	112.5	39.5	315.77	56.05	0.24	7.24	Stainless
ESM 1.9×23×65×12.5	1.9	23	65	12.5	123.68	75.99	1.14	9.18	Carbon
ESM 1.9×23×67.5×13.5	1.9	23	67.5	13.5	132.31	75.99	1.03	9.18	Carbon
ESM 1.9×23×70×15.5	1.9	23	70	15.5	140.94	75.99	0.94	9.18	Carbon
ESM 1.9×23×72.5×16.5	1.9	23	72.5	16.5	149.57	75.99	0.87	9.18	Carbon
ESM 1.9×23×75×17.5	1.9	23	75	17.5	158.19	75.99	0.8	9.18	Carbon
ESM 1.9×23×77.5×19.5	1.9	23	77.5	19.5	166.82	75.99	0.75	9.18	Carbon
ESM 1.9×23×80×20.5	1.9	23	80	20.5	175.44	75.99	0.7	9.18	Carbon
ESM 1.9×23×82.5×21.5	1.9	23	82.5	21.5	184.08	75.99	0.66	9.18	Carbon
ESM 1.9×23×85×23.5	1.9	23	85	23.5	192.7	75.99	0.62	9.18	Carbon
ESM 1.9×23×87.5×24.5	1.9	23	87.5	24.5	201.33	75.99	0.59	9.18	Carbon
ESM 1.9×23×90×25.5	1.9	23	90	25.5	209.97	75.99	0.56	9.18	Carbon
ESM 1.9×23×92.5×27.5	1.9	23	92.5	27.5	218.58	75.99	0.53	9.18	Carbon
ESM 1.9×23×95×28.5	1.9	23	95	28.5	227.22	75.99	0.51	9.18	Carbon
ESM 1.9×23×97.5×29.5	1.9	23	97.5	29.5	235.85	75.99	0.48	9.18	Carbon
ESM 1.9×23×100×31.5	1.9	23	100	31.5	244.48	75.99	0.46	9.18	Carbon
ESM 1.9×23×102.5×32.5	1.9	23	102.5	32.5	253.11	75.99	0.44	9.18	Carbon
ESM 1.9×23×105×33.5	1.9	23	105	33.5	261.72	75.99	0.43	9.18	Carbon
ESM 1.9×23×107.5×34.5	1.9	23	107.5	34.5	270.37	75.99	0.41	9.18	Carbon
ESM 1.9×23×110×36.5	1.9	23	110	36.5	278.97	75.99	0.4	9.18	Carbon
ESM 1.9×23×112.5×37.5	1.9	23	112.5	37.5	287.62	75.99	0.38	9.18	Carbon
ESS 1.9×23×65×12.5	1.9	23	65	12.5	124.57	65.7	0.95	9.18	Stainless
ESS 1.9×23×67.5×13.5	1.9	23	67.5	13.5	133.29	65.7	0.86	9.18	Stainless
ESS 1.9×23×70×15.5	1.9	23	70	15.5	142.02	65.7	0.78	9.18	Stainless
ESS 1.9×23×72.5×16.5	1.9	23	72.5	16.5	150.74	65.7	0.72	9.18	Stainless
ESS 1.9×23×75×17.5	1.9	23	75	17.5	159.46	65.7	0.67	9.18	Stainless
ESS 1.9×23×77.5×19.5	1.9	23	77.5	19.5	168.18	65.7	0.62	9.18	Stainless

M: Carbon Steel;
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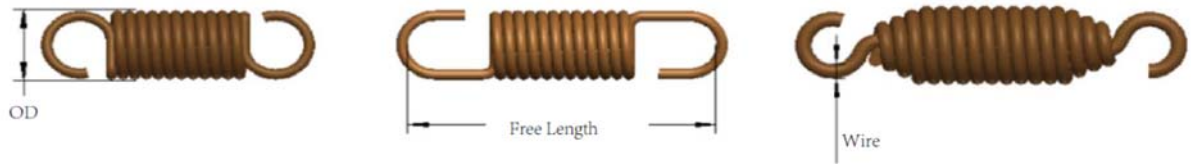
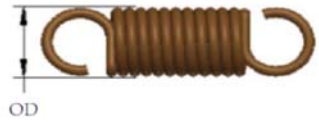
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×23×80×20.5	1.9	23	80	20.5	176.89	65.7	0.58	9.18	Stainless
ESS 1.9×23×82.5×21.5	1.9	23	82.5	21.5	185.62	65.7	0.55	9.18	Stainless
ESS 1.9×23×85×23.5	1.9	23	85	23.5	194.34	65.7	0.52	9.18	Stainless
ESS 1.9×23×87.5×24.5	1.9	23	87.5	24.5	203.06	65.7	0.49	9.18	Stainless
ESS 1.9×23×90×25.5	1.9	23	90	25.5	211.78	65.7	0.46	9.18	Stainless
ESS 1.9×23×92.5×27.5	1.9	23	92.5	27.5	220.49	65.7	0.44	9.18	Stainless
ESS 1.9×23×95×28.5	1.9	23	95	28.5	229.22	65.7	0.42	9.18	Stainless
ESS 1.9×23×97.5×29.5	1.9	23	97.5	29.5	237.95	65.7	0.4	9.18	Stainless
ESS 1.9×23×100×31.5	1.9	23	100	31.5	246.65	65.7	0.39	9.18	Stainless
ESS 1.9×23×102.5×32.5	1.9	23	102.5	32.5	255.38	65.7	0.37	9.18	Stainless
ESS 1.9×23×105×33.5	1.9	23	105	33.5	264.12	65.7	0.36	9.18	Stainless
ESS 1.9×23×107.5×34.5	1.9	23	107.5	34.5	272.81	65.7	0.34	9.18	Stainless
ESS 1.9×23×110×36.5	1.9	23	110	36.5	281.53	65.7	0.33	9.18	Stainless
ESS 1.9×23×112.5×37.5	1.9	23	112.5	37.5	290.29	65.7	0.32	9.18	Stainless
ESM 2×23×65×12.5	2	23	65	12.5	117.13	88.43	1.48	11.47	Carbon
ESM 2×23×67.5×13.5	2	23	67.5	13.5	125.02	88.43	1.34	11.47	Carbon
ESM 2×23×70×14.5	2	23	70	14.5	132.9	88.43	1.22	11.47	Carbon
ESM 2×23×72.5×15.5	2	23	72.5	15.5	140.79	88.43	1.13	11.47	Carbon
ESM 2×23×75×17.5	2	23	75	17.5	148.68	88.43	1.04	11.47	Carbon
ESM 2×23×77.5×18.5	2	23	77.5	18.5	156.56	88.43	0.97	11.47	Carbon
ESM 2×23×80×19.5	2	23	80	19.5	164.44	88.43	0.91	11.47	Carbon
ESM 2×23×82.5×20.5	2	23	82.5	20.5	172.33	88.43	0.86	11.47	Carbon
ESM 2×23×85×22.5	2	23	85	22.5	180.21	88.43	0.81	11.47	Carbon
ESM 2×23×87.5×23.5	2	23	87.5	23.5	188.1	88.43	0.77	11.47	Carbon
ESM 2×23×90×24.5	2	23	90	24.5	195.99	88.43	0.73	11.47	Carbon
ESM 2×23×92.5×25.5	2	23	92.5	25.5	203.87	88.43	0.69	11.47	Carbon
ESM 2×23×95×27.5	2	23	95	27.5	211.76	88.43	0.66	11.47	Carbon
ESM 2×23×97.5×28.5	2	23	97.5	28.5	219.64	88.43	0.63	11.47	Carbon
ESM 2×23×100×29.5	2	23	100	29.5	227.52	88.43	0.6	11.47	Carbon
ESM 2×23×102.5×30.5	2	23	102.5	30.5	235.41	88.43	0.58	11.47	Carbon
ESM 2×23×105×32.5	2	23	105	32.5	243.31	88.43	0.56	11.47	Carbon
ESM 2×23×107.5×33.5	2	23	107.5	33.5	251.18	88.43	0.54	11.47	Carbon
ESM 2×23×110×34.5	2	23	110	34.5	259.08	88.43	0.52	11.47	Carbon
ESM 2×23×112.5×35.5	2	23	112.5	35.5	266.96	88.43	0.5	11.47	Carbon
ESS 2×23×65×12.5	2	23	65	12.5	117.76	76.38	1.23	11.47	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

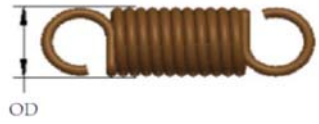






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×23×67.5×13.5	2	23	67.5	13.5	125.71	76.38	1.12	11.47	Stainless
ESS 2×23×70×14.5	2	23	70	14.5	133.66	76.38	1.02	11.47	Stainless
ESS 2×23×72.5×15.5	2	23	72.5	15.5	141.61	76.38	0.94	11.47	Stainless
ESS 2×23×75×17.5	2	23	75	17.5	149.56	76.38	0.87	11.47	Stainless
ESS 2×23×77.5×18.5	2	23	77.5	18.5	157.51	76.38	0.81	11.47	Stainless
ESS 2×23×80×19.5	2	23	80	19.5	165.45	76.38	0.76	11.47	Stainless
ESS 2×23×82.5×20.5	2	23	82.5	20.5	173.41	76.38	0.71	11.47	Stainless
ESS 2×23×85×22.5	2	23	85	22.5	181.36	76.38	0.67	11.47	Stainless
ESS 2×23×87.5×23.5	2	23	87.5	23.5	189.3	76.38	0.64	11.47	Stainless
ESS 2×23×90×24.5	2	23	90	24.5	197.25	76.38	0.61	11.47	Stainless
ESS 2×23×92.5×25.5	2	23	92.5	25.5	205.21	76.38	0.58	11.47	Stainless
ESS 2×23×95×27.5	2	23	95	27.5	213.15	76.38	0.55	11.47	Stainless
ESS 2×23×97.5×28.5	2	23	97.5	28.5	221.12	76.38	0.53	11.47	Stainless
ESS 2×23×100×29.5	2	23	100	29.5	229.05	76.38	0.5	11.47	Stainless
ESS 2×23×102.5×30.5	2	23	102.5	30.5	237	76.38	0.48	11.47	Stainless
ESS 2×23×105×32.5	2	23	105	32.5	244.95	76.38	0.46	11.47	Stainless
ESS 2×23×107.5×33.5	2	23	107.5	33.5	252.91	76.38	0.45	11.47	Stainless
ESS 2×23×110×34.5	2	23	110	34.5	260.85	76.38	0.43	11.47	Stainless
ESS 2×23×112.5×35.5	2	23	112.5	35.5	268.8	76.38	0.42	11.47	Stainless
ESM 2.1×23×65×11.5	2.1	23	65	11.5	111.54	102.14	1.89	14.13	Carbon
ESM 2.1×23×67.5×12.5	2.1	23	67.5	12.5	118.8	102.14	1.72	14.13	Carbon
ESM 2.1×23×70×14.5	2.1	23	70	14.5	126.06	102.14	1.57	14.13	Carbon
ESM 2.1×23×72.5×15.5	2.1	23	72.5	15.5	133.31	102.14	1.45	14.13	Carbon
ESM 2.1×23×75×16.5	2.1	23	75	16.5	140.57	102.14	1.34	14.13	Carbon
ESM 2.1×23×77.5×17.5	2.1	23	77.5	17.5	147.83	102.14	1.25	14.13	Carbon
ESM 2.1×23×80×18.5	2.1	23	80	18.5	155.08	102.14	1.17	14.13	Carbon
ESM 2.1×23×82.5×19.5	2.1	23	82.5	19.5	162.34	102.14	1.1	14.13	Carbon
ESM 2.1×23×85×21.5	2.1	23	85	21.5	169.59	102.14	1.04	14.13	Carbon
ESM 2.1×23×87.5×22.5	2.1	23	87.5	22.5	176.85	102.14	0.99	14.13	Carbon
ESM 2.1×23×90×23.5	2.1	23	90	23.5	184.11	102.14	0.94	14.13	Carbon
ESM 2.1×23×92.5×24.5	2.1	23	92.5	24.5	191.37	102.14	0.89	14.13	Carbon
ESM 2.1×23×95×25.5	2.1	23	95	25.5	198.63	102.14	0.85	14.13	Carbon
ESM 2.1×23×97.5×27.5	2.1	23	97.5	27.5	205.89	102.14	0.81	14.13	Carbon
ESM 2.1×23×100×28.5	2.1	23	100	28.5	213.14	102.14	0.78	14.13	Carbon
ESM 2.1×23×102.5×29.5	2.1	23	102.5	29.5	220.39	102.14	0.75	14.13	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

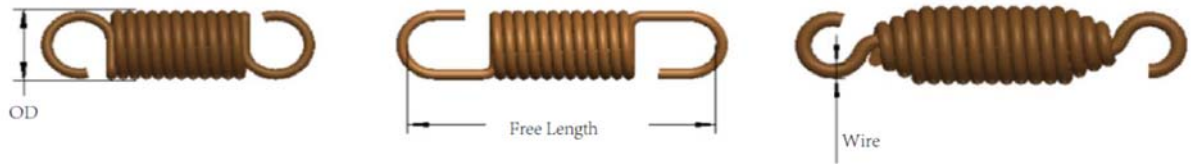






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×23×105×30.5	2.1	23	105	30.5	227.66	102.14	0.72	14.13	Carbon
ESM 2.1×23×107.5×31.5	2.1	23	107.5	31.5	234.9	102.14	0.69	14.13	Carbon
ESM 2.1×23×110×33.5	2.1	23	110	33.5	242.16	102.14	0.67	14.13	Carbon
ESM 2.1×23×112.5×34.5	2.1	23	112.5	34.5	249.41	102.14	0.64	14.13	Carbon
ESS 2.1×23×65×11.5	2.1	23	65	11.5	111.95	88.12	1.58	14.13	Stainless
ESS 2.1×23×67.5×12.5	2.1	23	67.5	12.5	119.25	88.12	1.43	14.13	Stainless
ESS 2.1×23×70×14.5	2.1	23	70	14.5	126.55	88.12	1.31	14.13	Stainless
ESS 2.1×23×72.5×15.5	2.1	23	72.5	15.5	133.84	88.12	1.21	14.13	Stainless
ESS 2.1×23×75×16.5	2.1	23	75	16.5	141.14	88.12	1.12	14.13	Stainless
ESS 2.1×23×77.5×17.5	2.1	23	77.5	17.5	148.44	88.12	1.04	14.13	Stainless
ESS 2.1×23×80×18.5	2.1	23	80	18.5	155.74	88.12	0.98	14.13	Stainless
ESS 2.1×23×82.5×19.5	2.1	23	82.5	19.5	163.04	88.12	0.92	14.13	Stainless
ESS 2.1×23×85×21.5	2.1	23	85	21.5	170.33	88.12	0.87	14.13	Stainless
ESS 2.1×23×87.5×22.5	2.1	23	87.5	22.5	177.64	88.12	0.82	14.13	Stainless
ESS 2.1×23×90×23.5	2.1	23	90	23.5	184.94	88.12	0.78	14.13	Stainless
ESS 2.1×23×92.5×24.5	2.1	23	92.5	24.5	192.23	88.12	0.74	14.13	Stainless
ESS 2.1×23×95×25.5	2.1	23	95	25.5	199.52	88.12	0.71	14.13	Stainless
ESS 2.1×23×97.5×27.5	2.1	23	97.5	27.5	206.83	88.12	0.68	14.13	Stainless
ESS 2.1×23×100×28.5	2.1	23	100	28.5	214.13	88.12	0.65	14.13	Stainless
ESS 2.1×23×102.5×29.5	2.1	23	102.5	29.5	221.42	88.12	0.62	14.13	Stainless
ESS 2.1×23×105×30.5	2.1	23	105	30.5	228.73	88.12	0.6	14.13	Stainless
ESS 2.1×23×107.5×31.5	2.1	23	107.5	31.5	236.03	88.12	0.58	14.13	Stainless
ESS 2.1×23×110×33.5	2.1	23	110	33.5	243.32	88.12	0.56	14.13	Stainless
ESS 2.1×23×112.5×34.5	2.1	23	112.5	34.5	250.62	88.12	0.54	14.13	Stainless
ESM 2.2×23×65×11.5	2.2	23	65	11.5	106.56	116.76	2.4	17.19	Carbon
ESM 2.2×23×67.5×12.5	2.2	23	67.5	12.5	113.27	116.76	2.18	17.19	Carbon
ESM 2.2×23×70×13.5	2.2	23	70	13.5	119.97	116.76	1.99	17.19	Carbon
ESM 2.2×23×72.5×14.5	2.2	23	72.5	14.5	126.67	116.76	1.84	17.19	Carbon
ESM 2.2×23×75×15.5	2.2	23	75	15.5	133.38	116.76	1.71	17.19	Carbon
ESM 2.2×23×77.5×16.5	2.2	23	77.5	16.5	140.08	116.76	1.59	17.19	Carbon
ESM 2.2×23×80×18.5	2.2	23	80	18.5	146.78	116.76	1.49	17.19	Carbon
ESM 2.2×23×82.5×19.5	2.2	23	82.5	19.5	153.49	116.76	1.4	17.19	Carbon
ESM 2.2×23×85×20.5	2.2	23	85	20.5	160.19	116.76	1.32	17.19	Carbon
ESM 2.2×23×87.5×21.5	2.2	23	87.5	21.5	166.89	116.76	1.25	17.19	Carbon
ESM 2.2×23×90×22.5	2.2	23	90	22.5	173.59	116.76	1.19	17.19	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×23×92.5×23.5	2.2	23	92.5	23.5	180.3	116.76	1.13	17.19	Carbon
ESM 2.2×23×95×24.5	2.2	23	95	24.5	187	116.76	1.08	17.19	Carbon
ESM 2.2×23×97.5×26.5	2.2	23	97.5	26.5	193.71	116.76	1.03	17.19	Carbon
ESM 2.2×23×100×27.5	2.2	23	100	27.5	200.41	116.76	0.99	17.19	Carbon
ESM 2.2×23×102.5×28.5	2.2	23	102.5	28.5	207.11	116.76	0.95	17.19	Carbon
ESM 2.2×23×105×29.5	2.2	23	105	29.5	213.82	116.76	0.92	17.19	Carbon
ESM 2.2×23×107.5×30.5	2.2	23	107.5	30.5	220.52	116.76	0.88	17.19	Carbon
ESM 2.2×23×110×31.5	2.2	23	110	31.5	227.22	116.76	0.85	17.19	Carbon
ESM 2.2×23×112.5×32.5	2.2	23	112.5	32.5	233.92	116.76	0.82	17.19	Carbon
ESS 2.2×23×65×11.5	2.2	23	65	11.5	106.96	100.97	2	17.19	Stainless
ESS 2.2×23×67.5×12.5	2.2	23	67.5	12.5	113.71	100.97	1.81	17.19	Stainless
ESS 2.2×23×70×13.5	2.2	23	70	13.5	120.45	100.97	1.66	17.19	Stainless
ESS 2.2×23×72.5×14.5	2.2	23	72.5	14.5	127.2	100.97	1.53	17.19	Stainless
ESS 2.2×23×75×15.5	2.2	23	75	15.5	133.94	100.97	1.42	17.19	Stainless
ESS 2.2×23×77.5×16.5	2.2	23	77.5	16.5	140.68	100.97	1.33	17.19	Stainless
ESS 2.2×23×80×18.5	2.2	23	80	18.5	147.43	100.97	1.24	17.19	Stainless
ESS 2.2×23×82.5×19.5	2.2	23	82.5	19.5	154.17	100.97	1.17	17.19	Stainless
ESS 2.2×23×85×20.5	2.2	23	85	20.5	160.92	100.97	1.1	17.19	Stainless
ESS 2.2×23×87.5×21.5	2.2	23	87.5	21.5	167.66	100.97	1.05	17.19	Stainless
ESS 2.2×23×90×22.5	2.2	23	90	22.5	174.4	100.97	0.99	17.19	Stainless
ESS 2.2×23×92.5×23.5	2.2	23	92.5	23.5	181.15	100.97	0.95	17.19	Stainless
ESS 2.2×23×95×24.5	2.2	23	95	24.5	187.89	100.97	0.9	17.19	Stainless
ESS 2.2×23×97.5×26.5	2.2	23	97.5	26.5	194.63	100.97	0.86	17.19	Stainless
ESS 2.2×23×100×27.5	2.2	23	100	27.5	201.38	100.97	0.83	17.19	Stainless
ESS 2.2×23×102.5×28.5	2.2	23	102.5	28.5	208.12	100.97	0.79	17.19	Stainless
ESS 2.2×23×105×29.5	2.2	23	105	29.5	214.87	100.97	0.76	17.19	Stainless
ESS 2.2×23×107.5×30.5	2.2	23	107.5	30.5	221.61	100.97	0.73	17.19	Stainless
ESS 2.2×23×110×31.5	2.2	23	110	31.5	228.36	100.97	0.71	17.19	Stainless
ESS 2.2×23×112.5×32.5	2.2	23	112.5	32.5	235.11	100.97	0.68	17.19	Stainless
ESM 2.3×23×65×10.5	2.3	23	65	10.5	102.42	133.11	3	20.71	Carbon
ESM 2.3×23×67.5×11.5	2.3	23	67.5	11.5	108.66	133.11	2.73	20.71	Carbon
ESM 2.3×23×70×13.5	2.3	23	70	13.5	114.91	133.11	2.5	20.71	Carbon
ESM 2.3×23×72.5×14.5	2.3	23	72.5	14.5	121.15	133.11	2.31	20.71	Carbon
ESM 2.3×23×75×15.5	2.3	23	75	15.5	127.4	133.11	2.15	20.71	Carbon
ESM 2.3×23×77.5×16.5	2.3	23	77.5	16.5	133.64	133.11	2	20.71	Carbon

M: Carbon Steel;
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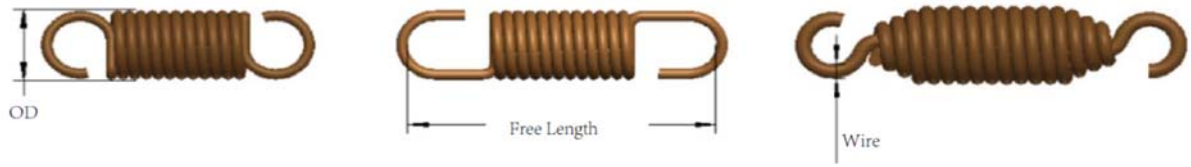
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×23×80×17.5	2.3	23	80	17.5	139.89	133.11	1.88	20.71	Carbon
ESM 2.3×23×82.5×18.5	2.3	23	82.5	18.5	146.13	133.11	1.77	20.71	Carbon
ESM 2.3×23×85×19.5	2.3	23	85	19.5	152.38	133.11	1.67	20.71	Carbon
ESM 2.3×23×87.5×20.5	2.3	23	87.5	20.5	158.62	133.11	1.58	20.71	Carbon
ESM 2.3×23×90×21.5	2.3	23	90	21.5	164.87	133.11	1.5	20.71	Carbon
ESM 2.3×23×92.5×22.5	2.3	23	92.5	22.5	171.11	133.11	1.43	20.71	Carbon
ESM 2.3×23×95×23.5	2.3	23	95	23.5	177.36	133.11	1.36	20.71	Carbon
ESM 2.3×23×97.5×24.5	2.3	23	97.5	24.5	183.6	133.11	1.31	20.71	Carbon
ESM 2.3×23×100×26.5	2.3	23	100	26.5	189.85	133.11	1.25	20.71	Carbon
ESM 2.3×23×102.5×27.5	2.3	23	102.5	27.5	196.09	133.11	1.2	20.71	Carbon
ESM 2.3×23×105×28.5	2.3	23	105	28.5	202.33	133.11	1.15	20.71	Carbon
ESM 2.3×23×107.5×29.5	2.3	23	107.5	29.5	208.58	133.11	1.11	20.71	Carbon
ESM 2.3×23×110×30.5	2.3	23	110	30.5	214.82	133.11	1.07	20.71	Carbon
ESM 2.3×23×112.5×31.5	2.3	23	112.5	31.5	221.07	133.11	1.04	20.71	Carbon
ESS 2.3×23×65×10.5	2.3	23	65	10.5	102.66	114.98	2.5	20.71	Stainless
ESS 2.3×23×67.5×11.5	2.3	23	67.5	11.5	108.93	114.98	2.28	20.71	Stainless
ESS 2.3×23×70×13.5	2.3	23	70	13.5	115.2	114.98	2.09	20.71	Stainless
ESS 2.3×23×72.5×14.5	2.3	23	72.5	14.5	121.47	114.98	1.93	20.71	Stainless
ESS 2.3×23×75×15.5	2.3	23	75	15.5	127.74	114.98	1.79	20.71	Stainless
ESS 2.3×23×77.5×16.5	2.3	23	77.5	16.5	134	114.98	1.67	20.71	Stainless
ESS 2.3×23×80×17.5	2.3	23	80	17.5	140.28	114.98	1.56	20.71	Stainless
ESS 2.3×23×82.5×18.5	2.3	23	82.5	18.5	146.54	114.98	1.47	20.71	Stainless
ESS 2.3×23×85×19.5	2.3	23	85	19.5	152.81	114.98	1.39	20.71	Stainless
ESS 2.3×23×87.5×20.5	2.3	23	87.5	20.5	159.08	114.98	1.32	20.71	Stainless
ESS 2.3×23×90×21.5	2.3	23	90	21.5	165.35	114.98	1.25	20.71	Stainless
ESS 2.3×23×92.5×22.5	2.3	23	92.5	22.5	171.62	114.98	1.19	20.71	Stainless
ESS 2.3×23×95×23.5	2.3	23	95	23.5	177.89	114.98	1.14	20.71	Stainless
ESS 2.3×23×97.5×24.5	2.3	23	97.5	24.5	184.15	114.98	1.09	20.71	Stainless
ESS 2.3×23×100×26.5	2.3	23	100	26.5	190.43	114.98	1.04	20.71	Stainless
ESS 2.3×23×102.5×27.5	2.3	23	102.5	27.5	196.7	114.98	1	20.71	Stainless
ESS 2.3×23×105×28.5	2.3	23	105	28.5	202.96	114.98	0.96	20.71	Stainless
ESS 2.3×23×107.5×29.5	2.3	23	107.5	29.5	209.24	114.98	0.93	20.71	Stainless
ESS 2.3×23×110×30.5	2.3	23	110	30.5	215.51	114.98	0.89	20.71	Stainless
ESS 2.3×23×112.5×31.5	2.3	23	112.5	31.5	221.77	114.98	0.86	20.71	Stainless
ESM 2.4×23×65×10.5	2.4	23	65	10.5	98.81	150.88	3.73	24.7	Carbon

M: Carbon Steel;
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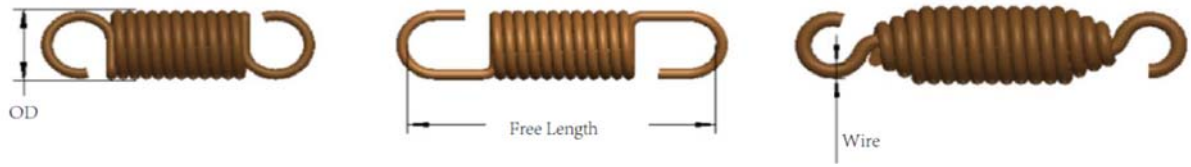
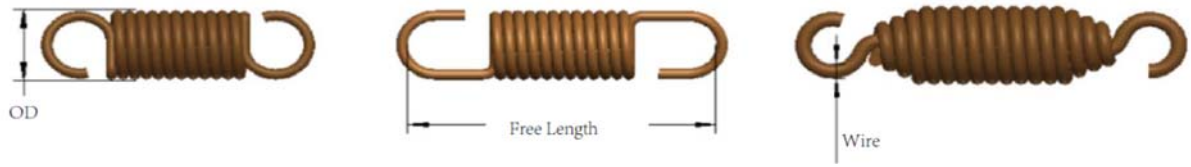
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×23×67.5×11.5	2.4	23	67.5	11.5	104.66	150.88	3.4	24.7	Carbon
ESM 2.4×23×70×12.5	2.4	23	70	12.5	110.51	150.88	3.11	24.7	Carbon
ESM 2.4×23×72.5×13.5	2.4	23	72.5	13.5	116.36	150.88	2.88	24.7	Carbon
ESM 2.4×23×75×14.5	2.4	23	75	14.5	122.21	150.88	2.67	24.7	Carbon
ESM 2.4×23×77.5×15.5	2.4	23	77.5	15.5	128.06	150.88	2.5	24.7	Carbon
ESM 2.4×23×80×16.5	2.4	23	80	16.5	133.91	150.88	2.34	24.7	Carbon
ESM 2.4×23×82.5×17.5	2.4	23	82.5	17.5	139.76	150.88	2.2	24.7	Carbon
ESM 2.4×23×85×18.5	2.4	23	85	18.5	145.61	150.88	2.08	24.7	Carbon
ESM 2.4×23×87.5×19.5	2.4	23	87.5	19.5	151.46	150.88	1.97	24.7	Carbon
ESM 2.4×23×90×20.5	2.4	23	90	20.5	157.3	150.88	1.87	24.7	Carbon
ESM 2.4×23×92.5×21.5	2.4	23	92.5	21.5	163.15	150.88	1.79	24.7	Carbon
ESM 2.4×23×95×23.5	2.4	23	95	23.5	169	150.88	1.71	24.7	Carbon
ESM 2.4×23×97.5×24.5	2.4	23	97.5	24.5	174.85	150.88	1.63	24.7	Carbon
ESM 2.4×23×100×25.5	2.4	23	100	25.5	180.7	150.88	1.56	24.7	Carbon
ESM 2.4×23×102.5×26.5	2.4	23	102.5	26.5	186.55	150.88	1.5	24.7	Carbon
ESM 2.4×23×105×27.5	2.4	23	105	27.5	192.4	150.88	1.44	24.7	Carbon
ESM 2.4×23×107.5×28.5	2.4	23	107.5	28.5	198.25	150.88	1.39	24.7	Carbon
ESM 2.4×23×110×29.5	2.4	23	110	29.5	204.09	150.88	1.34	24.7	Carbon
ESM 2.4×23×112.5×30.5	2.4	23	112.5	30.5	209.94	150.88	1.29	24.7	Carbon
ESS 2.4×23×65×10.5	2.4	23	65	10.5	98.92	130.18	3.11	24.7	Stainless
ESS 2.4×23×67.5×11.5	2.4	23	67.5	11.5	104.78	130.18	2.83	24.7	Stainless
ESS 2.4×23×70×12.5	2.4	23	70	12.5	110.64	130.18	2.6	24.7	Stainless
ESS 2.4×23×72.5×13.5	2.4	23	72.5	13.5	116.5	130.18	2.4	24.7	Stainless
ESS 2.4×23×75×14.5	2.4	23	75	14.5	122.36	130.18	2.23	24.7	Stainless
ESS 2.4×23×77.5×15.5	2.4	23	77.5	15.5	128.22	130.18	2.08	24.7	Stainless
ESS 2.4×23×80×16.5	2.4	23	80	16.5	134.08	130.18	1.95	24.7	Stainless
ESS 2.4×23×82.5×17.5	2.4	23	82.5	17.5	139.94	130.18	1.84	24.7	Stainless
ESS 2.4×23×85×18.5	2.4	23	85	18.5	145.8	130.18	1.74	24.7	Stainless
ESS 2.4×23×87.5×19.5	2.4	23	87.5	19.5	151.66	130.18	1.64	24.7	Stainless
ESS 2.4×23×90×20.5	2.4	23	90	20.5	157.52	130.18	1.56	24.7	Stainless
ESS 2.4×23×92.5×21.5	2.4	23	92.5	21.5	163.37	130.18	1.49	24.7	Stainless
ESS 2.4×23×95×23.5	2.4	23	95	23.5	169.24	130.18	1.42	24.7	Stainless
ESS 2.4×23×97.5×24.5	2.4	23	97.5	24.5	175.1	130.18	1.36	24.7	Stainless
ESS 2.4×23×100×25.5	2.4	23	100	25.5	180.95	130.18	1.3	24.7	Stainless
ESS 2.4×23×102.5×26.5	2.4	23	102.5	26.5	186.82	130.18	1.25	24.7	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×23×105×27.5	2.4	23	105	27.5	192.68	130.18	1.2	24.7	Stainless
ESS 2.4×23×107.5×28.5	2.4	23	107.5	28.5	198.54	130.18	1.16	24.7	Stainless
ESS 2.4×23×110×29.5	2.4	23	110	29.5	204.39	130.18	1.12	24.7	Stainless
ESS 2.4×23×112.5×30.5	2.4	23	112.5	30.5	210.25	130.18	1.08	24.7	Stainless
ESM 2.5×23×65×10.5	2.5	23	65	10.5	95.66	170.13	4.6	29.21	Carbon
ESM 2.5×23×67.5×11.5	2.5	23	67.5	11.5	101.16	170.13	4.19	29.21	Carbon
ESM 2.5×23×70×12.5	2.5	23	70	12.5	106.67	170.13	3.84	29.21	Carbon
ESM 2.5×23×72.5×13.5	2.5	23	72.5	13.5	112.18	170.13	3.55	29.21	Carbon
ESM 2.5×23×75×14.5	2.5	23	75	14.5	117.68	170.13	3.3	29.21	Carbon
ESM 2.5×23×77.5×15.5	2.5	23	77.5	15.5	123.19	170.13	3.08	29.21	Carbon
ESM 2.5×23×80×16.5	2.5	23	80	16.5	128.69	170.13	2.89	29.21	Carbon
ESM 2.5×23×82.5×17.5	2.5	23	82.5	17.5	134.2	170.13	2.73	29.21	Carbon
ESM 2.5×23×85×18.5	2.5	23	85	18.5	139.71	170.13	2.58	29.21	Carbon
ESM 2.5×23×87.5×19.5	2.5	23	87.5	19.5	145.21	170.13	2.44	29.21	Carbon
ESM 2.5×23×90×20.5	2.5	23	90	20.5	150.72	170.13	2.32	29.21	Carbon
ESM 2.5×23×92.5×21.5	2.5	23	92.5	21.5	156.22	170.13	2.21	29.21	Carbon
ESM 2.5×23×95×22.5	2.5	23	95	22.5	161.73	170.13	2.11	29.21	Carbon
ESM 2.5×23×97.5×23.5	2.5	23	97.5	23.5	167.23	170.13	2.02	29.21	Carbon
ESM 2.5×23×100×24.5	2.5	23	100	24.5	172.74	170.13	1.94	29.21	Carbon
ESM 2.5×23×102.5×25.5	2.5	23	102.5	25.5	178.24	170.13	1.86	29.21	Carbon
ESM 2.5×23×105×26.5	2.5	23	105	26.5	183.75	170.13	1.79	29.21	Carbon
ESM 2.5×23×107.5×27.5	2.5	23	107.5	27.5	189.26	170.13	1.72	29.21	Carbon
ESM 2.5×23×110×28.5	2.5	23	110	28.5	194.76	170.13	1.66	29.21	Carbon
ESM 2.5×23×112.5×29.5	2.5	23	112.5	29.5	200.27	170.13	1.61	29.21	Carbon
ESS 2.5×23×65×10.5	2.5	23	65	10.5	95.65	146.62	3.83	29.21	Stainless
ESS 2.5×23×67.5×11.5	2.5	23	67.5	11.5	101.16	146.62	3.49	29.21	Stainless
ESS 2.5×23×70×12.5	2.5	23	70	12.5	106.66	146.62	3.2	29.21	Stainless
ESS 2.5×23×72.5×13.5	2.5	23	72.5	13.5	112.17	146.62	2.96	29.21	Stainless
ESS 2.5×23×75×14.5	2.5	23	75	14.5	117.67	146.62	2.75	29.21	Stainless
ESS 2.5×23×77.5×15.5	2.5	23	77.5	15.5	123.18	146.62	2.57	29.21	Stainless
ESS 2.5×23×80×16.5	2.5	23	80	16.5	128.68	146.62	2.41	29.21	Stainless
ESS 2.5×23×82.5×17.5	2.5	23	82.5	17.5	134.19	146.62	2.27	29.21	Stainless
ESS 2.5×23×85×18.5	2.5	23	85	18.5	139.69	146.62	2.15	29.21	Stainless
ESS 2.5×23×87.5×19.5	2.5	23	87.5	19.5	145.2	146.62	2.04	29.21	Stainless
ESS 2.5×23×90×20.5	2.5	23	90	20.5	150.71	146.62	1.93	29.21	Stainless

M: Carbon Steel;
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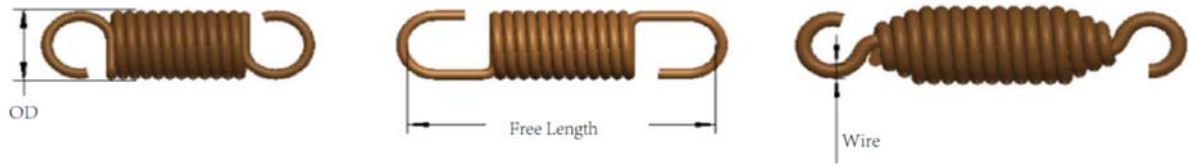
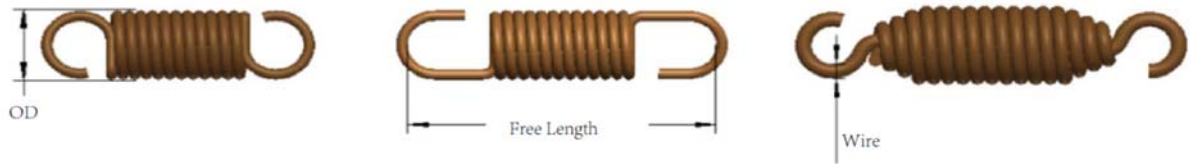
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×23×92.5×21.5	2.5	23	92.5	21.5	156.21	146.62	1.84	29.21	Stainless
ESS 2.5×23×95×22.5	2.5	23	95	22.5	161.71	146.62	1.76	29.21	Stainless
ESS 2.5×23×97.5×23.5	2.5	23	97.5	23.5	167.22	146.62	1.68	29.21	Stainless
ESS 2.5×23×100×24.5	2.5	23	100	24.5	172.73	146.62	1.61	29.21	Stainless
ESS 2.5×23×102.5×25.5	2.5	23	102.5	25.5	178.23	146.62	1.55	29.21	Stainless
ESS 2.5×23×105×26.5	2.5	23	105	26.5	183.73	146.62	1.49	29.21	Stainless
ESS 2.5×23×107.5×27.5	2.5	23	107.5	27.5	189.24	146.62	1.44	29.21	Stainless
ESS 2.5×23×110×28.5	2.5	23	110	28.5	194.75	146.62	1.39	29.21	Stainless
ESS 2.5×23×112.5×29.5	2.5	23	112.5	29.5	200.25	146.62	1.34	29.21	Stainless
ESM 2.6×23×67.5×10.5	2.6	23	67.5	10.5	99.28	190.21	4.91	34.26	Carbon
ESM 2.6×23×70×11.5	2.6	23	70	11.5	104.59	190.21	4.51	34.26	Carbon
ESM 2.6×23×72.5×12.5	2.6	23	72.5	12.5	109.9	190.21	4.17	34.26	Carbon
ESM 2.6×23×75×13.5	2.6	23	75	13.5	115.21	190.21	3.88	34.26	Carbon
ESM 2.6×23×77.5×14.5	2.6	23	77.5	14.5	120.52	190.21	3.62	34.26	Carbon
ESM 2.6×23×80×15.5	2.6	23	80	15.5	125.83	190.21	3.4	34.26	Carbon
ESM 2.6×23×82.5×16.5	2.6	23	82.5	16.5	131.15	190.21	3.21	34.26	Carbon
ESM 2.6×23×85×17.5	2.6	23	85	17.5	136.46	190.21	3.03	34.26	Carbon
ESM 2.6×23×87.5×18.5	2.6	23	87.5	18.5	141.77	190.21	2.87	34.26	Carbon
ESM 2.6×23×90×19.5	2.6	23	90	19.5	147.08	190.21	2.73	34.26	Carbon
ESM 2.6×23×92.5×20.5	2.6	23	92.5	20.5	152.39	190.21	2.6	34.26	Carbon
ESM 2.6×23×95×21.5	2.6	23	95	21.5	157.7	190.21	2.49	34.26	Carbon
ESM 2.6×23×97.5×22.5	2.6	23	97.5	22.5	163.01	190.21	2.38	34.26	Carbon
ESM 2.6×23×100×23.5	2.6	23	100	23.5	168.33	190.21	2.28	34.26	Carbon
ESM 2.6×23×102.5×24.5	2.6	23	102.5	24.5	173.64	190.21	2.19	34.26	Carbon
ESM 2.6×23×105×25.5	2.6	23	105	25.5	178.95	190.21	2.11	34.26	Carbon
ESM 2.6×23×107.5×26.5	2.6	23	107.5	26.5	184.26	190.21	2.03	34.26	Carbon
ESM 2.6×23×110×27.5	2.6	23	110	27.5	189.57	190.21	1.96	34.26	Carbon
ESM 2.6×23×112.5×28.5	2.6	23	112.5	28.5	194.88	190.21	1.89	34.26	Carbon
ESM 2.6×23×115×29.5	2.6	23	115	29.5	200.19	190.21	1.83	34.26	Carbon
ESS 2.6×23×67.5×10.5	2.6	23	67.5	10.5	97.98	164.34	4.27	34.26	Stainless
ESS 2.6×23×70×11.5	2.6	23	70	11.5	103.18	164.34	3.92	34.26	Stainless
ESS 2.6×23×72.5×12.5	2.6	23	72.5	12.5	108.37	164.34	3.63	34.26	Stainless
ESS 2.6×23×75×13.5	2.6	23	75	13.5	113.57	164.34	3.37	34.26	Stainless
ESS 2.6×23×77.5×14.5	2.6	23	77.5	14.5	118.77	164.34	3.15	34.26	Stainless
ESS 2.6×23×80×15.5	2.6	23	80	15.5	123.96	164.34	2.96	34.26	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×23×82.5×16.5	2.6	23	82.5	16.5	129.16	164.34	2.79	34.26	Stainless
ESS 2.6×23×85×17.5	2.6	23	85	17.5	134.36	164.34	2.64	34.26	Stainless
ESS 2.6×23×87.5×18.5	2.6	23	87.5	18.5	139.55	164.34	2.5	34.26	Stainless
ESS 2.6×23×90×19.5	2.6	23	90	19.5	144.75	164.34	2.38	34.26	Stainless
ESS 2.6×23×92.5×20.5	2.6	23	92.5	20.5	149.95	164.34	2.26	34.26	Stainless
ESS 2.6×23×95×21.5	2.6	23	95	21.5	155.14	164.34	2.16	34.26	Stainless
ESS 2.6×23×97.5×22.5	2.6	23	97.5	22.5	160.34	164.34	2.07	34.26	Stainless
ESS 2.6×23×100×23.5	2.6	23	100	23.5	165.54	164.34	1.98	34.26	Stainless
ESS 2.6×23×102.5×24.5	2.6	23	102.5	24.5	170.73	164.34	1.91	34.26	Stainless
ESS 2.6×23×105×25.5	2.6	23	105	25.5	175.93	164.34	1.83	34.26	Stainless
ESS 2.6×23×107.5×26.5	2.6	23	107.5	26.5	181.13	164.34	1.77	34.26	Stainless
ESS 2.6×23×110×27.5	2.6	23	110	27.5	186.32	164.34	1.7	34.26	Stainless
ESS 2.6×23×112.5×28.5	2.6	23	112.5	28.5	191.52	164.34	1.65	34.26	Stainless
ESS 2.6×23×115×29.5	2.6	23	115	29.5	196.72	164.34	1.59	34.26	Stainless
ESM 2.7×23×67.5×10.5	2.7	23	67.5	10.5	96.46	212.49	5.96	39.91	Carbon
ESM 2.7×23×70×11.5	2.7	23	70	11.5	101.5	212.49	5.48	39.91	Carbon
ESM 2.7×23×72.5×12.5	2.7	23	72.5	12.5	106.53	212.49	5.07	39.91	Carbon
ESM 2.7×23×75×13.5	2.7	23	75	13.5	111.57	212.49	4.72	39.91	Carbon
ESM 2.7×23×77.5×14.5	2.7	23	77.5	14.5	116.61	212.49	4.41	39.91	Carbon
ESM 2.7×23×80×15.5	2.7	23	80	15.5	121.65	212.49	4.14	39.91	Carbon
ESM 2.7×23×82.5×16.5	2.7	23	82.5	16.5	126.69	212.49	3.91	39.91	Carbon
ESM 2.7×23×85×17.5	2.7	23	85	17.5	131.73	212.49	3.69	39.91	Carbon
ESM 2.7×23×87.5×17.5	2.7	23	87.5	17.5	136.76	212.49	3.5	39.91	Carbon
ESM 2.7×23×90×18.5	2.7	23	90	18.5	141.8	212.49	3.33	39.91	Carbon
ESM 2.7×23×92.5×19.5	2.7	23	92.5	19.5	146.84	212.49	3.18	39.91	Carbon
ESM 2.7×23×95×20.5	2.7	23	95	20.5	151.88	212.49	3.03	39.91	Carbon
ESM 2.7×23×97.5×21.5	2.7	23	97.5	21.5	156.92	212.49	2.9	39.91	Carbon
ESM 2.7×23×100×22.5	2.7	23	100	22.5	161.96	212.49	2.79	39.91	Carbon
ESM 2.7×23×102.5×23.5	2.7	23	102.5	23.5	166.99	212.49	2.68	39.91	Carbon
ESM 2.7×23×105×24.5	2.7	23	105	24.5	172.03	212.49	2.57	39.91	Carbon
ESM 2.7×23×107.5×25.5	2.7	23	107.5	25.5	177.07	212.49	2.48	39.91	Carbon
ESM 2.7×23×110×26.5	2.7	23	110	26.5	182.11	212.49	2.39	39.91	Carbon
ESM 2.7×23×112.5×27.5	2.7	23	112.5	27.5	187.15	212.49	2.31	39.91	Carbon
ESM 2.7×23×115×28.5	2.7	23	115	28.5	192.18	212.49	2.24	39.91	Carbon
ESS 2.7×23×67.5×10.5	2.7	23	67.5	10.5	95.18	183.37	5.18	39.91	Stainless

M: Carbon Steel;
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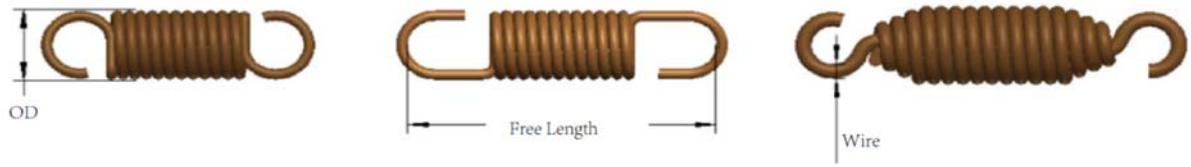
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×23×70×11.5	2.7	23	70	11.5	100.11	183.37	4.76	39.91	Stainless
ESS 2.7×23×72.5×12.5	2.7	23	72.5	12.5	105.04	183.37	4.41	39.91	Stainless
ESS 2.7×23×75×13.5	2.7	23	75	13.5	109.96	183.37	4.1	39.91	Stainless
ESS 2.7×23×77.5×14.5	2.7	23	77.5	14.5	114.89	183.37	3.84	39.91	Stainless
ESS 2.7×23×80×15.5	2.7	23	80	15.5	119.82	183.37	3.6	39.91	Stainless
ESS 2.7×23×82.5×16.5	2.7	23	82.5	16.5	124.74	183.37	3.4	39.91	Stainless
ESS 2.7×23×85×17.5	2.7	23	85	17.5	129.67	183.37	3.21	39.91	Stainless
ESS 2.7×23×87.5×17.5	2.7	23	87.5	17.5	134.6	183.37	3.05	39.91	Stainless
ESS 2.7×23×90×18.5	2.7	23	90	18.5	139.52	183.37	2.9	39.91	Stainless
ESS 2.7×23×92.5×19.5	2.7	23	92.5	19.5	144.45	183.37	2.76	39.91	Stainless
ESS 2.7×23×95×20.5	2.7	23	95	20.5	149.37	183.37	2.64	39.91	Stainless
ESS 2.7×23×97.5×21.5	2.7	23	97.5	21.5	154.3	183.37	2.53	39.91	Stainless
ESS 2.7×23×100×22.5	2.7	23	100	22.5	159.23	183.37	2.42	39.91	Stainless
ESS 2.7×23×102.5×23.5	2.7	23	102.5	23.5	164.16	183.37	2.33	39.91	Stainless
ESS 2.7×23×105×24.5	2.7	23	105	24.5	169.08	183.37	2.24	39.91	Stainless
ESS 2.7×23×107.5×25.5	2.7	23	107.5	25.5	174.01	183.37	2.16	39.91	Stainless
ESS 2.7×23×110×26.5	2.7	23	110	26.5	178.93	183.37	2.08	39.91	Stainless
ESS 2.7×23×112.5×27.5	2.7	23	112.5	27.5	183.86	183.37	2.01	39.91	Stainless
ESS 2.7×23×115×28.5	2.7	23	115	28.5	188.79	183.37	1.94	39.91	Stainless
ESM 2.8×23×67.5×10.5	2.8	23	67.5	10.5	93.96	236.4	7.19	46.18	Carbon
ESM 2.8×23×70×11.5	2.8	23	70	11.5	98.76	236.4	6.62	46.18	Carbon
ESM 2.8×23×72.5×12.5	2.8	23	72.5	12.5	103.55	236.4	6.13	46.18	Carbon
ESM 2.8×23×75×12.5	2.8	23	75	12.5	108.35	236.4	5.7	46.18	Carbon
ESM 2.8×23×77.5×13.5	2.8	23	77.5	13.5	113.15	236.4	5.34	46.18	Carbon
ESM 2.8×23×80×14.5	2.8	23	80	14.5	117.95	236.4	5.01	46.18	Carbon
ESM 2.8×23×82.5×15.5	2.8	23	82.5	15.5	122.75	236.4	4.73	46.18	Carbon
ESM 2.8×23×85×16.5	2.8	23	85	16.5	127.54	236.4	4.47	46.18	Carbon
ESM 2.8×23×87.5×17.5	2.8	23	87.5	17.5	132.34	236.4	4.24	46.18	Carbon
ESM 2.8×23×90×18.5	2.8	23	90	18.5	137.14	236.4	4.04	46.18	Carbon
ESM 2.8×23×92.5×19.5	2.8	23	92.5	19.5	141.94	236.4	3.85	46.18	Carbon
ESM 2.8×23×95×20.5	2.8	23	95	20.5	146.74	236.4	3.68	46.18	Carbon
ESM 2.8×23×97.5×20.5	2.8	23	97.5	20.5	151.54	236.4	3.52	46.18	Carbon
ESM 2.8×23×100×21.5	2.8	23	100	21.5	156.33	236.4	3.38	46.18	Carbon
ESM 2.8×23×102.5×22.5	2.8	23	102.5	22.5	161.13	236.4	3.24	46.18	Carbon
ESM 2.8×23×105×23.5	2.8	23	105	23.5	165.93	236.4	3.12	46.18	Carbon

M: Carbon Steel;
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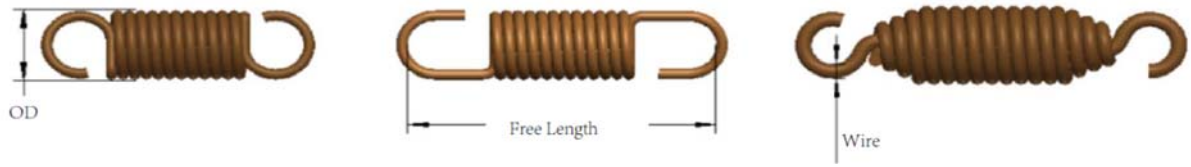
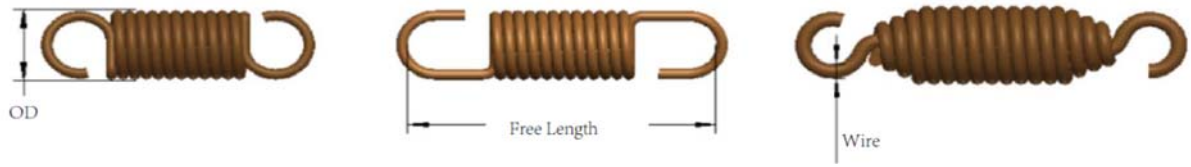
Max Length - Max Load



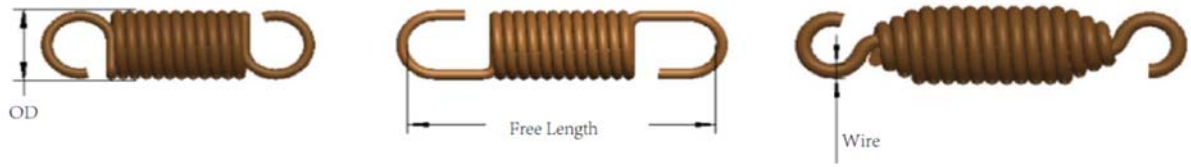
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×23×107.5×24.5	2.8	23	107.5	24.5	170.73	236.4	3.01	46.18	Carbon
ESM 2.8×23×110×25.5	2.8	23	110	25.5	175.53	236.4	2.9	46.18	Carbon
ESM 2.8×23×112.5×26.5	2.8	23	112.5	26.5	180.33	236.4	2.8	46.18	Carbon
ESM 2.8×23×115×27.5	2.8	23	115	27.5	185.12	236.4	2.71	46.18	Carbon
ESS 2.8×23×67.5×10.5	2.8	23	67.5	10.5	92.71	203.76	6.25	46.18	Stainless
ESS 2.8×23×70×11.5	2.8	23	70	11.5	97.39	203.76	5.75	46.18	Stainless
ESS 2.8×23×72.5×12.5	2.8	23	72.5	12.5	102.08	203.76	5.33	46.18	Stainless
ESS 2.8×23×75×12.5	2.8	23	75	12.5	106.77	203.76	4.96	46.18	Stainless
ESS 2.8×23×77.5×13.5	2.8	23	77.5	13.5	111.46	203.76	4.64	46.18	Stainless
ESS 2.8×23×80×14.5	2.8	23	80	14.5	116.15	203.76	4.36	46.18	Stainless
ESS 2.8×23×82.5×15.5	2.8	23	82.5	15.5	120.84	203.76	4.11	46.18	Stainless
ESS 2.8×23×85×16.5	2.8	23	85	16.5	125.53	203.76	3.89	46.18	Stainless
ESS 2.8×23×87.5×17.5	2.8	23	87.5	17.5	130.22	203.76	3.69	46.18	Stainless
ESS 2.8×23×90×18.5	2.8	23	90	18.5	134.91	203.76	3.51	46.18	Stainless
ESS 2.8×23×92.5×19.5	2.8	23	92.5	19.5	139.6	203.76	3.35	46.18	Stainless
ESS 2.8×23×95×20.5	2.8	23	95	20.5	144.29	203.76	3.2	46.18	Stainless
ESS 2.8×23×97.5×20.5	2.8	23	97.5	20.5	148.98	203.76	3.06	46.18	Stainless
ESS 2.8×23×100×21.5	2.8	23	100	21.5	153.67	203.76	2.94	46.18	Stainless
ESS 2.8×23×102.5×22.5	2.8	23	102.5	22.5	158.36	203.76	2.82	46.18	Stainless
ESS 2.8×23×105×23.5	2.8	23	105	23.5	163.05	203.76	2.71	46.18	Stainless
ESS 2.8×23×107.5×24.5	2.8	23	107.5	24.5	167.74	203.76	2.62	46.18	Stainless
ESS 2.8×23×110×25.5	2.8	23	110	25.5	172.43	203.76	2.52	46.18	Stainless
ESS 2.8×23×112.5×26.5	2.8	23	112.5	26.5	177.12	203.76	2.44	46.18	Stainless
ESS 2.8×23×115×27.5	2.8	23	115	27.5	181.8	203.76	2.36	46.18	Stainless
ESM 1.6×24×65×13.5	1.6	24	65	13.5	152.68	43.78	0.46	3.81	Carbon
ESM 1.6×24×67.5×14.5	1.6	24	67.5	14.5	165.55	43.78	0.41	3.81	Carbon
ESM 1.6×24×70×16.5	1.6	24	70	16.5	178.39	43.78	0.37	3.81	Carbon
ESM 1.6×24×72.5×17.5	1.6	24	72.5	17.5	191.26	43.78	0.34	3.81	Carbon
ESM 1.6×24×75×19.5	1.6	24	75	19.5	204.11	43.78	0.31	3.81	Carbon
ESM 1.6×24×77.5×21.5	1.6	24	77.5	21.5	216.97	43.78	0.29	3.81	Carbon
ESM 1.6×24×80×22.5	1.6	24	80	22.5	229.83	43.78	0.27	3.81	Carbon
ESM 1.6×24×82.5×24.5	1.6	24	82.5	24.5	242.71	43.78	0.25	3.81	Carbon
ESM 1.6×24×85×25.5	1.6	24	85	25.5	255.53	43.78	0.23	3.81	Carbon
ESM 1.6×24×87.5×27.5	1.6	24	87.5	27.5	268.38	43.78	0.22	3.81	Carbon
ESM 1.6×24×90×28.5	1.6	24	90	28.5	281.26	43.78	0.21	3.81	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



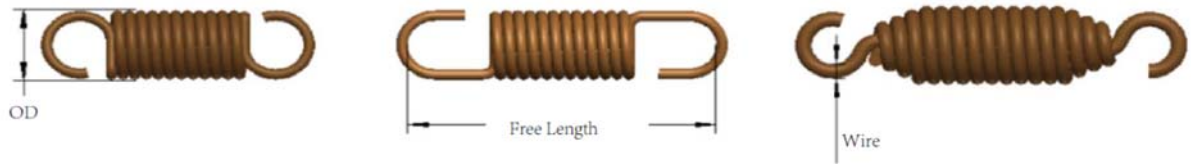
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.6×24×92.5×30.5	1.6	24	92.5	30.5	294.08	43.78	0.2	3.81	Carbon
ESM 1.6×24×95×31.5	1.6	24	95	31.5	306.95	43.78	0.19	3.81	Carbon
ESM 1.6×24×97.5×33.5	1.6	24	97.5	33.5	319.82	43.78	0.18	3.81	Carbon
ESM 1.6×24×100×35.5	1.6	24	100	35.5	332.67	43.78	0.17	3.81	Carbon
ESM 1.6×24×102.5×36.5	1.6	24	102.5	36.5	345.5	43.78	0.16	3.81	Carbon
ESM 1.6×24×105×38.5	1.6	24	105	38.5	358.48	43.78	0.16	3.81	Carbon
ESM 1.6×24×107.5×39.5	1.6	24	107.5	39.5	371.35	43.78	0.15	3.81	Carbon
ESM 1.6×24×110×41.5	1.6	24	110	41.5	384.17	43.78	0.15	3.81	Carbon
ESM 1.6×24×112.5×42.5	1.6	24	112.5	42.5	397.01	43.78	0.14	3.81	Carbon
ESS 1.6×24×65×13.5	1.6	24	65	13.5	154.59	37.85	0.38	3.81	Stainless
ESS 1.6×24×67.5×14.5	1.6	24	67.5	14.5	167.67	37.85	0.34	3.81	Stainless
ESS 1.6×24×70×16.5	1.6	24	70	16.5	180.76	37.85	0.31	3.81	Stainless
ESS 1.6×24×72.5×17.5	1.6	24	72.5	17.5	193.84	37.85	0.28	3.81	Stainless
ESS 1.6×24×75×19.5	1.6	24	75	19.5	206.92	37.85	0.26	3.81	Stainless
ESS 1.6×24×77.5×21.5	1.6	24	77.5	21.5	220.03	37.85	0.24	3.81	Stainless
ESS 1.6×24×80×22.5	1.6	24	80	22.5	233.11	37.85	0.22	3.81	Stainless
ESS 1.6×24×82.5×24.5	1.6	24	82.5	24.5	246.22	37.85	0.21	3.81	Stainless
ESS 1.6×24×85×25.5	1.6	24	85	25.5	259.28	37.85	0.2	3.81	Stainless
ESS 1.6×24×87.5×27.5	1.6	24	87.5	27.5	272.38	37.85	0.18	3.81	Stainless
ESS 1.6×24×90×28.5	1.6	24	90	28.5	285.39	37.85	0.17	3.81	Stainless
ESS 1.6×24×92.5×30.5	1.6	24	92.5	30.5	298.53	37.85	0.17	3.81	Stainless
ESS 1.6×24×95×31.5	1.6	24	95	31.5	311.66	37.85	0.16	3.81	Stainless
ESS 1.6×24×97.5×33.5	1.6	24	97.5	33.5	324.71	37.85	0.15	3.81	Stainless
ESS 1.6×24×100×35.5	1.6	24	100	35.5	337.85	37.85	0.14	3.81	Stainless
ESS 1.6×24×102.5×36.5	1.6	24	102.5	36.5	350.94	37.85	0.14	3.81	Stainless
ESS 1.6×24×105×38.5	1.6	24	105	38.5	364.03	37.85	0.13	3.81	Stainless
ESS 1.6×24×107.5×39.5	1.6	24	107.5	39.5	376.99	37.85	0.13	3.81	Stainless
ESS 1.6×24×110×41.5	1.6	24	110	41.5	390.14	37.85	0.12	3.81	Stainless
ESS 1.6×24×112.5×42.5	1.6	24	112.5	42.5	403.16	37.85	0.12	3.81	Stainless
ESM 1.7×24×65×12.5	1.7	24	65	12.5	141.62	52.4	0.62	5.04	Carbon
ESM 1.7×24×67.5×14.5	1.7	24	67.5	14.5	153.06	52.4	0.55	5.04	Carbon
ESM 1.7×24×70×15.5	1.7	24	70	15.5	164.51	52.4	0.5	5.04	Carbon
ESM 1.7×24×72.5×17.5	1.7	24	72.5	17.5	175.95	52.4	0.46	5.04	Carbon
ESM 1.7×24×75×18.5	1.7	24	75	18.5	187.38	52.4	0.42	5.04	Carbon
ESM 1.7×24×77.5×19.5	1.7	24	77.5	19.5	198.84	52.4	0.39	5.04	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



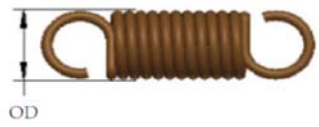
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×24×80×21.5	1.7	24	80	21.5	210.29	52.4	0.36	5.04	Carbon
ESM 1.7×24×82.5×22.5	1.7	24	82.5	22.5	221.71	52.4	0.34	5.04	Carbon
ESM 1.7×24×85×24.5	1.7	24	85	24.5	233.18	52.4	0.32	5.04	Carbon
ESM 1.7×24×87.5×25.5	1.7	24	87.5	25.5	244.63	52.4	0.3	5.04	Carbon
ESM 1.7×24×90×27.5	1.7	24	90	27.5	256.05	52.4	0.29	5.04	Carbon
ESM 1.7×24×92.5×28.5	1.7	24	92.5	28.5	267.51	52.4	0.27	5.04	Carbon
ESM 1.7×24×95×30.5	1.7	24	95	30.5	278.92	52.4	0.26	5.04	Carbon
ESM 1.7×24×97.5×31.5	1.7	24	97.5	31.5	290.41	52.4	0.25	5.04	Carbon
ESM 1.7×24×100×33.5	1.7	24	100	33.5	301.78	52.4	0.23	5.04	Carbon
ESM 1.7×24×102.5×34.5	1.7	24	102.5	34.5	313.26	52.4	0.22	5.04	Carbon
ESM 1.7×24×105×36.5	1.7	24	105	36.5	324.66	52.4	0.22	5.04	Carbon
ESM 1.7×24×107.5×37.5	1.7	24	107.5	37.5	336.18	52.4	0.21	5.04	Carbon
ESM 1.7×24×110×39.5	1.7	24	110	39.5	347.62	52.4	0.2	5.04	Carbon
ESM 1.7×24×112.5×40.5	1.7	24	112.5	40.5	359.03	52.4	0.19	5.04	Carbon
ESS 1.7×24×65×12.5	1.7	24	65	12.5	143.05	45.24	0.52	5.04	Stainless
ESS 1.7×24×67.5×14.5	1.7	24	67.5	14.5	154.68	45.24	0.46	5.04	Stainless
ESS 1.7×24×70×15.5	1.7	24	70	15.5	166.28	45.24	0.42	5.04	Stainless
ESS 1.7×24×72.5×17.5	1.7	24	72.5	17.5	177.89	45.24	0.38	5.04	Stainless
ESS 1.7×24×75×18.5	1.7	24	75	18.5	189.51	45.24	0.35	5.04	Stainless
ESS 1.7×24×77.5×19.5	1.7	24	77.5	19.5	201.1	45.24	0.33	5.04	Stainless
ESS 1.7×24×80×21.5	1.7	24	80	21.5	212.74	45.24	0.3	5.04	Stainless
ESS 1.7×24×82.5×22.5	1.7	24	82.5	22.5	224.32	45.24	0.28	5.04	Stainless
ESS 1.7×24×85×24.5	1.7	24	85	24.5	235.92	45.24	0.27	5.04	Stainless
ESS 1.7×24×87.5×25.5	1.7	24	87.5	25.5	247.55	45.24	0.25	5.04	Stainless
ESS 1.7×24×90×27.5	1.7	24	90	27.5	259.14	45.24	0.24	5.04	Stainless
ESS 1.7×24×92.5×28.5	1.7	24	92.5	28.5	270.8	45.24	0.23	5.04	Stainless
ESS 1.7×24×95×30.5	1.7	24	95	30.5	282.35	45.24	0.21	5.04	Stainless
ESS 1.7×24×97.5×31.5	1.7	24	97.5	31.5	294.01	45.24	0.2	5.04	Stainless
ESS 1.7×24×100×33.5	1.7	24	100	33.5	305.55	45.24	0.2	5.04	Stainless
ESS 1.7×24×102.5×34.5	1.7	24	102.5	34.5	317.16	45.24	0.19	5.04	Stainless
ESS 1.7×24×105×36.5	1.7	24	105	36.5	328.86	45.24	0.18	5.04	Stainless
ESS 1.7×24×107.5×37.5	1.7	24	107.5	37.5	340.44	45.24	0.17	5.04	Stainless
ESS 1.7×24×110×39.5	1.7	24	110	39.5	352.06	45.24	0.17	5.04	Stainless
ESS 1.7×24×112.5×40.5	1.7	24	112.5	40.5	363.63	45.24	0.16	5.04	Stainless
ESM 1.8×24×65×12.5	1.8	24	65	12.5	132.41	62.05	0.82	6.52	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×24×67.5×13.5	1.8	24	67.5	13.5	142.68	62.05	0.74	6.52	Carbon
ESM 1.8×24×70×14.5	1.8	24	70	14.5	152.95	62.05	0.67	6.52	Carbon
ESM 1.8×24×72.5×16.5	1.8	24	72.5	16.5	163.23	62.05	0.61	6.52	Carbon
ESM 1.8×24×75×17.5	1.8	24	75	17.5	173.51	62.05	0.56	6.52	Carbon
ESM 1.8×24×77.5×18.5	1.8	24	77.5	18.5	183.77	62.05	0.52	6.52	Carbon
ESM 1.8×24×80×20.5	1.8	24	80	20.5	194.04	62.05	0.49	6.52	Carbon
ESM 1.8×24×82.5×21.5	1.8	24	82.5	21.5	204.33	62.05	0.46	6.52	Carbon
ESM 1.8×24×85×23.5	1.8	24	85	23.5	214.59	62.05	0.43	6.52	Carbon
ESM 1.8×24×87.5×24.5	1.8	24	87.5	24.5	224.88	62.05	0.4	6.52	Carbon
ESM 1.8×24×90×25.5	1.8	24	90	25.5	235.13	62.05	0.38	6.52	Carbon
ESM 1.8×24×92.5×27.5	1.8	24	92.5	27.5	245.43	62.05	0.36	6.52	Carbon
ESM 1.8×24×95×28.5	1.8	24	95	28.5	255.67	62.05	0.35	6.52	Carbon
ESM 1.8×24×97.5×30.5	1.8	24	97.5	30.5	265.97	62.05	0.33	6.52	Carbon
ESM 1.8×24×100×31.5	1.8	24	100	31.5	276.22	62.05	0.32	6.52	Carbon
ESM 1.8×24×102.5×32.5	1.8	24	102.5	32.5	286.49	62.05	0.3	6.52	Carbon
ESM 1.8×24×105×34.5	1.8	24	105	34.5	296.81	62.05	0.29	6.52	Carbon
ESM 1.8×24×107.5×35.5	1.8	24	107.5	35.5	307.03	62.05	0.28	6.52	Carbon
ESM 1.8×24×110×37.5	1.8	24	110	37.5	317.35	62.05	0.27	6.52	Carbon
ESM 1.8×24×112.5×38.5	1.8	24	112.5	38.5	327.64	62.05	0.26	6.52	Carbon
ESS 1.8×24×65×12.5	1.8	24	65	12.5	133.47	53.52	0.69	6.52	Stainless
ESS 1.8×24×67.5×13.5	1.8	24	67.5	13.5	143.86	53.52	0.62	6.52	Stainless
ESS 1.8×24×70×14.5	1.8	24	70	14.5	154.26	53.52	0.56	6.52	Stainless
ESS 1.8×24×72.5×16.5	1.8	24	72.5	16.5	164.65	53.52	0.51	6.52	Stainless
ESS 1.8×24×75×17.5	1.8	24	75	17.5	175.04	53.52	0.47	6.52	Stainless
ESS 1.8×24×77.5×18.5	1.8	24	77.5	18.5	185.44	53.52	0.44	6.52	Stainless
ESS 1.8×24×80×20.5	1.8	24	80	20.5	195.85	53.52	0.41	6.52	Stainless
ESS 1.8×24×82.5×21.5	1.8	24	82.5	21.5	206.25	53.52	0.38	6.52	Stainless
ESS 1.8×24×85×23.5	1.8	24	85	23.5	216.61	53.52	0.36	6.52	Stainless
ESS 1.8×24×87.5×24.5	1.8	24	87.5	24.5	227	53.52	0.34	6.52	Stainless
ESS 1.8×24×90×25.5	1.8	24	90	25.5	237.42	53.52	0.32	6.52	Stainless
ESS 1.8×24×92.5×27.5	1.8	24	92.5	27.5	247.82	53.52	0.3	6.52	Stainless
ESS 1.8×24×95×28.5	1.8	24	95	28.5	258.19	53.52	0.29	6.52	Stainless
ESS 1.8×24×97.5×30.5	1.8	24	97.5	30.5	268.59	53.52	0.27	6.52	Stainless
ESS 1.8×24×100×31.5	1.8	24	100	31.5	278.98	53.52	0.26	6.52	Stainless
ESS 1.8×24×102.5×32.5	1.8	24	102.5	32.5	289.37	53.52	0.25	6.52	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

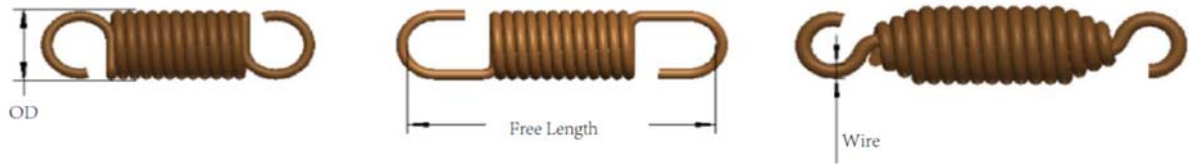






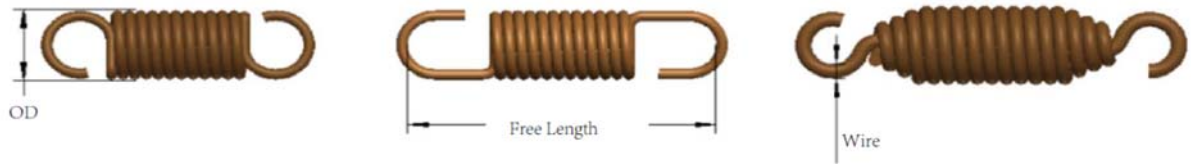
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.8×24×105×34.5	1.8	24	105	34.5	299.77	53.52	0.24	6.52	Stainless
ESS 1.8×24×107.5×35.5	1.8	24	107.5	35.5	310.17	53.52	0.23	6.52	Stainless
ESS 1.8×24×110×37.5	1.8	24	110	37.5	320.57	53.52	0.22	6.52	Stainless
ESS 1.8×24×112.5×38.5	1.8	24	112.5	38.5	331	53.52	0.22	6.52	Stainless
ESM 1.9×24×65×11.5	1.9	24	65	11.5	124.43	72.55	1.08	8.29	Carbon
ESM 1.9×24×67.5×12.5	1.9	24	67.5	12.5	133.7	72.55	0.97	8.29	Carbon
ESM 1.9×24×70×14.5	1.9	24	70	14.5	142.98	72.55	0.88	8.29	Carbon
ESM 1.9×24×72.5×15.5	1.9	24	72.5	15.5	152.25	72.55	0.81	8.29	Carbon
ESM 1.9×24×75×16.5	1.9	24	75	16.5	161.52	72.55	0.74	8.29	Carbon
ESM 1.9×24×77.5×18.5	1.9	24	77.5	18.5	170.79	72.55	0.69	8.29	Carbon
ESM 1.9×24×80×19.5	1.9	24	80	19.5	180.06	72.55	0.64	8.29	Carbon
ESM 1.9×24×82.5×20.5	1.9	24	82.5	20.5	189.35	72.55	0.6	8.29	Carbon
ESM 1.9×24×85×22.5	1.9	24	85	22.5	198.61	72.55	0.57	8.29	Carbon
ESM 1.9×24×87.5×23.5	1.9	24	87.5	23.5	207.88	72.55	0.53	8.29	Carbon
ESM 1.9×24×90×24.5	1.9	24	90	24.5	217.17	72.55	0.51	8.29	Carbon
ESM 1.9×24×92.5×26.5	1.9	24	92.5	26.5	226.43	72.55	0.48	8.29	Carbon
ESM 1.9×24×95×27.5	1.9	24	95	27.5	235.7	72.55	0.46	8.29	Carbon
ESM 1.9×24×97.5×28.5	1.9	24	97.5	28.5	244.98	72.55	0.44	8.29	Carbon
ESM 1.9×24×100×29.5	1.9	24	100	29.5	254.24	72.55	0.42	8.29	Carbon
ESM 1.9×24×102.5×31.5	1.9	24	102.5	31.5	263.51	72.55	0.4	8.29	Carbon
ESM 1.9×24×105×32.5	1.9	24	105	32.5	272.77	72.55	0.38	8.29	Carbon
ESM 1.9×24×107.5×33.5	1.9	24	107.5	33.5	282.07	72.55	0.37	8.29	Carbon
ESM 1.9×24×110×35.5	1.9	24	110	35.5	291.31	72.55	0.35	8.29	Carbon
ESM 1.9×24×112.5×36.5	1.9	24	112.5	36.5	300.61	72.55	0.34	8.29	Carbon
ESS 1.9×24×65×11.5	1.9	24	65	11.5	125.41	62.73	0.9	8.29	Stainless
ESS 1.9×24×67.5×12.5	1.9	24	67.5	12.5	134.8	62.73	0.81	8.29	Stainless
ESS 1.9×24×70×14.5	1.9	24	70	14.5	144.18	62.73	0.73	8.29	Stainless
ESS 1.9×24×72.5×15.5	1.9	24	72.5	15.5	153.56	62.73	0.67	8.29	Stainless
ESS 1.9×24×75×16.5	1.9	24	75	16.5	162.95	62.73	0.62	8.29	Stainless
ESS 1.9×24×77.5×18.5	1.9	24	77.5	18.5	172.33	62.73	0.57	8.29	Stainless
ESS 1.9×24×80×19.5	1.9	24	80	19.5	181.72	62.73	0.54	8.29	Stainless
ESS 1.9×24×82.5×20.5	1.9	24	82.5	20.5	191.11	62.73	0.5	8.29	Stainless
ESS 1.9×24×85×22.5	1.9	24	85	22.5	200.5	62.73	0.47	8.29	Stainless
ESS 1.9×24×87.5×23.5	1.9	24	87.5	23.5	209.88	62.73	0.44	8.29	Stainless
ESS 1.9×24×90×24.5	1.9	24	90	24.5	219.26	62.73	0.42	8.29	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×24×92.5×26.5	1.9	24	92.5	26.5	228.65	62.73	0.4	8.29	Stainless
ESS 1.9×24×95×27.5	1.9	24	95	27.5	238.02	62.73	0.38	8.29	Stainless
ESS 1.9×24×97.5×28.5	1.9	24	97.5	28.5	247.41	62.73	0.36	8.29	Stainless
ESS 1.9×24×100×29.5	1.9	24	100	29.5	256.78	62.73	0.35	8.29	Stainless
ESS 1.9×24×102.5×31.5	1.9	24	102.5	31.5	266.16	62.73	0.33	8.29	Stainless
ESS 1.9×24×105×32.5	1.9	24	105	32.5	275.58	62.73	0.32	8.29	Stainless
ESS 1.9×24×107.5×33.5	1.9	24	107.5	33.5	284.92	62.73	0.31	8.29	Stainless
ESS 1.9×24×110×35.5	1.9	24	110	35.5	294.33	62.73	0.3	8.29	Stainless
ESS 1.9×24×112.5×36.5	1.9	24	112.5	36.5	303.69	62.73	0.28	8.29	Stainless
ESM 2×24×65×11.5	2	24	65	11.5	117.89	84.41	1.4	10.38	Carbon
ESM 2×24×67.5×12.5	2	24	67.5	12.5	126.34	84.41	1.26	10.38	Carbon
ESM 2×24×70×13.5	2	24	70	13.5	134.8	84.41	1.14	10.38	Carbon
ESM 2×24×72.5×14.5	2	24	72.5	14.5	143.25	84.41	1.05	10.38	Carbon
ESM 2×24×75×16.5	2	24	75	16.5	151.71	84.41	0.97	10.38	Carbon
ESM 2×24×77.5×17.5	2	24	77.5	17.5	160.16	84.41	0.9	10.38	Carbon
ESM 2×24×80×18.5	2	24	80	18.5	168.62	84.41	0.84	10.38	Carbon
ESM 2×24×82.5×19.5	2	24	82.5	19.5	177.07	84.41	0.78	10.38	Carbon
ESM 2×24×85×21.5	2	24	85	21.5	185.53	84.41	0.74	10.38	Carbon
ESM 2×24×87.5×22.5	2	24	87.5	22.5	193.99	84.41	0.7	10.38	Carbon
ESM 2×24×90×23.5	2	24	90	23.5	202.44	84.41	0.66	10.38	Carbon
ESM 2×24×92.5×24.5	2	24	92.5	24.5	210.89	84.41	0.63	10.38	Carbon
ESM 2×24×95×26.5	2	24	95	26.5	219.36	84.41	0.6	10.38	Carbon
ESM 2×24×97.5×27.5	2	24	97.5	27.5	227.81	84.41	0.57	10.38	Carbon
ESM 2×24×100×28.5	2	24	100	28.5	236.26	84.41	0.54	10.38	Carbon
ESM 2×24×102.5×29.5	2	24	102.5	29.5	244.73	84.41	0.52	10.38	Carbon
ESM 2×24×105×31.5	2	24	105	31.5	253.18	84.41	0.5	10.38	Carbon
ESM 2×24×107.5×32.5	2	24	107.5	32.5	261.63	84.41	0.48	10.38	Carbon
ESM 2×24×110×33.5	2	24	110	33.5	270.1	84.41	0.46	10.38	Carbon
ESM 2×24×112.5×34.5	2	24	112.5	34.5	278.53	84.41	0.45	10.38	Carbon
ESS 2×24×65×11.5	2	24	65	11.5	118.6	72.9	1.17	10.38	Stainless
ESS 2×24×67.5×12.5	2	24	67.5	12.5	127.13	72.9	1.05	10.38	Stainless
ESS 2×24×70×13.5	2	24	70	13.5	135.67	72.9	0.95	10.38	Stainless
ESS 2×24×72.5×14.5	2	24	72.5	14.5	144.21	72.9	0.87	10.38	Stainless
ESS 2×24×75×16.5	2	24	75	16.5	152.74	72.9	0.8	10.38	Stainless
ESS 2×24×77.5×17.5	2	24	77.5	17.5	161.27	72.9	0.75	10.38	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×24×80×18.5	2	24	80	18.5	169.81	72.9	0.7	10.38	Stainless
ESS 2×24×82.5×19.5	2	24	82.5	19.5	178.35	72.9	0.65	10.38	Stainless
ESS 2×24×85×21.5	2	24	85	21.5	186.87	72.9	0.61	10.38	Stainless
ESS 2×24×87.5×22.5	2	24	87.5	22.5	195.42	72.9	0.58	10.38	Stainless
ESS 2×24×90×23.5	2	24	90	23.5	203.94	72.9	0.55	10.38	Stainless
ESS 2×24×92.5×24.5	2	24	92.5	24.5	212.48	72.9	0.52	10.38	Stainless
ESS 2×24×95×26.5	2	24	95	26.5	221.02	72.9	0.5	10.38	Stainless
ESS 2×24×97.5×27.5	2	24	97.5	27.5	229.57	72.9	0.47	10.38	Stainless
ESS 2×24×100×28.5	2	24	100	28.5	238.1	72.9	0.45	10.38	Stainless
ESS 2×24×102.5×29.5	2	24	102.5	29.5	246.62	72.9	0.43	10.38	Stainless
ESS 2×24×105×31.5	2	24	105	31.5	255.18	72.9	0.42	10.38	Stainless
ESS 2×24×107.5×32.5	2	24	107.5	32.5	263.68	72.9	0.4	10.38	Stainless
ESS 2×24×110×33.5	2	24	110	33.5	272.22	72.9	0.39	10.38	Stainless
ESS 2×24×112.5×34.5	2	24	112.5	34.5	280.79	72.9	0.37	10.38	Stainless
ESM 2.1×24×65×10.5	2.1	24	65	10.5	112.29	97.48	1.79	12.82	Carbon
ESM 2.1×24×67.5×11.5	2.1	24	67.5	11.5	120.05	97.48	1.61	12.82	Carbon
ESM 2.1×24×70×13.5	2.1	24	70	13.5	127.82	97.48	1.46	12.82	Carbon
ESM 2.1×24×72.5×14.5	2.1	24	72.5	14.5	135.58	97.48	1.34	12.82	Carbon
ESM 2.1×24×75×15.5	2.1	24	75	15.5	143.34	97.48	1.24	12.82	Carbon
ESM 2.1×24×77.5×16.5	2.1	24	77.5	16.5	151.11	97.48	1.15	12.82	Carbon
ESM 2.1×24×80×17.5	2.1	24	80	17.5	158.88	97.48	1.07	12.82	Carbon
ESM 2.1×24×82.5×19.5	2.1	24	82.5	19.5	166.64	97.48	1.01	12.82	Carbon
ESM 2.1×24×85×20.5	2.1	24	85	20.5	174.4	97.48	0.95	12.82	Carbon
ESM 2.1×24×87.5×21.5	2.1	24	87.5	21.5	182.16	97.48	0.89	12.82	Carbon
ESM 2.1×24×90×22.5	2.1	24	90	22.5	189.93	97.48	0.85	12.82	Carbon
ESM 2.1×24×92.5×23.5	2.1	24	92.5	23.5	197.69	97.48	0.8	12.82	Carbon
ESM 2.1×24×95×24.5	2.1	24	95	24.5	205.46	97.48	0.77	12.82	Carbon
ESM 2.1×24×97.5×26.5	2.1	24	97.5	26.5	213.22	97.48	0.73	12.82	Carbon
ESM 2.1×24×100×27.5	2.1	24	100	27.5	220.99	97.48	0.7	12.82	Carbon
ESM 2.1×24×102.5×28.5	2.1	24	102.5	28.5	228.74	97.48	0.67	12.82	Carbon
ESM 2.1×24×105×29.5	2.1	24	105	29.5	236.52	97.48	0.64	12.82	Carbon
ESM 2.1×24×107.5×30.5	2.1	24	107.5	30.5	244.26	97.48	0.62	12.82	Carbon
ESM 2.1×24×110×32.5	2.1	24	110	32.5	252.04	97.48	0.6	12.82	Carbon
ESM 2.1×24×112.5×33.5	2.1	24	112.5	33.5	259.81	97.48	0.57	12.82	Carbon
ESS 2.1×24×65×10.5	2.1	24	65	10.5	112.78	84.09	1.49	12.82	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×24×67.5×11.5	2.1	24	67.5	11.5	120.59	84.09	1.34	12.82	Stainless
ESS 2.1×24×70×13.5	2.1	24	70	13.5	128.41	84.09	1.22	12.82	Stainless
ESS 2.1×24×72.5×14.5	2.1	24	72.5	14.5	136.23	84.09	1.12	12.82	Stainless
ESS 2.1×24×75×15.5	2.1	24	75	15.5	144.05	84.09	1.03	12.82	Stainless
ESS 2.1×24×77.5×16.5	2.1	24	77.5	16.5	151.86	84.09	0.96	12.82	Stainless
ESS 2.1×24×80×17.5	2.1	24	80	17.5	159.68	84.09	0.89	12.82	Stainless
ESS 2.1×24×82.5×19.5	2.1	24	82.5	19.5	167.5	84.09	0.84	12.82	Stainless
ESS 2.1×24×85×20.5	2.1	24	85	20.5	175.32	84.09	0.79	12.82	Stainless
ESS 2.1×24×87.5×21.5	2.1	24	87.5	21.5	183.14	84.09	0.75	12.82	Stainless
ESS 2.1×24×90×22.5	2.1	24	90	22.5	190.95	84.09	0.71	12.82	Stainless
ESS 2.1×24×92.5×23.5	2.1	24	92.5	23.5	198.76	84.09	0.67	12.82	Stainless
ESS 2.1×24×95×24.5	2.1	24	95	24.5	206.59	84.09	0.64	12.82	Stainless
ESS 2.1×24×97.5×26.5	2.1	24	97.5	26.5	214.41	84.09	0.61	12.82	Stainless
ESS 2.1×24×100×27.5	2.1	24	100	27.5	222.23	84.09	0.58	12.82	Stainless
ESS 2.1×24×102.5×28.5	2.1	24	102.5	28.5	230.04	84.09	0.56	12.82	Stainless
ESS 2.1×24×105×29.5	2.1	24	105	29.5	237.87	84.09	0.54	12.82	Stainless
ESS 2.1×24×107.5×30.5	2.1	24	107.5	30.5	245.68	84.09	0.52	12.82	Stainless
ESS 2.1×24×110×32.5	2.1	24	110	32.5	253.49	84.09	0.5	12.82	Stainless
ESS 2.1×24×112.5×33.5	2.1	24	112.5	33.5	261.32	84.09	0.48	12.82	Stainless
ESM 2.2×24×65×10.5	2.2	24	65	10.5	107.3	111.4	2.26	15.64	Carbon
ESM 2.2×24×67.5×11.5	2.2	24	67.5	11.5	114.45	111.4	2.04	15.64	Carbon
ESM 2.2×24×70×12.5	2.2	24	70	12.5	121.61	111.4	1.86	15.64	Carbon
ESM 2.2×24×72.5×13.5	2.2	24	72.5	13.5	128.76	111.4	1.7	15.64	Carbon
ESM 2.2×24×75×14.5	2.2	24	75	14.5	135.91	111.4	1.57	15.64	Carbon
ESM 2.2×24×77.5×16.5	2.2	24	77.5	16.5	143.07	111.4	1.46	15.64	Carbon
ESM 2.2×24×80×17.5	2.2	24	80	17.5	150.22	111.4	1.36	15.64	Carbon
ESM 2.2×24×82.5×18.5	2.2	24	82.5	18.5	157.38	111.4	1.28	15.64	Carbon
ESM 2.2×24×85×19.5	2.2	24	85	19.5	164.53	111.4	1.2	15.64	Carbon
ESM 2.2×24×87.5×20.5	2.2	24	87.5	20.5	171.69	111.4	1.14	15.64	Carbon
ESM 2.2×24×90×21.5	2.2	24	90	21.5	178.84	111.4	1.08	15.64	Carbon
ESM 2.2×24×92.5×22.5	2.2	24	92.5	22.5	185.99	111.4	1.02	15.64	Carbon
ESM 2.2×24×95×23.5	2.2	24	95	23.5	193.15	111.4	0.98	15.64	Carbon
ESM 2.2×24×97.5×25.5	2.2	24	97.5	25.5	200.31	111.4	0.93	15.64	Carbon
ESM 2.2×24×100×26.5	2.2	24	100	26.5	207.45	111.4	0.89	15.64	Carbon
ESM 2.2×24×102.5×27.5	2.2	24	102.5	27.5	214.61	111.4	0.85	15.64	Carbon

M: Carbon Steel;
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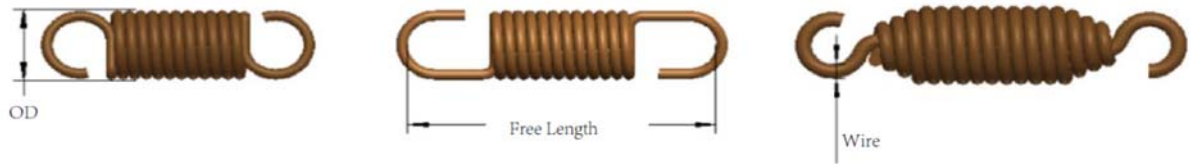
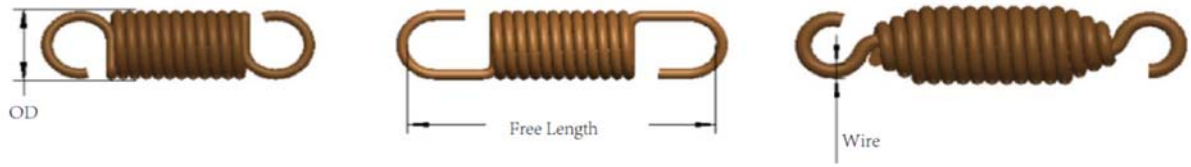


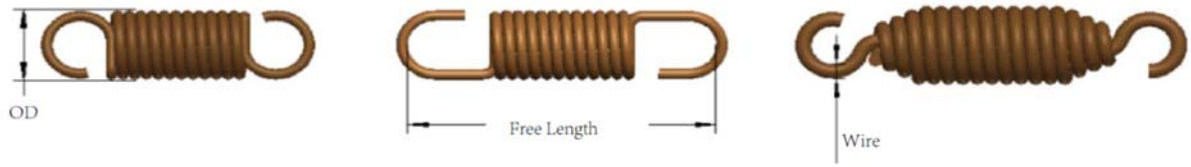
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×24×105×28.5	2.2	24	105	28.5	221.77	111.4	0.82	15.64	Carbon
ESM 2.2×24×107.5×29.5	2.2	24	107.5	29.5	228.92	111.4	0.79	15.64	Carbon
ESM 2.2×24×110×30.5	2.2	24	110	30.5	236.07	111.4	0.76	15.64	Carbon
ESM 2.2×24×112.5×31.5	2.2	24	112.5	31.5	243.24	111.4	0.73	15.64	Carbon
ESS 2.2×24×65×10.5	2.2	24	65	10.5	107.77	96.34	1.89	15.64	Stainless
ESS 2.2×24×67.5×11.5	2.2	24	67.5	11.5	114.98	96.34	1.7	15.64	Stainless
ESS 2.2×24×70×12.5	2.2	24	70	12.5	122.18	96.34	1.55	15.64	Stainless
ESS 2.2×24×72.5×13.5	2.2	24	72.5	13.5	129.39	96.34	1.42	15.64	Stainless
ESS 2.2×24×75×14.5	2.2	24	75	14.5	136.6	96.34	1.31	15.64	Stainless
ESS 2.2×24×77.5×16.5	2.2	24	77.5	16.5	143.8	96.34	1.22	15.64	Stainless
ESS 2.2×24×80×17.5	2.2	24	80	17.5	151.01	96.34	1.14	15.64	Stainless
ESS 2.2×24×82.5×18.5	2.2	24	82.5	18.5	158.22	96.34	1.07	15.64	Stainless
ESS 2.2×24×85×19.5	2.2	24	85	19.5	165.42	96.34	1	15.64	Stainless
ESS 2.2×24×87.5×20.5	2.2	24	87.5	20.5	172.63	96.34	0.95	15.64	Stainless
ESS 2.2×24×90×21.5	2.2	24	90	21.5	179.83	96.34	0.9	15.64	Stainless
ESS 2.2×24×92.5×22.5	2.2	24	92.5	22.5	187.04	96.34	0.85	15.64	Stainless
ESS 2.2×24×95×23.5	2.2	24	95	23.5	194.25	96.34	0.81	15.64	Stainless
ESS 2.2×24×97.5×25.5	2.2	24	97.5	25.5	201.45	96.34	0.78	15.64	Stainless
ESS 2.2×24×100×26.5	2.2	24	100	26.5	208.67	96.34	0.74	15.64	Stainless
ESS 2.2×24×102.5×27.5	2.2	24	102.5	27.5	215.87	96.34	0.71	15.64	Stainless
ESS 2.2×24×105×28.5	2.2	24	105	28.5	223.08	96.34	0.68	15.64	Stainless
ESS 2.2×24×107.5×29.5	2.2	24	107.5	29.5	230.29	96.34	0.66	15.64	Stainless
ESS 2.2×24×110×30.5	2.2	24	110	30.5	237.49	96.34	0.63	15.64	Stainless
ESS 2.2×24×112.5×31.5	2.2	24	112.5	31.5	244.71	96.34	0.61	15.64	Stainless
ESM 2.3×24×67.5×11.5	2.3	24	67.5	11.5	109.79	126.97	2.56	18.87	Carbon
ESM 2.3×24×70×12.5	2.3	24	70	12.5	116.44	126.97	2.33	18.87	Carbon
ESM 2.3×24×72.5×13.5	2.3	24	72.5	13.5	123.09	126.97	2.14	18.87	Carbon
ESM 2.3×24×75×14.5	2.3	24	75	14.5	129.74	126.97	1.97	18.87	Carbon
ESM 2.3×24×77.5×15.5	2.3	24	77.5	15.5	136.39	126.97	1.84	18.87	Carbon
ESM 2.3×24×80×16.5	2.3	24	80	16.5	143.04	126.97	1.71	18.87	Carbon
ESM 2.3×24×82.5×17.5	2.3	24	82.5	17.5	149.69	126.97	1.61	18.87	Carbon
ESM 2.3×24×85×18.5	2.3	24	85	18.5	156.34	126.97	1.52	18.87	Carbon
ESM 2.3×24×87.5×19.5	2.3	24	87.5	19.5	162.98	126.97	1.43	18.87	Carbon
ESM 2.3×24×90×20.5	2.3	24	90	20.5	169.63	126.97	1.36	18.87	Carbon
ESM 2.3×24×92.5×21.5	2.3	24	92.5	21.5	176.28	126.97	1.29	18.87	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



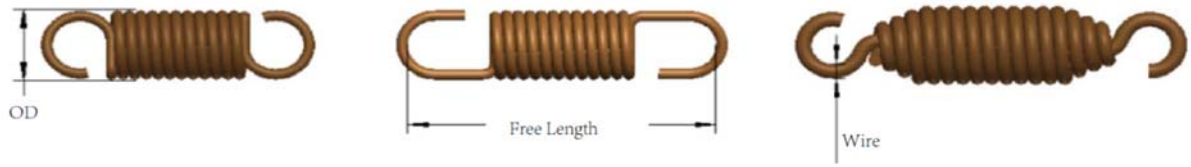
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×24×95×23.5	2.3	24	95	23.5	182.93	126.97	1.23	18.87	Carbon
ESM 2.3×24×97.5×24.5	2.3	24	97.5	24.5	189.58	126.97	1.17	18.87	Carbon
ESM 2.3×24×100×25.5	2.3	24	100	25.5	196.23	126.97	1.12	18.87	Carbon
ESM 2.3×24×102.5×26.5	2.3	24	102.5	26.5	202.88	126.97	1.08	18.87	Carbon
ESM 2.3×24×105×27.5	2.3	24	105	27.5	209.53	126.97	1.03	18.87	Carbon
ESM 2.3×24×107.5×28.5	2.3	24	107.5	28.5	216.18	126.97	0.99	18.87	Carbon
ESM 2.3×24×110×29.5	2.3	24	110	29.5	222.83	126.97	0.96	18.87	Carbon
ESM 2.3×24×112.5×30.5	2.3	24	112.5	30.5	229.48	126.97	0.92	18.87	Carbon
ESM 2.3×24×115×31.5	2.3	24	115	31.5	236.12	126.97	0.89	18.87	Carbon
ESS 2.3×24×67.5×11.5	2.3	24	67.5	11.5	110.13	109.68	2.13	18.87	Stainless
ESS 2.3×24×70×12.5	2.3	24	70	12.5	116.81	109.68	1.94	18.87	Stainless
ESS 2.3×24×72.5×13.5	2.3	24	72.5	13.5	123.49	109.68	1.78	18.87	Stainless
ESS 2.3×24×75×14.5	2.3	24	75	14.5	130.18	109.68	1.65	18.87	Stainless
ESS 2.3×24×77.5×15.5	2.3	24	77.5	15.5	136.86	109.68	1.53	18.87	Stainless
ESS 2.3×24×80×16.5	2.3	24	80	16.5	143.54	109.68	1.43	18.87	Stainless
ESS 2.3×24×82.5×17.5	2.3	24	82.5	17.5	150.22	109.68	1.34	18.87	Stainless
ESS 2.3×24×85×18.5	2.3	24	85	18.5	156.9	109.68	1.26	18.87	Stainless
ESS 2.3×24×87.5×19.5	2.3	24	87.5	19.5	163.59	109.68	1.19	18.87	Stainless
ESS 2.3×24×90×20.5	2.3	24	90	20.5	170.27	109.68	1.13	18.87	Stainless
ESS 2.3×24×92.5×21.5	2.3	24	92.5	21.5	176.96	109.68	1.08	18.87	Stainless
ESS 2.3×24×95×23.5	2.3	24	95	23.5	183.64	109.68	1.02	18.87	Stainless
ESS 2.3×24×97.5×24.5	2.3	24	97.5	24.5	190.32	109.68	0.98	18.87	Stainless
ESS 2.3×24×100×25.5	2.3	24	100	25.5	197.01	109.68	0.94	18.87	Stainless
ESS 2.3×24×102.5×26.5	2.3	24	102.5	26.5	203.68	109.68	0.9	18.87	Stainless
ESS 2.3×24×105×27.5	2.3	24	105	27.5	210.37	109.68	0.86	18.87	Stainless
ESS 2.3×24×107.5×28.5	2.3	24	107.5	28.5	217.05	109.68	0.83	18.87	Stainless
ESS 2.3×24×110×29.5	2.3	24	110	29.5	223.74	109.68	0.8	18.87	Stainless
ESS 2.3×24×112.5×30.5	2.3	24	112.5	30.5	230.42	109.68	0.77	18.87	Stainless
ESS 2.3×24×115×31.5	2.3	24	115	31.5	237.1	109.68	0.74	18.87	Stainless
ESM 2.4×24×67.5×10.5	2.4	24	67.5	10.5	105.73	143.89	3.17	22.55	Carbon
ESM 2.4×24×70×11.5	2.4	24	70	11.5	111.94	143.89	2.89	22.55	Carbon
ESM 2.4×24×72.5×12.5	2.4	24	72.5	12.5	118.16	143.89	2.66	22.55	Carbon
ESM 2.4×24×75×13.5	2.4	24	75	13.5	124.37	143.89	2.46	22.55	Carbon
ESM 2.4×24×77.5×14.5	2.4	24	77.5	14.5	130.58	143.89	2.29	22.55	Carbon
ESM 2.4×24×80×15.5	2.4	24	80	15.5	136.79	143.89	2.14	22.55	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×24×82.5×16.5	2.4	24	82.5	16.5	143.01	143.89	2.01	22.55	Carbon
ESM 2.4×24×85×18.5	2.4	24	85	18.5	149.22	143.89	1.89	22.55	Carbon
ESM 2.4×24×87.5×19.5	2.4	24	87.5	19.5	155.43	143.89	1.79	22.55	Carbon
ESM 2.4×24×90×20.5	2.4	24	90	20.5	161.65	143.89	1.69	22.55	Carbon
ESM 2.4×24×92.5×21.5	2.4	24	92.5	21.5	167.86	143.89	1.61	22.55	Carbon
ESM 2.4×24×95×22.5	2.4	24	95	22.5	174.07	143.89	1.53	22.55	Carbon
ESM 2.4×24×97.5×23.5	2.4	24	97.5	23.5	180.29	143.89	1.47	22.55	Carbon
ESM 2.4×24×100×24.5	2.4	24	100	24.5	186.5	143.89	1.4	22.55	Carbon
ESM 2.4×24×102.5×25.5	2.4	24	102.5	25.5	192.71	143.89	1.35	22.55	Carbon
ESM 2.4×24×105×26.5	2.4	24	105	26.5	198.92	143.89	1.29	22.55	Carbon
ESM 2.4×24×107.5×27.5	2.4	24	107.5	27.5	205.14	143.89	1.24	22.55	Carbon
ESM 2.4×24×110×28.5	2.4	24	110	28.5	211.35	143.89	1.2	22.55	Carbon
ESM 2.4×24×112.5×29.5	2.4	24	112.5	29.5	217.56	143.89	1.16	22.55	Carbon
ESM 2.4×24×115×30.5	2.4	24	115	30.5	223.77	143.89	1.12	22.55	Carbon
ESS 2.4×24×67.5×10.5	2.4	24	67.5	10.5	105.91	124.15	2.65	22.55	Stainless
ESS 2.4×24×70×11.5	2.4	24	70	11.5	112.14	124.15	2.41	22.55	Stainless
ESS 2.4×24×72.5×12.5	2.4	24	72.5	12.5	118.37	124.15	2.21	22.55	Stainless
ESS 2.4×24×75×13.5	2.4	24	75	13.5	124.61	124.15	2.05	22.55	Stainless
ESS 2.4×24×77.5×14.5	2.4	24	77.5	14.5	130.84	124.15	1.91	22.55	Stainless
ESS 2.4×24×80×15.5	2.4	24	80	15.5	137.07	124.15	1.78	22.55	Stainless
ESS 2.4×24×82.5×16.5	2.4	24	82.5	16.5	143.3	124.15	1.67	22.55	Stainless
ESS 2.4×24×85×18.5	2.4	24	85	18.5	149.53	124.15	1.57	22.55	Stainless
ESS 2.4×24×87.5×19.5	2.4	24	87.5	19.5	155.76	124.15	1.49	22.55	Stainless
ESS 2.4×24×90×20.5	2.4	24	90	20.5	161.99	124.15	1.41	22.55	Stainless
ESS 2.4×24×92.5×21.5	2.4	24	92.5	21.5	168.22	124.15	1.34	22.55	Stainless
ESS 2.4×24×95×22.5	2.4	24	95	22.5	174.46	124.15	1.28	22.55	Stainless
ESS 2.4×24×97.5×23.5	2.4	24	97.5	23.5	180.68	124.15	1.22	22.55	Stainless
ESS 2.4×24×100×24.5	2.4	24	100	24.5	186.91	124.15	1.17	22.55	Stainless
ESS 2.4×24×102.5×25.5	2.4	24	102.5	25.5	193.15	124.15	1.12	22.55	Stainless
ESS 2.4×24×105×26.5	2.4	24	105	26.5	199.38	124.15	1.08	22.55	Stainless
ESS 2.4×24×107.5×27.5	2.4	24	107.5	27.5	205.61	124.15	1.04	22.55	Stainless
ESS 2.4×24×110×28.5	2.4	24	110	28.5	211.84	124.15	1	22.55	Stainless
ESS 2.4×24×112.5×29.5	2.4	24	112.5	29.5	218.07	124.15	0.96	22.55	Stainless
ESS 2.4×24×115×30.5	2.4	24	115	30.5	224.3	124.15	0.93	22.55	Stainless
ESM 2.5×24×67.5×10.5	2.5	24	67.5	10.5	102.18	162.22	3.91	26.7	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×24×70×11.5	2.5	24	70	11.5	108.01	162.22	3.57	26.7	Carbon
ESM 2.5×24×72.5×12.5	2.5	24	72.5	12.5	113.85	162.22	3.28	26.7	Carbon
ESM 2.5×24×75×13.5	2.5	24	75	13.5	119.68	162.22	3.03	26.7	Carbon
ESM 2.5×24×77.5×14.5	2.5	24	77.5	14.5	125.51	162.22	2.82	26.7	Carbon
ESM 2.5×24×80×15.5	2.5	24	80	15.5	131.35	162.22	2.64	26.7	Carbon
ESM 2.5×24×82.5×16.5	2.5	24	82.5	16.5	137.18	162.22	2.48	26.7	Carbon
ESM 2.5×24×85×17.5	2.5	24	85	17.5	143.02	162.22	2.34	26.7	Carbon
ESM 2.5×24×87.5×18.5	2.5	24	87.5	18.5	148.85	162.22	2.21	26.7	Carbon
ESM 2.5×24×90×19.5	2.5	24	90	19.5	154.69	162.22	2.1	26.7	Carbon
ESM 2.5×24×92.5×20.5	2.5	24	92.5	20.5	160.52	162.22	1.99	26.7	Carbon
ESM 2.5×24×95×21.5	2.5	24	95	21.5	166.35	162.22	1.9	26.7	Carbon
ESM 2.5×24×97.5×22.5	2.5	24	97.5	22.5	172.19	162.22	1.81	26.7	Carbon
ESM 2.5×24×100×23.5	2.5	24	100	23.5	178.02	162.22	1.74	26.7	Carbon
ESM 2.5×24×102.5×24.5	2.5	24	102.5	24.5	183.86	162.22	1.67	26.7	Carbon
ESM 2.5×24×105×25.5	2.5	24	105	25.5	189.69	162.22	1.6	26.7	Carbon
ESM 2.5×24×107.5×26.5	2.5	24	107.5	26.5	195.53	162.22	1.54	26.7	Carbon
ESM 2.5×24×110×27.5	2.5	24	110	27.5	201.36	162.22	1.48	26.7	Carbon
ESM 2.5×24×112.5×28.5	2.5	24	112.5	28.5	207.19	162.22	1.43	26.7	Carbon
ESM 2.5×24×115×29.5	2.5	24	115	29.5	213.03	162.22	1.38	26.7	Carbon
ESS 2.5×24×67.5×10.5	2.5	24	67.5	10.5	102.23	139.8	3.26	26.7	Stainless
ESS 2.5×24×70×11.5	2.5	24	70	11.5	108.07	139.8	2.97	26.7	Stainless
ESS 2.5×24×72.5×12.5	2.5	24	72.5	12.5	113.91	139.8	2.73	26.7	Stainless
ESS 2.5×24×75×13.5	2.5	24	75	13.5	119.75	139.8	2.53	26.7	Stainless
ESS 2.5×24×77.5×14.5	2.5	24	77.5	14.5	125.59	139.8	2.35	26.7	Stainless
ESS 2.5×24×80×15.5	2.5	24	80	15.5	131.43	139.8	2.2	26.7	Stainless
ESS 2.5×24×82.5×16.5	2.5	24	82.5	16.5	137.27	139.8	2.07	26.7	Stainless
ESS 2.5×24×85×17.5	2.5	24	85	17.5	143.11	139.8	1.95	26.7	Stainless
ESS 2.5×24×87.5×18.5	2.5	24	87.5	18.5	148.94	139.8	1.84	26.7	Stainless
ESS 2.5×24×90×19.5	2.5	24	90	19.5	154.78	139.8	1.75	26.7	Stainless
ESS 2.5×24×92.5×20.5	2.5	24	92.5	20.5	160.62	139.8	1.66	26.7	Stainless
ESS 2.5×24×95×21.5	2.5	24	95	21.5	166.46	139.8	1.58	26.7	Stainless
ESS 2.5×24×97.5×22.5	2.5	24	97.5	22.5	172.3	139.8	1.51	26.7	Stainless
ESS 2.5×24×100×23.5	2.5	24	100	23.5	178.14	139.8	1.45	26.7	Stainless
ESS 2.5×24×102.5×24.5	2.5	24	102.5	24.5	183.98	139.8	1.39	26.7	Stainless
ESS 2.5×24×105×25.5	2.5	24	105	25.5	189.82	139.8	1.33	26.7	Stainless

M: Carbon Steel;
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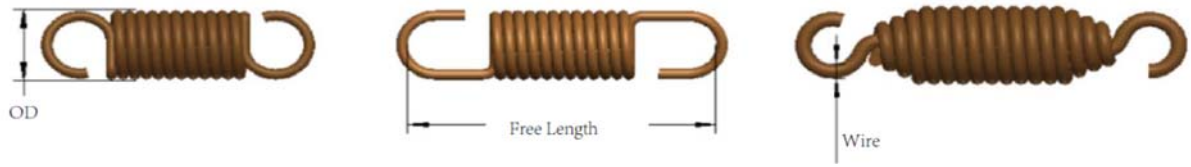
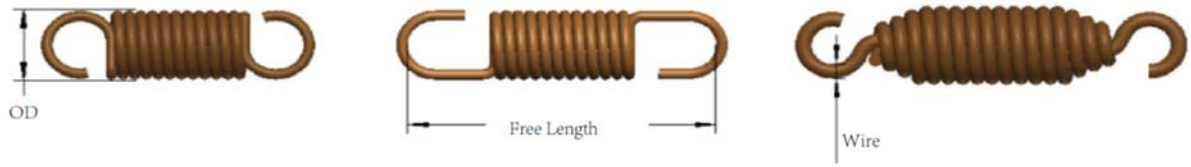
OD:Outer Diameter
Max Length - Max Load



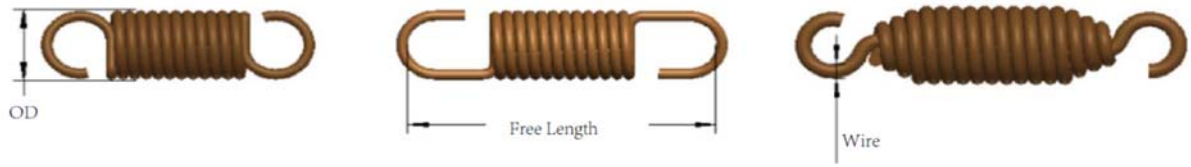
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×24×107.5×26.5	2.5	24	107.5	26.5	195.66	139.8	1.28	26.7	Stainless
ESS 2.5×24×110×27.5	2.5	24	110	27.5	201.5	139.8	1.24	26.7	Stainless
ESS 2.5×24×112.5×28.5	2.5	24	112.5	28.5	207.34	139.8	1.19	26.7	Stainless
ESS 2.5×24×115×29.5	2.5	24	115	29.5	213.18	139.8	1.15	26.7	Stainless
ESM 2.6×24×67.5×10.5	2.6	24	67.5	10.5	100.28	181.33	4.58	31.37	Carbon
ESM 2.6×24×70×11.5	2.6	24	70	11.5	105.9	181.33	4.18	31.37	Carbon
ESM 2.6×24×72.5×12.5	2.6	24	72.5	12.5	111.52	181.33	3.84	31.37	Carbon
ESM 2.6×24×75×12.5	2.6	24	75	12.5	117.14	181.33	3.56	31.37	Carbon
ESM 2.6×24×77.5×13.5	2.6	24	77.5	13.5	122.76	181.33	3.31	31.37	Carbon
ESM 2.6×24×80×14.5	2.6	24	80	14.5	128.38	181.33	3.1	31.37	Carbon
ESM 2.6×24×82.5×15.5	2.6	24	82.5	15.5	134	181.33	2.91	31.37	Carbon
ESM 2.6×24×85×16.5	2.6	24	85	16.5	139.62	181.33	2.75	31.37	Carbon
ESM 2.6×24×87.5×17.5	2.6	24	87.5	17.5	145.24	181.33	2.6	31.37	Carbon
ESM 2.6×24×90×18.5	2.6	24	90	18.5	150.86	181.33	2.46	31.37	Carbon
ESM 2.6×24×92.5×19.5	2.6	24	92.5	19.5	156.48	181.33	2.34	31.37	Carbon
ESM 2.6×24×95×20.5	2.6	24	95	20.5	162.1	181.33	2.23	31.37	Carbon
ESM 2.6×24×97.5×21.5	2.6	24	97.5	21.5	167.72	181.33	2.14	31.37	Carbon
ESM 2.6×24×100×22.5	2.6	24	100	22.5	173.34	181.33	2.04	31.37	Carbon
ESM 2.6×24×102.5×23.5	2.6	24	102.5	23.5	178.97	181.33	1.96	31.37	Carbon
ESM 2.6×24×105×24.5	2.6	24	105	24.5	184.59	181.33	1.88	31.37	Carbon
ESM 2.6×24×107.5×25.5	2.6	24	107.5	25.5	190.2	181.33	1.81	31.37	Carbon
ESM 2.6×24×110×26.5	2.6	24	110	26.5	195.83	181.33	1.75	31.37	Carbon
ESM 2.6×24×112.5×27.5	2.6	24	112.5	27.5	201.45	181.33	1.69	31.37	Carbon
ESM 2.6×24×115×28.5	2.6	24	115	28.5	207.07	181.33	1.63	31.37	Carbon
ESS 2.6×24×67.5×10.5	2.6	24	67.5	10.5	98.99	156.66	3.98	31.37	Stainless
ESS 2.6×24×70×11.5	2.6	24	70	11.5	104.49	156.66	3.63	31.37	Stainless
ESS 2.6×24×72.5×12.5	2.6	24	72.5	12.5	109.99	156.66	3.34	31.37	Stainless
ESS 2.6×24×75×12.5	2.6	24	75	12.5	115.49	156.66	3.09	31.37	Stainless
ESS 2.6×24×77.5×13.5	2.6	24	77.5	13.5	120.99	156.66	2.88	31.37	Stainless
ESS 2.6×24×80×14.5	2.6	24	80	14.5	126.49	156.66	2.7	31.37	Stainless
ESS 2.6×24×82.5×15.5	2.6	24	82.5	15.5	131.98	156.66	2.53	31.37	Stainless
ESS 2.6×24×85×16.5	2.6	24	85	16.5	137.48	156.66	2.39	31.37	Stainless
ESS 2.6×24×87.5×17.5	2.6	24	87.5	17.5	142.98	156.66	2.26	31.37	Stainless
ESS 2.6×24×90×18.5	2.6	24	90	18.5	148.48	156.66	2.14	31.37	Stainless
ESS 2.6×24×92.5×19.5	2.6	24	92.5	19.5	153.98	156.66	2.04	31.37	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



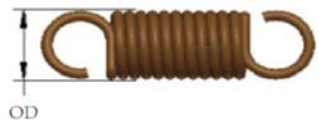
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×24×95×20.5	2.6	24	95	20.5	159.48	156.66	1.94	31.37	Stainless
ESS 2.6×24×97.5×21.5	2.6	24	97.5	21.5	164.97	156.66	1.86	31.37	Stainless
ESS 2.6×24×100×22.5	2.6	24	100	22.5	170.47	156.66	1.78	31.37	Stainless
ESS 2.6×24×102.5×23.5	2.6	24	102.5	23.5	175.97	156.66	1.71	31.37	Stainless
ESS 2.6×24×105×24.5	2.6	24	105	24.5	181.47	156.66	1.64	31.37	Stainless
ESS 2.6×24×107.5×25.5	2.6	24	107.5	25.5	186.97	156.66	1.58	31.37	Stainless
ESS 2.6×24×110×26.5	2.6	24	110	26.5	192.47	156.66	1.52	31.37	Stainless
ESS 2.6×24×112.5×27.5	2.6	24	112.5	27.5	197.97	156.66	1.47	31.37	Stainless
ESS 2.6×24×115×28.5	2.6	24	115	28.5	203.46	156.66	1.42	31.37	Stainless
ESM 2.7×24×70×10.5	2.7	24	70	10.5	102.73	202.52	5.07	36.58	Carbon
ESM 2.7×24×72.5×11.5	2.7	24	72.5	11.5	108.05	202.52	4.67	36.58	Carbon
ESM 2.7×24×75×12.5	2.7	24	75	12.5	113.36	202.52	4.33	36.58	Carbon
ESM 2.7×24×77.5×13.5	2.7	24	77.5	13.5	118.68	202.52	4.03	36.58	Carbon
ESM 2.7×24×80×14.5	2.7	24	80	14.5	124	202.52	3.77	36.58	Carbon
ESM 2.7×24×82.5×15.5	2.7	24	82.5	15.5	129.32	202.52	3.54	36.58	Carbon
ESM 2.7×24×85×16.5	2.7	24	85	16.5	134.64	202.52	3.34	36.58	Carbon
ESM 2.7×24×87.5×17.5	2.7	24	87.5	17.5	139.96	202.52	3.16	36.58	Carbon
ESM 2.7×24×90×18.5	2.7	24	90	18.5	145.28	202.52	3	36.58	Carbon
ESM 2.7×24×92.5×19.5	2.7	24	92.5	19.5	150.6	202.52	2.86	36.58	Carbon
ESM 2.7×24×95×20.5	2.7	24	95	20.5	155.92	202.52	2.72	36.58	Carbon
ESM 2.7×24×97.5×20.5	2.7	24	97.5	20.5	161.24	202.52	2.6	36.58	Carbon
ESM 2.7×24×100×21.5	2.7	24	100	21.5	166.56	202.52	2.49	36.58	Carbon
ESM 2.7×24×102.5×22.5	2.7	24	102.5	22.5	171.88	202.52	2.39	36.58	Carbon
ESM 2.7×24×105×23.5	2.7	24	105	23.5	177.19	202.52	2.3	36.58	Carbon
ESM 2.7×24×107.5×24.5	2.7	24	107.5	24.5	182.51	202.52	2.21	36.58	Carbon
ESM 2.7×24×110×25.5	2.7	24	110	25.5	187.83	202.52	2.13	36.58	Carbon
ESM 2.7×24×112.5×26.5	2.7	24	112.5	26.5	193.15	202.52	2.06	36.58	Carbon
ESM 2.7×24×115×27.5	2.7	24	115	27.5	198.47	202.52	1.99	36.58	Carbon
ESM 2.7×24×117.5×28.5	2.7	24	117.5	28.5	203.79	202.52	1.92	36.58	Carbon
ESS 2.7×24×70×10.5	2.7	24	70	10.5	101.34	174.76	4.41	36.58	Stainless
ESS 2.7×24×72.5×11.5	2.7	24	72.5	11.5	106.54	174.76	4.06	36.58	Stainless
ESS 2.7×24×75×12.5	2.7	24	75	12.5	111.74	174.76	3.76	36.58	Stainless
ESS 2.7×24×77.5×13.5	2.7	24	77.5	13.5	116.94	174.76	3.5	36.58	Stainless
ESS 2.7×24×80×14.5	2.7	24	80	14.5	122.14	174.76	3.28	36.58	Stainless
ESS 2.7×24×82.5×15.5	2.7	24	82.5	15.5	127.34	174.76	3.08	36.58	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×24×85×16.5	2.7	24	85	16.5	132.54	174.76	2.91	36.58	Stainless
ESS 2.7×24×87.5×17.5	2.7	24	87.5	17.5	137.74	174.76	2.75	36.58	Stainless
ESS 2.7×24×90×18.5	2.7	24	90	18.5	142.94	174.76	2.61	36.58	Stainless
ESS 2.7×24×92.5×19.5	2.7	24	92.5	19.5	148.14	174.76	2.48	36.58	Stainless
ESS 2.7×24×95×20.5	2.7	24	95	20.5	153.34	174.76	2.37	36.58	Stainless
ESS 2.7×24×97.5×20.5	2.7	24	97.5	20.5	158.54	174.76	2.26	36.58	Stainless
ESS 2.7×24×100×21.5	2.7	24	100	21.5	163.74	174.76	2.17	36.58	Stainless
ESS 2.7×24×102.5×22.5	2.7	24	102.5	22.5	168.94	174.76	2.08	36.58	Stainless
ESS 2.7×24×105×23.5	2.7	24	105	23.5	174.14	174.76	2	36.58	Stainless
ESS 2.7×24×107.5×24.5	2.7	24	107.5	24.5	179.34	174.76	1.92	36.58	Stainless
ESS 2.7×24×110×25.5	2.7	24	110	25.5	184.54	174.76	1.85	36.58	Stainless
ESS 2.7×24×112.5×26.5	2.7	24	112.5	26.5	189.74	174.76	1.79	36.58	Stainless
ESS 2.7×24×115×27.5	2.7	24	115	27.5	194.94	174.76	1.73	36.58	Stainless
ESS 2.7×24×117.5×28.5	2.7	24	117.5	28.5	200.14	174.76	1.67	36.58	Stainless
ESM 2.8×24×70×10.5	2.8	24	70	10.5	99.91	225.25	6.11	42.38	Carbon
ESM 2.8×24×72.5×11.5	2.8	24	72.5	11.5	104.97	225.25	5.63	42.38	Carbon
ESM 2.8×24×75×12.5	2.8	24	75	12.5	110.02	225.25	5.22	42.38	Carbon
ESM 2.8×24×77.5×13.5	2.8	24	77.5	13.5	115.07	225.25	4.87	42.38	Carbon
ESM 2.8×24×80×14.5	2.8	24	80	14.5	120.13	225.25	4.56	42.38	Carbon
ESM 2.8×24×82.5×14.5	2.8	24	82.5	14.5	125.18	225.25	4.28	42.38	Carbon
ESM 2.8×24×85×15.5	2.8	24	85	15.5	130.24	225.25	4.04	42.38	Carbon
ESM 2.8×24×87.5×16.5	2.8	24	87.5	16.5	135.29	225.25	3.83	42.38	Carbon
ESM 2.8×24×90×17.5	2.8	24	90	17.5	140.35	225.25	3.63	42.38	Carbon
ESM 2.8×24×92.5×18.5	2.8	24	92.5	18.5	145.4	225.25	3.46	42.38	Carbon
ESM 2.8×24×95×19.5	2.8	24	95	19.5	150.45	225.25	3.3	42.38	Carbon
ESM 2.8×24×97.5×20.5	2.8	24	97.5	20.5	155.51	225.25	3.15	42.38	Carbon
ESM 2.8×24×100×21.5	2.8	24	100	21.5	160.56	225.25	3.02	42.38	Carbon
ESM 2.8×24×102.5×22.5	2.8	24	102.5	22.5	165.62	225.25	2.9	42.38	Carbon
ESM 2.8×24×105×22.5	2.8	24	105	22.5	170.67	225.25	2.78	42.38	Carbon
ESM 2.8×24×107.5×23.5	2.8	24	107.5	23.5	175.72	225.25	2.68	42.38	Carbon
ESM 2.8×24×110×24.5	2.8	24	110	24.5	180.78	225.25	2.58	42.38	Carbon
ESM 2.8×24×112.5×25.5	2.8	24	112.5	25.5	185.83	225.25	2.49	42.38	Carbon
ESM 2.8×24×115×26.5	2.8	24	115	26.5	190.89	225.25	2.41	42.38	Carbon
ESM 2.8×24×117.5×27.5	2.8	24	117.5	27.5	195.94	225.25	2.33	42.38	Carbon
ESS 2.8×24×70×10.5	2.8	24	70	10.5	98.55	194.15	5.32	42.38	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

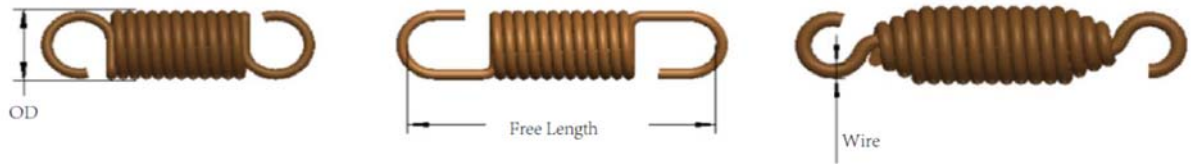






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×24×72.5×11.5	2.8	24	72.5	11.5	103.49	194.15	4.9	42.38	Stainless
ESS 2.8×24×75×12.5	2.8	24	75	12.5	108.43	194.15	4.54	42.38	Stainless
ESS 2.8×24×77.5×13.5	2.8	24	77.5	13.5	113.36	194.15	4.23	42.38	Stainless
ESS 2.8×24×80×14.5	2.8	24	80	14.5	118.3	194.15	3.96	42.38	Stainless
ESS 2.8×24×82.5×14.5	2.8	24	82.5	14.5	123.24	194.15	3.73	42.38	Stainless
ESS 2.8×24×85×15.5	2.8	24	85	15.5	128.18	194.15	3.52	42.38	Stainless
ESS 2.8×24×87.5×16.5	2.8	24	87.5	16.5	133.11	194.15	3.33	42.38	Stainless
ESS 2.8×24×90×17.5	2.8	24	90	17.5	138.05	194.15	3.16	42.38	Stainless
ESS 2.8×24×92.5×18.5	2.8	24	92.5	18.5	142.99	194.15	3.01	42.38	Stainless
ESS 2.8×24×95×19.5	2.8	24	95	19.5	147.93	194.15	2.87	42.38	Stainless
ESS 2.8×24×97.5×20.5	2.8	24	97.5	20.5	152.86	194.15	2.74	42.38	Stainless
ESS 2.8×24×100×21.5	2.8	24	100	21.5	157.8	194.15	2.63	42.38	Stainless
ESS 2.8×24×102.5×22.5	2.8	24	102.5	22.5	162.74	194.15	2.52	42.38	Stainless
ESS 2.8×24×105×22.5	2.8	24	105	22.5	167.68	194.15	2.42	42.38	Stainless
ESS 2.8×24×107.5×23.5	2.8	24	107.5	23.5	172.61	194.15	2.33	42.38	Stainless
ESS 2.8×24×110×24.5	2.8	24	110	24.5	177.55	194.15	2.25	42.38	Stainless
ESS 2.8×24×112.5×25.5	2.8	24	112.5	25.5	182.49	194.15	2.17	42.38	Stainless
ESS 2.8×24×115×26.5	2.8	24	115	26.5	187.43	194.15	2.1	42.38	Stainless
ESS 2.8×24×117.5×27.5	2.8	24	117.5	27.5	192.36	194.15	2.03	42.38	Stainless
ESM 2.9×24×70×10.5	2.9	24	70	10.5	97.28	248.62	7.32	48.8	Carbon
ESM 2.9×24×72.5×11.5	2.9	24	72.5	11.5	102.09	248.62	6.75	48.8	Carbon
ESM 2.9×24×75×11.5	2.9	24	75	11.5	106.9	248.62	6.26	48.8	Carbon
ESM 2.9×24×77.5×12.5	2.9	24	77.5	12.5	111.71	248.62	5.84	48.8	Carbon
ESM 2.9×24×80×13.5	2.9	24	80	13.5	116.52	248.62	5.47	48.8	Carbon
ESM 2.9×24×82.5×14.5	2.9	24	82.5	14.5	121.32	248.62	5.15	48.8	Carbon
ESM 2.9×24×85×15.5	2.9	24	85	15.5	126.13	248.62	4.86	48.8	Carbon
ESM 2.9×24×87.5×16.5	2.9	24	87.5	16.5	130.94	248.62	4.6	48.8	Carbon
ESM 2.9×24×90×17.5	2.9	24	90	17.5	135.75	248.62	4.37	48.8	Carbon
ESM 2.9×24×92.5×17.5	2.9	24	92.5	17.5	140.56	248.62	4.16	48.8	Carbon
ESM 2.9×24×95×18.5	2.9	24	95	18.5	145.37	248.62	3.97	48.8	Carbon
ESM 2.9×24×97.5×19.5	2.9	24	97.5	19.5	150.18	248.62	3.79	48.8	Carbon
ESM 2.9×24×100×20.5	2.9	24	100	20.5	154.99	248.62	3.63	48.8	Carbon
ESM 2.9×24×102.5×21.5	2.9	24	102.5	21.5	159.79	248.62	3.49	48.8	Carbon
ESM 2.9×24×105×22.5	2.9	24	105	22.5	164.6	248.62	3.35	48.8	Carbon
ESM 2.9×24×107.5×23.5	2.9	24	107.5	23.5	169.41	248.62	3.23	48.8	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×24×110×23.5	2.9	24	110	23.5	174.22	248.62	3.11	48.8	Carbon
ESM 2.9×24×112.5×24.5	2.9	24	112.5	24.5	179.03	248.62	3	48.8	Carbon
ESM 2.9×24×115×25.5	2.9	24	115	25.5	183.84	248.62	2.9	48.8	Carbon
ESM 2.9×24×117.5×26.5	2.9	24	117.5	26.5	188.65	248.62	2.81	48.8	Carbon
ESS 2.9×24×70×10.5	2.9	24	70	10.5	96.07	214.85	6.37	48.8	Stainless
ESS 2.9×24×72.5×11.5	2.9	24	72.5	11.5	100.78	214.85	5.87	48.8	Stainless
ESS 2.9×24×75×11.5	2.9	24	75	11.5	105.48	214.85	5.45	48.8	Stainless
ESS 2.9×24×77.5×12.5	2.9	24	77.5	12.5	110.19	214.85	5.08	48.8	Stainless
ESS 2.9×24×80×13.5	2.9	24	80	13.5	114.89	214.85	4.76	48.8	Stainless
ESS 2.9×24×82.5×14.5	2.9	24	82.5	14.5	119.6	214.85	4.48	48.8	Stainless
ESS 2.9×24×85×15.5	2.9	24	85	15.5	124.31	214.85	4.22	48.8	Stainless
ESS 2.9×24×87.5×16.5	2.9	24	87.5	16.5	129.01	214.85	4	48.8	Stainless
ESS 2.9×24×90×17.5	2.9	24	90	17.5	133.72	214.85	3.8	48.8	Stainless
ESS 2.9×24×92.5×17.5	2.9	24	92.5	17.5	138.43	214.85	3.62	48.8	Stainless
ESS 2.9×24×95×18.5	2.9	24	95	18.5	143.13	214.85	3.45	48.8	Stainless
ESS 2.9×24×97.5×19.5	2.9	24	97.5	19.5	147.84	214.85	3.3	48.8	Stainless
ESS 2.9×24×100×20.5	2.9	24	100	20.5	152.54	214.85	3.16	48.8	Stainless
ESS 2.9×24×102.5×21.5	2.9	24	102.5	21.5	157.25	214.85	3.03	48.8	Stainless
ESS 2.9×24×105×22.5	2.9	24	105	22.5	161.96	214.85	2.92	48.8	Stainless
ESS 2.9×24×107.5×23.5	2.9	24	107.5	23.5	166.67	214.85	2.81	48.8	Stainless
ESS 2.9×24×110×23.5	2.9	24	110	23.5	171.37	214.85	2.71	48.8	Stainless
ESS 2.9×24×112.5×24.5	2.9	24	112.5	24.5	176.08	214.85	2.61	48.8	Stainless
ESS 2.9×24×115×25.5	2.9	24	115	25.5	180.78	214.85	2.52	48.8	Stainless
ESS 2.9×24×117.5×26.5	2.9	24	117.5	26.5	185.49	214.85	2.44	48.8	Stainless
ESM 3×24×70×9.5	3	24	70	9.5	95.05	274.46	8.73	55.88	Carbon
ESM 3×24×72.5×10.5	3	24	72.5	10.5	99.65	274.46	8.05	55.88	Carbon
ESM 3×24×75×11.5	3	24	75	11.5	104.25	274.46	7.47	55.88	Carbon
ESM 3×24×77.5×12.5	3	24	77.5	12.5	108.86	274.46	6.97	55.88	Carbon
ESM 3×24×80×13.5	3	24	80	13.5	113.46	274.46	6.53	55.88	Carbon
ESM 3×24×82.5×14.5	3	24	82.5	14.5	118.06	274.46	6.15	55.88	Carbon
ESM 3×24×85×14.5	3	24	85	14.5	122.66	274.46	5.8	55.88	Carbon
ESM 3×24×87.5×15.5	3	24	87.5	15.5	127.26	274.46	5.5	55.88	Carbon
ESM 3×24×90×16.5	3	24	90	16.5	131.86	274.46	5.22	55.88	Carbon
ESM 3×24×92.5×17.5	3	24	92.5	17.5	136.47	274.46	4.97	55.88	Carbon
ESM 3×24×95×18.5	3	24	95	18.5	141.07	274.46	4.74	55.88	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

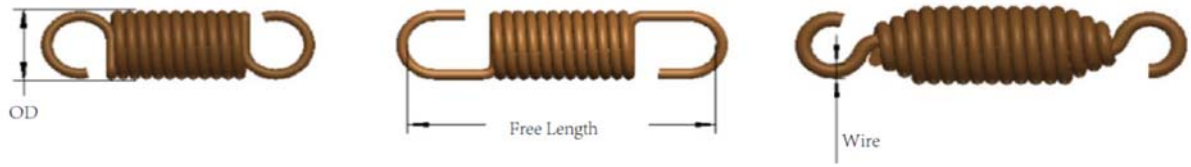






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×24×97.5×19.5	3	24	97.5	19.5	145.67	274.46	4.54	55.88	Carbon
ESM 3×24×100×19.5	3	24	100	19.5	150.27	274.46	4.35	55.88	Carbon
ESM 3×24×102.5×20.5	3	24	102.5	20.5	154.87	274.46	4.17	55.88	Carbon
ESM 3×24×105×21.5	3	24	105	21.5	159.47	274.46	4.01	55.88	Carbon
ESM 3×24×107.5×22.5	3	24	107.5	22.5	164.08	274.46	3.86	55.88	Carbon
ESM 3×24×110×23.5	3	24	110	23.5	168.68	274.46	3.73	55.88	Carbon
ESM 3×24×112.5×24.5	3	24	112.5	24.5	173.28	274.46	3.6	55.88	Carbon
ESM 3×24×115×24.5	3	24	115	24.5	177.88	274.46	3.48	55.88	Carbon
ESM 3×24×117.5×25.5	3	24	117.5	25.5	182.48	274.46	3.36	55.88	Carbon
ESS 3×24×70×9.5	3	24	70	9.5	93.86	236.89	7.59	55.88	Stainless
ESS 3×24×72.5×10.5	3	24	72.5	10.5	98.36	236.89	7	55.88	Stainless
ESS 3×24×75×11.5	3	24	75	11.5	102.86	236.89	6.5	55.88	Stainless
ESS 3×24×77.5×12.5	3	24	77.5	12.5	107.36	236.89	6.06	55.88	Stainless
ESS 3×24×80×13.5	3	24	80	13.5	111.86	236.89	5.68	55.88	Stainless
ESS 3×24×82.5×14.5	3	24	82.5	14.5	116.36	236.89	5.35	55.88	Stainless
ESS 3×24×85×14.5	3	24	85	14.5	120.87	236.89	5.05	55.88	Stainless
ESS 3×24×87.5×15.5	3	24	87.5	15.5	125.37	236.89	4.78	55.88	Stainless
ESS 3×24×90×16.5	3	24	90	16.5	129.87	236.89	4.54	55.88	Stainless
ESS 3×24×92.5×17.5	3	24	92.5	17.5	134.37	236.89	4.32	55.88	Stainless
ESS 3×24×95×18.5	3	24	95	18.5	138.87	236.89	4.13	55.88	Stainless
ESS 3×24×97.5×19.5	3	24	97.5	19.5	143.37	236.89	3.95	55.88	Stainless
ESS 3×24×100×19.5	3	24	100	19.5	147.87	236.89	3.78	55.88	Stainless
ESS 3×24×102.5×20.5	3	24	102.5	20.5	152.38	236.89	3.63	55.88	Stainless
ESS 3×24×105×21.5	3	24	105	21.5	156.88	236.89	3.49	55.88	Stainless
ESS 3×24×107.5×22.5	3	24	107.5	22.5	161.38	236.89	3.36	55.88	Stainless
ESS 3×24×110×23.5	3	24	110	23.5	165.88	236.89	3.24	55.88	Stainless
ESS 3×24×112.5×24.5	3	24	112.5	24.5	170.38	236.89	3.13	55.88	Stainless
ESS 3×24×115×24.5	3	24	115	24.5	174.88	236.89	3.02	55.88	Stainless
ESS 3×24×117.5×25.5	3	24	117.5	25.5	179.39	236.89	2.93	55.88	Stainless
ESM 1.7×25×65×11.5	1.7	25	65	11.5	141.32	50.15	0.6	4.53	Carbon
ESM 1.7×25×67.5×12.5	1.7	25	67.5	12.5	153.65	50.15	0.53	4.53	Carbon
ESM 1.7×25×70×14.5	1.7	25	70	14.5	165.97	50.15	0.48	4.53	Carbon
ESM 1.7×25×72.5×15.5	1.7	25	72.5	15.5	178.29	50.15	0.43	4.53	Carbon
ESM 1.7×25×75×17.5	1.7	25	75	17.5	190.63	50.15	0.39	4.53	Carbon
ESM 1.7×25×77.5×18.5	1.7	25	77.5	18.5	202.95	50.15	0.36	4.53	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×25×80×20.5	1.7	25	80	20.5	215.28	50.15	0.34	4.53	Carbon
ESM 1.7×25×82.5×21.5	1.7	25	82.5	21.5	227.59	50.15	0.31	4.53	Carbon
ESM 1.7×25×85×23.5	1.7	25	85	23.5	239.94	50.15	0.29	4.53	Carbon
ESM 1.7×25×87.5×24.5	1.7	25	87.5	24.5	252.23	50.15	0.28	4.53	Carbon
ESM 1.7×25×90×26.5	1.7	25	90	26.5	264.57	50.15	0.26	4.53	Carbon
ESM 1.7×25×92.5×27.5	1.7	25	92.5	27.5	276.88	50.15	0.25	4.53	Carbon
ESM 1.7×25×95×29.5	1.7	25	95	29.5	289.19	50.15	0.23	4.53	Carbon
ESM 1.7×25×97.5×30.5	1.7	25	97.5	30.5	301.5	50.15	0.22	4.53	Carbon
ESM 1.7×25×100×32.5	1.7	25	100	32.5	313.85	50.15	0.21	4.53	Carbon
ESM 1.7×25×102.5×33.5	1.7	25	102.5	33.5	326.21	50.15	0.2	4.53	Carbon
ESM 1.7×25×105×34.5	1.7	25	105	34.5	338.56	50.15	0.2	4.53	Carbon
ESM 1.7×25×107.5×36.5	1.7	25	107.5	36.5	350.78	50.15	0.19	4.53	Carbon
ESM 1.7×25×110×37.5	1.7	25	110	37.5	363.13	50.15	0.18	4.53	Carbon
ESM 1.7×25×112.5×39.5	1.7	25	112.5	39.5	375.56	50.15	0.17	4.53	Carbon
ESS 1.7×25×65×11.5	1.7	25	65	11.5	142.83	43.3	0.5	4.53	Stainless
ESS 1.7×25×67.5×12.5	1.7	25	67.5	12.5	155.35	43.3	0.44	4.53	Stainless
ESS 1.7×25×70×14.5	1.7	25	70	14.5	167.88	43.3	0.4	4.53	Stainless
ESS 1.7×25×72.5×15.5	1.7	25	72.5	15.5	180.4	43.3	0.36	4.53	Stainless
ESS 1.7×25×75×17.5	1.7	25	75	17.5	192.91	43.3	0.33	4.53	Stainless
ESS 1.7×25×77.5×18.5	1.7	25	77.5	18.5	205.45	43.3	0.3	4.53	Stainless
ESS 1.7×25×80×20.5	1.7	25	80	20.5	217.97	43.3	0.28	4.53	Stainless
ESS 1.7×25×82.5×21.5	1.7	25	82.5	21.5	230.47	43.3	0.26	4.53	Stainless
ESS 1.7×25×85×23.5	1.7	25	85	23.5	242.98	43.3	0.25	4.53	Stainless
ESS 1.7×25×87.5×24.5	1.7	25	87.5	24.5	255.55	43.3	0.23	4.53	Stainless
ESS 1.7×25×90×26.5	1.7	25	90	26.5	268	43.3	0.22	4.53	Stainless
ESS 1.7×25×92.5×27.5	1.7	25	92.5	27.5	280.61	43.3	0.21	4.53	Stainless
ESS 1.7×25×95×29.5	1.7	25	95	29.5	293.1	43.3	0.2	4.53	Stainless
ESS 1.7×25×97.5×30.5	1.7	25	97.5	30.5	305.6	43.3	0.19	4.53	Stainless
ESS 1.7×25×100×32.5	1.7	25	100	32.5	318.17	43.3	0.18	4.53	Stainless
ESS 1.7×25×102.5×33.5	1.7	25	102.5	33.5	330.69	43.3	0.17	4.53	Stainless
ESS 1.7×25×105×34.5	1.7	25	105	34.5	343.14	43.3	0.16	4.53	Stainless
ESS 1.7×25×107.5×36.5	1.7	25	107.5	36.5	355.7	43.3	0.16	4.53	Stainless
ESS 1.7×25×110×37.5	1.7	25	110	37.5	368.29	43.3	0.15	4.53	Stainless
ESS 1.7×25×112.5×39.5	1.7	25	112.5	39.5	380.8	43.3	0.14	4.53	Stainless
ESM 1.8×25×65×10.5	1.8	25	65	10.5	132.27	59.38	0.8	5.89	Carbon

M: Carbon Steel;
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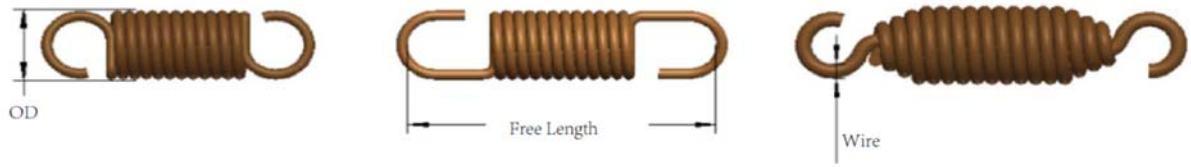
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×25×67.5×12.5	1.8	25	67.5	12.5	143.32	59.38	0.71	5.89	Carbon
ESM 1.8×25×70×13.5	1.8	25	70	13.5	154.37	59.38	0.63	5.89	Carbon
ESM 1.8×25×72.5×15.5	1.8	25	72.5	15.5	165.41	59.38	0.58	5.89	Carbon
ESM 1.8×25×75×16.5	1.8	25	75	16.5	176.46	59.38	0.53	5.89	Carbon
ESM 1.8×25×77.5×17.5	1.8	25	77.5	17.5	187.51	59.38	0.49	5.89	Carbon
ESM 1.8×25×80×19.5	1.8	25	80	19.5	198.55	59.38	0.45	5.89	Carbon
ESM 1.8×25×82.5×20.5	1.8	25	82.5	20.5	209.58	59.38	0.42	5.89	Carbon
ESM 1.8×25×85×22.5	1.8	25	85	22.5	220.65	59.38	0.39	5.89	Carbon
ESM 1.8×25×87.5×23.5	1.8	25	87.5	23.5	231.67	59.38	0.37	5.89	Carbon
ESM 1.8×25×90×24.5	1.8	25	90	24.5	242.74	59.38	0.35	5.89	Carbon
ESM 1.8×25×92.5×26.5	1.8	25	92.5	26.5	253.76	59.38	0.33	5.89	Carbon
ESM 1.8×25×95×27.5	1.8	25	95	27.5	264.81	59.38	0.32	5.89	Carbon
ESM 1.8×25×97.5×28.5	1.8	25	97.5	28.5	275.85	59.38	0.3	5.89	Carbon
ESM 1.8×25×100×30.5	1.8	25	100	30.5	286.89	59.38	0.29	5.89	Carbon
ESM 1.8×25×102.5×31.5	1.8	25	102.5	31.5	297.93	59.38	0.27	5.89	Carbon
ESM 1.8×25×105×33.5	1.8	25	105	33.5	309	59.38	0.26	5.89	Carbon
ESM 1.8×25×107.5×34.5	1.8	25	107.5	34.5	320.09	59.38	0.25	5.89	Carbon
ESM 1.8×25×110×35.5	1.8	25	110	35.5	331.12	59.38	0.24	5.89	Carbon
ESM 1.8×25×112.5×37.5	1.8	25	112.5	37.5	342.16	59.38	0.23	5.89	Carbon
ESS 1.8×25×65×10.5	1.8	25	65	10.5	133.41	51.21	0.66	5.89	Stainless
ESS 1.8×25×67.5×12.5	1.8	25	67.5	12.5	144.6	51.21	0.59	5.89	Stainless
ESS 1.8×25×70×13.5	1.8	25	70	13.5	155.8	51.21	0.53	5.89	Stainless
ESS 1.8×25×72.5×15.5	1.8	25	72.5	15.5	166.99	51.21	0.48	5.89	Stainless
ESS 1.8×25×75×16.5	1.8	25	75	16.5	178.18	51.21	0.44	5.89	Stainless
ESS 1.8×25×77.5×17.5	1.8	25	77.5	17.5	189.36	51.21	0.41	5.89	Stainless
ESS 1.8×25×80×19.5	1.8	25	80	19.5	200.55	51.21	0.38	5.89	Stainless
ESS 1.8×25×82.5×20.5	1.8	25	82.5	20.5	211.75	51.21	0.35	5.89	Stainless
ESS 1.8×25×85×22.5	1.8	25	85	22.5	222.94	51.21	0.33	5.89	Stainless
ESS 1.8×25×87.5×23.5	1.8	25	87.5	23.5	234.14	51.21	0.31	5.89	Stainless
ESS 1.8×25×90×24.5	1.8	25	90	24.5	245.34	51.21	0.29	5.89	Stainless
ESS 1.8×25×92.5×26.5	1.8	25	92.5	26.5	256.49	51.21	0.28	5.89	Stainless
ESS 1.8×25×95×27.5	1.8	25	95	27.5	267.67	51.21	0.26	5.89	Stainless
ESS 1.8×25×97.5×28.5	1.8	25	97.5	28.5	278.88	51.21	0.25	5.89	Stainless
ESS 1.8×25×100×30.5	1.8	25	100	30.5	290.05	51.21	0.24	5.89	Stainless
ESS 1.8×25×102.5×31.5	1.8	25	102.5	31.5	301.3	51.21	0.23	5.89	Stainless

M: Carbon Steel;
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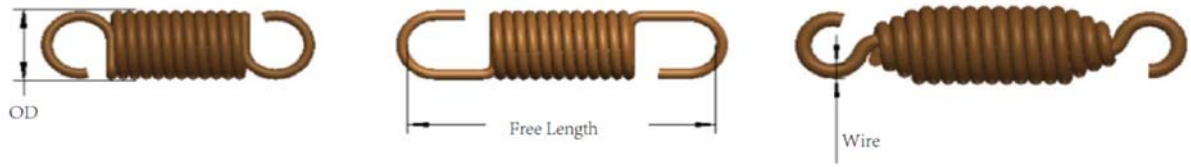
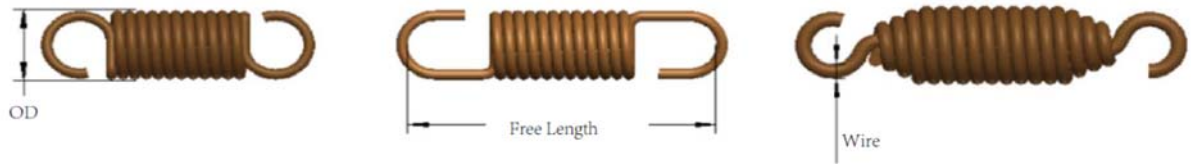
Max Length - Max Load



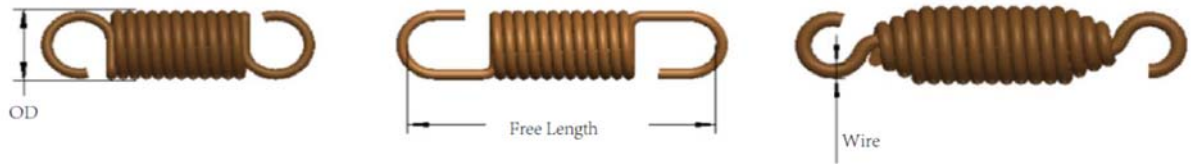
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.8×25×105×33.5	1.8	25	105	33.5	312.45	51.21	0.22	5.89	Stainless
ESS 1.8×25×107.5×34.5	1.8	25	107.5	34.5	323.65	51.21	0.21	5.89	Stainless
ESS 1.8×25×110×35.5	1.8	25	110	35.5	334.84	51.21	0.2	5.89	Stainless
ESS 1.8×25×112.5×37.5	1.8	25	112.5	37.5	346.02	51.21	0.19	5.89	Stainless
ESM 1.9×25×65×10.5	1.9	25	65	10.5	124.42	69.41	1.04	7.51	Carbon
ESM 1.9×25×67.5×11.5	1.9	25	67.5	11.5	134.37	69.41	0.93	7.51	Carbon
ESM 1.9×25×70×13.5	1.9	25	70	13.5	144.32	69.41	0.83	7.51	Carbon
ESM 1.9×25×72.5×14.5	1.9	25	72.5	14.5	154.27	69.41	0.76	7.51	Carbon
ESM 1.9×25×75×15.5	1.9	25	75	15.5	164.22	69.41	0.69	7.51	Carbon
ESM 1.9×25×77.5×17.5	1.9	25	77.5	17.5	174.18	69.41	0.64	7.51	Carbon
ESM 1.9×25×80×18.5	1.9	25	80	18.5	184.12	69.41	0.59	7.51	Carbon
ESM 1.9×25×82.5×19.5	1.9	25	82.5	19.5	194.07	69.41	0.55	7.51	Carbon
ESM 1.9×25×85×21.5	1.9	25	85	21.5	204.02	69.41	0.52	7.51	Carbon
ESM 1.9×25×87.5×22.5	1.9	25	87.5	22.5	213.98	69.41	0.49	7.51	Carbon
ESM 1.9×25×90×23.5	1.9	25	90	23.5	223.93	69.41	0.46	7.51	Carbon
ESM 1.9×25×92.5×24.5	1.9	25	92.5	24.5	233.86	69.41	0.44	7.51	Carbon
ESM 1.9×25×95×26.5	1.9	25	95	26.5	243.84	69.41	0.42	7.51	Carbon
ESM 1.9×25×97.5×27.5	1.9	25	97.5	27.5	253.78	69.41	0.4	7.51	Carbon
ESM 1.9×25×100×28.5	1.9	25	100	28.5	263.72	69.41	0.38	7.51	Carbon
ESM 1.9×25×102.5×30.5	1.9	25	102.5	30.5	273.69	69.41	0.36	7.51	Carbon
ESM 1.9×25×105×31.5	1.9	25	105	31.5	283.65	69.41	0.35	7.51	Carbon
ESM 1.9×25×107.5×32.5	1.9	25	107.5	32.5	293.56	69.41	0.33	7.51	Carbon
ESM 1.9×25×110×34.5	1.9	25	110	34.5	303.5	69.41	0.32	7.51	Carbon
ESM 1.9×25×112.5×35.5	1.9	25	112.5	35.5	313.48	69.41	0.31	7.51	Carbon
ESS 1.9×25×65×10.5	1.9	25	65	10.5	125.48	60.01	0.87	7.51	Stainless
ESS 1.9×25×67.5×11.5	1.9	25	67.5	11.5	135.56	60.01	0.77	7.51	Stainless
ESS 1.9×25×70×13.5	1.9	25	70	13.5	145.64	60.01	0.69	7.51	Stainless
ESS 1.9×25×72.5×14.5	1.9	25	72.5	14.5	155.73	60.01	0.63	7.51	Stainless
ESS 1.9×25×75×15.5	1.9	25	75	15.5	165.8	60.01	0.58	7.51	Stainless
ESS 1.9×25×77.5×17.5	1.9	25	77.5	17.5	175.89	60.01	0.53	7.51	Stainless
ESS 1.9×25×80×18.5	1.9	25	80	18.5	185.98	60.01	0.5	7.51	Stainless
ESS 1.9×25×82.5×19.5	1.9	25	82.5	19.5	196.07	60.01	0.46	7.51	Stainless
ESS 1.9×25×85×21.5	1.9	25	85	21.5	206.14	60.01	0.43	7.51	Stainless
ESS 1.9×25×87.5×22.5	1.9	25	87.5	22.5	216.21	60.01	0.41	7.51	Stainless
ESS 1.9×25×90×23.5	1.9	25	90	23.5	226.3	60.01	0.39	7.51	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



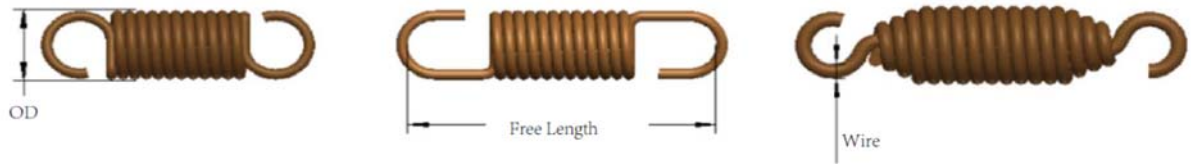
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×25×92.5×24.5	1.9	25	92.5	24.5	236.38	60.01	0.36	7.51	Stainless
ESS 1.9×25×95×26.5	1.9	25	95	26.5	246.48	60.01	0.35	7.51	Stainless
ESS 1.9×25×97.5×27.5	1.9	25	97.5	27.5	256.55	60.01	0.33	7.51	Stainless
ESS 1.9×25×100×28.5	1.9	25	100	28.5	266.62	60.01	0.32	7.51	Stainless
ESS 1.9×25×102.5×30.5	1.9	25	102.5	30.5	276.7	60.01	0.3	7.51	Stainless
ESS 1.9×25×105×31.5	1.9	25	105	31.5	286.79	60.01	0.29	7.51	Stainless
ESS 1.9×25×107.5×32.5	1.9	25	107.5	32.5	296.9	60.01	0.28	7.51	Stainless
ESS 1.9×25×110×34.5	1.9	25	110	34.5	306.93	60.01	0.27	7.51	Stainless
ESS 1.9×25×112.5×35.5	1.9	25	112.5	35.5	317.03	60.01	0.26	7.51	Stainless
ESM 2×25×67.5×11.5	2	25	67.5	11.5	127.03	80.74	1.2	9.43	Carbon
ESM 2×25×70×12.5	2	25	70	12.5	136.09	80.74	1.08	9.43	Carbon
ESM 2×25×72.5×13.5	2	25	72.5	13.5	145.14	80.74	0.98	9.43	Carbon
ESM 2×25×75×15.5	2	25	75	15.5	154.2	80.74	0.9	9.43	Carbon
ESM 2×25×77.5×16.5	2	25	77.5	16.5	163.25	80.74	0.83	9.43	Carbon
ESM 2×25×80×17.5	2	25	80	17.5	172.31	80.74	0.77	9.43	Carbon
ESM 2×25×82.5×18.5	2	25	82.5	18.5	181.36	80.74	0.72	9.43	Carbon
ESM 2×25×85×20.5	2	25	85	20.5	190.42	80.74	0.68	9.43	Carbon
ESM 2×25×87.5×21.5	2	25	87.5	21.5	199.48	80.74	0.64	9.43	Carbon
ESM 2×25×90×22.5	2	25	90	22.5	208.53	80.74	0.6	9.43	Carbon
ESM 2×25×92.5×23.5	2	25	92.5	23.5	217.58	80.74	0.57	9.43	Carbon
ESM 2×25×95×25.5	2	25	95	25.5	226.63	80.74	0.54	9.43	Carbon
ESM 2×25×97.5×26.5	2	25	97.5	26.5	235.69	80.74	0.52	9.43	Carbon
ESM 2×25×100×27.5	2	25	100	27.5	244.75	80.74	0.49	9.43	Carbon
ESM 2×25×102.5×28.5	2	25	102.5	28.5	253.83	80.74	0.47	9.43	Carbon
ESM 2×25×105×30.5	2	25	105	30.5	262.86	80.74	0.45	9.43	Carbon
ESM 2×25×107.5×31.5	2	25	107.5	31.5	271.91	80.74	0.43	9.43	Carbon
ESM 2×25×110×32.5	2	25	110	32.5	280.99	80.74	0.42	9.43	Carbon
ESM 2×25×112.5×33.5	2	25	112.5	33.5	290.04	80.74	0.4	9.43	Carbon
ESM 2×25×115×35.5	2	25	115	35.5	299.1	80.74	0.39	9.43	Carbon
ESS 2×25×67.5×11.5	2	25	67.5	11.5	127.91	69.73	1	9.43	Stainless
ESS 2×25×70×12.5	2	25	70	12.5	137.06	69.73	0.9	9.43	Stainless
ESS 2×25×72.5×13.5	2	25	72.5	13.5	146.21	69.73	0.82	9.43	Stainless
ESS 2×25×75×15.5	2	25	75	15.5	155.36	69.73	0.75	9.43	Stainless
ESS 2×25×77.5×16.5	2	25	77.5	16.5	164.51	69.73	0.69	9.43	Stainless
ESS 2×25×80×17.5	2	25	80	17.5	173.66	69.73	0.64	9.43	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



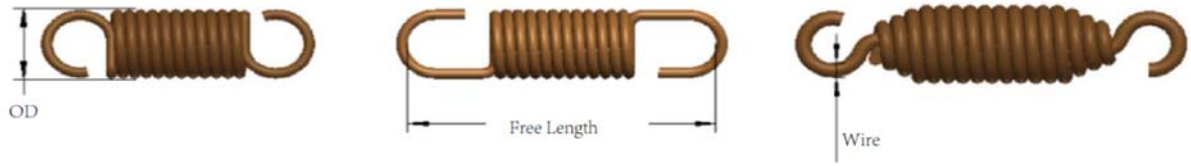
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×25×82.5×18.5	2	25	82.5	18.5	182.81	69.73	0.6	9.43	Stainless
ESS 2×25×85×20.5	2	25	85	20.5	191.97	69.73	0.56	9.43	Stainless
ESS 2×25×87.5×21.5	2	25	87.5	21.5	201.12	69.73	0.53	9.43	Stainless
ESS 2×25×90×22.5	2	25	90	22.5	210.28	69.73	0.5	9.43	Stainless
ESS 2×25×92.5×23.5	2	25	92.5	23.5	219.44	69.73	0.48	9.43	Stainless
ESS 2×25×95×25.5	2	25	95	25.5	228.57	69.73	0.45	9.43	Stainless
ESS 2×25×97.5×26.5	2	25	97.5	26.5	237.75	69.73	0.43	9.43	Stainless
ESS 2×25×100×27.5	2	25	100	27.5	246.88	69.73	0.41	9.43	Stainless
ESS 2×25×102.5×28.5	2	25	102.5	28.5	256.04	69.73	0.39	9.43	Stainless
ESS 2×25×105×30.5	2	25	105	30.5	265.18	69.73	0.38	9.43	Stainless
ESS 2×25×107.5×31.5	2	25	107.5	31.5	274.33	69.73	0.36	9.43	Stainless
ESS 2×25×110×32.5	2	25	110	32.5	283.5	69.73	0.35	9.43	Stainless
ESS 2×25×112.5×33.5	2	25	112.5	33.5	292.63	69.73	0.33	9.43	Stainless
ESS 2×25×115×35.5	2	25	115	35.5	301.83	69.73	0.32	9.43	Stainless
ESM 2.1×25×67.5×10.5	2.1	25	67.5	10.5	120.75	93.22	1.53	11.67	Carbon
ESM 2.1×25×70×12.5	2.1	25	70	12.5	129.04	93.22	1.38	11.67	Carbon
ESM 2.1×25×72.5×13.5	2.1	25	72.5	13.5	137.34	93.22	1.26	11.67	Carbon
ESM 2.1×25×75×14.5	2.1	25	75	14.5	145.64	93.22	1.15	11.67	Carbon
ESM 2.1×25×77.5×15.5	2.1	25	77.5	15.5	153.94	93.22	1.07	11.67	Carbon
ESM 2.1×25×80×16.5	2.1	25	80	16.5	162.24	93.22	0.99	11.67	Carbon
ESM 2.1×25×82.5×18.5	2.1	25	82.5	18.5	170.54	93.22	0.93	11.67	Carbon
ESM 2.1×25×85×19.5	2.1	25	85	19.5	178.83	93.22	0.87	11.67	Carbon
ESM 2.1×25×87.5×20.5	2.1	25	87.5	20.5	187.13	93.22	0.82	11.67	Carbon
ESM 2.1×25×90×21.5	2.1	25	90	21.5	195.43	93.22	0.77	11.67	Carbon
ESM 2.1×25×92.5×22.5	2.1	25	92.5	22.5	203.72	93.22	0.73	11.67	Carbon
ESM 2.1×25×95×24.5	2.1	25	95	24.5	212.03	93.22	0.7	11.67	Carbon
ESM 2.1×25×97.5×25.5	2.1	25	97.5	25.5	220.33	93.22	0.66	11.67	Carbon
ESM 2.1×25×100×26.5	2.1	25	100	26.5	228.62	93.22	0.63	11.67	Carbon
ESM 2.1×25×102.5×27.5	2.1	25	102.5	27.5	236.93	93.22	0.61	11.67	Carbon
ESM 2.1×25×105×28.5	2.1	25	105	28.5	245.21	93.22	0.58	11.67	Carbon
ESM 2.1×25×107.5×29.5	2.1	25	107.5	29.5	253.51	93.22	0.56	11.67	Carbon
ESM 2.1×25×110×31.5	2.1	25	110	31.5	261.82	93.22	0.54	11.67	Carbon
ESM 2.1×25×112.5×32.5	2.1	25	112.5	32.5	270.1	93.22	0.52	11.67	Carbon
ESM 2.1×25×115×33.5	2.1	25	115	33.5	278.41	93.22	0.5	11.67	Carbon
ESS 2.1×25×67.5×10.5	2.1	25	67.5	10.5	121.37	80.42	1.28	11.67	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×25×70×12.5	2.1	25	70	12.5	129.74	80.42	1.15	11.67	Stainless
ESS 2.1×25×72.5×13.5	2.1	25	72.5	13.5	138.1	80.42	1.05	11.67	Stainless
ESS 2.1×25×75×14.5	2.1	25	75	14.5	146.47	80.42	0.96	11.67	Stainless
ESS 2.1×25×77.5×15.5	2.1	25	77.5	15.5	154.83	80.42	0.89	11.67	Stainless
ESS 2.1×25×80×16.5	2.1	25	80	16.5	163.2	80.42	0.83	11.67	Stainless
ESS 2.1×25×82.5×18.5	2.1	25	82.5	18.5	171.56	80.42	0.77	11.67	Stainless
ESS 2.1×25×85×19.5	2.1	25	85	19.5	179.93	80.42	0.72	11.67	Stainless
ESS 2.1×25×87.5×20.5	2.1	25	87.5	20.5	188.29	80.42	0.68	11.67	Stainless
ESS 2.1×25×90×21.5	2.1	25	90	21.5	196.67	80.42	0.64	11.67	Stainless
ESS 2.1×25×92.5×22.5	2.1	25	92.5	22.5	205.03	80.42	0.61	11.67	Stainless
ESS 2.1×25×95×24.5	2.1	25	95	24.5	213.38	80.42	0.58	11.67	Stainless
ESS 2.1×25×97.5×25.5	2.1	25	97.5	25.5	221.74	80.42	0.55	11.67	Stainless
ESS 2.1×25×100×26.5	2.1	25	100	26.5	230.12	80.42	0.53	11.67	Stainless
ESS 2.1×25×102.5×27.5	2.1	25	102.5	27.5	238.49	80.42	0.51	11.67	Stainless
ESS 2.1×25×105×28.5	2.1	25	105	28.5	246.85	80.42	0.48	11.67	Stainless
ESS 2.1×25×107.5×29.5	2.1	25	107.5	29.5	255.21	80.42	0.47	11.67	Stainless
ESS 2.1×25×110×31.5	2.1	25	110	31.5	263.58	80.42	0.45	11.67	Stainless
ESS 2.1×25×112.5×32.5	2.1	25	112.5	32.5	271.95	80.42	0.43	11.67	Stainless
ESS 2.1×25×115×33.5	2.1	25	115	33.5	280.32	80.42	0.42	11.67	Stainless
ESM 2.2×25×67.5×10.5	2.2	25	67.5	10.5	115.15	106.52	1.94	14.26	Carbon
ESM 2.2×25×70×11.5	2.2	25	70	11.5	122.77	106.52	1.75	14.26	Carbon
ESM 2.2×25×72.5×12.5	2.2	25	72.5	12.5	130.41	106.52	1.59	14.26	Carbon
ESM 2.2×25×75×13.5	2.2	25	75	13.5	138.04	106.52	1.46	14.26	Carbon
ESM 2.2×25×77.5×15.5	2.2	25	77.5	15.5	145.66	106.52	1.35	14.26	Carbon
ESM 2.2×25×80×16.5	2.2	25	80	16.5	153.29	106.52	1.26	14.26	Carbon
ESM 2.2×25×82.5×17.5	2.2	25	82.5	17.5	160.93	106.52	1.18	14.26	Carbon
ESM 2.2×25×85×18.5	2.2	25	85	18.5	168.55	106.52	1.1	14.26	Carbon
ESM 2.2×25×87.5×19.5	2.2	25	87.5	19.5	176.19	106.52	1.04	14.26	Carbon
ESM 2.2×25×90×20.5	2.2	25	90	20.5	183.82	106.52	0.98	14.26	Carbon
ESM 2.2×25×92.5×21.5	2.2	25	92.5	21.5	191.45	106.52	0.93	14.26	Carbon
ESM 2.2×25×95×23.5	2.2	25	95	23.5	199.07	106.52	0.89	14.26	Carbon
ESM 2.2×25×97.5×24.5	2.2	25	97.5	24.5	206.71	106.52	0.84	14.26	Carbon
ESM 2.2×25×100×25.5	2.2	25	100	25.5	214.34	106.52	0.81	14.26	Carbon
ESM 2.2×25×102.5×26.5	2.2	25	102.5	26.5	221.96	106.52	0.77	14.26	Carbon
ESM 2.2×25×105×27.5	2.2	25	105	27.5	229.59	106.52	0.74	14.26	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×25×107.5×28.5	2.2	25	107.5	28.5	237.23	106.52	0.71	14.26	Carbon
ESM 2.2×25×110×29.5	2.2	25	110	29.5	244.84	106.52	0.68	14.26	Carbon
ESM 2.2×25×112.5×31.5	2.2	25	112.5	31.5	252.48	106.52	0.66	14.26	Carbon
ESM 2.2×25×115×32.5	2.2	25	115	32.5	260.11	106.52	0.64	14.26	Carbon
ESS 2.2×25×67.5×10.5	2.2	25	67.5	10.5	115.75	92.11	1.61	14.26	Stainless
ESS 2.2×25×70×11.5	2.2	25	70	11.5	123.44	92.11	1.46	14.26	Stainless
ESS 2.2×25×72.5×12.5	2.2	25	72.5	12.5	131.14	92.11	1.33	14.26	Stainless
ESS 2.2×25×75×13.5	2.2	25	75	13.5	138.83	92.11	1.22	14.26	Stainless
ESS 2.2×25×77.5×15.5	2.2	25	77.5	15.5	146.53	92.11	1.13	14.26	Stainless
ESS 2.2×25×80×16.5	2.2	25	80	16.5	154.22	92.11	1.05	14.26	Stainless
ESS 2.2×25×82.5×17.5	2.2	25	82.5	17.5	161.92	92.11	0.98	14.26	Stainless
ESS 2.2×25×85×18.5	2.2	25	85	18.5	169.61	92.11	0.92	14.26	Stainless
ESS 2.2×25×87.5×19.5	2.2	25	87.5	19.5	177.31	92.11	0.87	14.26	Stainless
ESS 2.2×25×90×20.5	2.2	25	90	20.5	185	92.11	0.82	14.26	Stainless
ESS 2.2×25×92.5×21.5	2.2	25	92.5	21.5	192.7	92.11	0.78	14.26	Stainless
ESS 2.2×25×95×23.5	2.2	25	95	23.5	200.4	92.11	0.74	14.26	Stainless
ESS 2.2×25×97.5×24.5	2.2	25	97.5	24.5	208.09	92.11	0.7	14.26	Stainless
ESS 2.2×25×100×25.5	2.2	25	100	25.5	215.77	92.11	0.67	14.26	Stainless
ESS 2.2×25×102.5×26.5	2.2	25	102.5	26.5	223.47	92.11	0.64	14.26	Stainless
ESS 2.2×25×105×27.5	2.2	25	105	27.5	231.16	92.11	0.62	14.26	Stainless
ESS 2.2×25×107.5×28.5	2.2	25	107.5	28.5	238.86	92.11	0.59	14.26	Stainless
ESS 2.2×25×110×29.5	2.2	25	110	29.5	246.57	92.11	0.57	14.26	Stainless
ESS 2.2×25×112.5×31.5	2.2	25	112.5	31.5	254.26	92.11	0.55	14.26	Stainless
ESS 2.2×25×115×32.5	2.2	25	115	32.5	261.95	92.11	0.53	14.26	Stainless
ESM 2.3×25×67.5×10.5	2.3	25	67.5	10.5	110.48	121.38	2.42	17.24	Carbon
ESM 2.3×25×70×11.5	2.3	25	70	11.5	117.55	121.38	2.19	17.24	Carbon
ESM 2.3×25×72.5×12.5	2.3	25	72.5	12.5	124.63	121.38	2	17.24	Carbon
ESM 2.3×25×75×13.5	2.3	25	75	13.5	131.71	121.38	1.84	17.24	Carbon
ESM 2.3×25×77.5×14.5	2.3	25	77.5	14.5	138.78	121.38	1.7	17.24	Carbon
ESM 2.3×25×80×15.5	2.3	25	80	15.5	145.86	121.38	1.58	17.24	Carbon
ESM 2.3×25×82.5×16.5	2.3	25	82.5	16.5	152.93	121.38	1.48	17.24	Carbon
ESM 2.3×25×85×17.5	2.3	25	85	17.5	160.01	121.38	1.39	17.24	Carbon
ESM 2.3×25×87.5×18.5	2.3	25	87.5	18.5	167.09	121.38	1.31	17.24	Carbon
ESM 2.3×25×90×19.5	2.3	25	90	19.5	174.16	121.38	1.24	17.24	Carbon
ESM 2.3×25×92.5×21.5	2.3	25	92.5	21.5	181.23	121.38	1.17	17.24	Carbon

M: Carbon Steel;
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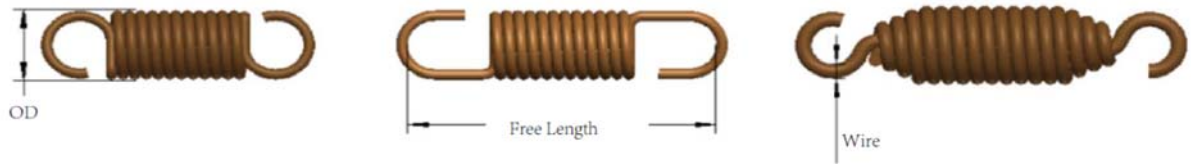
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×25×95×22.5	2.3	25	95	22.5	188.31	121.38	1.12	17.24	Carbon
ESM 2.3×25×97.5×23.5	2.3	25	97.5	23.5	195.39	121.38	1.06	17.24	Carbon
ESM 2.3×25×100×24.5	2.3	25	100	24.5	202.46	121.38	1.02	17.24	Carbon
ESM 2.3×25×102.5×25.5	2.3	25	102.5	25.5	209.53	121.38	0.97	17.24	Carbon
ESM 2.3×25×105×26.5	2.3	25	105	26.5	216.61	121.38	0.93	17.24	Carbon
ESM 2.3×25×107.5×27.5	2.3	25	107.5	27.5	223.69	121.38	0.9	17.24	Carbon
ESM 2.3×25×110×28.5	2.3	25	110	28.5	230.76	121.38	0.86	17.24	Carbon
ESM 2.3×25×112.5×29.5	2.3	25	112.5	29.5	237.84	121.38	0.83	17.24	Carbon
ESM 2.3×25×115×30.5	2.3	25	115	30.5	244.92	121.38	0.8	17.24	Carbon
ESS 2.3×25×67.5×10.5	2.3	25	67.5	10.5	110.89	104.85	2.02	17.24	Stainless
ESS 2.3×25×70×11.5	2.3	25	70	11.5	118	104.85	1.83	17.24	Stainless
ESS 2.3×25×72.5×12.5	2.3	25	72.5	12.5	125.12	104.85	1.66	17.24	Stainless
ESS 2.3×25×75×13.5	2.3	25	75	13.5	132.24	104.85	1.53	17.24	Stainless
ESS 2.3×25×77.5×14.5	2.3	25	77.5	14.5	139.36	104.85	1.42	17.24	Stainless
ESS 2.3×25×80×15.5	2.3	25	80	15.5	146.48	104.85	1.32	17.24	Stainless
ESS 2.3×25×82.5×16.5	2.3	25	82.5	16.5	153.6	104.85	1.23	17.24	Stainless
ESS 2.3×25×85×17.5	2.3	25	85	17.5	160.72	104.85	1.16	17.24	Stainless
ESS 2.3×25×87.5×18.5	2.3	25	87.5	18.5	167.84	104.85	1.09	17.24	Stainless
ESS 2.3×25×90×19.5	2.3	25	90	19.5	174.96	104.85	1.03	17.24	Stainless
ESS 2.3×25×92.5×21.5	2.3	25	92.5	21.5	182.07	104.85	0.98	17.24	Stainless
ESS 2.3×25×95×22.5	2.3	25	95	22.5	189.2	104.85	0.93	17.24	Stainless
ESS 2.3×25×97.5×23.5	2.3	25	97.5	23.5	196.32	104.85	0.89	17.24	Stainless
ESS 2.3×25×100×24.5	2.3	25	100	24.5	203.44	104.85	0.85	17.24	Stainless
ESS 2.3×25×102.5×25.5	2.3	25	102.5	25.5	210.56	104.85	0.81	17.24	Stainless
ESS 2.3×25×105×26.5	2.3	25	105	26.5	217.67	104.85	0.78	17.24	Stainless
ESS 2.3×25×107.5×27.5	2.3	25	107.5	27.5	224.8	104.85	0.75	17.24	Stainless
ESS 2.3×25×110×28.5	2.3	25	110	28.5	231.92	104.85	0.72	17.24	Stainless
ESS 2.3×25×112.5×29.5	2.3	25	112.5	29.5	239.04	104.85	0.69	17.24	Stainless
ESS 2.3×25×115×30.5	2.3	25	115	30.5	246.16	104.85	0.67	17.24	Stainless
ESM 2.4×25×70×10.5	2.4	25	70	10.5	113	137.53	2.72	20.63	Carbon
ESM 2.4×25×72.5×11.5	2.4	25	72.5	11.5	119.6	137.53	2.48	20.63	Carbon
ESM 2.4×25×75×13.5	2.4	25	75	13.5	126.2	137.53	2.28	20.63	Carbon
ESM 2.4×25×77.5×14.5	2.4	25	77.5	14.5	132.8	137.53	2.11	20.63	Carbon
ESM 2.4×25×80×15.5	2.4	25	80	15.5	139.39	137.53	1.97	20.63	Carbon
ESM 2.4×25×82.5×16.5	2.4	25	82.5	16.5	145.99	137.53	1.84	20.63	Carbon

M: Carbon Steel;
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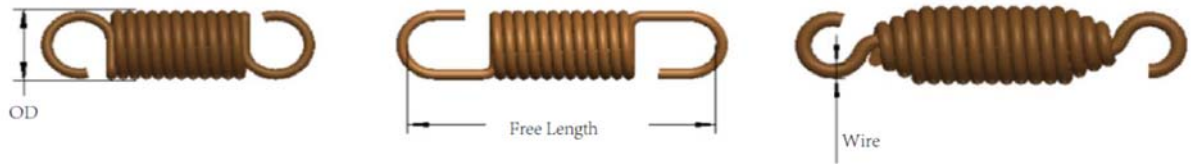
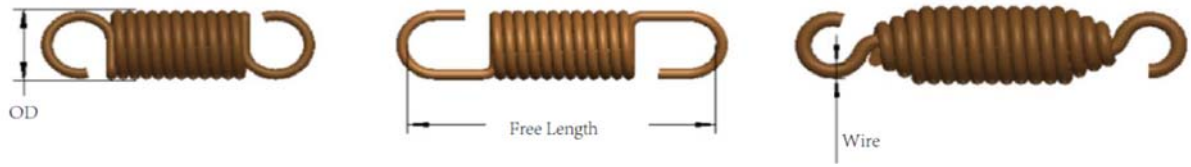
Max Length - Max Load



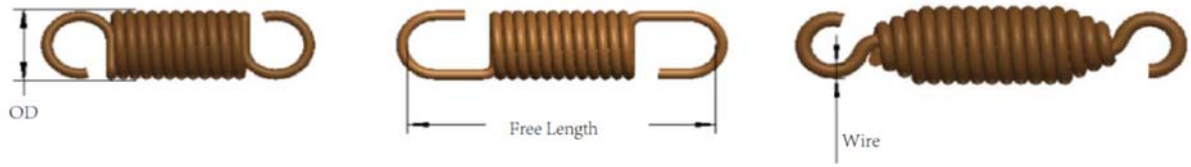
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×25×85×17.5	2.4	25	85	17.5	152.59	137.53	1.73	20.63	Carbon
ESM 2.4×25×87.5×18.5	2.4	25	87.5	18.5	159.18	137.53	1.63	20.63	Carbon
ESM 2.4×25×90×19.5	2.4	25	90	19.5	165.78	137.53	1.54	20.63	Carbon
ESM 2.4×25×92.5×20.5	2.4	25	92.5	20.5	172.38	137.53	1.46	20.63	Carbon
ESM 2.4×25×95×21.5	2.4	25	95	21.5	178.97	137.53	1.39	20.63	Carbon
ESM 2.4×25×97.5×22.5	2.4	25	97.5	22.5	185.57	137.53	1.33	20.63	Carbon
ESM 2.4×25×100×23.5	2.4	25	100	23.5	192.17	137.53	1.27	20.63	Carbon
ESM 2.4×25×102.5×24.5	2.4	25	102.5	24.5	198.77	137.53	1.21	20.63	Carbon
ESM 2.4×25×105×25.5	2.4	25	105	25.5	205.36	137.53	1.16	20.63	Carbon
ESM 2.4×25×107.5×26.5	2.4	25	107.5	26.5	211.96	137.53	1.12	20.63	Carbon
ESM 2.4×25×110×27.5	2.4	25	110	27.5	218.56	137.53	1.08	20.63	Carbon
ESM 2.4×25×112.5×28.5	2.4	25	112.5	28.5	225.15	137.53	1.04	20.63	Carbon
ESM 2.4×25×115×29.5	2.4	25	115	29.5	231.75	137.53	1	20.63	Carbon
ESM 2.4×25×117.5×30.5	2.4	25	117.5	30.5	238.35	137.53	0.97	20.63	Carbon
ESS 2.4×25×70×10.5	2.4	25	70	10.5	113.28	118.66	2.27	20.63	Stainless
ESS 2.4×25×72.5×11.5	2.4	25	72.5	11.5	119.9	118.66	2.07	20.63	Stainless
ESS 2.4×25×75×13.5	2.4	25	75	13.5	126.52	118.66	1.9	20.63	Stainless
ESS 2.4×25×77.5×14.5	2.4	25	77.5	14.5	133.14	118.66	1.76	20.63	Stainless
ESS 2.4×25×80×15.5	2.4	25	80	15.5	139.77	118.66	1.64	20.63	Stainless
ESS 2.4×25×82.5×16.5	2.4	25	82.5	16.5	146.39	118.66	1.53	20.63	Stainless
ESS 2.4×25×85×17.5	2.4	25	85	17.5	153.01	118.66	1.44	20.63	Stainless
ESS 2.4×25×87.5×18.5	2.4	25	87.5	18.5	159.64	118.66	1.36	20.63	Stainless
ESS 2.4×25×90×19.5	2.4	25	90	19.5	166.26	118.66	1.29	20.63	Stainless
ESS 2.4×25×92.5×20.5	2.4	25	92.5	20.5	172.88	118.66	1.22	20.63	Stainless
ESS 2.4×25×95×21.5	2.4	25	95	21.5	179.5	118.66	1.16	20.63	Stainless
ESS 2.4×25×97.5×22.5	2.4	25	97.5	22.5	186.13	118.66	1.11	20.63	Stainless
ESS 2.4×25×100×23.5	2.4	25	100	23.5	192.76	118.66	1.06	20.63	Stainless
ESS 2.4×25×102.5×24.5	2.4	25	102.5	24.5	199.37	118.66	1.01	20.63	Stainless
ESS 2.4×25×105×25.5	2.4	25	105	25.5	206	118.66	0.97	20.63	Stainless
ESS 2.4×25×107.5×26.5	2.4	25	107.5	26.5	212.62	118.66	0.93	20.63	Stainless
ESS 2.4×25×110×27.5	2.4	25	110	27.5	219.24	118.66	0.9	20.63	Stainless
ESS 2.4×25×112.5×28.5	2.4	25	112.5	28.5	225.87	118.66	0.86	20.63	Stainless
ESS 2.4×25×115×29.5	2.4	25	115	29.5	232.49	118.66	0.83	20.63	Stainless
ESS 2.4×25×117.5×30.5	2.4	25	117.5	30.5	239.12	118.66	0.81	20.63	Stainless
ESM 2.5×25×70×10.5	2.5	25	70	10.5	109.02	155.01	3.35	24.47	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



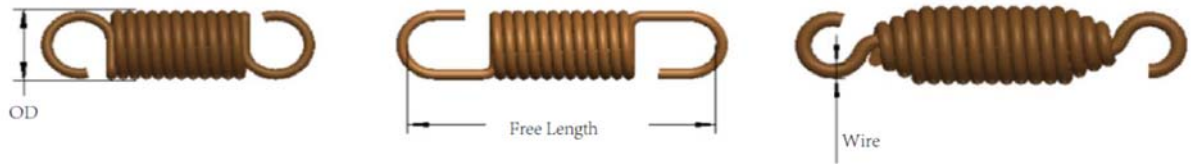
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×25×72.5×11.5	2.5	25	72.5	11.5	115.2	155.01	3.06	24.47	Carbon
ESM 2.5×25×75×12.5	2.5	25	75	12.5	121.38	155.01	2.81	24.47	Carbon
ESM 2.5×25×77.5×13.5	2.5	25	77.5	13.5	127.56	155.01	2.61	24.47	Carbon
ESM 2.5×25×80×14.5	2.5	25	80	14.5	133.75	155.01	2.43	24.47	Carbon
ESM 2.5×25×82.5×15.5	2.5	25	82.5	15.5	139.93	155.01	2.27	24.47	Carbon
ESM 2.5×25×85×16.5	2.5	25	85	16.5	146.11	155.01	2.14	24.47	Carbon
ESM 2.5×25×87.5×17.5	2.5	25	87.5	17.5	152.29	155.01	2.01	24.47	Carbon
ESM 2.5×25×90×18.5	2.5	25	90	18.5	158.47	155.01	1.91	24.47	Carbon
ESM 2.5×25×92.5×19.5	2.5	25	92.5	19.5	164.65	155.01	1.81	24.47	Carbon
ESM 2.5×25×95×20.5	2.5	25	95	20.5	170.84	155.01	1.72	24.47	Carbon
ESM 2.5×25×97.5×21.5	2.5	25	97.5	21.5	177.02	155.01	1.64	24.47	Carbon
ESM 2.5×25×100×22.5	2.5	25	100	22.5	183.2	155.01	1.57	24.47	Carbon
ESM 2.5×25×102.5×23.5	2.5	25	102.5	23.5	189.38	155.01	1.5	24.47	Carbon
ESM 2.5×25×105×24.5	2.5	25	105	24.5	195.56	155.01	1.44	24.47	Carbon
ESM 2.5×25×107.5×25.5	2.5	25	107.5	25.5	201.74	155.01	1.39	24.47	Carbon
ESM 2.5×25×110×26.5	2.5	25	110	26.5	207.92	155.01	1.33	24.47	Carbon
ESM 2.5×25×112.5×27.5	2.5	25	112.5	27.5	214.11	155.01	1.28	24.47	Carbon
ESM 2.5×25×115×28.5	2.5	25	115	28.5	220.29	155.01	1.24	24.47	Carbon
ESM 2.5×25×117.5×29.5	2.5	25	117.5	29.5	226.47	155.01	1.2	24.47	Carbon
ESS 2.5×25×70×10.5	2.5	25	70	10.5	109.14	133.59	2.79	24.47	Stainless
ESS 2.5×25×72.5×11.5	2.5	25	72.5	11.5	115.34	133.59	2.55	24.47	Stainless
ESS 2.5×25×75×12.5	2.5	25	75	12.5	121.53	133.59	2.35	24.47	Stainless
ESS 2.5×25×77.5×13.5	2.5	25	77.5	13.5	127.72	133.59	2.17	24.47	Stainless
ESS 2.5×25×80×14.5	2.5	25	80	14.5	133.91	133.59	2.02	24.47	Stainless
ESS 2.5×25×82.5×15.5	2.5	25	82.5	15.5	140.11	133.59	1.89	24.47	Stainless
ESS 2.5×25×85×16.5	2.5	25	85	16.5	146.3	133.59	1.78	24.47	Stainless
ESS 2.5×25×87.5×17.5	2.5	25	87.5	17.5	152.49	133.59	1.68	24.47	Stainless
ESS 2.5×25×90×18.5	2.5	25	90	18.5	158.68	133.59	1.59	24.47	Stainless
ESS 2.5×25×92.5×19.5	2.5	25	92.5	19.5	164.88	133.59	1.51	24.47	Stainless
ESS 2.5×25×95×20.5	2.5	25	95	20.5	171.07	133.59	1.43	24.47	Stainless
ESS 2.5×25×97.5×21.5	2.5	25	97.5	21.5	177.26	133.59	1.37	24.47	Stainless
ESS 2.5×25×100×22.5	2.5	25	100	22.5	183.45	133.59	1.31	24.47	Stainless
ESS 2.5×25×102.5×23.5	2.5	25	102.5	23.5	189.65	133.59	1.25	24.47	Stainless
ESS 2.5×25×105×24.5	2.5	25	105	24.5	195.84	133.59	1.2	24.47	Stainless
ESS 2.5×25×107.5×25.5	2.5	25	107.5	25.5	202.04	133.59	1.15	24.47	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



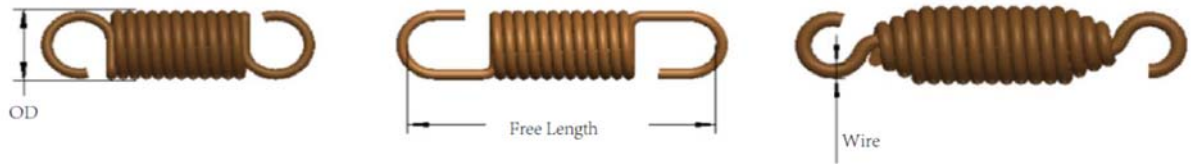
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×25×110×26.5	2.5	25	110	26.5	208.23	133.59	1.11	24.47	Stainless
ESS 2.5×25×112.5×27.5	2.5	25	112.5	27.5	214.42	133.59	1.07	24.47	Stainless
ESS 2.5×25×115×28.5	2.5	25	115	28.5	220.61	133.59	1.03	24.47	Stainless
ESS 2.5×25×117.5×29.5	2.5	25	117.5	29.5	226.8	133.59	1	24.47	Stainless
ESM 2.6×25×70×10.5	2.6	25	70	10.5	106.9	173.23	3.91	28.78	Carbon
ESM 2.6×25×72.5×11.5	2.6	25	72.5	11.5	112.85	173.23	3.58	28.78	Carbon
ESM 2.6×25×75×12.5	2.6	25	75	12.5	118.79	173.23	3.3	28.78	Carbon
ESM 2.6×25×77.5×13.5	2.6	25	77.5	13.5	124.74	173.23	3.06	28.78	Carbon
ESM 2.6×25×80×14.5	2.6	25	80	14.5	130.69	173.23	2.85	28.78	Carbon
ESM 2.6×25×82.5×15.5	2.6	25	82.5	15.5	136.64	173.23	2.67	28.78	Carbon
ESM 2.6×25×85×16.5	2.6	25	85	16.5	142.58	173.23	2.51	28.78	Carbon
ESM 2.6×25×87.5×17.5	2.6	25	87.5	17.5	148.53	173.23	2.37	28.78	Carbon
ESM 2.6×25×90×17.5	2.6	25	90	17.5	154.48	173.23	2.24	28.78	Carbon
ESM 2.6×25×92.5×18.5	2.6	25	92.5	18.5	160.43	173.23	2.13	28.78	Carbon
ESM 2.6×25×95×19.5	2.6	25	95	19.5	166.37	173.23	2.02	28.78	Carbon
ESM 2.6×25×97.5×20.5	2.6	25	97.5	20.5	172.32	173.23	1.93	28.78	Carbon
ESM 2.6×25×100×21.5	2.6	25	100	21.5	178.27	173.23	1.85	28.78	Carbon
ESM 2.6×25×102.5×22.5	2.6	25	102.5	22.5	184.21	173.23	1.77	28.78	Carbon
ESM 2.6×25×105×23.5	2.6	25	105	23.5	190.16	173.23	1.7	28.78	Carbon
ESM 2.6×25×107.5×24.5	2.6	25	107.5	24.5	196.11	173.23	1.63	28.78	Carbon
ESM 2.6×25×110×25.5	2.6	25	110	25.5	202.05	173.23	1.57	28.78	Carbon
ESM 2.6×25×112.5×26.5	2.6	25	112.5	26.5	208	173.23	1.51	28.78	Carbon
ESM 2.6×25×115×27.5	2.6	25	115	27.5	213.95	173.23	1.46	28.78	Carbon
ESM 2.6×25×117.5×28.5	2.6	25	117.5	28.5	219.9	173.23	1.41	28.78	Carbon
ESS 2.6×25×70×10.5	2.6	25	70	10.5	105.51	149.67	3.4	28.78	Stainless
ESS 2.6×25×72.5×11.5	2.6	25	72.5	11.5	111.33	149.67	3.11	28.78	Stainless
ESS 2.6×25×75×12.5	2.6	25	75	12.5	117.15	149.67	2.87	28.78	Stainless
ESS 2.6×25×77.5×13.5	2.6	25	77.5	13.5	122.96	149.67	2.66	28.78	Stainless
ESS 2.6×25×80×14.5	2.6	25	80	14.5	128.78	149.67	2.48	28.78	Stainless
ESS 2.6×25×82.5×15.5	2.6	25	82.5	15.5	134.6	149.67	2.32	28.78	Stainless
ESS 2.6×25×85×16.5	2.6	25	85	16.5	140.42	149.67	2.18	28.78	Stainless
ESS 2.6×25×87.5×17.5	2.6	25	87.5	17.5	146.24	149.67	2.06	28.78	Stainless
ESS 2.6×25×90×17.5	2.6	25	90	17.5	152.05	149.67	1.95	28.78	Stainless
ESS 2.6×25×92.5×18.5	2.6	25	92.5	18.5	157.87	149.67	1.85	28.78	Stainless
ESS 2.6×25×95×19.5	2.6	25	95	19.5	163.69	149.67	1.76	28.78	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



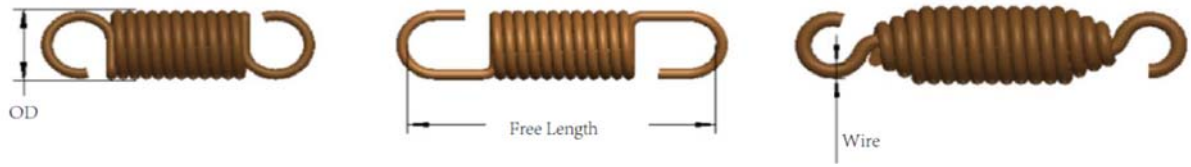
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×25×97.5×20.5	2.6	25	97.5	20.5	169.51	149.67	1.68	28.78	Stainless
ESS 2.6×25×100×21.5	2.6	25	100	21.5	175.32	149.67	1.6	28.78	Stainless
ESS 2.6×25×102.5×22.5	2.6	25	102.5	22.5	181.14	149.67	1.54	28.78	Stainless
ESS 2.6×25×105×23.5	2.6	25	105	23.5	186.96	149.67	1.48	28.78	Stainless
ESS 2.6×25×107.5×24.5	2.6	25	107.5	24.5	192.77	149.67	1.42	28.78	Stainless
ESS 2.6×25×110×25.5	2.6	25	110	25.5	198.59	149.67	1.36	28.78	Stainless
ESS 2.6×25×112.5×26.5	2.6	25	112.5	26.5	204.41	149.67	1.32	28.78	Stainless
ESS 2.6×25×115×27.5	2.6	25	115	27.5	210.23	149.67	1.27	28.78	Stainless
ESS 2.6×25×117.5×28.5	2.6	25	117.5	28.5	216.04	149.67	1.23	28.78	Stainless
ESM 2.7×25×70×10.5	2.7	25	70	10.5	103.68	193.44	4.75	33.61	Carbon
ESM 2.7×25×72.5×10.5	2.7	25	72.5	10.5	109.3	193.44	4.34	33.61	Carbon
ESM 2.7×25×75×11.5	2.7	25	75	11.5	114.91	193.44	4	33.61	Carbon
ESM 2.7×25×77.5×12.5	2.7	25	77.5	12.5	120.53	193.44	3.71	33.61	Carbon
ESM 2.7×25×80×13.5	2.7	25	80	13.5	126.14	193.44	3.46	33.61	Carbon
ESM 2.7×25×82.5×14.5	2.7	25	82.5	14.5	131.76	193.44	3.24	33.61	Carbon
ESM 2.7×25×85×15.5	2.7	25	85	15.5	137.38	193.44	3.05	33.61	Carbon
ESM 2.7×25×87.5×16.5	2.7	25	87.5	16.5	142.99	193.44	2.88	33.61	Carbon
ESM 2.7×25×90×17.5	2.7	25	90	17.5	148.61	193.44	2.73	33.61	Carbon
ESM 2.7×25×92.5×18.5	2.7	25	92.5	18.5	154.23	193.44	2.59	33.61	Carbon
ESM 2.7×25×95×19.5	2.7	25	95	19.5	159.84	193.44	2.46	33.61	Carbon
ESM 2.7×25×97.5×20.5	2.7	25	97.5	20.5	165.46	193.44	2.35	33.61	Carbon
ESM 2.7×25×100×21.5	2.7	25	100	21.5	171.07	193.44	2.25	33.61	Carbon
ESM 2.7×25×102.5×22.5	2.7	25	102.5	22.5	176.69	193.44	2.15	33.61	Carbon
ESM 2.7×25×105×22.5	2.7	25	105	22.5	182.31	193.44	2.07	33.61	Carbon
ESM 2.7×25×107.5×23.5	2.7	25	107.5	23.5	187.92	193.44	1.99	33.61	Carbon
ESM 2.7×25×110×24.5	2.7	25	110	24.5	193.54	193.44	1.91	33.61	Carbon
ESM 2.7×25×112.5×25.5	2.7	25	112.5	25.5	199.15	193.44	1.84	33.61	Carbon
ESM 2.7×25×115×26.5	2.7	25	115	26.5	204.77	193.44	1.78	33.61	Carbon
ESM 2.7×25×117.5×27.5	2.7	25	117.5	27.5	210.39	193.44	1.72	33.61	Carbon
ESS 2.7×25×70×10.5	2.7	25	70	10.5	102.31	166.93	4.13	33.61	Stainless
ESS 2.7×25×72.5×10.5	2.7	25	72.5	10.5	107.8	166.93	3.78	33.61	Stainless
ESS 2.7×25×75×11.5	2.7	25	75	11.5	113.29	166.93	3.48	33.61	Stainless
ESS 2.7×25×77.5×12.5	2.7	25	77.5	12.5	118.77	166.93	3.23	33.61	Stainless
ESS 2.7×25×80×13.5	2.7	25	80	13.5	124.27	166.93	3.01	33.61	Stainless
ESS 2.7×25×82.5×14.5	2.7	25	82.5	14.5	129.75	166.93	2.82	33.61	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



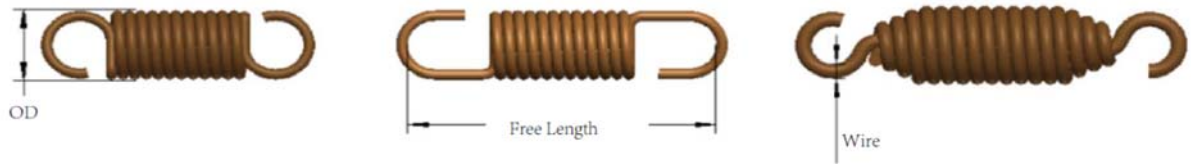
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×25×85×15.5	2.7	25	85	15.5	135.24	166.93	2.65	33.61	Stainless
ESS 2.7×25×87.5×16.5	2.7	25	87.5	16.5	140.73	166.93	2.5	33.61	Stainless
ESS 2.7×25×90×17.5	2.7	25	90	17.5	146.22	166.93	2.37	33.61	Stainless
ESS 2.7×25×92.5×18.5	2.7	25	92.5	18.5	151.71	166.93	2.25	33.61	Stainless
ESS 2.7×25×95×19.5	2.7	25	95	19.5	157.2	166.93	2.14	33.61	Stainless
ESS 2.7×25×97.5×20.5	2.7	25	97.5	20.5	162.69	166.93	2.05	33.61	Stainless
ESS 2.7×25×100×21.5	2.7	25	100	21.5	168.18	166.93	1.96	33.61	Stainless
ESS 2.7×25×102.5×22.5	2.7	25	102.5	22.5	173.67	166.93	1.87	33.61	Stainless
ESS 2.7×25×105×22.5	2.7	25	105	22.5	179.16	166.93	1.8	33.61	Stainless
ESS 2.7×25×107.5×23.5	2.7	25	107.5	23.5	184.65	166.93	1.73	33.61	Stainless
ESS 2.7×25×110×24.5	2.7	25	110	24.5	190.13	166.93	1.66	33.61	Stainless
ESS 2.7×25×112.5×25.5	2.7	25	112.5	25.5	195.63	166.93	1.6	33.61	Stainless
ESS 2.7×25×115×26.5	2.7	25	115	26.5	201.11	166.93	1.55	33.61	Stainless
ESS 2.7×25×117.5×27.5	2.7	25	117.5	27.5	206.6	166.93	1.5	33.61	Stainless
ESM 2.8×25×72.5×10.5	2.8	25	72.5	10.5	106.15	215.1	5.23	38.98	Carbon
ESM 2.8×25×75×11.5	2.8	25	75	11.5	111.47	215.1	4.83	38.98	Carbon
ESM 2.8×25×77.5×12.5	2.8	25	77.5	12.5	116.8	215.1	4.48	38.98	Carbon
ESM 2.8×25×80×13.5	2.8	25	80	13.5	122.12	215.1	4.18	38.98	Carbon
ESM 2.8×25×82.5×14.5	2.8	25	82.5	14.5	127.44	215.1	3.92	38.98	Carbon
ESM 2.8×25×85×15.5	2.8	25	85	15.5	132.77	215.1	3.69	38.98	Carbon
ESM 2.8×25×87.5×15.5	2.8	25	87.5	15.5	138.09	215.1	3.48	38.98	Carbon
ESM 2.8×25×90×16.5	2.8	25	90	16.5	143.42	215.1	3.3	38.98	Carbon
ESM 2.8×25×92.5×17.5	2.8	25	92.5	17.5	148.74	215.1	3.13	38.98	Carbon
ESM 2.8×25×95×18.5	2.8	25	95	18.5	154.07	215.1	2.98	38.98	Carbon
ESM 2.8×25×97.5×19.5	2.8	25	97.5	19.5	159.39	215.1	2.85	38.98	Carbon
ESM 2.8×25×100×20.5	2.8	25	100	20.5	164.72	215.1	2.72	38.98	Carbon
ESM 2.8×25×102.5×21.5	2.8	25	102.5	21.5	170.04	215.1	2.61	38.98	Carbon
ESM 2.8×25×105×22.5	2.8	25	105	22.5	175.36	215.1	2.5	38.98	Carbon
ESM 2.8×25×107.5×23.5	2.8	25	107.5	23.5	180.69	215.1	2.41	38.98	Carbon
ESM 2.8×25×110×24.5	2.8	25	110	24.5	186.01	215.1	2.32	38.98	Carbon
ESM 2.8×25×112.5×24.5	2.8	25	112.5	24.5	191.34	215.1	2.23	38.98	Carbon
ESM 2.8×25×115×25.5	2.8	25	115	25.5	196.66	215.1	2.16	38.98	Carbon
ESM 2.8×25×117.5×26.5	2.8	25	117.5	26.5	201.99	215.1	2.08	38.98	Carbon
ESM 2.8×25×120×27.5	2.8	25	120	27.5	207.31	215.1	2.02	38.98	Carbon
ESS 2.8×25×72.5×10.5	2.8	25	72.5	10.5	104.67	185.4	4.55	38.98	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



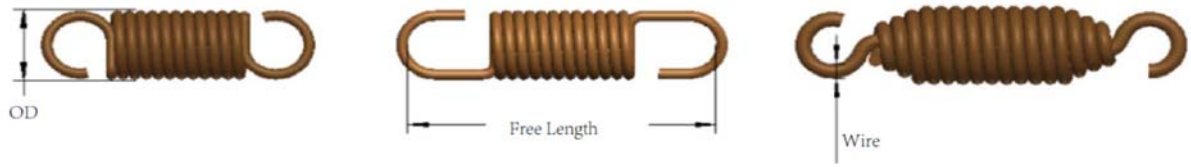
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×25×75×11.5	2.8	25	75	11.5	109.87	185.4	4.2	38.98	Stainless
ESS 2.8×25×77.5×12.5	2.8	25	77.5	12.5	115.07	185.4	3.9	38.98	Stainless
ESS 2.8×25×80×13.5	2.8	25	80	13.5	120.27	185.4	3.64	38.98	Stainless
ESS 2.8×25×82.5×14.5	2.8	25	82.5	14.5	125.47	185.4	3.41	38.98	Stainless
ESS 2.8×25×85×15.5	2.8	25	85	15.5	130.67	185.4	3.21	38.98	Stainless
ESS 2.8×25×87.5×15.5	2.8	25	87.5	15.5	135.87	185.4	3.03	38.98	Stainless
ESS 2.8×25×90×16.5	2.8	25	90	16.5	141.07	185.4	2.87	38.98	Stainless
ESS 2.8×25×92.5×17.5	2.8	25	92.5	17.5	146.27	185.4	2.72	38.98	Stainless
ESS 2.8×25×95×18.5	2.8	25	95	18.5	151.47	185.4	2.59	38.98	Stainless
ESS 2.8×25×97.5×19.5	2.8	25	97.5	19.5	156.67	185.4	2.47	38.98	Stainless
ESS 2.8×25×100×20.5	2.8	25	100	20.5	161.87	185.4	2.37	38.98	Stainless
ESS 2.8×25×102.5×21.5	2.8	25	102.5	21.5	167.07	185.4	2.27	38.98	Stainless
ESS 2.8×25×105×22.5	2.8	25	105	22.5	172.28	185.4	2.18	38.98	Stainless
ESS 2.8×25×107.5×23.5	2.8	25	107.5	23.5	177.48	185.4	2.09	38.98	Stainless
ESS 2.8×25×110×24.5	2.8	25	110	24.5	182.68	185.4	2.01	38.98	Stainless
ESS 2.8×25×112.5×24.5	2.8	25	112.5	24.5	187.88	185.4	1.94	38.98	Stainless
ESS 2.8×25×115×25.5	2.8	25	115	25.5	193.08	185.4	1.88	38.98	Stainless
ESS 2.8×25×117.5×26.5	2.8	25	117.5	26.5	198.28	185.4	1.81	38.98	Stainless
ESS 2.8×25×120×27.5	2.8	25	120	27.5	203.48	185.4	1.75	38.98	Stainless
ESM 2.9×25×72.5×10.5	2.9	25	72.5	10.5	103.2	237.37	6.27	44.94	Carbon
ESM 2.9×25×75×11.5	2.9	25	75	11.5	108.25	237.37	5.79	44.94	Carbon
ESM 2.9×25×77.5×12.5	2.9	25	77.5	12.5	113.31	237.37	5.37	44.94	Carbon
ESM 2.9×25×80×12.5	2.9	25	80	12.5	118.36	237.37	5.02	44.94	Carbon
ESM 2.9×25×82.5×13.5	2.9	25	82.5	13.5	123.42	237.37	4.7	44.94	Carbon
ESM 2.9×25×85×14.5	2.9	25	85	14.5	128.47	237.37	4.43	44.94	Carbon
ESM 2.9×25×87.5×15.5	2.9	25	87.5	15.5	133.53	237.37	4.18	44.94	Carbon
ESM 2.9×25×90×16.5	2.9	25	90	16.5	138.58	237.37	3.96	44.94	Carbon
ESM 2.9×25×92.5×17.5	2.9	25	92.5	17.5	143.64	237.37	3.76	44.94	Carbon
ESM 2.9×25×95×18.5	2.9	25	95	18.5	148.69	237.37	3.58	44.94	Carbon
ESM 2.9×25×97.5×18.5	2.9	25	97.5	18.5	153.75	237.37	3.42	44.94	Carbon
ESM 2.9×25×100×19.5	2.9	25	100	19.5	158.8	237.37	3.27	44.94	Carbon
ESM 2.9×25×102.5×20.5	2.9	25	102.5	20.5	163.86	237.37	3.14	44.94	Carbon
ESM 2.9×25×105×21.5	2.9	25	105	21.5	168.91	237.37	3.01	44.94	Carbon
ESM 2.9×25×107.5×22.5	2.9	25	107.5	22.5	173.97	237.37	2.9	44.94	Carbon
ESM 2.9×25×110×23.5	2.9	25	110	23.5	179.02	237.37	2.79	44.94	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



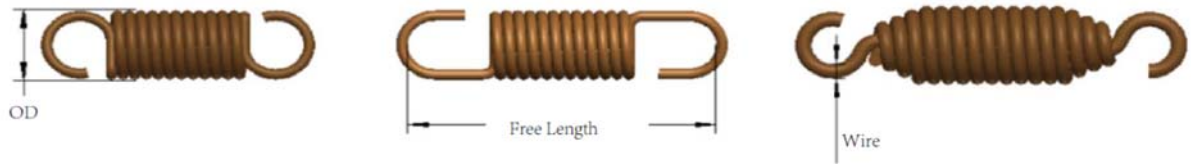
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×25×112.5×24.5	2.9	25	112.5	24.5	184.08	237.37	2.69	44.94	Carbon
ESM 2.9×25×115×25.5	2.9	25	115	25.5	189.13	237.37	2.6	44.94	Carbon
ESM 2.9×25×117.5×25.5	2.9	25	117.5	25.5	194.18	237.37	2.51	44.94	Carbon
ESM 2.9×25×120×26.5	2.9	25	120	26.5	199.24	237.37	2.43	44.94	Carbon
ESS 2.9×25×72.5×10.5	2.9	25	72.5	10.5	101.89	205.13	5.45	44.94	Stainless
ESS 2.9×25×75×11.5	2.9	25	75	11.5	106.83	205.13	5.03	44.94	Stainless
ESS 2.9×25×77.5×12.5	2.9	25	77.5	12.5	111.78	205.13	4.67	44.94	Stainless
ESS 2.9×25×80×12.5	2.9	25	80	12.5	116.72	205.13	4.36	44.94	Stainless
ESS 2.9×25×82.5×13.5	2.9	25	82.5	13.5	121.67	205.13	4.09	44.94	Stainless
ESS 2.9×25×85×14.5	2.9	25	85	14.5	126.62	205.13	3.85	44.94	Stainless
ESS 2.9×25×87.5×15.5	2.9	25	87.5	15.5	131.56	205.13	3.64	44.94	Stainless
ESS 2.9×25×90×16.5	2.9	25	90	16.5	136.51	205.13	3.44	44.94	Stainless
ESS 2.9×25×92.5×17.5	2.9	25	92.5	17.5	141.45	205.13	3.27	44.94	Stainless
ESS 2.9×25×95×18.5	2.9	25	95	18.5	146.4	205.13	3.12	44.94	Stainless
ESS 2.9×25×97.5×18.5	2.9	25	97.5	18.5	151.34	205.13	2.98	44.94	Stainless
ESS 2.9×25×100×19.5	2.9	25	100	19.5	156.29	205.13	2.85	44.94	Stainless
ESS 2.9×25×102.5×20.5	2.9	25	102.5	20.5	161.24	205.13	2.73	44.94	Stainless
ESS 2.9×25×105×21.5	2.9	25	105	21.5	166.18	205.13	2.62	44.94	Stainless
ESS 2.9×25×107.5×22.5	2.9	25	107.5	22.5	171.13	205.13	2.52	44.94	Stainless
ESS 2.9×25×110×23.5	2.9	25	110	23.5	176.07	205.13	2.42	44.94	Stainless
ESS 2.9×25×112.5×24.5	2.9	25	112.5	24.5	181.02	205.13	2.34	44.94	Stainless
ESS 2.9×25×115×25.5	2.9	25	115	25.5	185.97	205.13	2.26	44.94	Stainless
ESS 2.9×25×117.5×25.5	2.9	25	117.5	25.5	190.91	205.13	2.18	44.94	Stainless
ESS 2.9×25×120×26.5	2.9	25	120	26.5	195.85	205.13	2.11	44.94	Stainless
ESM 3×25×72.5×10.5	3	25	72.5	10.5	100.7	261.99	7.46	51.51	Carbon
ESM 3×25×75×10.5	3	25	75	10.5	105.53	261.99	6.89	51.51	Carbon
ESM 3×25×77.5×11.5	3	25	77.5	11.5	110.35	261.99	6.41	51.51	Carbon
ESM 3×25×80×12.5	3	25	80	12.5	115.18	261.99	5.98	51.51	Carbon
ESM 3×25×82.5×13.5	3	25	82.5	13.5	120.01	261.99	5.61	51.51	Carbon
ESM 3×25×85×14.5	3	25	85	14.5	124.83	261.99	5.28	51.51	Carbon
ESM 3×25×87.5×15.5	3	25	87.5	15.5	129.66	261.99	4.99	51.51	Carbon
ESM 3×25×90×15.5	3	25	90	15.5	134.49	261.99	4.73	51.51	Carbon
ESM 3×25×92.5×16.5	3	25	92.5	16.5	139.32	261.99	4.5	51.51	Carbon
ESM 3×25×95×17.5	3	25	95	17.5	144.14	261.99	4.28	51.51	Carbon
ESM 3×25×97.5×18.5	3	25	97.5	18.5	148.97	261.99	4.09	51.51	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



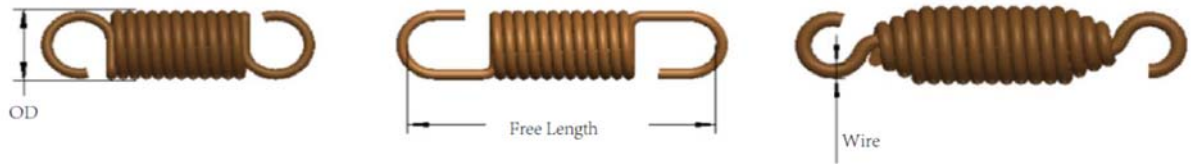
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×25×100×19.5	3	25	100	19.5	153.8	261.99	3.91	51.51	Carbon
ESM 3×25×102.5×20.5	3	25	102.5	20.5	158.62	261.99	3.75	51.51	Carbon
ESM 3×25×105×20.5	3	25	105	20.5	163.45	261.99	3.6	51.51	Carbon
ESM 3×25×107.5×21.5	3	25	107.5	21.5	168.28	261.99	3.46	51.51	Carbon
ESM 3×25×110×22.5	3	25	110	22.5	173.1	261.99	3.34	51.51	Carbon
ESM 3×25×112.5×23.5	3	25	112.5	23.5	177.93	261.99	3.22	51.51	Carbon
ESM 3×25×115×24.5	3	25	115	24.5	182.76	261.99	3.11	51.51	Carbon
ESM 3×25×117.5×25.5	3	25	117.5	25.5	187.58	261.99	3	51.51	Carbon
ESM 3×25×120×25.5	3	25	120	25.5	192.41	261.99	2.91	51.51	Carbon
ESS 3×25×72.5×10.5	3	25	72.5	10.5	99.41	226.13	6.49	51.51	Stainless
ESS 3×25×75×10.5	3	25	75	10.5	104.13	226.13	6	51.51	Stainless
ESS 3×25×77.5×11.5	3	25	77.5	11.5	108.85	226.13	5.57	51.51	Stainless
ESS 3×25×80×12.5	3	25	80	12.5	113.57	226.13	5.2	51.51	Stainless
ESS 3×25×82.5×13.5	3	25	82.5	13.5	118.29	226.13	4.88	51.51	Stainless
ESS 3×25×85×14.5	3	25	85	14.5	123.01	226.13	4.59	51.51	Stainless
ESS 3×25×87.5×15.5	3	25	87.5	15.5	127.73	226.13	4.34	51.51	Stainless
ESS 3×25×90×15.5	3	25	90	15.5	132.44	226.13	4.11	51.51	Stainless
ESS 3×25×92.5×16.5	3	25	92.5	16.5	137.16	226.13	3.91	51.51	Stainless
ESS 3×25×95×17.5	3	25	95	17.5	141.88	226.13	3.72	51.51	Stainless
ESS 3×25×97.5×18.5	3	25	97.5	18.5	146.6	226.13	3.56	51.51	Stainless
ESS 3×25×100×19.5	3	25	100	19.5	151.32	226.13	3.4	51.51	Stainless
ESS 3×25×102.5×20.5	3	25	102.5	20.5	156.05	226.13	3.26	51.51	Stainless
ESS 3×25×105×20.5	3	25	105	20.5	160.76	226.13	3.13	51.51	Stainless
ESS 3×25×107.5×21.5	3	25	107.5	21.5	165.49	226.13	3.01	51.51	Stainless
ESS 3×25×110×22.5	3	25	110	22.5	170.2	226.13	2.9	51.51	Stainless
ESS 3×25×112.5×23.5	3	25	112.5	23.5	174.93	226.13	2.8	51.51	Stainless
ESS 3×25×115×24.5	3	25	115	24.5	179.64	226.13	2.7	51.51	Stainless
ESS 3×25×117.5×25.5	3	25	117.5	25.5	184.36	226.13	2.61	51.51	Stainless
ESS 3×25×120×25.5	3	25	120	25.5	189.08	226.13	2.53	51.51	Stainless
ESM 1.7×26×67.5×11.5	1.7	26	67.5	11.5	153.15	48.08	0.51	4.09	Carbon
ESM 1.7×26×70×13.5	1.7	26	70	13.5	166.4	48.08	0.46	4.09	Carbon
ESM 1.7×26×72.5×14.5	1.7	26	72.5	14.5	179.66	48.08	0.41	4.09	Carbon
ESM 1.7×26×75×16.5	1.7	26	75	16.5	192.89	48.08	0.37	4.09	Carbon
ESM 1.7×26×77.5×17.5	1.7	26	77.5	17.5	206.15	48.08	0.34	4.09	Carbon
ESM 1.7×26×80×19.5	1.7	26	80	19.5	219.41	48.08	0.32	4.09	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



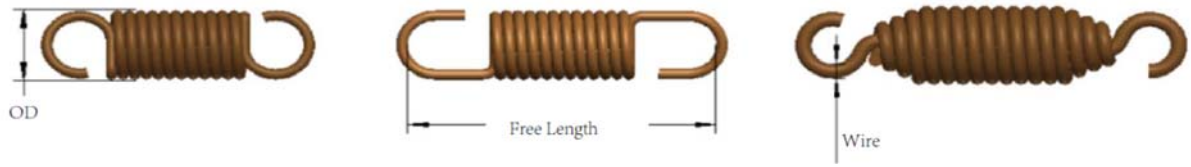
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.7×26×82.5×20.5	1.7	26	82.5	20.5	232.66	48.08	0.29	4.09	Carbon
ESM 1.7×26×85×22.5	1.7	26	85	22.5	245.93	48.08	0.27	4.09	Carbon
ESM 1.7×26×87.5×23.5	1.7	26	87.5	23.5	259.17	48.08	0.26	4.09	Carbon
ESM 1.7×26×90×24.5	1.7	26	90	24.5	272.41	48.08	0.24	4.09	Carbon
ESM 1.7×26×92.5×26.5	1.7	26	92.5	26.5	285.64	48.08	0.23	4.09	Carbon
ESM 1.7×26×95×27.5	1.7	26	95	27.5	298.88	48.08	0.22	4.09	Carbon
ESM 1.7×26×97.5×29.5	1.7	26	97.5	29.5	312.13	48.08	0.21	4.09	Carbon
ESM 1.7×26×100×30.5	1.7	26	100	30.5	325.4	48.08	0.2	4.09	Carbon
ESM 1.7×26×102.5×32.5	1.7	26	102.5	32.5	338.67	48.08	0.19	4.09	Carbon
ESM 1.7×26×105×33.5	1.7	26	105	33.5	351.9	48.08	0.18	4.09	Carbon
ESM 1.7×26×107.5×35.5	1.7	26	107.5	35.5	365.1	48.08	0.17	4.09	Carbon
ESM 1.7×26×110×36.5	1.7	26	110	36.5	378.45	48.08	0.16	4.09	Carbon
ESM 1.7×26×112.5×38.5	1.7	26	112.5	38.5	391.68	48.08	0.16	4.09	Carbon
ESM 1.7×26×115×39.5	1.7	26	115	39.5	404.84	48.08	0.15	4.09	Carbon
ESS 1.7×26×67.5×11.5	1.7	26	67.5	11.5	154.94	41.52	0.43	4.09	Stainless
ESS 1.7×26×70×13.5	1.7	26	70	13.5	168.43	41.52	0.38	4.09	Stainless
ESS 1.7×26×72.5×14.5	1.7	26	72.5	14.5	181.89	41.52	0.34	4.09	Stainless
ESS 1.7×26×75×16.5	1.7	26	75	16.5	195.37	41.52	0.31	4.09	Stainless
ESS 1.7×26×77.5×17.5	1.7	26	77.5	17.5	208.85	41.52	0.29	4.09	Stainless
ESS 1.7×26×80×19.5	1.7	26	80	19.5	222.33	41.52	0.26	4.09	Stainless
ESS 1.7×26×82.5×20.5	1.7	26	82.5	20.5	235.79	41.52	0.24	4.09	Stainless
ESS 1.7×26×85×22.5	1.7	26	85	22.5	249.26	41.52	0.23	4.09	Stainless
ESS 1.7×26×87.5×23.5	1.7	26	87.5	23.5	262.75	41.52	0.21	4.09	Stainless
ESS 1.7×26×90×24.5	1.7	26	90	24.5	276.24	41.52	0.2	4.09	Stainless
ESS 1.7×26×92.5×26.5	1.7	26	92.5	26.5	289.73	41.52	0.19	4.09	Stainless
ESS 1.7×26×95×27.5	1.7	26	95	27.5	303.2	41.52	0.18	4.09	Stainless
ESS 1.7×26×97.5×29.5	1.7	26	97.5	29.5	316.67	41.52	0.17	4.09	Stainless
ESS 1.7×26×100×30.5	1.7	26	100	30.5	330.08	41.52	0.16	4.09	Stainless
ESS 1.7×26×102.5×32.5	1.7	26	102.5	32.5	343.54	41.52	0.16	4.09	Stainless
ESS 1.7×26×105×33.5	1.7	26	105	33.5	357.08	41.52	0.15	4.09	Stainless
ESS 1.7×26×107.5×35.5	1.7	26	107.5	35.5	370.56	41.52	0.14	4.09	Stainless
ESS 1.7×26×110×36.5	1.7	26	110	36.5	384.04	41.52	0.14	4.09	Stainless
ESS 1.7×26×112.5×38.5	1.7	26	112.5	38.5	397.6	41.52	0.13	4.09	Stainless
ESS 1.7×26×115×39.5	1.7	26	115	39.5	410.92	41.52	0.13	4.09	Stainless
ESM 1.8×26×67.5×11.5	1.8	26	67.5	11.5	143.02	56.92	0.68	5.32	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



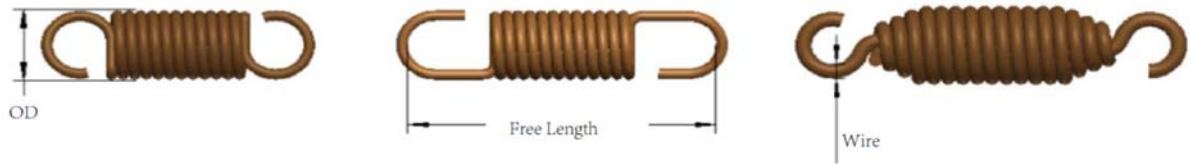
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×26×70×12.5	1.8	26	70	12.5	154.88	56.92	0.61	5.32	Carbon
ESM 1.8×26×72.5×13.5	1.8	26	72.5	13.5	166.74	56.92	0.55	5.32	Carbon
ESM 1.8×26×75×15.5	1.8	26	75	15.5	178.59	56.92	0.5	5.32	Carbon
ESM 1.8×26×77.5×16.5	1.8	26	77.5	16.5	190.46	56.92	0.46	5.32	Carbon
ESM 1.8×26×80×18.5	1.8	26	80	18.5	202.3	56.92	0.42	5.32	Carbon
ESM 1.8×26×82.5×19.5	1.8	26	82.5	19.5	214.16	56.92	0.39	5.32	Carbon
ESM 1.8×26×85×20.5	1.8	26	85	20.5	226.02	56.92	0.37	5.32	Carbon
ESM 1.8×26×87.5×22.5	1.8	26	87.5	22.5	237.89	56.92	0.34	5.32	Carbon
ESM 1.8×26×90×23.5	1.8	26	90	23.5	249.75	56.92	0.32	5.32	Carbon
ESM 1.8×26×92.5×25.5	1.8	26	92.5	25.5	261.56	56.92	0.31	5.32	Carbon
ESM 1.8×26×95×26.5	1.8	26	95	26.5	273.42	56.92	0.29	5.32	Carbon
ESM 1.8×26×97.5×27.5	1.8	26	97.5	27.5	285.33	56.92	0.27	5.32	Carbon
ESM 1.8×26×100×29.5	1.8	26	100	29.5	297.16	56.92	0.26	5.32	Carbon
ESM 1.8×26×102.5×30.5	1.8	26	102.5	30.5	309.06	56.92	0.25	5.32	Carbon
ESM 1.8×26×105×32.5	1.8	26	105	32.5	320.89	56.92	0.24	5.32	Carbon
ESM 1.8×26×107.5×33.5	1.8	26	107.5	33.5	332.72	56.92	0.23	5.32	Carbon
ESM 1.8×26×110×34.5	1.8	26	110	34.5	344.54	56.92	0.22	5.32	Carbon
ESM 1.8×26×112.5×36.5	1.8	26	112.5	36.5	356.46	56.92	0.21	5.32	Carbon
ESM 1.8×26×115×37.5	1.8	26	115	37.5	368.3	56.92	0.2	5.32	Carbon
ESS 1.8×26×67.5×11.5	1.8	26	67.5	11.5	144.39	49.1	0.57	5.32	Stainless
ESS 1.8×26×70×12.5	1.8	26	70	12.5	156.41	49.1	0.51	5.32	Stainless
ESS 1.8×26×72.5×13.5	1.8	26	72.5	13.5	168.43	49.1	0.46	5.32	Stainless
ESS 1.8×26×75×15.5	1.8	26	75	15.5	180.45	49.1	0.42	5.32	Stainless
ESS 1.8×26×77.5×16.5	1.8	26	77.5	16.5	192.48	49.1	0.38	5.32	Stainless
ESS 1.8×26×80×18.5	1.8	26	80	18.5	204.5	49.1	0.35	5.32	Stainless
ESS 1.8×26×82.5×19.5	1.8	26	82.5	19.5	216.53	49.1	0.33	5.32	Stainless
ESS 1.8×26×85×20.5	1.8	26	85	20.5	228.57	49.1	0.3	5.32	Stainless
ESS 1.8×26×87.5×22.5	1.8	26	87.5	22.5	240.61	49.1	0.29	5.32	Stainless
ESS 1.8×26×90×23.5	1.8	26	90	23.5	252.61	49.1	0.27	5.32	Stainless
ESS 1.8×26×92.5×25.5	1.8	26	92.5	25.5	264.63	49.1	0.25	5.32	Stainless
ESS 1.8×26×95×26.5	1.8	26	95	26.5	276.63	49.1	0.24	5.32	Stainless
ESS 1.8×26×97.5×27.5	1.8	26	97.5	27.5	288.65	49.1	0.23	5.32	Stainless
ESS 1.8×26×100×29.5	1.8	26	100	29.5	300.7	49.1	0.22	5.32	Stainless
ESS 1.8×26×102.5×30.5	1.8	26	102.5	30.5	312.75	49.1	0.21	5.32	Stainless
ESS 1.8×26×105×32.5	1.8	26	105	32.5	324.75	49.1	0.2	5.32	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



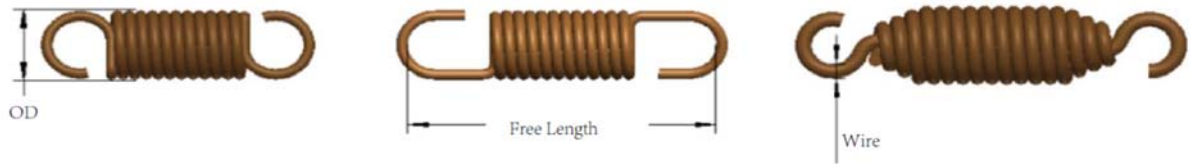
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.8×26×107.5×33.5	1.8	26	107.5	33.5	336.8	49.1	0.19	5.32	Stainless
ESS 1.8×26×110×34.5	1.8	26	110	34.5	348.81	49.1	0.18	5.32	Stainless
ESS 1.8×26×112.5×36.5	1.8	26	112.5	36.5	360.79	49.1	0.18	5.32	Stainless
ESS 1.8×26×115×37.5	1.8	26	115	37.5	372.8	49.1	0.17	5.32	Stainless
ESM 1.9×26×67.5×10.5	1.9	26	67.5	10.5	134.23	66.53	0.89	6.81	Carbon
ESM 1.9×26×70×12.5	1.9	26	70	12.5	144.89	66.53	0.8	6.81	Carbon
ESM 1.9×26×72.5×13.5	1.9	26	72.5	13.5	155.56	66.53	0.72	6.81	Carbon
ESM 1.9×26×75×14.5	1.9	26	75	14.5	166.22	66.53	0.65	6.81	Carbon
ESM 1.9×26×77.5×16.5	1.9	26	77.5	16.5	176.89	66.53	0.6	6.81	Carbon
ESM 1.9×26×80×17.5	1.9	26	80	17.5	187.55	66.53	0.56	6.81	Carbon
ESM 1.9×26×82.5×18.5	1.9	26	82.5	18.5	198.22	66.53	0.52	6.81	Carbon
ESM 1.9×26×85×19.5	1.9	26	85	19.5	208.88	66.53	0.48	6.81	Carbon
ESM 1.9×26×87.5×21.5	1.9	26	87.5	21.5	219.54	66.53	0.45	6.81	Carbon
ESM 1.9×26×90×22.5	1.9	26	90	22.5	230.19	66.53	0.43	6.81	Carbon
ESM 1.9×26×92.5×23.5	1.9	26	92.5	23.5	240.84	66.53	0.4	6.81	Carbon
ESM 1.9×26×95×25.5	1.9	26	95	25.5	251.5	66.53	0.38	6.81	Carbon
ESM 1.9×26×97.5×26.5	1.9	26	97.5	26.5	262.2	66.53	0.36	6.81	Carbon
ESM 1.9×26×100×27.5	1.9	26	100	27.5	272.85	66.53	0.35	6.81	Carbon
ESM 1.9×26×102.5×29.5	1.9	26	102.5	29.5	283.53	66.53	0.33	6.81	Carbon
ESM 1.9×26×105×30.5	1.9	26	105	30.5	294.17	66.53	0.32	6.81	Carbon
ESM 1.9×26×107.5×31.5	1.9	26	107.5	31.5	304.86	66.53	0.3	6.81	Carbon
ESM 1.9×26×110×33.5	1.9	26	110	33.5	315.51	66.53	0.29	6.81	Carbon
ESM 1.9×26×112.5×34.5	1.9	26	112.5	34.5	326.17	66.53	0.28	6.81	Carbon
ESM 1.9×26×115×35.5	1.9	26	115	35.5	336.84	66.53	0.27	6.81	Carbon
ESS 1.9×26×67.5×10.5	1.9	26	67.5	10.5	135.5	57.52	0.75	6.81	Stainless
ESS 1.9×26×70×12.5	1.9	26	70	12.5	146.31	57.52	0.66	6.81	Stainless
ESS 1.9×26×72.5×13.5	1.9	26	72.5	13.5	157.13	57.52	0.6	6.81	Stainless
ESS 1.9×26×75×14.5	1.9	26	75	14.5	167.95	57.52	0.55	6.81	Stainless
ESS 1.9×26×77.5×16.5	1.9	26	77.5	16.5	178.76	57.52	0.5	6.81	Stainless
ESS 1.9×26×80×17.5	1.9	26	80	17.5	189.57	57.52	0.46	6.81	Stainless
ESS 1.9×26×82.5×18.5	1.9	26	82.5	18.5	200.41	57.52	0.43	6.81	Stainless
ESS 1.9×26×85×19.5	1.9	26	85	19.5	211.21	57.52	0.4	6.81	Stainless
ESS 1.9×26×87.5×21.5	1.9	26	87.5	21.5	222.05	57.52	0.38	6.81	Stainless
ESS 1.9×26×90×22.5	1.9	26	90	22.5	232.85	57.52	0.36	6.81	Stainless
ESS 1.9×26×92.5×23.5	1.9	26	92.5	23.5	243.65	57.52	0.34	6.81	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



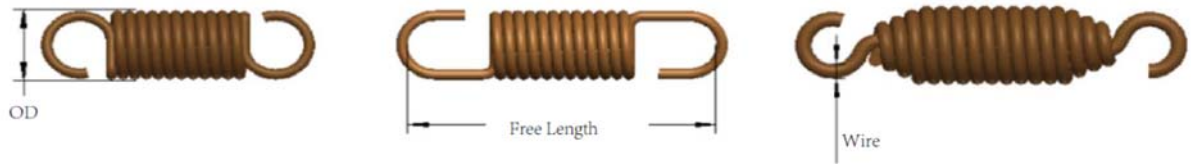
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×26×95×25.5	1.9	26	95	25.5	254.47	57.52	0.32	6.81	Stainless
ESS 1.9×26×97.5×26.5	1.9	26	97.5	26.5	265.31	57.52	0.3	6.81	Stainless
ESS 1.9×26×100×27.5	1.9	26	100	27.5	276.14	57.52	0.29	6.81	Stainless
ESS 1.9×26×102.5×29.5	1.9	26	102.5	29.5	286.9	57.52	0.28	6.81	Stainless
ESS 1.9×26×105×30.5	1.9	26	105	30.5	297.75	57.52	0.26	6.81	Stainless
ESS 1.9×26×107.5×31.5	1.9	26	107.5	31.5	308.58	57.52	0.25	6.81	Stainless
ESS 1.9×26×110×33.5	1.9	26	110	33.5	319.38	57.52	0.24	6.81	Stainless
ESS 1.9×26×112.5×34.5	1.9	26	112.5	34.5	330.24	57.52	0.23	6.81	Stainless
ESS 1.9×26×115×35.5	1.9	26	115	35.5	340.99	57.52	0.22	6.81	Stainless
ESM 2×26×67.5×10.5	2	26	67.5	10.5	127	77.38	1.16	8.57	Carbon
ESM 2×26×70×11.5	2	26	70	11.5	136.7	77.38	1.03	8.57	Carbon
ESM 2×26×72.5×12.5	2	26	72.5	12.5	146.38	77.38	0.93	8.57	Carbon
ESM 2×26×75×14.5	2	26	75	14.5	156.07	77.38	0.85	8.57	Carbon
ESM 2×26×77.5×15.5	2	26	77.5	15.5	165.75	77.38	0.78	8.57	Carbon
ESM 2×26×80×16.5	2	26	80	16.5	175.44	77.38	0.72	8.57	Carbon
ESM 2×26×82.5×17.5	2	26	82.5	17.5	185.13	77.38	0.67	8.57	Carbon
ESM 2×26×85×19.5	2	26	85	19.5	194.82	77.38	0.63	8.57	Carbon
ESM 2×26×87.5×20.5	2	26	87.5	20.5	204.5	77.38	0.59	8.57	Carbon
ESM 2×26×90×21.5	2	26	90	21.5	214.18	77.38	0.55	8.57	Carbon
ESM 2×26×92.5×22.5	2	26	92.5	22.5	223.87	77.38	0.52	8.57	Carbon
ESM 2×26×95×24.5	2	26	95	24.5	233.56	77.38	0.5	8.57	Carbon
ESM 2×26×97.5×25.5	2	26	97.5	25.5	243.25	77.38	0.47	8.57	Carbon
ESM 2×26×100×26.5	2	26	100	26.5	252.95	77.38	0.45	8.57	Carbon
ESM 2×26×102.5×27.5	2	26	102.5	27.5	262.64	77.38	0.43	8.57	Carbon
ESM 2×26×105×29.5	2	26	105	29.5	272.3	77.38	0.41	8.57	Carbon
ESM 2×26×107.5×30.5	2	26	107.5	30.5	282.01	77.38	0.39	8.57	Carbon
ESM 2×26×110×31.5	2	26	110	31.5	291.7	77.38	0.38	8.57	Carbon
ESM 2×26×112.5×32.5	2	26	112.5	32.5	301.38	77.38	0.36	8.57	Carbon
ESM 2×26×115×34.5	2	26	115	34.5	311.04	77.38	0.35	8.57	Carbon
ESS 2×26×67.5×10.5	2	26	67.5	10.5	127.96	66.83	0.96	8.57	Stainless
ESS 2×26×70×11.5	2	26	70	11.5	137.76	66.83	0.86	8.57	Stainless
ESS 2×26×72.5×12.5	2	26	72.5	12.5	147.57	66.83	0.78	8.57	Stainless
ESS 2×26×75×14.5	2	26	75	14.5	157.37	66.83	0.71	8.57	Stainless
ESS 2×26×77.5×15.5	2	26	77.5	15.5	167.17	66.83	0.65	8.57	Stainless
ESS 2×26×80×16.5	2	26	80	16.5	176.97	66.83	0.6	8.57	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



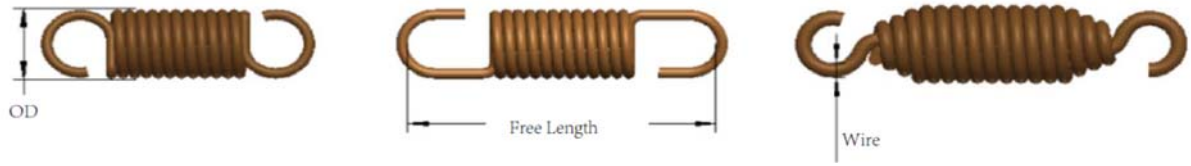
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×26×82.5×17.5	2	26	82.5	17.5	186.77	66.83	0.56	8.57	Stainless
ESS 2×26×85×19.5	2	26	85	19.5	196.56	66.83	0.52	8.57	Stainless
ESS 2×26×87.5×20.5	2	26	87.5	20.5	206.37	66.83	0.49	8.57	Stainless
ESS 2×26×90×21.5	2	26	90	21.5	216.18	66.83	0.46	8.57	Stainless
ESS 2×26×92.5×22.5	2	26	92.5	22.5	225.97	66.83	0.44	8.57	Stainless
ESS 2×26×95×24.5	2	26	95	24.5	235.79	66.83	0.41	8.57	Stainless
ESS 2×26×97.5×25.5	2	26	97.5	25.5	245.59	66.83	0.39	8.57	Stainless
ESS 2×26×100×26.5	2	26	100	26.5	255.4	66.83	0.37	8.57	Stainless
ESS 2×26×102.5×27.5	2	26	102.5	27.5	265.19	66.83	0.36	8.57	Stainless
ESS 2×26×105×29.5	2	26	105	29.5	275	66.83	0.34	8.57	Stainless
ESS 2×26×107.5×30.5	2	26	107.5	30.5	284.79	66.83	0.33	8.57	Stainless
ESS 2×26×110×31.5	2	26	110	31.5	294.6	66.83	0.32	8.57	Stainless
ESS 2×26×112.5×32.5	2	26	112.5	32.5	304.39	66.83	0.3	8.57	Stainless
ESS 2×26×115×34.5	2	26	115	34.5	314.17	66.83	0.29	8.57	Stainless
ESM 2.1×26×70×11.5	2.1	26	70	11.5	129.68	89.32	1.32	10.63	Carbon
ESM 2.1×26×72.5×12.5	2.1	26	72.5	12.5	138.54	89.32	1.19	10.63	Carbon
ESM 2.1×26×75×13.5	2.1	26	75	13.5	147.39	89.32	1.09	10.63	Carbon
ESM 2.1×26×77.5×14.5	2.1	26	77.5	14.5	156.25	89.32	1	10.63	Carbon
ESM 2.1×26×80×15.5	2.1	26	80	15.5	165.12	89.32	0.92	10.63	Carbon
ESM 2.1×26×82.5×17.5	2.1	26	82.5	17.5	173.97	89.32	0.86	10.63	Carbon
ESM 2.1×26×85×18.5	2.1	26	85	18.5	182.84	89.32	0.8	10.63	Carbon
ESM 2.1×26×87.5×19.5	2.1	26	87.5	19.5	191.7	89.32	0.76	10.63	Carbon
ESM 2.1×26×90×20.5	2.1	26	90	20.5	200.55	89.32	0.71	10.63	Carbon
ESM 2.1×26×92.5×21.5	2.1	26	92.5	21.5	209.41	89.32	0.67	10.63	Carbon
ESM 2.1×26×95×23.5	2.1	26	95	23.5	218.26	89.32	0.64	10.63	Carbon
ESM 2.1×26×97.5×24.5	2.1	26	97.5	24.5	227.14	89.32	0.61	10.63	Carbon
ESM 2.1×26×100×25.5	2.1	26	100	25.5	235.98	89.32	0.58	10.63	Carbon
ESM 2.1×26×102.5×26.5	2.1	26	102.5	26.5	244.85	89.32	0.55	10.63	Carbon
ESM 2.1×26×105×27.5	2.1	26	105	27.5	253.7	89.32	0.53	10.63	Carbon
ESM 2.1×26×107.5×29.5	2.1	26	107.5	29.5	262.56	89.32	0.51	10.63	Carbon
ESM 2.1×26×110×30.5	2.1	26	110	30.5	271.42	89.32	0.49	10.63	Carbon
ESM 2.1×26×112.5×31.5	2.1	26	112.5	31.5	280.28	89.32	0.47	10.63	Carbon
ESM 2.1×26×115×32.5	2.1	26	115	32.5	289.13	89.32	0.45	10.63	Carbon
ESM 2.1×26×117.5×33.5	2.1	26	117.5	33.5	298.03	89.32	0.44	10.63	Carbon
ESS 2.1×26×70×11.5	2.1	26	70	11.5	130.45	77.06	1.1	10.63	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×26×72.5×12.5	2.1	26	72.5	12.5	139.39	77.06	0.99	10.63	Stainless
ESS 2.1×26×75×13.5	2.1	26	75	13.5	148.33	77.06	0.91	10.63	Stainless
ESS 2.1×26×77.5×14.5	2.1	26	77.5	14.5	157.27	77.06	0.83	10.63	Stainless
ESS 2.1×26×80×15.5	2.1	26	80	15.5	166.22	77.06	0.77	10.63	Stainless
ESS 2.1×26×82.5×17.5	2.1	26	82.5	17.5	175.16	77.06	0.72	10.63	Stainless
ESS 2.1×26×85×18.5	2.1	26	85	18.5	184.1	77.06	0.67	10.63	Stainless
ESS 2.1×26×87.5×19.5	2.1	26	87.5	19.5	193.04	77.06	0.63	10.63	Stainless
ESS 2.1×26×90×20.5	2.1	26	90	20.5	201.98	77.06	0.59	10.63	Stainless
ESS 2.1×26×92.5×21.5	2.1	26	92.5	21.5	210.93	77.06	0.56	10.63	Stainless
ESS 2.1×26×95×23.5	2.1	26	95	23.5	219.86	77.06	0.53	10.63	Stainless
ESS 2.1×26×97.5×24.5	2.1	26	97.5	24.5	228.8	77.06	0.51	10.63	Stainless
ESS 2.1×26×100×25.5	2.1	26	100	25.5	237.75	77.06	0.48	10.63	Stainless
ESS 2.1×26×102.5×26.5	2.1	26	102.5	26.5	246.68	77.06	0.46	10.63	Stainless
ESS 2.1×26×105×27.5	2.1	26	105	27.5	255.62	77.06	0.44	10.63	Stainless
ESS 2.1×26×107.5×29.5	2.1	26	107.5	29.5	264.57	77.06	0.42	10.63	Stainless
ESS 2.1×26×110×30.5	2.1	26	110	30.5	273.53	77.06	0.41	10.63	Stainless
ESS 2.1×26×112.5×31.5	2.1	26	112.5	31.5	282.47	77.06	0.39	10.63	Stainless
ESS 2.1×26×115×32.5	2.1	26	115	32.5	291.38	77.06	0.38	10.63	Stainless
ESS 2.1×26×117.5×33.5	2.1	26	117.5	33.5	300.34	77.06	0.36	10.63	Stainless
ESM 2.2×26×70×10.5	2.2	26	70	10.5	123.42	102.04	1.67	13.02	Carbon
ESM 2.2×26×72.5×11.5	2.2	26	72.5	11.5	131.55	102.04	1.51	13.02	Carbon
ESM 2.2×26×75×13.5	2.2	26	75	13.5	139.68	102.04	1.38	13.02	Carbon
ESM 2.2×26×77.5×14.5	2.2	26	77.5	14.5	147.81	102.04	1.27	13.02	Carbon
ESM 2.2×26×80×15.5	2.2	26	80	15.5	155.94	102.04	1.17	13.02	Carbon
ESM 2.2×26×82.5×16.5	2.2	26	82.5	16.5	164.07	102.04	1.09	13.02	Carbon
ESM 2.2×26×85×17.5	2.2	26	85	17.5	172.2	102.04	1.02	13.02	Carbon
ESM 2.2×26×87.5×18.5	2.2	26	87.5	18.5	180.33	102.04	0.96	13.02	Carbon
ESM 2.2×26×90×19.5	2.2	26	90	19.5	188.45	102.04	0.9	13.02	Carbon
ESM 2.2×26×92.5×21.5	2.2	26	92.5	21.5	196.58	102.04	0.86	13.02	Carbon
ESM 2.2×26×95×22.5	2.2	26	95	22.5	204.71	102.04	0.81	13.02	Carbon
ESM 2.2×26×97.5×23.5	2.2	26	97.5	23.5	212.84	102.04	0.77	13.02	Carbon
ESM 2.2×26×100×24.5	2.2	26	100	24.5	220.97	102.04	0.74	13.02	Carbon
ESM 2.2×26×102.5×25.5	2.2	26	102.5	25.5	229.11	102.04	0.7	13.02	Carbon
ESM 2.2×26×105×26.5	2.2	26	105	26.5	237.24	102.04	0.67	13.02	Carbon
ESM 2.2×26×107.5×27.5	2.2	26	107.5	27.5	245.37	102.04	0.65	13.02	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×26×110×28.5	2.2	26	110	28.5	253.49	102.04	0.62	13.02	Carbon
ESM 2.2×26×112.5×30.5	2.2	26	112.5	30.5	261.64	102.04	0.6	13.02	Carbon
ESM 2.2×26×115×31.5	2.2	26	115	31.5	269.77	102.04	0.58	13.02	Carbon
ESM 2.2×26×117.5×32.5	2.2	26	117.5	32.5	277.9	102.04	0.56	13.02	Carbon
ESS 2.2×26×70×10.5	2.2	26	70	10.5	124.16	88.24	1.39	13.02	Stainless
ESS 2.2×26×72.5×11.5	2.2	26	72.5	11.5	132.37	88.24	1.26	13.02	Stainless
ESS 2.2×26×75×13.5	2.2	26	75	13.5	140.58	88.24	1.15	13.02	Stainless
ESS 2.2×26×77.5×14.5	2.2	26	77.5	14.5	148.79	88.24	1.06	13.02	Stainless
ESS 2.2×26×80×15.5	2.2	26	80	15.5	157	88.24	0.98	13.02	Stainless
ESS 2.2×26×82.5×16.5	2.2	26	82.5	16.5	165.21	88.24	0.91	13.02	Stainless
ESS 2.2×26×85×17.5	2.2	26	85	17.5	173.41	88.24	0.85	13.02	Stainless
ESS 2.2×26×87.5×18.5	2.2	26	87.5	18.5	181.62	88.24	0.8	13.02	Stainless
ESS 2.2×26×90×19.5	2.2	26	90	19.5	189.83	88.24	0.75	13.02	Stainless
ESS 2.2×26×92.5×21.5	2.2	26	92.5	21.5	198.04	88.24	0.71	13.02	Stainless
ESS 2.2×26×95×22.5	2.2	26	95	22.5	206.26	88.24	0.68	13.02	Stainless
ESS 2.2×26×97.5×23.5	2.2	26	97.5	23.5	214.47	88.24	0.64	13.02	Stainless
ESS 2.2×26×100×24.5	2.2	26	100	24.5	222.67	88.24	0.61	13.02	Stainless
ESS 2.2×26×102.5×25.5	2.2	26	102.5	25.5	230.89	88.24	0.59	13.02	Stainless
ESS 2.2×26×105×26.5	2.2	26	105	26.5	239.08	88.24	0.56	13.02	Stainless
ESS 2.2×26×107.5×27.5	2.2	26	107.5	27.5	247.29	88.24	0.54	13.02	Stainless
ESS 2.2×26×110×28.5	2.2	26	110	28.5	255.5	88.24	0.52	13.02	Stainless
ESS 2.2×26×112.5×30.5	2.2	26	112.5	30.5	263.7	88.24	0.5	13.02	Stainless
ESS 2.2×26×115×31.5	2.2	26	115	31.5	271.91	88.24	0.48	13.02	Stainless
ESS 2.2×26×117.5×32.5	2.2	26	117.5	32.5	280.14	88.24	0.46	13.02	Stainless
ESM 2.3×26×70×10.5	2.3	26	70	10.5	118.2	116.26	2.08	15.77	Carbon
ESM 2.3×26×72.5×11.5	2.3	26	72.5	11.5	125.72	116.26	1.89	15.77	Carbon
ESM 2.3×26×75×12.5	2.3	26	75	12.5	133.25	116.26	1.73	15.77	Carbon
ESM 2.3×26×77.5×13.5	2.3	26	77.5	13.5	140.77	116.26	1.59	15.77	Carbon
ESM 2.3×26×80×14.5	2.3	26	80	14.5	148.3	116.26	1.47	15.77	Carbon
ESM 2.3×26×82.5×15.5	2.3	26	82.5	15.5	155.82	116.26	1.37	15.77	Carbon
ESM 2.3×26×85×16.5	2.3	26	85	16.5	163.35	116.26	1.28	15.77	Carbon
ESM 2.3×26×87.5×18.5	2.3	26	87.5	18.5	170.87	116.26	1.21	15.77	Carbon
ESM 2.3×26×90×19.5	2.3	26	90	19.5	178.4	116.26	1.14	15.77	Carbon
ESM 2.3×26×92.5×20.5	2.3	26	92.5	20.5	185.92	116.26	1.08	15.77	Carbon
ESM 2.3×26×95×21.5	2.3	26	95	21.5	193.45	116.26	1.02	15.77	Carbon

M: Carbon Steel;
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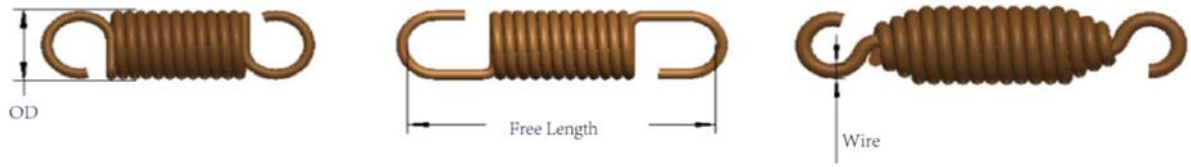
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×26×97.5×22.5	2.3	26	97.5	22.5	200.97	116.26	0.97	15.77	Carbon
ESM 2.3×26×100×23.5	2.3	26	100	23.5	208.49	116.26	0.93	15.77	Carbon
ESM 2.3×26×102.5×24.5	2.3	26	102.5	24.5	216.02	116.26	0.89	15.77	Carbon
ESM 2.3×26×105×25.5	2.3	26	105	25.5	223.54	116.26	0.85	15.77	Carbon
ESM 2.3×26×107.5×26.5	2.3	26	107.5	26.5	231.07	116.26	0.81	15.77	Carbon
ESM 2.3×26×110×27.5	2.3	26	110	27.5	238.6	116.26	0.78	15.77	Carbon
ESM 2.3×26×112.5×28.5	2.3	26	112.5	28.5	246.11	116.26	0.75	15.77	Carbon
ESM 2.3×26×115×29.5	2.3	26	115	29.5	253.64	116.26	0.72	15.77	Carbon
ESM 2.3×26×117.5×31.5	2.3	26	117.5	31.5	261.18	116.26	0.7	15.77	Carbon
ESS 2.3×26×70×10.5	2.3	26	70	10.5	118.72	100.42	1.74	15.77	Stainless
ESS 2.3×26×72.5×11.5	2.3	26	72.5	11.5	126.3	100.42	1.57	15.77	Stainless
ESS 2.3×26×75×12.5	2.3	26	75	12.5	133.88	100.42	1.44	15.77	Stainless
ESS 2.3×26×77.5×13.5	2.3	26	77.5	13.5	141.46	100.42	1.32	15.77	Stainless
ESS 2.3×26×80×14.5	2.3	26	80	14.5	149.04	100.42	1.23	15.77	Stainless
ESS 2.3×26×82.5×15.5	2.3	26	82.5	15.5	156.62	100.42	1.14	15.77	Stainless
ESS 2.3×26×85×16.5	2.3	26	85	16.5	164.2	100.42	1.07	15.77	Stainless
ESS 2.3×26×87.5×18.5	2.3	26	87.5	18.5	171.78	100.42	1	15.77	Stainless
ESS 2.3×26×90×19.5	2.3	26	90	19.5	179.36	100.42	0.95	15.77	Stainless
ESS 2.3×26×92.5×20.5	2.3	26	92.5	20.5	186.94	100.42	0.9	15.77	Stainless
ESS 2.3×26×95×21.5	2.3	26	95	21.5	194.52	100.42	0.85	15.77	Stainless
ESS 2.3×26×97.5×22.5	2.3	26	97.5	22.5	202.1	100.42	0.81	15.77	Stainless
ESS 2.3×26×100×23.5	2.3	26	100	23.5	209.68	100.42	0.77	15.77	Stainless
ESS 2.3×26×102.5×24.5	2.3	26	102.5	24.5	217.25	100.42	0.74	15.77	Stainless
ESS 2.3×26×105×25.5	2.3	26	105	25.5	224.84	100.42	0.71	15.77	Stainless
ESS 2.3×26×107.5×26.5	2.3	26	107.5	26.5	232.41	100.42	0.68	15.77	Stainless
ESS 2.3×26×110×27.5	2.3	26	110	27.5	240	100.42	0.65	15.77	Stainless
ESS 2.3×26×112.5×28.5	2.3	26	112.5	28.5	247.58	100.42	0.63	15.77	Stainless
ESS 2.3×26×115×29.5	2.3	26	115	29.5	255.15	100.42	0.6	15.77	Stainless
ESS 2.3×26×117.5×31.5	2.3	26	117.5	31.5	262.73	100.42	0.58	15.77	Stainless
ESM 2.4×26×70×10.5	2.4	26	70	10.5	113.65	131.7	2.58	18.91	Carbon
ESM 2.4×26×72.5×11.5	2.4	26	72.5	11.5	120.65	131.7	2.34	18.91	Carbon
ESM 2.4×26×75×12.5	2.4	26	75	12.5	127.65	131.7	2.14	18.91	Carbon
ESM 2.4×26×77.5×13.5	2.4	26	77.5	13.5	134.65	131.7	1.97	18.91	Carbon
ESM 2.4×26×80×14.5	2.4	26	80	14.5	141.65	131.7	1.83	18.91	Carbon
ESM 2.4×26×82.5×15.5	2.4	26	82.5	15.5	148.65	131.7	1.71	18.91	Carbon

M: Carbon Steel;
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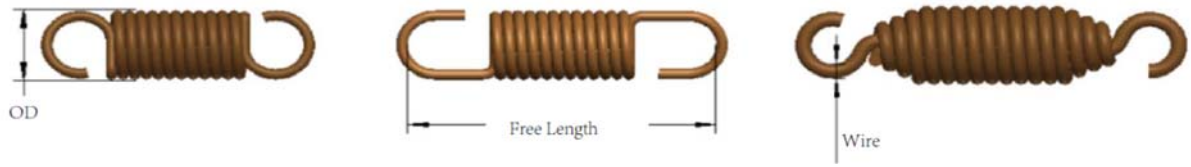
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×26×85×16.5	2.4	26	85	16.5	155.65	131.7	1.6	18.91	Carbon
ESM 2.4×26×87.5×17.5	2.4	26	87.5	17.5	162.66	131.7	1.5	18.91	Carbon
ESM 2.4×26×90×18.5	2.4	26	90	18.5	169.66	131.7	1.42	18.91	Carbon
ESM 2.4×26×92.5×19.5	2.4	26	92.5	19.5	176.66	131.7	1.34	18.91	Carbon
ESM 2.4×26×95×20.5	2.4	26	95	20.5	183.66	131.7	1.27	18.91	Carbon
ESM 2.4×26×97.5×21.5	2.4	26	97.5	21.5	190.66	131.7	1.21	18.91	Carbon
ESM 2.4×26×100×22.5	2.4	26	100	22.5	197.67	131.7	1.15	18.91	Carbon
ESM 2.4×26×102.5×23.5	2.4	26	102.5	23.5	204.67	131.7	1.1	18.91	Carbon
ESM 2.4×26×105×24.5	2.4	26	105	24.5	211.67	131.7	1.06	18.91	Carbon
ESM 2.4×26×107.5×25.5	2.4	26	107.5	25.5	218.67	131.7	1.01	18.91	Carbon
ESM 2.4×26×110×26.5	2.4	26	110	26.5	225.67	131.7	0.98	18.91	Carbon
ESM 2.4×26×112.5×27.5	2.4	26	112.5	27.5	232.67	131.7	0.94	18.91	Carbon
ESM 2.4×26×115×28.5	2.4	26	115	28.5	239.67	131.7	0.9	18.91	Carbon
ESM 2.4×26×117.5×29.5	2.4	26	117.5	29.5	246.67	131.7	0.87	18.91	Carbon
ESS 2.4×26×70×10.5	2.4	26	70	10.5	113.99	113.63	2.15	18.91	Stainless
ESS 2.4×26×72.5×11.5	2.4	26	72.5	11.5	121.02	113.63	1.95	18.91	Stainless
ESS 2.4×26×75×12.5	2.4	26	75	12.5	128.06	113.63	1.79	18.91	Stainless
ESS 2.4×26×77.5×13.5	2.4	26	77.5	13.5	135.09	113.63	1.64	18.91	Stainless
ESS 2.4×26×80×14.5	2.4	26	80	14.5	142.13	113.63	1.52	18.91	Stainless
ESS 2.4×26×82.5×15.5	2.4	26	82.5	15.5	149.17	113.63	1.42	18.91	Stainless
ESS 2.4×26×85×16.5	2.4	26	85	16.5	156.21	113.63	1.33	18.91	Stainless
ESS 2.4×26×87.5×17.5	2.4	26	87.5	17.5	163.24	113.63	1.25	18.91	Stainless
ESS 2.4×26×90×18.5	2.4	26	90	18.5	170.28	113.63	1.18	18.91	Stainless
ESS 2.4×26×92.5×19.5	2.4	26	92.5	19.5	177.32	113.63	1.12	18.91	Stainless
ESS 2.4×26×95×20.5	2.4	26	95	20.5	184.36	113.63	1.06	18.91	Stainless
ESS 2.4×26×97.5×21.5	2.4	26	97.5	21.5	191.39	113.63	1.01	18.91	Stainless
ESS 2.4×26×100×22.5	2.4	26	100	22.5	198.43	113.63	0.96	18.91	Stainless
ESS 2.4×26×102.5×23.5	2.4	26	102.5	23.5	205.46	113.63	0.92	18.91	Stainless
ESS 2.4×26×105×24.5	2.4	26	105	24.5	212.5	113.63	0.88	18.91	Stainless
ESS 2.4×26×107.5×25.5	2.4	26	107.5	25.5	219.54	113.63	0.85	18.91	Stainless
ESS 2.4×26×110×26.5	2.4	26	110	26.5	226.57	113.63	0.81	18.91	Stainless
ESS 2.4×26×112.5×27.5	2.4	26	112.5	27.5	233.6	113.63	0.78	18.91	Stainless
ESS 2.4×26×115×28.5	2.4	26	115	28.5	240.65	113.63	0.75	18.91	Stainless
ESS 2.4×26×117.5×29.5	2.4	26	117.5	29.5	247.69	113.63	0.73	18.91	Stainless
ESM 2.5×26×70×9.5	2.5	26	70	9.5	109.66	148.41	3.18	22.46	Carbon

M: Carbon Steel;
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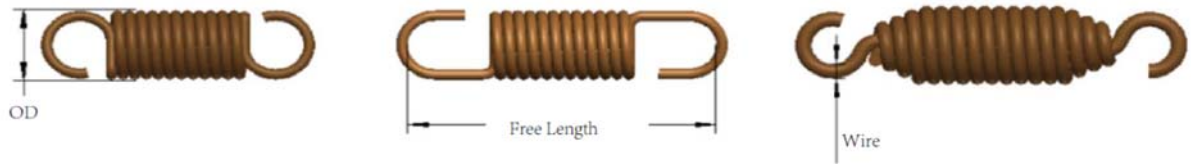
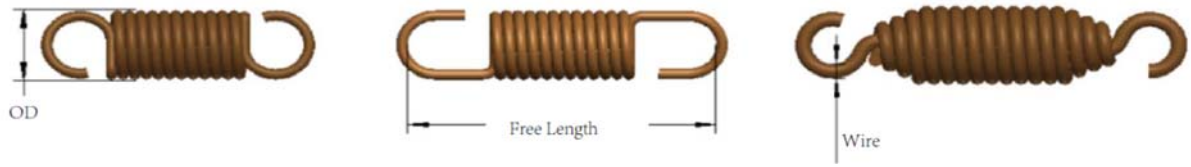
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×26×72.5×10.5	2.5	26	72.5	10.5	116.2	148.41	2.88	22.46	Carbon
ESM 2.5×26×75×11.5	2.5	26	75	11.5	122.75	148.41	2.64	22.46	Carbon
ESM 2.5×26×77.5×12.5	2.5	26	77.5	12.5	129.3	148.41	2.43	22.46	Carbon
ESM 2.5×26×80×13.5	2.5	26	80	13.5	135.84	148.41	2.26	22.46	Carbon
ESM 2.5×26×82.5×14.5	2.5	26	82.5	14.5	142.39	148.41	2.1	22.46	Carbon
ESM 2.5×26×85×15.5	2.5	26	85	15.5	148.94	148.41	1.97	22.46	Carbon
ESM 2.5×26×87.5×16.5	2.5	26	87.5	16.5	155.49	148.41	1.85	22.46	Carbon
ESM 2.5×26×90×17.5	2.5	26	90	17.5	162.03	148.41	1.75	22.46	Carbon
ESM 2.5×26×92.5×18.5	2.5	26	92.5	18.5	168.58	148.41	1.66	22.46	Carbon
ESM 2.5×26×95×19.5	2.5	26	95	19.5	175.13	148.41	1.57	22.46	Carbon
ESM 2.5×26×97.5×20.5	2.5	26	97.5	20.5	181.67	148.41	1.5	22.46	Carbon
ESM 2.5×26×100×21.5	2.5	26	100	21.5	188.22	148.41	1.43	22.46	Carbon
ESM 2.5×26×102.5×22.5	2.5	26	102.5	22.5	194.77	148.41	1.37	22.46	Carbon
ESM 2.5×26×105×23.5	2.5	26	105	23.5	201.32	148.41	1.31	22.46	Carbon
ESM 2.5×26×107.5×24.5	2.5	26	107.5	24.5	207.86	148.41	1.26	22.46	Carbon
ESM 2.5×26×110×25.5	2.5	26	110	25.5	214.4	148.41	1.21	22.46	Carbon
ESM 2.5×26×112.5×26.5	2.5	26	112.5	26.5	220.95	148.41	1.16	22.46	Carbon
ESM 2.5×26×115×27.5	2.5	26	115	27.5	227.5	148.41	1.12	22.46	Carbon
ESM 2.5×26×117.5×28.5	2.5	26	117.5	28.5	234.05	148.41	1.08	22.46	Carbon
ESS 2.5×26×70×9.5	2.5	26	70	9.5	109.84	127.9	2.65	22.46	Stainless
ESS 2.5×26×72.5×10.5	2.5	26	72.5	10.5	116.41	127.9	2.4	22.46	Stainless
ESS 2.5×26×75×11.5	2.5	26	75	11.5	122.97	127.9	2.2	22.46	Stainless
ESS 2.5×26×77.5×12.5	2.5	26	77.5	12.5	129.54	127.9	2.03	22.46	Stainless
ESS 2.5×26×80×13.5	2.5	26	80	13.5	136.1	127.9	1.88	22.46	Stainless
ESS 2.5×26×82.5×14.5	2.5	26	82.5	14.5	142.67	127.9	1.75	22.46	Stainless
ESS 2.5×26×85×15.5	2.5	26	85	15.5	149.23	127.9	1.64	22.46	Stainless
ESS 2.5×26×87.5×16.5	2.5	26	87.5	16.5	155.8	127.9	1.54	22.46	Stainless
ESS 2.5×26×90×17.5	2.5	26	90	17.5	162.37	127.9	1.46	22.46	Stainless
ESS 2.5×26×92.5×18.5	2.5	26	92.5	18.5	168.93	127.9	1.38	22.46	Stainless
ESS 2.5×26×95×19.5	2.5	26	95	19.5	175.5	127.9	1.31	22.46	Stainless
ESS 2.5×26×97.5×20.5	2.5	26	97.5	20.5	182.06	127.9	1.25	22.46	Stainless
ESS 2.5×26×100×21.5	2.5	26	100	21.5	188.62	127.9	1.19	22.46	Stainless
ESS 2.5×26×102.5×22.5	2.5	26	102.5	22.5	195.19	127.9	1.14	22.46	Stainless
ESS 2.5×26×105×23.5	2.5	26	105	23.5	201.75	127.9	1.09	22.46	Stainless
ESS 2.5×26×107.5×24.5	2.5	26	107.5	24.5	208.33	127.9	1.05	22.46	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×26×110×25.5	2.5	26	110	25.5	214.89	127.9	1.01	22.46	Stainless
ESS 2.5×26×112.5×26.5	2.5	26	112.5	26.5	221.45	127.9	0.97	22.46	Stainless
ESS 2.5×26×115×27.5	2.5	26	115	27.5	228.02	127.9	0.93	22.46	Stainless
ESS 2.5×26×117.5×28.5	2.5	26	117.5	28.5	234.58	127.9	0.9	22.46	Stainless
ESM 2.6×26×70×9.5	2.6	26	70	9.5	107.55	165.83	3.71	26.46	Carbon
ESM 2.6×26×72.5×10.5	2.6	26	72.5	10.5	113.84	165.83	3.37	26.46	Carbon
ESM 2.6×26×75×11.5	2.6	26	75	11.5	120.13	165.83	3.09	26.46	Carbon
ESM 2.6×26×77.5×12.5	2.6	26	77.5	12.5	126.43	165.83	2.85	26.46	Carbon
ESM 2.6×26×80×13.5	2.6	26	80	13.5	132.72	165.83	2.64	26.46	Carbon
ESM 2.6×26×82.5×14.5	2.6	26	82.5	14.5	139.01	165.83	2.47	26.46	Carbon
ESM 2.6×26×85×15.5	2.6	26	85	15.5	145.3	165.83	2.31	26.46	Carbon
ESM 2.6×26×87.5×16.5	2.6	26	87.5	16.5	151.59	165.83	2.17	26.46	Carbon
ESM 2.6×26×90×17.5	2.6	26	90	17.5	157.88	165.83	2.05	26.46	Carbon
ESM 2.6×26×92.5×18.5	2.6	26	92.5	18.5	164.18	165.83	1.94	26.46	Carbon
ESM 2.6×26×95×19.5	2.6	26	95	19.5	170.47	165.83	1.85	26.46	Carbon
ESM 2.6×26×97.5×20.5	2.6	26	97.5	20.5	176.76	165.83	1.76	26.46	Carbon
ESM 2.6×26×100×21.5	2.6	26	100	21.5	183.05	165.83	1.68	26.46	Carbon
ESM 2.6×26×102.5×22.5	2.6	26	102.5	22.5	189.34	165.83	1.6	26.46	Carbon
ESM 2.6×26×105×22.5	2.6	26	105	22.5	195.63	165.83	1.54	26.46	Carbon
ESM 2.6×26×107.5×23.5	2.6	26	107.5	23.5	201.93	165.83	1.48	26.46	Carbon
ESM 2.6×26×110×24.5	2.6	26	110	24.5	208.22	165.83	1.42	26.46	Carbon
ESM 2.6×26×112.5×25.5	2.6	26	112.5	25.5	214.51	165.83	1.37	26.46	Carbon
ESM 2.6×26×115×26.5	2.6	26	115	26.5	220.8	165.83	1.32	26.46	Carbon
ESM 2.6×26×117.5×27.5	2.6	26	117.5	27.5	227.09	165.83	1.27	26.46	Carbon
ESS 2.6×26×70×9.5	2.6	26	70	9.5	106.2	143.27	3.23	26.46	Stainless
ESS 2.6×26×72.5×10.5	2.6	26	72.5	10.5	112.35	143.27	2.93	26.46	Stainless
ESS 2.6×26×75×11.5	2.6	26	75	11.5	118.5	143.27	2.69	26.46	Stainless
ESS 2.6×26×77.5×12.5	2.6	26	77.5	12.5	124.66	143.27	2.48	26.46	Stainless
ESS 2.6×26×80×13.5	2.6	26	80	13.5	130.81	143.27	2.3	26.46	Stainless
ESS 2.6×26×82.5×14.5	2.6	26	82.5	14.5	136.97	143.27	2.14	26.46	Stainless
ESS 2.6×26×85×15.5	2.6	26	85	15.5	143.12	143.27	2.01	26.46	Stainless
ESS 2.6×26×87.5×16.5	2.6	26	87.5	16.5	149.28	143.27	1.89	26.46	Stainless
ESS 2.6×26×90×17.5	2.6	26	90	17.5	155.43	143.27	1.79	26.46	Stainless
ESS 2.6×26×92.5×18.5	2.6	26	92.5	18.5	161.59	143.27	1.69	26.46	Stainless
ESS 2.6×26×95×19.5	2.6	26	95	19.5	167.74	143.27	1.61	26.46	Stainless

M: Carbon Steel;
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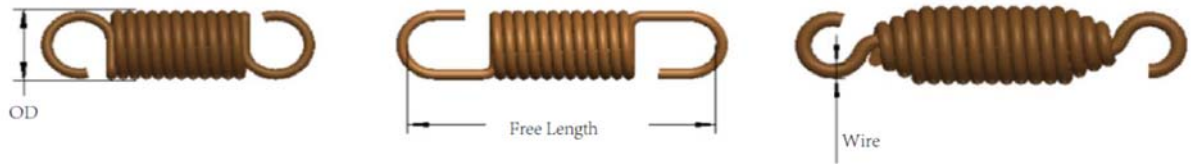
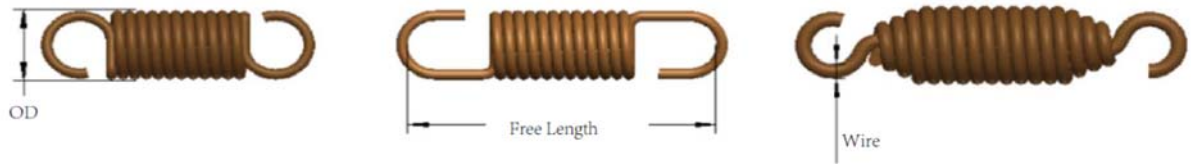
Max Length - Max Load



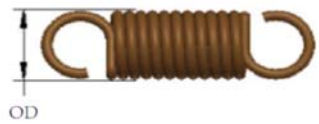
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×26×97.5×20.5	2.6	26	97.5	20.5	173.9	143.27	1.53	26.46	Stainless
ESS 2.6×26×100×21.5	2.6	26	100	21.5	180.05	143.27	1.46	26.46	Stainless
ESS 2.6×26×102.5×22.5	2.6	26	102.5	22.5	186.2	143.27	1.4	26.46	Stainless
ESS 2.6×26×105×22.5	2.6	26	105	22.5	192.36	143.27	1.34	26.46	Stainless
ESS 2.6×26×107.5×23.5	2.6	26	107.5	23.5	198.52	143.27	1.28	26.46	Stainless
ESS 2.6×26×110×24.5	2.6	26	110	24.5	204.67	143.27	1.23	26.46	Stainless
ESS 2.6×26×112.5×25.5	2.6	26	112.5	25.5	210.82	143.27	1.19	26.46	Stainless
ESS 2.6×26×115×26.5	2.6	26	115	26.5	216.98	143.27	1.15	26.46	Stainless
ESS 2.6×26×117.5×27.5	2.6	26	117.5	27.5	223.13	143.27	1.11	26.46	Stainless
ESM 2.7×26×72.5×10.5	2.7	26	72.5	10.5	110.25	185.13	4.08	30.94	Carbon
ESM 2.7×26×75×11.5	2.7	26	75	11.5	116.18	185.13	3.74	30.94	Carbon
ESM 2.7×26×77.5×12.5	2.7	26	77.5	12.5	122.11	185.13	3.46	30.94	Carbon
ESM 2.7×26×80×12.5	2.7	26	80	12.5	128.04	185.13	3.21	30.94	Carbon
ESM 2.7×26×82.5×13.5	2.7	26	82.5	13.5	133.97	185.13	3	30.94	Carbon
ESM 2.7×26×85×14.5	2.7	26	85	14.5	139.89	185.13	2.81	30.94	Carbon
ESM 2.7×26×87.5×15.5	2.7	26	87.5	15.5	145.82	185.13	2.64	30.94	Carbon
ESM 2.7×26×90×16.5	2.7	26	90	16.5	151.75	185.13	2.5	30.94	Carbon
ESM 2.7×26×92.5×17.5	2.7	26	92.5	17.5	157.68	185.13	2.37	30.94	Carbon
ESM 2.7×26×95×18.5	2.7	26	95	18.5	163.61	185.13	2.25	30.94	Carbon
ESM 2.7×26×97.5×19.5	2.7	26	97.5	19.5	169.54	185.13	2.14	30.94	Carbon
ESM 2.7×26×100×20.5	2.7	26	100	20.5	175.47	185.13	2.04	30.94	Carbon
ESM 2.7×26×102.5×21.5	2.7	26	102.5	21.5	181.4	185.13	1.95	30.94	Carbon
ESM 2.7×26×105×22.5	2.7	26	105	22.5	187.33	185.13	1.87	30.94	Carbon
ESM 2.7×26×107.5×23.5	2.7	26	107.5	23.5	193.26	185.13	1.8	30.94	Carbon
ESM 2.7×26×110×24.5	2.7	26	110	24.5	199.19	185.13	1.73	30.94	Carbon
ESM 2.7×26×112.5×25.5	2.7	26	112.5	25.5	205.11	185.13	1.66	30.94	Carbon
ESM 2.7×26×115×25.5	2.7	26	115	25.5	211.05	185.13	1.61	30.94	Carbon
ESM 2.7×26×117.5×26.5	2.7	26	117.5	26.5	216.97	185.13	1.55	30.94	Carbon
ESM 2.7×26×120×27.5	2.7	26	120	27.5	222.9	185.13	1.5	30.94	Carbon
ESS 2.7×26×72.5×10.5	2.7	26	72.5	10.5	108.77	159.76	3.55	30.94	Stainless
ESS 2.7×26×75×11.5	2.7	26	75	11.5	114.56	159.76	3.26	30.94	Stainless
ESS 2.7×26×77.5×12.5	2.7	26	77.5	12.5	120.36	159.76	3.01	30.94	Stainless
ESS 2.7×26×80×12.5	2.7	26	80	12.5	126.15	159.76	2.79	30.94	Stainless
ESS 2.7×26×82.5×13.5	2.7	26	82.5	13.5	131.95	159.76	2.61	30.94	Stainless
ESS 2.7×26×85×14.5	2.7	26	85	14.5	137.74	159.76	2.44	30.94	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×26×87.5×15.5	2.7	26	87.5	15.5	143.54	159.76	2.3	30.94	Stainless
ESS 2.7×26×90×16.5	2.7	26	90	16.5	149.33	159.76	2.17	30.94	Stainless
ESS 2.7×26×92.5×17.5	2.7	26	92.5	17.5	155.13	159.76	2.06	30.94	Stainless
ESS 2.7×26×95×18.5	2.7	26	95	18.5	160.92	159.76	1.95	30.94	Stainless
ESS 2.7×26×97.5×19.5	2.7	26	97.5	19.5	166.71	159.76	1.86	30.94	Stainless
ESS 2.7×26×100×20.5	2.7	26	100	20.5	172.51	159.76	1.78	30.94	Stainless
ESS 2.7×26×102.5×21.5	2.7	26	102.5	21.5	178.3	159.76	1.7	30.94	Stainless
ESS 2.7×26×105×22.5	2.7	26	105	22.5	184.1	159.76	1.63	30.94	Stainless
ESS 2.7×26×107.5×23.5	2.7	26	107.5	23.5	189.89	159.76	1.56	30.94	Stainless
ESS 2.7×26×110×24.5	2.7	26	110	24.5	195.69	159.76	1.5	30.94	Stainless
ESS 2.7×26×112.5×25.5	2.7	26	112.5	25.5	201.48	159.76	1.45	30.94	Stainless
ESS 2.7×26×115×25.5	2.7	26	115	25.5	207.28	159.76	1.4	30.94	Stainless
ESS 2.7×26×117.5×26.5	2.7	26	117.5	26.5	213.07	159.76	1.35	30.94	Stainless
ESS 2.7×26×120×27.5	2.7	26	120	27.5	218.87	159.76	1.3	30.94	Stainless
ESM 2.8×26×75×10.5	2.8	26	75	10.5	112.67	205.83	4.51	35.93	Carbon
ESM 2.8×26×77.5×11.5	2.8	26	77.5	11.5	118.28	205.83	4.17	35.93	Carbon
ESM 2.8×26×80×12.5	2.8	26	80	12.5	123.89	205.83	3.87	35.93	Carbon
ESM 2.8×26×82.5×13.5	2.8	26	82.5	13.5	129.5	205.83	3.62	35.93	Carbon
ESM 2.8×26×85×14.5	2.8	26	85	14.5	135.11	205.83	3.39	35.93	Carbon
ESM 2.8×26×87.5×15.5	2.8	26	87.5	15.5	140.72	205.83	3.19	35.93	Carbon
ESM 2.8×26×90×16.5	2.8	26	90	16.5	146.33	205.83	3.02	35.93	Carbon
ESM 2.8×26×92.5×17.5	2.8	26	92.5	17.5	151.94	205.83	2.86	35.93	Carbon
ESM 2.8×26×95×17.5	2.8	26	95	17.5	157.55	205.83	2.72	35.93	Carbon
ESM 2.8×26×97.5×18.5	2.8	26	97.5	18.5	163.16	205.83	2.59	35.93	Carbon
ESM 2.8×26×100×19.5	2.8	26	100	19.5	168.77	205.83	2.47	35.93	Carbon
ESM 2.8×26×102.5×20.5	2.8	26	102.5	20.5	174.37	205.83	2.36	35.93	Carbon
ESM 2.8×26×105×21.5	2.8	26	105	21.5	179.98	205.83	2.27	35.93	Carbon
ESM 2.8×26×107.5×22.5	2.8	26	107.5	22.5	185.6	205.83	2.18	35.93	Carbon
ESM 2.8×26×110×23.5	2.8	26	110	23.5	191.21	205.83	2.09	35.93	Carbon
ESM 2.8×26×112.5×24.5	2.8	26	112.5	24.5	196.82	205.83	2.02	35.93	Carbon
ESM 2.8×26×115×25.5	2.8	26	115	25.5	202.42	205.83	1.94	35.93	Carbon
ESM 2.8×26×117.5×25.5	2.8	26	117.5	25.5	208.03	205.83	1.88	35.93	Carbon
ESM 2.8×26×120×26.5	2.8	26	120	26.5	213.64	205.83	1.81	35.93	Carbon
ESM 2.8×26×122.5×27.5	2.8	26	122.5	27.5	219.25	205.83	1.76	35.93	Carbon
ESS 2.8×26×75×10.5	2.8	26	75	10.5	111.07	177.41	3.92	35.93	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×26×77.5×11.5	2.8	26	77.5	11.5	116.55	177.41	3.62	35.93	Stainless
ESS 2.8×26×80×12.5	2.8	26	80	12.5	122.03	177.41	3.37	35.93	Stainless
ESS 2.8×26×82.5×13.5	2.8	26	82.5	13.5	127.51	177.41	3.14	35.93	Stainless
ESS 2.8×26×85×14.5	2.8	26	85	14.5	132.98	177.41	2.95	35.93	Stainless
ESS 2.8×26×87.5×15.5	2.8	26	87.5	15.5	138.46	177.41	2.78	35.93	Stainless
ESS 2.8×26×90×16.5	2.8	26	90	16.5	143.94	177.41	2.62	35.93	Stainless
ESS 2.8×26×92.5×17.5	2.8	26	92.5	17.5	149.42	177.41	2.49	35.93	Stainless
ESS 2.8×26×95×17.5	2.8	26	95	17.5	154.9	177.41	2.36	35.93	Stainless
ESS 2.8×26×97.5×18.5	2.8	26	97.5	18.5	160.37	177.41	2.25	35.93	Stainless
ESS 2.8×26×100×19.5	2.8	26	100	19.5	165.85	177.41	2.15	35.93	Stainless
ESS 2.8×26×102.5×20.5	2.8	26	102.5	20.5	171.33	177.41	2.06	35.93	Stainless
ESS 2.8×26×105×21.5	2.8	26	105	21.5	176.81	177.41	1.97	35.93	Stainless
ESS 2.8×26×107.5×22.5	2.8	26	107.5	22.5	182.29	177.41	1.89	35.93	Stainless
ESS 2.8×26×110×23.5	2.8	26	110	23.5	187.77	177.41	1.82	35.93	Stainless
ESS 2.8×26×112.5×24.5	2.8	26	112.5	24.5	193.24	177.41	1.75	35.93	Stainless
ESS 2.8×26×115×25.5	2.8	26	115	25.5	198.72	177.41	1.69	35.93	Stainless
ESS 2.8×26×117.5×25.5	2.8	26	117.5	25.5	204.2	177.41	1.63	35.93	Stainless
ESS 2.8×26×120×26.5	2.8	26	120	26.5	209.68	177.41	1.58	35.93	Stainless
ESS 2.8×26×122.5×27.5	2.8	26	122.5	27.5	215.16	177.41	1.53	35.93	Stainless
ESM 2.9×26×75×10.5	2.9	26	75	10.5	109.38	227.1	5.4	41.46	Carbon
ESM 2.9×26×77.5×11.5	2.9	26	77.5	11.5	114.7	227.1	4.99	41.46	Carbon
ESM 2.9×26×80×12.5	2.9	26	80	12.5	120.01	227.1	4.64	41.46	Carbon
ESM 2.9×26×82.5×13.5	2.9	26	82.5	13.5	125.32	227.1	4.33	41.46	Carbon
ESM 2.9×26×85×13.5	2.9	26	85	13.5	130.64	227.1	4.07	41.46	Carbon
ESM 2.9×26×87.5×14.5	2.9	26	87.5	14.5	135.95	227.1	3.83	41.46	Carbon
ESM 2.9×26×90×15.5	2.9	26	90	15.5	141.27	227.1	3.62	41.46	Carbon
ESM 2.9×26×92.5×16.5	2.9	26	92.5	16.5	146.58	227.1	3.43	41.46	Carbon
ESM 2.9×26×95×17.5	2.9	26	95	17.5	151.9	227.1	3.26	41.46	Carbon
ESM 2.9×26×97.5×18.5	2.9	26	97.5	18.5	157.21	227.1	3.11	41.46	Carbon
ESM 2.9×26×100×19.5	2.9	26	100	19.5	162.52	227.1	2.97	41.46	Carbon
ESM 2.9×26×102.5×20.5	2.9	26	102.5	20.5	167.84	227.1	2.84	41.46	Carbon
ESM 2.9×26×105×20.5	2.9	26	105	20.5	173.15	227.1	2.72	41.46	Carbon
ESM 2.9×26×107.5×21.5	2.9	26	107.5	21.5	178.47	227.1	2.62	41.46	Carbon
ESM 2.9×26×110×22.5	2.9	26	110	22.5	183.78	227.1	2.52	41.46	Carbon
ESM 2.9×26×112.5×23.5	2.9	26	112.5	23.5	189.1	227.1	2.42	41.46	Carbon

M: Carbon Steel;
S: Stainless Steel
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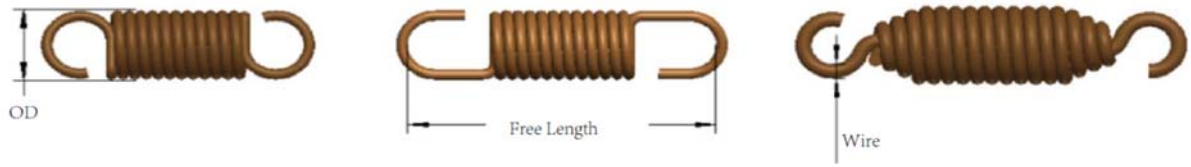
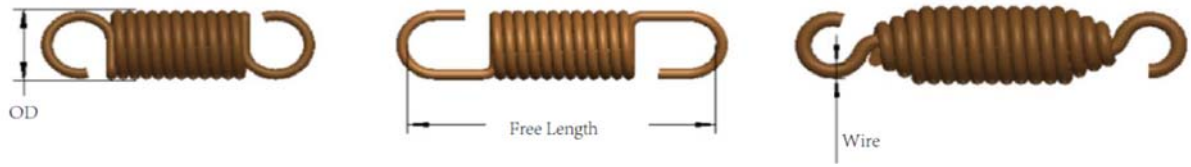
Max Length - Max Load



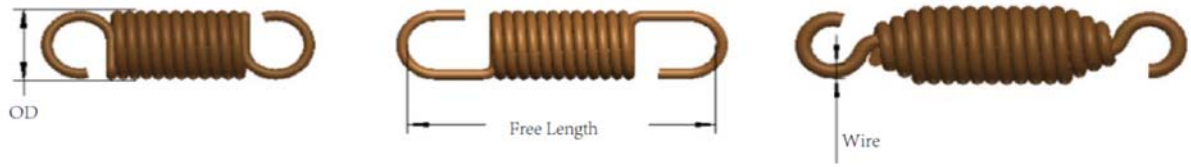
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×26×115×24.5	2.9	26	115	24.5	194.41	227.1	2.34	41.46	Carbon
ESM 2.9×26×117.5×25.5	2.9	26	117.5	25.5	199.73	227.1	2.26	41.46	Carbon
ESM 2.9×26×120×26.5	2.9	26	120	26.5	205.04	227.1	2.18	41.46	Carbon
ESM 2.9×26×122.5×26.5	2.9	26	122.5	26.5	210.35	227.1	2.11	41.46	Carbon
ESS 2.9×26×75×10.5	2.9	26	75	10.5	107.97	196.25	4.7	41.46	Stainless
ESS 2.9×26×77.5×11.5	2.9	26	77.5	11.5	113.17	196.25	4.34	41.46	Stainless
ESS 2.9×26×80×12.5	2.9	26	80	12.5	118.36	196.25	4.03	41.46	Stainless
ESS 2.9×26×82.5×13.5	2.9	26	82.5	13.5	123.56	196.25	3.77	41.46	Stainless
ESS 2.9×26×85×13.5	2.9	26	85	13.5	128.76	196.25	3.54	41.46	Stainless
ESS 2.9×26×87.5×14.5	2.9	26	87.5	14.5	133.96	196.25	3.33	41.46	Stainless
ESS 2.9×26×90×15.5	2.9	26	90	15.5	139.16	196.25	3.15	41.46	Stainless
ESS 2.9×26×92.5×16.5	2.9	26	92.5	16.5	144.36	196.25	2.98	41.46	Stainless
ESS 2.9×26×95×17.5	2.9	26	95	17.5	149.56	196.25	2.84	41.46	Stainless
ESS 2.9×26×97.5×18.5	2.9	26	97.5	18.5	154.76	196.25	2.7	41.46	Stainless
ESS 2.9×26×100×19.5	2.9	26	100	19.5	159.95	196.25	2.58	41.46	Stainless
ESS 2.9×26×102.5×20.5	2.9	26	102.5	20.5	165.15	196.25	2.47	41.46	Stainless
ESS 2.9×26×105×20.5	2.9	26	105	20.5	170.35	196.25	2.37	41.46	Stainless
ESS 2.9×26×107.5×21.5	2.9	26	107.5	21.5	175.55	196.25	2.27	41.46	Stainless
ESS 2.9×26×110×22.5	2.9	26	110	22.5	180.75	196.25	2.19	41.46	Stainless
ESS 2.9×26×112.5×23.5	2.9	26	112.5	23.5	185.95	196.25	2.11	41.46	Stainless
ESS 2.9×26×115×24.5	2.9	26	115	24.5	191.15	196.25	2.03	41.46	Stainless
ESS 2.9×26×117.5×25.5	2.9	26	117.5	25.5	196.34	196.25	1.96	41.46	Stainless
ESS 2.9×26×120×26.5	2.9	26	120	26.5	201.54	196.25	1.9	41.46	Stainless
ESS 2.9×26×122.5×26.5	2.9	26	122.5	26.5	206.74	196.25	1.84	41.46	Stainless
ESM 3×26×75×10.5	3	26	75	10.5	106.6	250.6	6.43	47.57	Carbon
ESM 3×26×77.5×11.5	3	26	77.5	11.5	111.66	250.6	5.94	47.57	Carbon
ESM 3×26×80×11.5	3	26	80	11.5	116.72	250.6	5.53	47.57	Carbon
ESM 3×26×82.5×12.5	3	26	82.5	12.5	121.79	250.6	5.17	47.57	Carbon
ESM 3×26×85×13.5	3	26	85	13.5	126.85	250.6	4.85	47.57	Carbon
ESM 3×26×87.5×14.5	3	26	87.5	14.5	131.92	250.6	4.57	47.57	Carbon
ESM 3×26×90×15.5	3	26	90	15.5	136.98	250.6	4.32	47.57	Carbon
ESM 3×26×92.5×16.5	3	26	92.5	16.5	142.05	250.6	4.1	47.57	Carbon
ESM 3×26×95×16.5	3	26	95	16.5	147.11	250.6	3.9	47.57	Carbon
ESM 3×26×97.5×17.5	3	26	97.5	17.5	152.18	250.6	3.71	47.57	Carbon
ESM 3×26×100×18.5	3	26	100	18.5	157.24	250.6	3.55	47.57	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



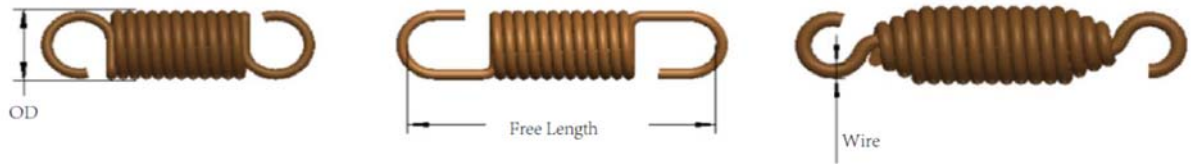
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×26×102.5×19.5	3	26	102.5	19.5	162.31	250.6	3.39	47.57	Carbon
ESM 3×26×105×20.5	3	26	105	20.5	167.37	250.6	3.26	47.57	Carbon
ESM 3×26×107.5×21.5	3	26	107.5	21.5	172.43	250.6	3.13	47.57	Carbon
ESM 3×26×110×21.5	3	26	110	21.5	177.5	250.6	3.01	47.57	Carbon
ESM 3×26×112.5×22.5	3	26	112.5	22.5	182.56	250.6	2.9	47.57	Carbon
ESM 3×26×115×23.5	3	26	115	23.5	187.63	250.6	2.8	47.57	Carbon
ESM 3×26×117.5×24.5	3	26	117.5	24.5	192.69	250.6	2.7	47.57	Carbon
ESM 3×26×120×25.5	3	26	120	25.5	197.76	250.6	2.61	47.57	Carbon
ESM 3×26×122.5×26.5	3	26	122.5	26.5	202.82	250.6	2.53	47.57	Carbon
ESS 3×26×75×10.5	3	26	75	10.5	105.2	216.3	5.59	47.57	Stainless
ESS 3×26×77.5×11.5	3	26	77.5	11.5	110.15	216.3	5.17	47.57	Stainless
ESS 3×26×80×11.5	3	26	80	11.5	115.1	216.3	4.81	47.57	Stainless
ESS 3×26×82.5×12.5	3	26	82.5	12.5	120.05	216.3	4.49	47.57	Stainless
ESS 3×26×85×13.5	3	26	85	13.5	125	216.3	4.22	47.57	Stainless
ESS 3×26×87.5×14.5	3	26	87.5	14.5	129.95	216.3	3.97	47.57	Stainless
ESS 3×26×90×15.5	3	26	90	15.5	134.9	216.3	3.76	47.57	Stainless
ESS 3×26×92.5×16.5	3	26	92.5	16.5	139.85	216.3	3.56	47.57	Stainless
ESS 3×26×95×16.5	3	26	95	16.5	144.8	216.3	3.39	47.57	Stainless
ESS 3×26×97.5×17.5	3	26	97.5	17.5	149.75	216.3	3.23	47.57	Stainless
ESS 3×26×100×18.5	3	26	100	18.5	154.7	216.3	3.08	47.57	Stainless
ESS 3×26×102.5×19.5	3	26	102.5	19.5	159.66	216.3	2.95	47.57	Stainless
ESS 3×26×105×20.5	3	26	105	20.5	164.61	216.3	2.83	47.57	Stainless
ESS 3×26×107.5×21.5	3	26	107.5	21.5	169.56	216.3	2.72	47.57	Stainless
ESS 3×26×110×21.5	3	26	110	21.5	174.51	216.3	2.62	47.57	Stainless
ESS 3×26×112.5×22.5	3	26	112.5	22.5	179.46	216.3	2.52	47.57	Stainless
ESS 3×26×115×23.5	3	26	115	23.5	184.41	216.3	2.43	47.57	Stainless
ESS 3×26×117.5×24.5	3	26	117.5	24.5	189.36	216.3	2.35	47.57	Stainless
ESS 3×26×120×25.5	3	26	120	25.5	194.31	216.3	2.27	47.57	Stainless
ESS 3×26×122.5×26.5	3	26	122.5	26.5	199.26	216.3	2.2	47.57	Stainless
ESM 1.8×27×70×11.5	1.8	27	70	11.5	154.42	54.66	0.59	4.82	Carbon
ESM 1.8×27×72.5×12.5	1.8	27	72.5	12.5	167.13	54.66	0.53	4.82	Carbon
ESM 1.8×27×75×14.5	1.8	27	75	14.5	179.82	54.66	0.48	4.82	Carbon
ESM 1.8×27×77.5×15.5	1.8	27	77.5	15.5	192.52	54.66	0.43	4.82	Carbon
ESM 1.8×27×80×17.5	1.8	27	80	17.5	205.23	54.66	0.4	4.82	Carbon
ESM 1.8×27×82.5×18.5	1.8	27	82.5	18.5	217.94	54.66	0.37	4.82	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



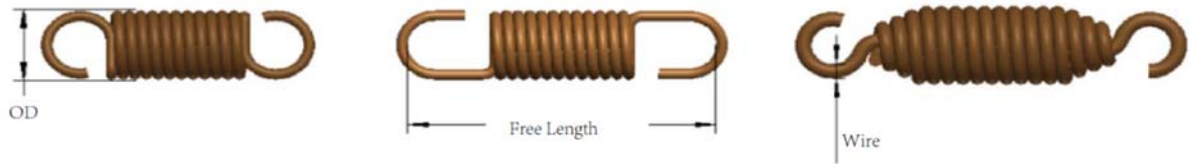
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.8×27×85×19.5	1.8	27	85	19.5	230.65	54.66	0.34	4.82	Carbon
ESM 1.8×27×87.5×21.5	1.8	27	87.5	21.5	243.35	54.66	0.32	4.82	Carbon
ESM 1.8×27×90×22.5	1.8	27	90	22.5	256.08	54.66	0.3	4.82	Carbon
ESM 1.8×27×92.5×23.5	1.8	27	92.5	23.5	268.74	54.66	0.28	4.82	Carbon
ESM 1.8×27×95×25.5	1.8	27	95	25.5	281.46	54.66	0.27	4.82	Carbon
ESM 1.8×27×97.5×26.5	1.8	27	97.5	26.5	294.19	54.66	0.25	4.82	Carbon
ESM 1.8×27×100×28.5	1.8	27	100	28.5	306.89	54.66	0.24	4.82	Carbon
ESM 1.8×27×102.5×29.5	1.8	27	102.5	29.5	319.57	54.66	0.23	4.82	Carbon
ESM 1.8×27×105×30.5	1.8	27	105	30.5	332.27	54.66	0.22	4.82	Carbon
ESM 1.8×27×107.5×32.5	1.8	27	107.5	32.5	344.95	54.66	0.21	4.82	Carbon
ESM 1.8×27×110×33.5	1.8	27	110	33.5	357.71	54.66	0.2	4.82	Carbon
ESM 1.8×27×112.5×35.5	1.8	27	112.5	35.5	370.34	54.66	0.19	4.82	Carbon
ESM 1.8×27×115×36.5	1.8	27	115	36.5	383.1	54.66	0.19	4.82	Carbon
ESM 1.8×27×117.5×37.5	1.8	27	117.5	37.5	395.78	54.66	0.18	4.82	Carbon
ESS 1.8×27×70×11.5	1.8	27	70	11.5	156.03	47.15	0.49	4.82	Stainless
ESS 1.8×27×72.5×12.5	1.8	27	72.5	12.5	168.94	47.15	0.44	4.82	Stainless
ESS 1.8×27×75×14.5	1.8	27	75	14.5	181.83	47.15	0.4	4.82	Stainless
ESS 1.8×27×77.5×15.5	1.8	27	77.5	15.5	194.72	47.15	0.36	4.82	Stainless
ESS 1.8×27×80×17.5	1.8	27	80	17.5	207.64	47.15	0.33	4.82	Stainless
ESS 1.8×27×82.5×18.5	1.8	27	82.5	18.5	220.51	47.15	0.31	4.82	Stainless
ESS 1.8×27×85×19.5	1.8	27	85	19.5	233.41	47.15	0.29	4.82	Stainless
ESS 1.8×27×87.5×21.5	1.8	27	87.5	21.5	246.32	47.15	0.27	4.82	Stainless
ESS 1.8×27×90×22.5	1.8	27	90	22.5	259.24	47.15	0.25	4.82	Stainless
ESS 1.8×27×92.5×23.5	1.8	27	92.5	23.5	272.15	47.15	0.24	4.82	Stainless
ESS 1.8×27×95×25.5	1.8	27	95	25.5	285.06	47.15	0.22	4.82	Stainless
ESS 1.8×27×97.5×26.5	1.8	27	97.5	26.5	297.91	47.15	0.21	4.82	Stainless
ESS 1.8×27×100×28.5	1.8	27	100	28.5	310.79	47.15	0.2	4.82	Stainless
ESS 1.8×27×102.5×29.5	1.8	27	102.5	29.5	323.76	47.15	0.19	4.82	Stainless
ESS 1.8×27×105×30.5	1.8	27	105	30.5	336.67	47.15	0.18	4.82	Stainless
ESS 1.8×27×107.5×32.5	1.8	27	107.5	32.5	349.5	47.15	0.17	4.82	Stainless
ESS 1.8×27×110×33.5	1.8	27	110	33.5	362.39	47.15	0.17	4.82	Stainless
ESS 1.8×27×112.5×35.5	1.8	27	112.5	35.5	375.4	47.15	0.16	4.82	Stainless
ESS 1.8×27×115×36.5	1.8	27	115	36.5	388.25	47.15	0.15	4.82	Stainless
ESS 1.8×27×117.5×37.5	1.8	27	117.5	37.5	401.19	47.15	0.15	4.82	Stainless
ESM 1.9×27×70×11.5	1.9	27	70	11.5	144.62	63.88	0.77	6.19	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



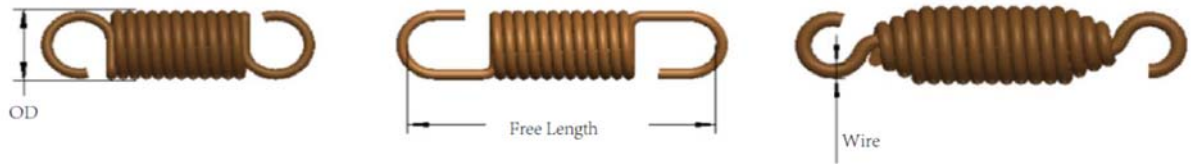
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.9×27×72.5×12.5	1.9	27	72.5	12.5	156.02	63.88	0.69	6.19	Carbon
ESM 1.9×27×75×13.5	1.9	27	75	13.5	167.43	63.88	0.62	6.19	Carbon
ESM 1.9×27×77.5×14.5	1.9	27	77.5	14.5	178.84	63.88	0.57	6.19	Carbon
ESM 1.9×27×80×16.5	1.9	27	80	16.5	190.25	63.88	0.52	6.19	Carbon
ESM 1.9×27×82.5×17.5	1.9	27	82.5	17.5	201.65	63.88	0.48	6.19	Carbon
ESM 1.9×27×85×18.5	1.9	27	85	18.5	213.06	63.88	0.45	6.19	Carbon
ESM 1.9×27×87.5×20.5	1.9	27	87.5	20.5	224.47	63.88	0.42	6.19	Carbon
ESM 1.9×27×90×21.5	1.9	27	90	21.5	235.87	63.88	0.4	6.19	Carbon
ESM 1.9×27×92.5×22.5	1.9	27	92.5	22.5	247.3	63.88	0.37	6.19	Carbon
ESM 1.9×27×95×24.5	1.9	27	95	24.5	258.67	63.88	0.35	6.19	Carbon
ESM 1.9×27×97.5×25.5	1.9	27	97.5	25.5	270.08	63.88	0.33	6.19	Carbon
ESM 1.9×27×100×26.5	1.9	27	100	26.5	281.48	63.88	0.32	6.19	Carbon
ESM 1.9×27×102.5×28.5	1.9	27	102.5	28.5	292.91	63.88	0.3	6.19	Carbon
ESM 1.9×27×105×29.5	1.9	27	105	29.5	304.35	63.88	0.29	6.19	Carbon
ESM 1.9×27×107.5×30.5	1.9	27	107.5	30.5	315.7	63.88	0.28	6.19	Carbon
ESM 1.9×27×110×32.5	1.9	27	110	32.5	327.14	63.88	0.27	6.19	Carbon
ESM 1.9×27×112.5×33.5	1.9	27	112.5	33.5	338.57	63.88	0.26	6.19	Carbon
ESM 1.9×27×115×34.5	1.9	27	115	34.5	349.91	63.88	0.25	6.19	Carbon
ESM 1.9×27×117.5×36.5	1.9	27	117.5	36.5	361.34	63.88	0.24	6.19	Carbon
ESS 1.9×27×70×11.5	1.9	27	70	11.5	146.11	55.23	0.64	6.19	Stainless
ESS 1.9×27×72.5×12.5	1.9	27	72.5	12.5	157.7	55.23	0.58	6.19	Stainless
ESS 1.9×27×75×13.5	1.9	27	75	13.5	169.28	55.23	0.52	6.19	Stainless
ESS 1.9×27×77.5×14.5	1.9	27	77.5	14.5	180.88	55.23	0.47	6.19	Stainless
ESS 1.9×27×80×16.5	1.9	27	80	16.5	192.46	55.23	0.44	6.19	Stainless
ESS 1.9×27×82.5×17.5	1.9	27	82.5	17.5	204.04	55.23	0.4	6.19	Stainless
ESS 1.9×27×85×18.5	1.9	27	85	18.5	215.64	55.23	0.38	6.19	Stainless
ESS 1.9×27×87.5×20.5	1.9	27	87.5	20.5	227.22	55.23	0.35	6.19	Stainless
ESS 1.9×27×90×21.5	1.9	27	90	21.5	238.79	55.23	0.33	6.19	Stainless
ESS 1.9×27×92.5×22.5	1.9	27	92.5	22.5	250.4	55.23	0.31	6.19	Stainless
ESS 1.9×27×95×24.5	1.9	27	95	24.5	261.98	55.23	0.29	6.19	Stainless
ESS 1.9×27×97.5×25.5	1.9	27	97.5	25.5	273.53	55.23	0.28	6.19	Stainless
ESS 1.9×27×100×26.5	1.9	27	100	26.5	285.14	55.23	0.26	6.19	Stainless
ESS 1.9×27×102.5×28.5	1.9	27	102.5	28.5	296.73	55.23	0.25	6.19	Stainless
ESS 1.9×27×105×29.5	1.9	27	105	29.5	308.33	55.23	0.24	6.19	Stainless
ESS 1.9×27×107.5×30.5	1.9	27	107.5	30.5	319.9	55.23	0.23	6.19	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 1.9×27×110×32.5	1.9	27	110	32.5	331.51	55.23	0.22	6.19	Stainless
ESS 1.9×27×112.5×33.5	1.9	27	112.5	33.5	343.07	55.23	0.21	6.19	Stainless
ESS 1.9×27×115×34.5	1.9	27	115	34.5	354.7	55.23	0.2	6.19	Stainless
ESS 1.9×27×117.5×36.5	1.9	27	117.5	36.5	366.19	55.23	0.2	6.19	Stainless
ESM 2×27×70×10.5	2	27	70	10.5	136.55	74.29	1	7.81	Carbon
ESM 2×27×72.5×11.5	2	27	72.5	11.5	146.89	74.29	0.89	7.81	Carbon
ESM 2×27×75×13.5	2	27	75	13.5	157.24	74.29	0.81	7.81	Carbon
ESM 2×27×77.5×14.5	2	27	77.5	14.5	167.59	74.29	0.74	7.81	Carbon
ESM 2×27×80×15.5	2	27	80	15.5	177.93	74.29	0.68	7.81	Carbon
ESM 2×27×82.5×16.5	2	27	82.5	16.5	188.29	74.29	0.63	7.81	Carbon
ESM 2×27×85×18.5	2	27	85	18.5	198.64	74.29	0.59	7.81	Carbon
ESM 2×27×87.5×19.5	2	27	87.5	19.5	208.99	74.29	0.55	7.81	Carbon
ESM 2×27×90×20.5	2	27	90	20.5	219.33	74.29	0.51	7.81	Carbon
ESM 2×27×92.5×21.5	2	27	92.5	21.5	229.68	74.29	0.48	7.81	Carbon
ESM 2×27×95×23.5	2	27	95	23.5	240.02	74.29	0.46	7.81	Carbon
ESM 2×27×97.5×24.5	2	27	97.5	24.5	250.36	74.29	0.43	7.81	Carbon
ESM 2×27×100×25.5	2	27	100	25.5	260.73	74.29	0.41	7.81	Carbon
ESM 2×27×102.5×26.5	2	27	102.5	26.5	271.05	74.29	0.39	7.81	Carbon
ESM 2×27×105×28.5	2	27	105	28.5	281.43	74.29	0.38	7.81	Carbon
ESM 2×27×107.5×29.5	2	27	107.5	29.5	291.75	74.29	0.36	7.81	Carbon
ESM 2×27×110×30.5	2	27	110	30.5	302.13	74.29	0.35	7.81	Carbon
ESM 2×27×112.5×31.5	2	27	112.5	31.5	312.43	74.29	0.33	7.81	Carbon
ESM 2×27×115×33.5	2	27	115	33.5	322.81	74.29	0.32	7.81	Carbon
ESM 2×27×117.5×34.5	2	27	117.5	34.5	333.13	74.29	0.31	7.81	Carbon
ESS 2×27×70×10.5	2	27	70	10.5	137.69	64.16	0.83	7.81	Stainless
ESS 2×27×72.5×11.5	2	27	72.5	11.5	148.18	64.16	0.74	7.81	Stainless
ESS 2×27×75×13.5	2	27	75	13.5	158.65	64.16	0.67	7.81	Stainless
ESS 2×27×77.5×14.5	2	27	77.5	14.5	169.14	64.16	0.61	7.81	Stainless
ESS 2×27×80×15.5	2	27	80	15.5	179.63	64.16	0.57	7.81	Stainless
ESS 2×27×82.5×16.5	2	27	82.5	16.5	190.1	64.16	0.52	7.81	Stainless
ESS 2×27×85×18.5	2	27	85	18.5	200.59	64.16	0.49	7.81	Stainless
ESS 2×27×87.5×19.5	2	27	87.5	19.5	211.07	64.16	0.46	7.81	Stainless
ESS 2×27×90×20.5	2	27	90	20.5	221.56	64.16	0.43	7.81	Stainless
ESS 2×27×92.5×21.5	2	27	92.5	21.5	232.05	64.16	0.4	7.81	Stainless
ESS 2×27×95×23.5	2	27	95	23.5	242.51	64.16	0.38	7.81	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×27×97.5×24.5	2	27	97.5	24.5	252.99	64.16	0.36	7.81	Stainless
ESS 2×27×100×25.5	2	27	100	25.5	263.47	64.16	0.34	7.81	Stainless
ESS 2×27×102.5×26.5	2	27	102.5	26.5	273.98	64.16	0.33	7.81	Stainless
ESS 2×27×105×28.5	2	27	105	28.5	284.45	64.16	0.31	7.81	Stainless
ESS 2×27×107.5×29.5	2	27	107.5	29.5	294.95	64.16	0.3	7.81	Stainless
ESS 2×27×110×30.5	2	27	110	30.5	305.38	64.16	0.29	7.81	Stainless
ESS 2×27×112.5×31.5	2	27	112.5	31.5	315.92	64.16	0.28	7.81	Stainless
ESS 2×27×115×33.5	2	27	115	33.5	326.36	64.16	0.27	7.81	Stainless
ESS 2×27×117.5×34.5	2	27	117.5	34.5	336.84	64.16	0.26	7.81	Stainless
ESM 2.1×27×72.5×11.5	2.1	27	72.5	11.5	139.09	85.74	1.14	9.71	Carbon
ESM 2.1×27×75×12.5	2.1	27	75	12.5	148.54	85.74	1.03	9.71	Carbon
ESM 2.1×27×77.5×13.5	2.1	27	77.5	13.5	157.99	85.74	0.94	9.71	Carbon
ESM 2.1×27×80×14.5	2.1	27	80	14.5	167.44	85.74	0.87	9.71	Carbon
ESM 2.1×27×82.5×16.5	2.1	27	82.5	16.5	176.89	85.74	0.81	9.71	Carbon
ESM 2.1×27×85×17.5	2.1	27	85	17.5	186.33	85.74	0.75	9.71	Carbon
ESM 2.1×27×87.5×18.5	2.1	27	87.5	18.5	195.79	85.74	0.7	9.71	Carbon
ESM 2.1×27×90×19.5	2.1	27	90	19.5	205.23	85.74	0.66	9.71	Carbon
ESM 2.1×27×92.5×20.5	2.1	27	92.5	20.5	214.67	85.74	0.62	9.71	Carbon
ESM 2.1×27×95×22.5	2.1	27	95	22.5	224.13	85.74	0.59	9.71	Carbon
ESM 2.1×27×97.5×23.5	2.1	27	97.5	23.5	233.58	85.74	0.56	9.71	Carbon
ESM 2.1×27×100×24.5	2.1	27	100	24.5	243.02	85.74	0.53	9.71	Carbon
ESM 2.1×27×102.5×25.5	2.1	27	102.5	25.5	252.46	85.74	0.51	9.71	Carbon
ESM 2.1×27×105×26.5	2.1	27	105	26.5	261.92	85.74	0.48	9.71	Carbon
ESM 2.1×27×107.5×28.5	2.1	27	107.5	28.5	271.36	85.74	0.46	9.71	Carbon
ESM 2.1×27×110×29.5	2.1	27	110	29.5	280.81	85.74	0.45	9.71	Carbon
ESM 2.1×27×112.5×30.5	2.1	27	112.5	30.5	290.26	85.74	0.43	9.71	Carbon
ESM 2.1×27×115×31.5	2.1	27	115	31.5	299.72	85.74	0.41	9.71	Carbon
ESM 2.1×27×117.5×32.5	2.1	27	117.5	32.5	309.15	85.74	0.4	9.71	Carbon
ESM 2.1×27×120×34.5	2.1	27	120	34.5	318.61	85.74	0.38	9.71	Carbon
ESS 2.1×27×72.5×11.5	2.1	27	72.5	11.5	140.04	73.96	0.95	9.71	Stainless
ESS 2.1×27×75×12.5	2.1	27	75	12.5	149.59	73.96	0.86	9.71	Stainless
ESS 2.1×27×77.5×13.5	2.1	27	77.5	13.5	159.13	73.96	0.79	9.71	Stainless
ESS 2.1×27×80×14.5	2.1	27	80	14.5	168.68	73.96	0.72	9.71	Stainless
ESS 2.1×27×82.5×16.5	2.1	27	82.5	16.5	178.22	73.96	0.67	9.71	Stainless
ESS 2.1×27×85×17.5	2.1	27	85	17.5	187.78	73.96	0.63	9.71	Stainless

M: Carbon Steel;
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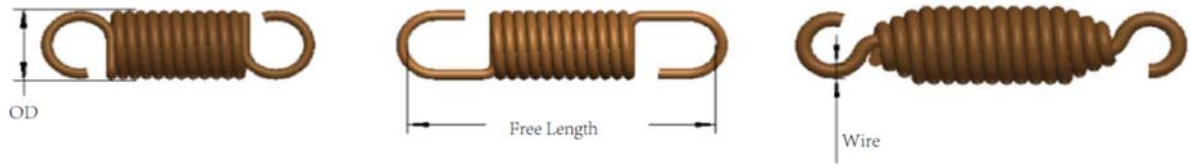
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×27×87.5×18.5	2.1	27	87.5	18.5	197.32	73.96	0.59	9.71	Stainless
ESS 2.1×27×90×19.5	2.1	27	90	19.5	206.87	73.96	0.55	9.71	Stainless
ESS 2.1×27×92.5×20.5	2.1	27	92.5	20.5	216.4	73.96	0.52	9.71	Stainless
ESS 2.1×27×95×22.5	2.1	27	95	22.5	225.95	73.96	0.49	9.71	Stainless
ESS 2.1×27×97.5×23.5	2.1	27	97.5	23.5	235.51	73.96	0.47	9.71	Stainless
ESS 2.1×27×100×24.5	2.1	27	100	24.5	245.05	73.96	0.44	9.71	Stainless
ESS 2.1×27×102.5×25.5	2.1	27	102.5	25.5	254.58	73.96	0.42	9.71	Stainless
ESS 2.1×27×105×26.5	2.1	27	105	26.5	264.13	73.96	0.4	9.71	Stainless
ESS 2.1×27×107.5×28.5	2.1	27	107.5	28.5	273.71	73.96	0.39	9.71	Stainless
ESS 2.1×27×110×29.5	2.1	27	110	29.5	283.24	73.96	0.37	9.71	Stainless
ESS 2.1×27×112.5×30.5	2.1	27	112.5	30.5	292.79	73.96	0.36	9.71	Stainless
ESS 2.1×27×115×31.5	2.1	27	115	31.5	302.33	73.96	0.34	9.71	Stainless
ESS 2.1×27×117.5×32.5	2.1	27	117.5	32.5	311.86	73.96	0.33	9.71	Stainless
ESS 2.1×27×120×34.5	2.1	27	120	34.5	321.43	73.96	0.32	9.71	Stainless
ESM 2.2×27×72.5×11.5	2.2	27	72.5	11.5	132.13	97.93	1.44	11.92	Carbon
ESM 2.2×27×75×12.5	2.2	27	75	12.5	140.78	97.93	1.31	11.92	Carbon
ESM 2.2×27×77.5×13.5	2.2	27	77.5	13.5	149.44	97.93	1.2	11.92	Carbon
ESM 2.2×27×80×14.5	2.2	27	80	14.5	158.09	97.93	1.1	11.92	Carbon
ESM 2.2×27×82.5×15.5	2.2	27	82.5	15.5	166.74	97.93	1.02	11.92	Carbon
ESM 2.2×27×85×16.5	2.2	27	85	16.5	175.4	97.93	0.95	11.92	Carbon
ESM 2.2×27×87.5×17.5	2.2	27	87.5	17.5	184.06	97.93	0.89	11.92	Carbon
ESM 2.2×27×90×18.5	2.2	27	90	18.5	192.71	97.93	0.84	11.92	Carbon
ESM 2.2×27×92.5×20.5	2.2	27	92.5	20.5	201.36	97.93	0.79	11.92	Carbon
ESM 2.2×27×95×21.5	2.2	27	95	21.5	210.02	97.93	0.75	11.92	Carbon
ESM 2.2×27×97.5×22.5	2.2	27	97.5	22.5	218.68	97.93	0.71	11.92	Carbon
ESM 2.2×27×100×23.5	2.2	27	100	23.5	227.33	97.93	0.68	11.92	Carbon
ESM 2.2×27×102.5×24.5	2.2	27	102.5	24.5	235.98	97.93	0.64	11.92	Carbon
ESM 2.2×27×105×25.5	2.2	27	105	25.5	244.63	97.93	0.62	11.92	Carbon
ESM 2.2×27×107.5×26.5	2.2	27	107.5	26.5	253.29	97.93	0.59	11.92	Carbon
ESM 2.2×27×110×28.5	2.2	27	110	28.5	261.94	97.93	0.57	11.92	Carbon
ESM 2.2×27×112.5×29.5	2.2	27	112.5	29.5	270.61	97.93	0.54	11.92	Carbon
ESM 2.2×27×115×30.5	2.2	27	115	30.5	279.24	97.93	0.52	11.92	Carbon
ESM 2.2×27×117.5×31.5	2.2	27	117.5	31.5	287.92	97.93	0.5	11.92	Carbon
ESM 2.2×27×120×32.5	2.2	27	120	32.5	296.58	97.93	0.49	11.92	Carbon
ESS 2.2×27×72.5×11.5	2.2	27	72.5	11.5	133.04	84.69	1.2	11.92	Stainless

M: Carbon Steel;
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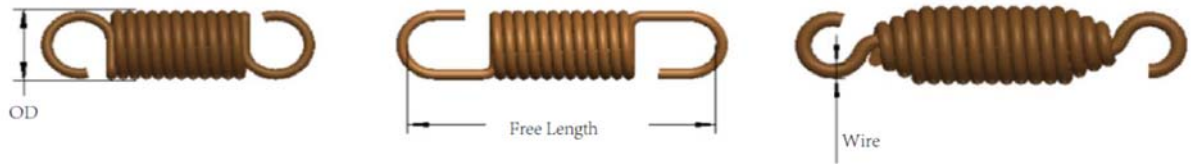
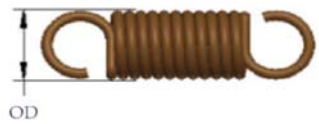
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.2×27×75×12.5	2.2	27	75	12.5	141.79	84.69	1.09	11.92	Stainless
ESS 2.2×27×77.5×13.5	2.2	27	77.5	13.5	150.53	84.69	1	11.92	Stainless
ESS 2.2×27×80×14.5	2.2	27	80	14.5	159.28	84.69	0.92	11.92	Stainless
ESS 2.2×27×82.5×15.5	2.2	27	82.5	15.5	168.03	84.69	0.85	11.92	Stainless
ESS 2.2×27×85×16.5	2.2	27	85	16.5	176.78	84.69	0.79	11.92	Stainless
ESS 2.2×27×87.5×17.5	2.2	27	87.5	17.5	185.52	84.69	0.74	11.92	Stainless
ESS 2.2×27×90×18.5	2.2	27	90	18.5	194.27	84.69	0.7	11.92	Stainless
ESS 2.2×27×92.5×20.5	2.2	27	92.5	20.5	203.03	84.69	0.66	11.92	Stainless
ESS 2.2×27×95×21.5	2.2	27	95	21.5	211.77	84.69	0.62	11.92	Stainless
ESS 2.2×27×97.5×22.5	2.2	27	97.5	22.5	220.53	84.69	0.59	11.92	Stainless
ESS 2.2×27×100×23.5	2.2	27	100	23.5	229.28	84.69	0.56	11.92	Stainless
ESS 2.2×27×102.5×24.5	2.2	27	102.5	24.5	238.01	84.69	0.54	11.92	Stainless
ESS 2.2×27×105×25.5	2.2	27	105	25.5	246.77	84.69	0.51	11.92	Stainless
ESS 2.2×27×107.5×26.5	2.2	27	107.5	26.5	255.53	84.69	0.49	11.92	Stainless
ESS 2.2×27×110×28.5	2.2	27	110	28.5	264.27	84.69	0.47	11.92	Stainless
ESS 2.2×27×112.5×29.5	2.2	27	112.5	29.5	273	84.69	0.45	11.92	Stainless
ESS 2.2×27×115×30.5	2.2	27	115	30.5	281.75	84.69	0.44	11.92	Stainless
ESS 2.2×27×117.5×31.5	2.2	27	117.5	31.5	290.52	84.69	0.42	11.92	Stainless
ESS 2.2×27×120×32.5	2.2	27	120	32.5	299.24	84.69	0.41	11.92	Stainless
ESM 2.3×27×72.5×10.5	2.3	27	72.5	10.5	126.32	111.55	1.8	14.46	Carbon
ESM 2.3×27×75×11.5	2.3	27	75	11.5	134.31	111.55	1.64	14.46	Carbon
ESM 2.3×27×77.5×12.5	2.3	27	77.5	12.5	142.31	111.55	1.5	14.46	Carbon
ESM 2.3×27×80×13.5	2.3	27	80	13.5	150.3	111.55	1.38	14.46	Carbon
ESM 2.3×27×82.5×14.5	2.3	27	82.5	14.5	158.3	111.55	1.28	14.46	Carbon
ESM 2.3×27×85×16.5	2.3	27	85	16.5	166.3	111.55	1.19	14.46	Carbon
ESM 2.3×27×87.5×17.5	2.3	27	87.5	17.5	174.29	111.55	1.12	14.46	Carbon
ESM 2.3×27×90×18.5	2.3	27	90	18.5	182.29	111.55	1.05	14.46	Carbon
ESM 2.3×27×92.5×19.5	2.3	27	92.5	19.5	190.29	111.55	0.99	14.46	Carbon
ESM 2.3×27×95×20.5	2.3	27	95	20.5	198.28	111.55	0.94	14.46	Carbon
ESM 2.3×27×97.5×21.5	2.3	27	97.5	21.5	206.28	111.55	0.89	14.46	Carbon
ESM 2.3×27×100×22.5	2.3	27	100	22.5	214.27	111.55	0.85	14.46	Carbon
ESM 2.3×27×102.5×23.5	2.3	27	102.5	23.5	222.27	111.55	0.81	14.46	Carbon
ESM 2.3×27×105×24.5	2.3	27	105	24.5	230.27	111.55	0.78	14.46	Carbon
ESM 2.3×27×107.5×25.5	2.3	27	107.5	25.5	238.27	111.55	0.74	14.46	Carbon
ESM 2.3×27×110×26.5	2.3	27	110	26.5	246.25	111.55	0.71	14.46	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

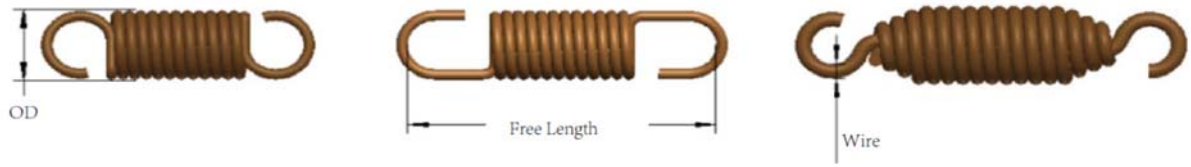






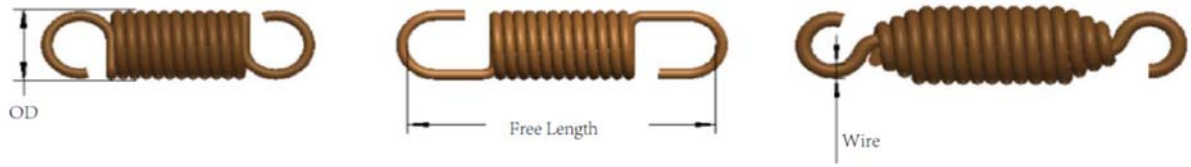
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×27×112.5×28.5	2.3	27	112.5	28.5	254.24	111.55	0.69	14.46	Carbon
ESM 2.3×27×115×29.5	2.3	27	115	29.5	262.25	111.55	0.66	14.46	Carbon
ESM 2.3×27×117.5×30.5	2.3	27	117.5	30.5	270.24	111.55	0.64	14.46	Carbon
ESM 2.3×27×120×31.5	2.3	27	120	31.5	278.24	111.55	0.61	14.46	Carbon
ESS 2.3×27×72.5×10.5	2.3	27	72.5	10.5	126.97	96.36	1.5	14.46	Stainless
ESS 2.3×27×75×11.5	2.3	27	75	11.5	135.04	96.36	1.36	14.46	Stainless
ESS 2.3×27×77.5×12.5	2.3	27	77.5	12.5	143.1	96.36	1.25	14.46	Stainless
ESS 2.3×27×80×13.5	2.3	27	80	13.5	151.16	96.36	1.15	14.46	Stainless
ESS 2.3×27×82.5×14.5	2.3	27	82.5	14.5	159.23	96.36	1.07	14.46	Stainless
ESS 2.3×27×85×16.5	2.3	27	85	16.5	167.29	96.36	1	14.46	Stainless
ESS 2.3×27×87.5×17.5	2.3	27	87.5	17.5	175.35	96.36	0.93	14.46	Stainless
ESS 2.3×27×90×18.5	2.3	27	90	18.5	183.42	96.36	0.88	14.46	Stainless
ESS 2.3×27×92.5×19.5	2.3	27	92.5	19.5	191.47	96.36	0.83	14.46	Stainless
ESS 2.3×27×95×20.5	2.3	27	95	20.5	199.55	96.36	0.78	14.46	Stainless
ESS 2.3×27×97.5×21.5	2.3	27	97.5	21.5	207.61	96.36	0.74	14.46	Stainless
ESS 2.3×27×100×22.5	2.3	27	100	22.5	215.66	96.36	0.71	14.46	Stainless
ESS 2.3×27×102.5×23.5	2.3	27	102.5	23.5	223.73	96.36	0.68	14.46	Stainless
ESS 2.3×27×105×24.5	2.3	27	105	24.5	231.8	96.36	0.65	14.46	Stainless
ESS 2.3×27×107.5×25.5	2.3	27	107.5	25.5	239.86	96.36	0.62	14.46	Stainless
ESS 2.3×27×110×26.5	2.3	27	110	26.5	247.93	96.36	0.59	14.46	Stainless
ESS 2.3×27×112.5×28.5	2.3	27	112.5	28.5	255.99	96.36	0.57	14.46	Stainless
ESS 2.3×27×115×29.5	2.3	27	115	29.5	264.05	96.36	0.55	14.46	Stainless
ESS 2.3×27×117.5×30.5	2.3	27	117.5	30.5	272.12	96.36	0.53	14.46	Stainless
ESS 2.3×27×120×31.5	2.3	27	120	31.5	280.18	96.36	0.51	14.46	Stainless
ESM 2.4×27×75×11.5	2.4	27	75	11.5	128.68	126.35	2.03	17.36	Carbon
ESM 2.4×27×77.5×12.5	2.4	27	77.5	12.5	136.1	126.35	1.86	17.36	Carbon
ESM 2.4×27×80×13.5	2.4	27	80	13.5	143.53	126.35	1.72	17.36	Carbon
ESM 2.4×27×82.5×14.5	2.4	27	82.5	14.5	150.95	126.35	1.59	17.36	Carbon
ESM 2.4×27×85×15.5	2.4	27	85	15.5	158.38	126.35	1.49	17.36	Carbon
ESM 2.4×27×87.5×16.5	2.4	27	87.5	16.5	165.8	126.35	1.39	17.36	Carbon
ESM 2.4×27×90×17.5	2.4	27	90	17.5	173.23	126.35	1.31	17.36	Carbon
ESM 2.4×27×92.5×18.5	2.4	27	92.5	18.5	180.66	126.35	1.24	17.36	Carbon
ESM 2.4×27×95×19.5	2.4	27	95	19.5	188.09	126.35	1.17	17.36	Carbon
ESM 2.4×27×97.5×20.5	2.4	27	97.5	20.5	195.51	126.35	1.11	17.36	Carbon
ESM 2.4×27×100×21.5	2.4	27	100	21.5	202.94	126.35	1.06	17.36	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×27×102.5×22.5	2.4	27	102.5	22.5	210.36	126.35	1.01	17.36	Carbon
ESM 2.4×27×105×23.5	2.4	27	105	23.5	217.79	126.35	0.97	17.36	Carbon
ESM 2.4×27×107.5×24.5	2.4	27	107.5	24.5	225.22	126.35	0.93	17.36	Carbon
ESM 2.4×27×110×25.5	2.4	27	110	25.5	232.65	126.35	0.89	17.36	Carbon
ESM 2.4×27×112.5×26.5	2.4	27	112.5	26.5	240.07	126.35	0.85	17.36	Carbon
ESM 2.4×27×115×28.5	2.4	27	115	28.5	247.49	126.35	0.82	17.36	Carbon
ESM 2.4×27×117.5×29.5	2.4	27	117.5	29.5	254.92	126.35	0.79	17.36	Carbon
ESM 2.4×27×120×30.5	2.4	27	120	30.5	262.35	126.35	0.77	17.36	Carbon
ESM 2.4×27×122.5×31.5	2.4	27	122.5	31.5	269.78	126.35	0.74	17.36	Carbon
ESS 2.4×27×75×11.5	2.4	27	75	11.5	129.17	109.01	1.69	17.36	Stainless
ESS 2.4×27×77.5×12.5	2.4	27	77.5	12.5	136.64	109.01	1.55	17.36	Stainless
ESS 2.4×27×80×13.5	2.4	27	80	13.5	144.11	109.01	1.43	17.36	Stainless
ESS 2.4×27×82.5×14.5	2.4	27	82.5	14.5	151.58	109.01	1.33	17.36	Stainless
ESS 2.4×27×85×15.5	2.4	27	85	15.5	159.05	109.01	1.24	17.36	Stainless
ESS 2.4×27×87.5×16.5	2.4	27	87.5	16.5	166.52	109.01	1.16	17.36	Stainless
ESS 2.4×27×90×17.5	2.4	27	90	17.5	173.99	109.01	1.09	17.36	Stainless
ESS 2.4×27×92.5×18.5	2.4	27	92.5	18.5	181.47	109.01	1.03	17.36	Stainless
ESS 2.4×27×95×19.5	2.4	27	95	19.5	188.93	109.01	0.98	17.36	Stainless
ESS 2.4×27×97.5×20.5	2.4	27	97.5	20.5	196.41	109.01	0.93	17.36	Stainless
ESS 2.4×27×100×21.5	2.4	27	100	21.5	203.88	109.01	0.88	17.36	Stainless
ESS 2.4×27×102.5×22.5	2.4	27	102.5	22.5	211.35	109.01	0.84	17.36	Stainless
ESS 2.4×27×105×23.5	2.4	27	105	23.5	218.83	109.01	0.81	17.36	Stainless
ESS 2.4×27×107.5×24.5	2.4	27	107.5	24.5	226.3	109.01	0.77	17.36	Stainless
ESS 2.4×27×110×25.5	2.4	27	110	25.5	233.77	109.01	0.74	17.36	Stainless
ESS 2.4×27×112.5×26.5	2.4	27	112.5	26.5	241.24	109.01	0.71	17.36	Stainless
ESS 2.4×27×115×28.5	2.4	27	115	28.5	248.7	109.01	0.69	17.36	Stainless
ESS 2.4×27×117.5×29.5	2.4	27	117.5	29.5	256.18	109.01	0.66	17.36	Stainless
ESS 2.4×27×120×30.5	2.4	27	120	30.5	263.66	109.01	0.64	17.36	Stainless
ESS 2.4×27×122.5×31.5	2.4	27	122.5	31.5	271.12	109.01	0.62	17.36	Stainless
ESM 2.5×27×75×11.5	2.5	27	75	11.5	123.74	142.35	2.5	20.66	Carbon
ESM 2.5×27×77.5×12.5	2.5	27	77.5	12.5	130.67	142.35	2.29	20.66	Carbon
ESM 2.5×27×80×13.5	2.5	27	80	13.5	137.6	142.35	2.11	20.66	Carbon
ESM 2.5×27×82.5×14.5	2.5	27	82.5	14.5	144.53	142.35	1.96	20.66	Carbon
ESM 2.5×27×85×15.5	2.5	27	85	15.5	151.46	142.35	1.83	20.66	Carbon
ESM 2.5×27×87.5×16.5	2.5	27	87.5	16.5	158.39	142.35	1.72	20.66	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×27×90×17.5	2.5	27	90	17.5	165.32	142.35	1.62	20.66	Carbon
ESM 2.5×27×92.5×18.5	2.5	27	92.5	18.5	172.25	142.35	1.53	20.66	Carbon
ESM 2.5×27×95×19.5	2.5	27	95	19.5	179.18	142.35	1.45	20.66	Carbon
ESM 2.5×27×97.5×20.5	2.5	27	97.5	20.5	186.12	142.35	1.37	20.66	Carbon
ESM 2.5×27×100×21.5	2.5	27	100	21.5	193.05	142.35	1.31	20.66	Carbon
ESM 2.5×27×102.5×22.5	2.5	27	102.5	22.5	199.97	142.35	1.25	20.66	Carbon
ESM 2.5×27×105×23.5	2.5	27	105	23.5	206.91	142.35	1.19	20.66	Carbon
ESM 2.5×27×107.5×24.5	2.5	27	107.5	24.5	213.84	142.35	1.14	20.66	Carbon
ESM 2.5×27×110×25.5	2.5	27	110	25.5	220.76	142.35	1.1	20.66	Carbon
ESM 2.5×27×112.5×26.5	2.5	27	112.5	26.5	227.7	142.35	1.06	20.66	Carbon
ESM 2.5×27×115×27.5	2.5	27	115	27.5	234.63	142.35	1.02	20.66	Carbon
ESM 2.5×27×117.5×28.5	2.5	27	117.5	28.5	241.55	142.35	0.98	20.66	Carbon
ESM 2.5×27×120×29.5	2.5	27	120	29.5	248.49	142.35	0.95	20.66	Carbon
ESM 2.5×27×122.5×30.5	2.5	27	122.5	30.5	255.41	142.35	0.92	20.66	Carbon
ESS 2.5×27×75×11.5	2.5	27	75	11.5	124.03	122.68	2.08	20.66	Stainless
ESS 2.5×27×77.5×12.5	2.5	27	77.5	12.5	130.99	122.68	1.91	20.66	Stainless
ESS 2.5×27×80×13.5	2.5	27	80	13.5	137.95	122.68	1.76	20.66	Stainless
ESS 2.5×27×82.5×14.5	2.5	27	82.5	14.5	144.91	122.68	1.63	20.66	Stainless
ESS 2.5×27×85×15.5	2.5	27	85	15.5	151.86	122.68	1.53	20.66	Stainless
ESS 2.5×27×87.5×16.5	2.5	27	87.5	16.5	158.82	122.68	1.43	20.66	Stainless
ESS 2.5×27×90×17.5	2.5	27	90	17.5	165.78	122.68	1.35	20.66	Stainless
ESS 2.5×27×92.5×18.5	2.5	27	92.5	18.5	172.73	122.68	1.27	20.66	Stainless
ESS 2.5×27×95×19.5	2.5	27	95	19.5	179.69	122.68	1.2	20.66	Stainless
ESS 2.5×27×97.5×20.5	2.5	27	97.5	20.5	186.65	122.68	1.14	20.66	Stainless
ESS 2.5×27×100×21.5	2.5	27	100	21.5	193.61	122.68	1.09	20.66	Stainless
ESS 2.5×27×102.5×22.5	2.5	27	102.5	22.5	200.56	122.68	1.04	20.66	Stainless
ESS 2.5×27×105×23.5	2.5	27	105	23.5	207.52	122.68	1	20.66	Stainless
ESS 2.5×27×107.5×24.5	2.5	27	107.5	24.5	214.48	122.68	0.95	20.66	Stainless
ESS 2.5×27×110×25.5	2.5	27	110	25.5	221.43	122.68	0.92	20.66	Stainless
ESS 2.5×27×112.5×26.5	2.5	27	112.5	26.5	228.4	122.68	0.88	20.66	Stainless
ESS 2.5×27×115×27.5	2.5	27	115	27.5	235.36	122.68	0.85	20.66	Stainless
ESS 2.5×27×117.5×28.5	2.5	27	117.5	28.5	242.3	122.68	0.82	20.66	Stainless
ESS 2.5×27×120×29.5	2.5	27	120	29.5	249.26	122.68	0.79	20.66	Stainless
ESS 2.5×27×122.5×30.5	2.5	27	122.5	30.5	256.22	122.68	0.76	20.66	Stainless
ESM 2.6×27×75×10.5	2.6	27	75	10.5	121.12	159.03	2.92	24.37	Carbon

M: Carbon Steel;
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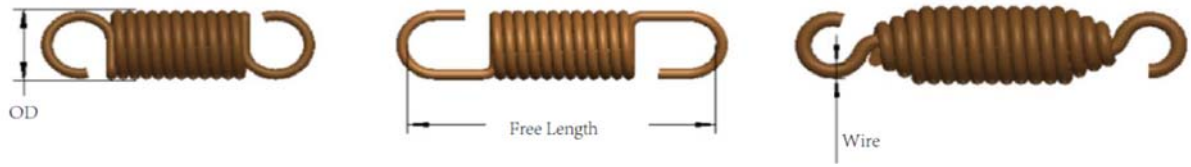
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×27×77.5×11.5	2.6	27	77.5	11.5	127.77	159.03	2.68	24.37	Carbon
ESM 2.6×27×80×12.5	2.6	27	80	12.5	134.43	159.03	2.47	24.37	Carbon
ESM 2.6×27×82.5×13.5	2.6	27	82.5	13.5	141.08	159.03	2.3	24.37	Carbon
ESM 2.6×27×85×14.5	2.6	27	85	14.5	147.73	159.03	2.15	24.37	Carbon
ESM 2.6×27×87.5×15.5	2.6	27	87.5	15.5	154.39	159.03	2.01	24.37	Carbon
ESM 2.6×27×90×16.5	2.6	27	90	16.5	161.04	159.03	1.9	24.37	Carbon
ESM 2.6×27×92.5×17.5	2.6	27	92.5	17.5	167.69	159.03	1.79	24.37	Carbon
ESM 2.6×27×95×18.5	2.6	27	95	18.5	174.35	159.03	1.7	24.37	Carbon
ESM 2.6×27×97.5×19.5	2.6	27	97.5	19.5	181	159.03	1.61	24.37	Carbon
ESM 2.6×27×100×20.5	2.6	27	100	20.5	187.66	159.03	1.54	24.37	Carbon
ESM 2.6×27×102.5×21.5	2.6	27	102.5	21.5	194.31	159.03	1.47	24.37	Carbon
ESM 2.6×27×105×22.5	2.6	27	105	22.5	200.97	159.03	1.4	24.37	Carbon
ESM 2.6×27×107.5×23.5	2.6	27	107.5	23.5	207.62	159.03	1.35	24.37	Carbon
ESM 2.6×27×110×24.5	2.6	27	110	24.5	214.27	159.03	1.29	24.37	Carbon
ESM 2.6×27×112.5×25.5	2.6	27	112.5	25.5	220.92	159.03	1.24	24.37	Carbon
ESM 2.6×27×115×26.5	2.6	27	115	26.5	227.58	159.03	1.2	24.37	Carbon
ESM 2.6×27×117.5×27.5	2.6	27	117.5	27.5	234.23	159.03	1.15	24.37	Carbon
ESM 2.6×27×120×27.5	2.6	27	120	27.5	240.89	159.03	1.11	24.37	Carbon
ESM 2.6×27×122.5×28.5	2.6	27	122.5	28.5	247.54	159.03	1.08	24.37	Carbon
ESS 2.6×27×75×10.5	2.6	27	75	10.5	119.52	137.4	2.54	24.37	Stainless
ESS 2.6×27×77.5×11.5	2.6	27	77.5	11.5	126.03	137.4	2.33	24.37	Stainless
ESS 2.6×27×80×12.5	2.6	27	80	12.5	132.54	137.4	2.15	24.37	Stainless
ESS 2.6×27×82.5×13.5	2.6	27	82.5	13.5	139.05	137.4	2	24.37	Stainless
ESS 2.6×27×85×14.5	2.6	27	85	14.5	145.56	137.4	1.87	24.37	Stainless
ESS 2.6×27×87.5×15.5	2.6	27	87.5	15.5	152.06	137.4	1.75	24.37	Stainless
ESS 2.6×27×90×16.5	2.6	27	90	16.5	158.58	137.4	1.65	24.37	Stainless
ESS 2.6×27×92.5×17.5	2.6	27	92.5	17.5	165.08	137.4	1.56	24.37	Stainless
ESS 2.6×27×95×18.5	2.6	27	95	18.5	171.59	137.4	1.48	24.37	Stainless
ESS 2.6×27×97.5×19.5	2.6	27	97.5	19.5	178.1	137.4	1.4	24.37	Stainless
ESS 2.6×27×100×20.5	2.6	27	100	20.5	184.61	137.4	1.34	24.37	Stainless
ESS 2.6×27×102.5×21.5	2.6	27	102.5	21.5	191.12	137.4	1.28	24.37	Stainless
ESS 2.6×27×105×22.5	2.6	27	105	22.5	197.63	137.4	1.22	24.37	Stainless
ESS 2.6×27×107.5×23.5	2.6	27	107.5	23.5	204.14	137.4	1.17	24.37	Stainless
ESS 2.6×27×110×24.5	2.6	27	110	24.5	210.65	137.4	1.12	24.37	Stainless
ESS 2.6×27×112.5×25.5	2.6	27	112.5	25.5	217.15	137.4	1.08	24.37	Stainless

M: Carbon Steel;
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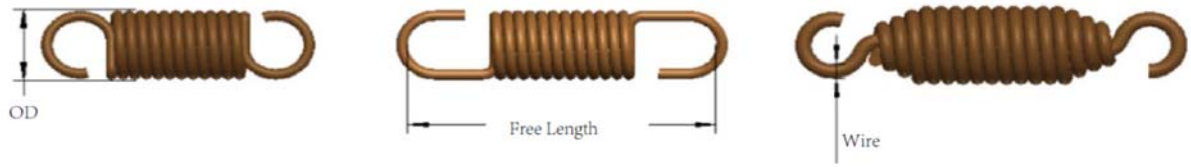
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×27×115×26.5	2.6	27	115	26.5	223.67	137.4	1.04	24.37	Stainless
ESS 2.6×27×117.5×27.5	2.6	27	117.5	27.5	230.18	137.4	1	24.37	Stainless
ESS 2.6×27×120×27.5	2.6	27	120	27.5	236.68	137.4	0.97	24.37	Stainless
ESS 2.6×27×122.5×28.5	2.6	27	122.5	28.5	243.19	137.4	0.94	24.37	Stainless
ESM 2.7×27×75×10.5	2.7	27	75	10.5	117.12	177.51	3.54	28.54	Carbon
ESM 2.7×27×77.5×11.5	2.7	27	77.5	11.5	123.38	177.51	3.25	28.54	Carbon
ESM 2.7×27×80×12.5	2.7	27	80	12.5	129.64	177.51	3	28.54	Carbon
ESM 2.7×27×82.5×13.5	2.7	27	82.5	13.5	135.9	177.51	2.79	28.54	Carbon
ESM 2.7×27×85×14.5	2.7	27	85	14.5	142.16	177.51	2.61	28.54	Carbon
ESM 2.7×27×87.5×15.5	2.7	27	87.5	15.5	148.42	177.51	2.45	28.54	Carbon
ESM 2.7×27×90×15.5	2.7	27	90	15.5	154.67	177.51	2.3	28.54	Carbon
ESM 2.7×27×92.5×16.5	2.7	27	92.5	16.5	160.93	177.51	2.18	28.54	Carbon
ESM 2.7×27×95×17.5	2.7	27	95	17.5	167.19	177.51	2.06	28.54	Carbon
ESM 2.7×27×97.5×18.5	2.7	27	97.5	18.5	173.45	177.51	1.96	28.54	Carbon
ESM 2.7×27×100×19.5	2.7	27	100	19.5	179.71	177.51	1.87	28.54	Carbon
ESM 2.7×27×102.5×20.5	2.7	27	102.5	20.5	185.97	177.51	1.78	28.54	Carbon
ESM 2.7×27×105×21.5	2.7	27	105	21.5	192.22	177.51	1.71	28.54	Carbon
ESM 2.7×27×107.5×22.5	2.7	27	107.5	22.5	198.48	177.51	1.64	28.54	Carbon
ESM 2.7×27×110×23.5	2.7	27	110	23.5	204.74	177.51	1.57	28.54	Carbon
ESM 2.7×27×112.5×24.5	2.7	27	112.5	24.5	211	177.51	1.51	28.54	Carbon
ESM 2.7×27×115×25.5	2.7	27	115	25.5	217.26	177.51	1.46	28.54	Carbon
ESM 2.7×27×117.5×26.5	2.7	27	117.5	26.5	223.52	177.51	1.41	28.54	Carbon
ESM 2.7×27×120×27.5	2.7	27	120	27.5	229.78	177.51	1.36	28.54	Carbon
ESM 2.7×27×122.5×27.5	2.7	27	122.5	27.5	236.03	177.51	1.31	28.54	Carbon
ESS 2.7×27×75×10.5	2.7	27	75	10.5	115.53	153.19	3.08	28.54	Stainless
ESS 2.7×27×77.5×11.5	2.7	27	77.5	11.5	121.65	153.19	2.82	28.54	Stainless
ESS 2.7×27×80×12.5	2.7	27	80	12.5	127.77	153.19	2.61	28.54	Stainless
ESS 2.7×27×82.5×13.5	2.7	27	82.5	13.5	133.88	153.19	2.43	28.54	Stainless
ESS 2.7×27×85×14.5	2.7	27	85	14.5	140	153.19	2.27	28.54	Stainless
ESS 2.7×27×87.5×15.5	2.7	27	87.5	15.5	146.12	153.19	2.13	28.54	Stainless
ESS 2.7×27×90×15.5	2.7	27	90	15.5	152.23	153.19	2	28.54	Stainless
ESS 2.7×27×92.5×16.5	2.7	27	92.5	16.5	158.35	153.19	1.89	28.54	Stainless
ESS 2.7×27×95×17.5	2.7	27	95	17.5	164.46	153.19	1.79	28.54	Stainless
ESS 2.7×27×97.5×18.5	2.7	27	97.5	18.5	170.58	153.19	1.71	28.54	Stainless
ESS 2.7×27×100×19.5	2.7	27	100	19.5	176.7	153.19	1.63	28.54	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

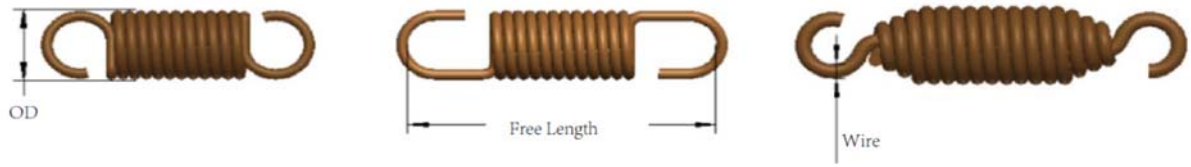






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×27×102.5×20.5	2.7	27	102.5	20.5	182.81	153.19	1.55	28.54	Stainless
ESS 2.7×27×105×21.5	2.7	27	105	21.5	188.93	153.19	1.49	28.54	Stainless
ESS 2.7×27×107.5×22.5	2.7	27	107.5	22.5	195.05	153.19	1.42	28.54	Stainless
ESS 2.7×27×110×23.5	2.7	27	110	23.5	201.16	153.19	1.37	28.54	Stainless
ESS 2.7×27×112.5×24.5	2.7	27	112.5	24.5	207.28	153.19	1.32	28.54	Stainless
ESS 2.7×27×115×25.5	2.7	27	115	25.5	213.39	153.19	1.27	28.54	Stainless
ESS 2.7×27×117.5×26.5	2.7	27	117.5	26.5	219.52	153.19	1.22	28.54	Stainless
ESS 2.7×27×120×27.5	2.7	27	120	27.5	225.63	153.19	1.18	28.54	Stainless
ESS 2.7×27×122.5×27.5	2.7	27	122.5	27.5	231.75	153.19	1.14	28.54	Stainless
ESM 2.8×27×75×10.5	2.8	27	75	10.5	113.58	197.32	4.26	33.18	Carbon
ESM 2.8×27×77.5×10.5	2.8	27	77.5	10.5	119.49	197.32	3.91	33.18	Carbon
ESM 2.8×27×80×11.5	2.8	27	80	11.5	125.4	197.32	3.62	33.18	Carbon
ESM 2.8×27×82.5×12.5	2.8	27	82.5	12.5	131.3	197.32	3.36	33.18	Carbon
ESM 2.8×27×85×13.5	2.8	27	85	13.5	137.22	197.32	3.14	33.18	Carbon
ESM 2.8×27×87.5×14.5	2.8	27	87.5	14.5	143.13	197.32	2.95	33.18	Carbon
ESM 2.8×27×90×15.5	2.8	27	90	15.5	149.03	197.32	2.78	33.18	Carbon
ESM 2.8×27×92.5×16.5	2.8	27	92.5	16.5	154.95	197.32	2.63	33.18	Carbon
ESM 2.8×27×95×17.5	2.8	27	95	17.5	160.86	197.32	2.49	33.18	Carbon
ESM 2.8×27×97.5×18.5	2.8	27	97.5	18.5	166.77	197.32	2.37	33.18	Carbon
ESM 2.8×27×100×19.5	2.8	27	100	19.5	172.68	197.32	2.26	33.18	Carbon
ESM 2.8×27×102.5×19.5	2.8	27	102.5	19.5	178.58	197.32	2.16	33.18	Carbon
ESM 2.8×27×105×20.5	2.8	27	105	20.5	184.5	197.32	2.06	33.18	Carbon
ESM 2.8×27×107.5×21.5	2.8	27	107.5	21.5	190.41	197.32	1.98	33.18	Carbon
ESM 2.8×27×110×22.5	2.8	27	110	22.5	196.32	197.32	1.9	33.18	Carbon
ESM 2.8×27×112.5×23.5	2.8	27	112.5	23.5	202.23	197.32	1.83	33.18	Carbon
ESM 2.8×27×115×24.5	2.8	27	115	24.5	208.14	197.32	1.76	33.18	Carbon
ESM 2.8×27×117.5×25.5	2.8	27	117.5	25.5	214.04	197.32	1.7	33.18	Carbon
ESM 2.8×27×120×26.5	2.8	27	120	26.5	219.95	197.32	1.64	33.18	Carbon
ESM 2.8×27×122.5×27.5	2.8	27	122.5	27.5	225.87	197.32	1.59	33.18	Carbon
ESS 2.8×27×75×10.5	2.8	27	75	10.5	112	170.08	3.7	33.18	Stainless
ESS 2.8×27×77.5×10.5	2.8	27	77.5	10.5	117.77	170.08	3.4	33.18	Stainless
ESS 2.8×27×80×11.5	2.8	27	80	11.5	123.54	170.08	3.14	33.18	Stainless
ESS 2.8×27×82.5×12.5	2.8	27	82.5	12.5	129.31	170.08	2.92	33.18	Stainless
ESS 2.8×27×85×13.5	2.8	27	85	13.5	135.08	170.08	2.73	33.18	Stainless
ESS 2.8×27×87.5×14.5	2.8	27	87.5	14.5	140.85	170.08	2.57	33.18	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×27×90×15.5	2.8	27	90	15.5	146.62	170.08	2.42	33.18	Stainless
ESS 2.8×27×92.5×16.5	2.8	27	92.5	16.5	152.39	170.08	2.29	33.18	Stainless
ESS 2.8×27×95×17.5	2.8	27	95	17.5	158.16	170.08	2.17	33.18	Stainless
ESS 2.8×27×97.5×18.5	2.8	27	97.5	18.5	163.94	170.08	2.06	33.18	Stainless
ESS 2.8×27×100×19.5	2.8	27	100	19.5	169.71	170.08	1.96	33.18	Stainless
ESS 2.8×27×102.5×19.5	2.8	27	102.5	19.5	175.48	170.08	1.88	33.18	Stainless
ESS 2.8×27×105×20.5	2.8	27	105	20.5	181.25	170.08	1.8	33.18	Stainless
ESS 2.8×27×107.5×21.5	2.8	27	107.5	21.5	187.02	170.08	1.72	33.18	Stainless
ESS 2.8×27×110×22.5	2.8	27	110	22.5	192.79	170.08	1.65	33.18	Stainless
ESS 2.8×27×112.5×23.5	2.8	27	112.5	23.5	198.56	170.08	1.59	33.18	Stainless
ESS 2.8×27×115×24.5	2.8	27	115	24.5	204.33	170.08	1.53	33.18	Stainless
ESS 2.8×27×117.5×25.5	2.8	27	117.5	25.5	210.1	170.08	1.48	33.18	Stainless
ESS 2.8×27×120×26.5	2.8	27	120	26.5	215.87	170.08	1.43	33.18	Stainless
ESS 2.8×27×122.5×27.5	2.8	27	122.5	27.5	221.64	170.08	1.38	33.18	Stainless
ESM 2.9×27×77.5×10.5	2.9	27	77.5	10.5	115.84	217.67	4.68	38.33	Carbon
ESM 2.9×27×80×11.5	2.9	27	80	11.5	121.42	217.67	4.33	38.33	Carbon
ESM 2.9×27×82.5×12.5	2.9	27	82.5	12.5	127.01	217.67	4.03	38.33	Carbon
ESM 2.9×27×85×13.5	2.9	27	85	13.5	132.6	217.67	3.77	38.33	Carbon
ESM 2.9×27×87.5×14.5	2.9	27	87.5	14.5	138.19	217.67	3.54	38.33	Carbon
ESM 2.9×27×90×15.5	2.9	27	90	15.5	143.77	217.67	3.34	38.33	Carbon
ESM 2.9×27×92.5×15.5	2.9	27	92.5	15.5	149.36	217.67	3.15	38.33	Carbon
ESM 2.9×27×95×16.5	2.9	27	95	16.5	154.95	217.67	2.99	38.33	Carbon
ESM 2.9×27×97.5×17.5	2.9	27	97.5	17.5	160.54	217.67	2.85	38.33	Carbon
ESM 2.9×27×100×18.5	2.9	27	100	18.5	166.13	217.67	2.71	38.33	Carbon
ESM 2.9×27×102.5×19.5	2.9	27	102.5	19.5	171.71	217.67	2.59	38.33	Carbon
ESM 2.9×27×105×20.5	2.9	27	105	20.5	177.3	217.67	2.48	38.33	Carbon
ESM 2.9×27×107.5×21.5	2.9	27	107.5	21.5	182.89	217.67	2.38	38.33	Carbon
ESM 2.9×27×110×21.5	2.9	27	110	21.5	188.48	217.67	2.29	38.33	Carbon
ESM 2.9×27×112.5×22.5	2.9	27	112.5	22.5	194.06	217.67	2.2	38.33	Carbon
ESM 2.9×27×115×23.5	2.9	27	115	23.5	199.65	217.67	2.12	38.33	Carbon
ESM 2.9×27×117.5×24.5	2.9	27	117.5	24.5	205.24	217.67	2.04	38.33	Carbon
ESM 2.9×27×120×25.5	2.9	27	120	25.5	210.83	217.67	1.97	38.33	Carbon
ESM 2.9×27×122.5×26.5	2.9	27	122.5	26.5	216.41	217.67	1.91	38.33	Carbon
ESM 2.9×27×125×27.5	2.9	27	125	27.5	222	217.67	1.85	38.33	Carbon
ESS 2.9×27×77.5×10.5	2.9	27	77.5	10.5	114.32	188.1	4.07	38.33	Stainless

M: Carbon Steel;
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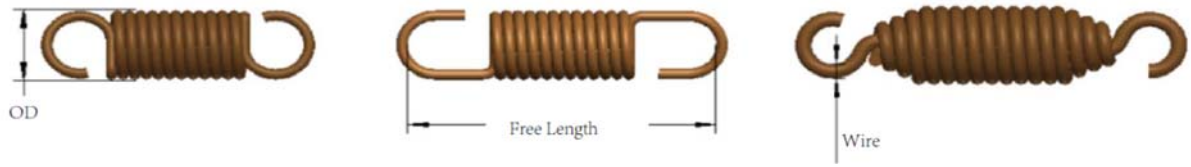
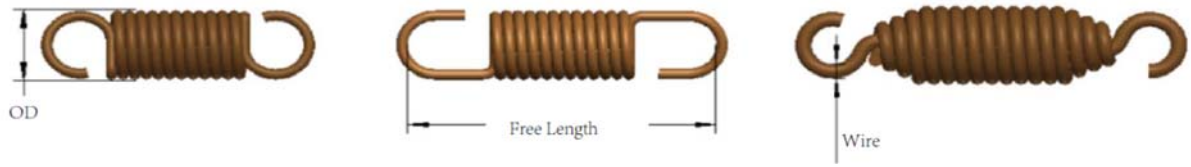
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.9×27×80×11.5	2.9	27	80	11.5	119.78	188.1	3.76	38.33	Stainless
ESS 2.9×27×82.5×12.5	2.9	27	82.5	12.5	125.25	188.1	3.5	38.33	Stainless
ESS 2.9×27×85×13.5	2.9	27	85	13.5	130.71	188.1	3.28	38.33	Stainless
ESS 2.9×27×87.5×14.5	2.9	27	87.5	14.5	136.18	188.1	3.08	38.33	Stainless
ESS 2.9×27×90×15.5	2.9	27	90	15.5	141.64	188.1	2.9	38.33	Stainless
ESS 2.9×27×92.5×15.5	2.9	27	92.5	15.5	147.11	188.1	2.74	38.33	Stainless
ESS 2.9×27×95×16.5	2.9	27	95	16.5	152.57	188.1	2.6	38.33	Stainless
ESS 2.9×27×97.5×17.5	2.9	27	97.5	17.5	158.04	188.1	2.47	38.33	Stainless
ESS 2.9×27×100×18.5	2.9	27	100	18.5	163.51	188.1	2.36	38.33	Stainless
ESS 2.9×27×102.5×19.5	2.9	27	102.5	19.5	168.97	188.1	2.25	38.33	Stainless
ESS 2.9×27×105×20.5	2.9	27	105	20.5	174.44	188.1	2.16	38.33	Stainless
ESS 2.9×27×107.5×21.5	2.9	27	107.5	21.5	179.9	188.1	2.07	38.33	Stainless
ESS 2.9×27×110×21.5	2.9	27	110	21.5	185.37	188.1	1.99	38.33	Stainless
ESS 2.9×27×112.5×22.5	2.9	27	112.5	22.5	190.83	188.1	1.91	38.33	Stainless
ESS 2.9×27×115×23.5	2.9	27	115	23.5	196.3	188.1	1.84	38.33	Stainless
ESS 2.9×27×117.5×24.5	2.9	27	117.5	24.5	201.76	188.1	1.78	38.33	Stainless
ESS 2.9×27×120×25.5	2.9	27	120	25.5	207.23	188.1	1.72	38.33	Stainless
ESS 2.9×27×122.5×26.5	2.9	27	122.5	26.5	212.69	188.1	1.66	38.33	Stainless
ESS 2.9×27×125×27.5	2.9	27	125	27.5	218.16	188.1	1.61	38.33	Stainless
ESM 3×27×77.5×10.5	3	27	77.5	10.5	112.74	240.16	5.57	44.02	Carbon
ESM 3×27×80×11.5	3	27	80	11.5	118.06	240.16	5.15	44.02	Carbon
ESM 3×27×82.5×12.5	3	27	82.5	12.5	123.37	240.16	4.8	44.02	Carbon
ESM 3×27×85×12.5	3	27	85	12.5	128.69	240.16	4.49	44.02	Carbon
ESM 3×27×87.5×13.5	3	27	87.5	13.5	134	240.16	4.22	44.02	Carbon
ESM 3×27×90×14.5	3	27	90	14.5	139.32	240.16	3.98	44.02	Carbon
ESM 3×27×92.5×15.5	3	27	92.5	15.5	144.63	240.16	3.76	44.02	Carbon
ESM 3×27×95×16.5	3	27	95	16.5	149.95	240.16	3.57	44.02	Carbon
ESM 3×27×97.5×17.5	3	27	97.5	17.5	155.26	240.16	3.4	44.02	Carbon
ESM 3×27×100×17.5	3	27	100	17.5	160.58	240.16	3.24	44.02	Carbon
ESM 3×27×102.5×18.5	3	27	102.5	18.5	165.89	240.16	3.09	44.02	Carbon
ESM 3×27×105×19.5	3	27	105	19.5	171.21	240.16	2.96	44.02	Carbon
ESM 3×27×107.5×20.5	3	27	107.5	20.5	176.52	240.16	2.84	44.02	Carbon
ESM 3×27×110×21.5	3	27	110	21.5	181.84	240.16	2.73	44.02	Carbon
ESM 3×27×112.5×22.5	3	27	112.5	22.5	187.15	240.16	2.63	44.02	Carbon
ESM 3×27×115×22.5	3	27	115	22.5	192.47	240.16	2.53	44.02	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×27×117.5×23.5	3	27	117.5	23.5	197.78	240.16	2.44	44.02	Carbon
ESM 3×27×120×24.5	3	27	120	24.5	203.09	240.16	2.36	44.02	Carbon
ESM 3×27×122.5×25.5	3	27	122.5	25.5	208.41	240.16	2.28	44.02	Carbon
ESM 3×27×125×26.5	3	27	125	26.5	213.72	240.16	2.21	44.02	Carbon
ESS 3×27×77.5×10.5	3	27	77.5	10.5	111.24	207.28	4.84	44.02	Stainless
ESS 3×27×80×11.5	3	27	80	11.5	116.43	207.28	4.48	44.02	Stainless
ESS 3×27×82.5×12.5	3	27	82.5	12.5	121.63	207.28	4.17	44.02	Stainless
ESS 3×27×85×12.5	3	27	85	12.5	126.82	207.28	3.9	44.02	Stainless
ESS 3×27×87.5×13.5	3	27	87.5	13.5	132.01	207.28	3.67	44.02	Stainless
ESS 3×27×90×14.5	3	27	90	14.5	137.21	207.28	3.46	44.02	Stainless
ESS 3×27×92.5×15.5	3	27	92.5	15.5	142.4	207.28	3.27	44.02	Stainless
ESS 3×27×95×16.5	3	27	95	16.5	147.6	207.28	3.1	44.02	Stainless
ESS 3×27×97.5×17.5	3	27	97.5	17.5	152.79	207.28	2.95	44.02	Stainless
ESS 3×27×100×17.5	3	27	100	17.5	157.99	207.28	2.82	44.02	Stainless
ESS 3×27×102.5×18.5	3	27	102.5	18.5	163.18	207.28	2.69	44.02	Stainless
ESS 3×27×105×19.5	3	27	105	19.5	168.38	207.28	2.58	44.02	Stainless
ESS 3×27×107.5×20.5	3	27	107.5	20.5	173.57	207.28	2.47	44.02	Stainless
ESS 3×27×110×21.5	3	27	110	21.5	178.77	207.28	2.37	44.02	Stainless
ESS 3×27×112.5×22.5	3	27	112.5	22.5	183.96	207.28	2.28	44.02	Stainless
ESS 3×27×115×22.5	3	27	115	22.5	189.16	207.28	2.2	44.02	Stainless
ESS 3×27×117.5×23.5	3	27	117.5	23.5	194.35	207.28	2.12	44.02	Stainless
ESS 3×27×120×24.5	3	27	120	24.5	199.54	207.28	2.05	44.02	Stainless
ESS 3×27×122.5×25.5	3	27	122.5	25.5	204.74	207.28	1.99	44.02	Stainless
ESS 3×27×125×26.5	3	27	125	26.5	209.94	207.28	1.92	44.02	Stainless
ESM 1.9×28×75×12.5	1.9	28	75	12.5	167.77	61.43	0.6	5.63	Carbon
ESM 1.9×28×77.5×13.5	1.9	28	77.5	13.5	179.95	61.43	0.54	5.63	Carbon
ESM 1.9×28×80×15.5	1.9	28	80	15.5	192.14	61.43	0.5	5.63	Carbon
ESM 1.9×28×82.5×16.5	1.9	28	82.5	16.5	204.34	61.43	0.46	5.63	Carbon
ESM 1.9×28×85×17.5	1.9	28	85	17.5	216.52	61.43	0.42	5.63	Carbon
ESM 1.9×28×87.5×19.5	1.9	28	87.5	19.5	228.7	61.43	0.4	5.63	Carbon
ESM 1.9×28×90×20.5	1.9	28	90	20.5	240.9	61.43	0.37	5.63	Carbon
ESM 1.9×28×92.5×21.5	1.9	28	92.5	21.5	253.08	61.43	0.35	5.63	Carbon
ESM 1.9×28×95×23.5	1.9	28	95	23.5	265.29	61.43	0.33	5.63	Carbon
ESM 1.9×28×97.5×24.5	1.9	28	97.5	24.5	277.45	61.43	0.31	5.63	Carbon
ESM 1.9×28×100×25.5	1.9	28	100	25.5	289.61	61.43	0.29	5.63	Carbon

M: Carbon Steel;
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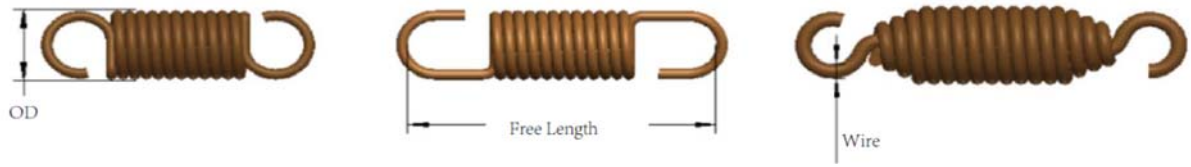
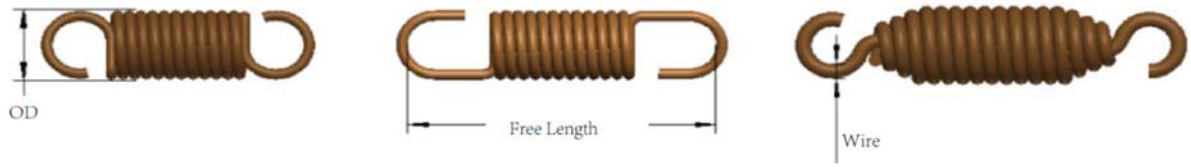
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 1.9×28×102.5×27.5	1.9	28	102.5	27.5	301.79	61.43	0.28	5.63	Carbon
ESM 1.9×28×105×28.5	1.9	28	105	28.5	314	61.43	0.27	5.63	Carbon
ESM 1.9×28×107.5×29.5	1.9	28	107.5	29.5	326.16	61.43	0.26	5.63	Carbon
ESM 1.9×28×110×31.5	1.9	28	110	31.5	338.42	61.43	0.24	5.63	Carbon
ESM 1.9×28×112.5×32.5	1.9	28	112.5	32.5	350.57	61.43	0.23	5.63	Carbon
ESM 1.9×28×115×33.5	1.9	28	115	33.5	362.79	61.43	0.23	5.63	Carbon
ESM 1.9×28×117.5×34.5	1.9	28	117.5	34.5	374.89	61.43	0.22	5.63	Carbon
ESM 1.9×28×120×36.5	1.9	28	120	36.5	387.13	61.43	0.21	5.63	Carbon
ESM 1.9×28×122.5×37.5	1.9	28	122.5	37.5	399.3	61.43	0.2	5.63	Carbon
ESS 1.9×28×75×12.5	1.9	28	75	12.5	169.72	53.11	0.5	5.63	Stainless
ESS 1.9×28×77.5×13.5	1.9	28	77.5	13.5	182.11	53.11	0.45	5.63	Stainless
ESS 1.9×28×80×15.5	1.9	28	80	15.5	194.5	53.11	0.41	5.63	Stainless
ESS 1.9×28×82.5×16.5	1.9	28	82.5	16.5	206.9	53.11	0.38	5.63	Stainless
ESS 1.9×28×85×17.5	1.9	28	85	17.5	219.29	53.11	0.35	5.63	Stainless
ESS 1.9×28×87.5×19.5	1.9	28	87.5	19.5	231.7	53.11	0.33	5.63	Stainless
ESS 1.9×28×90×20.5	1.9	28	90	20.5	244.07	53.11	0.31	5.63	Stainless
ESS 1.9×28×92.5×21.5	1.9	28	92.5	21.5	256.46	53.11	0.29	5.63	Stainless
ESS 1.9×28×95×23.5	1.9	28	95	23.5	268.87	53.11	0.27	5.63	Stainless
ESS 1.9×28×97.5×24.5	1.9	28	97.5	24.5	281.26	53.11	0.26	5.63	Stainless
ESS 1.9×28×100×25.5	1.9	28	100	25.5	293.65	53.11	0.25	5.63	Stainless
ESS 1.9×28×102.5×27.5	1.9	28	102.5	27.5	306.03	53.11	0.23	5.63	Stainless
ESS 1.9×28×105×28.5	1.9	28	105	28.5	318.41	53.11	0.22	5.63	Stainless
ESS 1.9×28×107.5×29.5	1.9	28	107.5	29.5	330.85	53.11	0.21	5.63	Stainless
ESS 1.9×28×110×31.5	1.9	28	110	31.5	343.22	53.11	0.2	5.63	Stainless
ESS 1.9×28×112.5×32.5	1.9	28	112.5	32.5	355.63	53.11	0.2	5.63	Stainless
ESS 1.9×28×115×33.5	1.9	28	115	33.5	367.98	53.11	0.19	5.63	Stainless
ESS 1.9×28×117.5×34.5	1.9	28	117.5	34.5	380.42	53.11	0.18	5.63	Stainless
ESS 1.9×28×120×36.5	1.9	28	120	36.5	392.74	53.11	0.17	5.63	Stainless
ESS 1.9×28×122.5×37.5	1.9	28	122.5	37.5	405.14	53.11	0.17	5.63	Stainless
ESM 2×28×75×12.5	2	28	75	12.5	157.66	71.43	0.78	7.12	Carbon
ESM 2×28×77.5×13.5	2	28	77.5	13.5	168.7	71.43	0.71	7.12	Carbon
ESM 2×28×80×14.5	2	28	80	14.5	179.75	71.43	0.64	7.12	Carbon
ESM 2×28×82.5×15.5	2	28	82.5	15.5	190.78	71.43	0.59	7.12	Carbon
ESM 2×28×85×17.5	2	28	85	17.5	201.81	71.43	0.55	7.12	Carbon
ESM 2×28×87.5×18.5	2	28	87.5	18.5	212.85	71.43	0.51	7.12	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2×28×90×19.5	2	28	90	19.5	223.89	71.43	0.48	7.12	Carbon
ESM 2×28×92.5×20.5	2	28	92.5	20.5	234.93	71.43	0.45	7.12	Carbon
ESM 2×28×95×22.5	2	28	95	22.5	245.99	71.43	0.43	7.12	Carbon
ESM 2×28×97.5×23.5	2	28	97.5	23.5	257.03	71.43	0.4	7.12	Carbon
ESM 2×28×100×24.5	2	28	100	24.5	268.03	71.43	0.38	7.12	Carbon
ESM 2×28×102.5×25.5	2	28	102.5	25.5	279.07	71.43	0.36	7.12	Carbon
ESM 2×28×105×27.5	2	28	105	27.5	290.11	71.43	0.35	7.12	Carbon
ESM 2×28×107.5×28.5	2	28	107.5	28.5	301.19	71.43	0.33	7.12	Carbon
ESM 2×28×110×29.5	2	28	110	29.5	312.22	71.43	0.32	7.12	Carbon
ESM 2×28×112.5×30.5	2	28	112.5	30.5	323.27	71.43	0.31	7.12	Carbon
ESM 2×28×115×32.5	2	28	115	32.5	334.25	71.43	0.29	7.12	Carbon
ESM 2×28×117.5×33.5	2	28	117.5	33.5	345.29	71.43	0.28	7.12	Carbon
ESM 2×28×120×34.5	2	28	120	34.5	356.33	71.43	0.27	7.12	Carbon
ESM 2×28×122.5×35.5	2	28	122.5	35.5	367.38	71.43	0.26	7.12	Carbon
ESS 2×28×75×12.5	2	28	75	12.5	159.17	61.69	0.65	7.12	Stainless
ESS 2×28×77.5×13.5	2	28	77.5	13.5	170.36	61.69	0.59	7.12	Stainless
ESS 2×28×80×14.5	2	28	80	14.5	181.56	61.69	0.54	7.12	Stainless
ESS 2×28×82.5×15.5	2	28	82.5	15.5	192.76	61.69	0.49	7.12	Stainless
ESS 2×28×85×17.5	2	28	85	17.5	203.96	61.69	0.46	7.12	Stainless
ESS 2×28×87.5×18.5	2	28	87.5	18.5	215.14	61.69	0.43	7.12	Stainless
ESS 2×28×90×19.5	2	28	90	19.5	226.35	61.69	0.4	7.12	Stainless
ESS 2×28×92.5×20.5	2	28	92.5	20.5	237.54	61.69	0.38	7.12	Stainless
ESS 2×28×95×22.5	2	28	95	22.5	248.71	61.69	0.36	7.12	Stainless
ESS 2×28×97.5×23.5	2	28	97.5	23.5	259.9	61.69	0.34	7.12	Stainless
ESS 2×28×100×24.5	2	28	100	24.5	271.11	61.69	0.32	7.12	Stainless
ESS 2×28×102.5×25.5	2	28	102.5	25.5	282.29	61.69	0.3	7.12	Stainless
ESS 2×28×105×27.5	2	28	105	27.5	293.48	61.69	0.29	7.12	Stainless
ESS 2×28×107.5×28.5	2	28	107.5	28.5	304.7	61.69	0.28	7.12	Stainless
ESS 2×28×110×29.5	2	28	110	29.5	315.91	61.69	0.27	7.12	Stainless
ESS 2×28×112.5×30.5	2	28	112.5	30.5	327.07	61.69	0.25	7.12	Stainless
ESS 2×28×115×32.5	2	28	115	32.5	338.26	61.69	0.24	7.12	Stainless
ESS 2×28×117.5×33.5	2	28	117.5	33.5	349.5	61.69	0.24	7.12	Stainless
ESS 2×28×120×34.5	2	28	120	34.5	360.7	61.69	0.23	7.12	Stainless
ESS 2×28×122.5×35.5	2	28	122.5	35.5	371.89	61.69	0.22	7.12	Stainless
ESM 2.1×28×75×11.5	2.1	28	75	11.5	149.01	82.43	0.99	8.88	Carbon

M: Carbon Steel;
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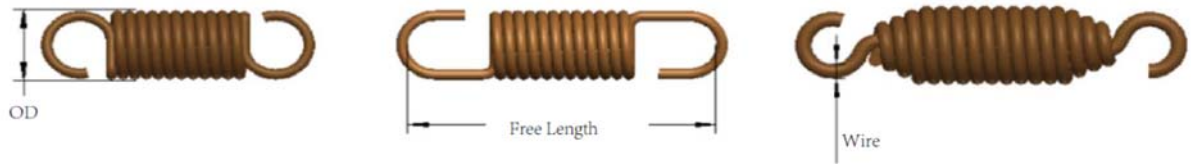
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×28×77.5×12.5	2.1	28	77.5	12.5	159.08	82.43	0.9	8.88	Carbon
ESM 2.1×28×80×14.5	2.1	28	80	14.5	169.14	82.43	0.83	8.88	Carbon
ESM 2.1×28×82.5×15.5	2.1	28	82.5	15.5	179.2	82.43	0.76	8.88	Carbon
ESM 2.1×28×85×16.5	2.1	28	85	16.5	189.27	82.43	0.71	8.88	Carbon
ESM 2.1×28×87.5×17.5	2.1	28	87.5	17.5	199.33	82.43	0.66	8.88	Carbon
ESM 2.1×28×90×18.5	2.1	28	90	18.5	209.4	82.43	0.62	8.88	Carbon
ESM 2.1×28×92.5×19.5	2.1	28	92.5	19.5	219.46	82.43	0.58	8.88	Carbon
ESM 2.1×28×95×21.5	2.1	28	95	21.5	229.53	82.43	0.55	8.88	Carbon
ESM 2.1×28×97.5×22.5	2.1	28	97.5	22.5	239.6	82.43	0.52	8.88	Carbon
ESM 2.1×28×100×23.5	2.1	28	100	23.5	249.64	82.43	0.49	8.88	Carbon
ESM 2.1×28×102.5×24.5	2.1	28	102.5	24.5	259.72	82.43	0.47	8.88	Carbon
ESM 2.1×28×105×25.5	2.1	28	105	25.5	269.8	82.43	0.45	8.88	Carbon
ESM 2.1×28×107.5×27.5	2.1	28	107.5	27.5	279.87	82.43	0.43	8.88	Carbon
ESM 2.1×28×110×28.5	2.1	28	110	28.5	289.91	82.43	0.41	8.88	Carbon
ESM 2.1×28×112.5×29.5	2.1	28	112.5	29.5	299.98	82.43	0.39	8.88	Carbon
ESM 2.1×28×115×30.5	2.1	28	115	30.5	310.04	82.43	0.38	8.88	Carbon
ESM 2.1×28×117.5×31.5	2.1	28	117.5	31.5	320.11	82.43	0.36	8.88	Carbon
ESM 2.1×28×120×33.5	2.1	28	120	33.5	330.14	82.43	0.35	8.88	Carbon
ESM 2.1×28×122.5×34.5	2.1	28	122.5	34.5	340.23	82.43	0.34	8.88	Carbon
ESS 2.1×28×75×11.5	2.1	28	75	11.5	150.15	71.11	0.83	8.88	Stainless
ESS 2.1×28×77.5×12.5	2.1	28	77.5	12.5	160.33	71.11	0.75	8.88	Stainless
ESS 2.1×28×80×14.5	2.1	28	80	14.5	170.5	71.11	0.69	8.88	Stainless
ESS 2.1×28×82.5×15.5	2.1	28	82.5	15.5	180.68	71.11	0.63	8.88	Stainless
ESS 2.1×28×85×16.5	2.1	28	85	16.5	190.87	71.11	0.59	8.88	Stainless
ESS 2.1×28×87.5×17.5	2.1	28	87.5	17.5	201.04	71.11	0.55	8.88	Stainless
ESS 2.1×28×90×18.5	2.1	28	90	18.5	211.23	71.11	0.51	8.88	Stainless
ESS 2.1×28×92.5×19.5	2.1	28	92.5	19.5	221.39	71.11	0.48	8.88	Stainless
ESS 2.1×28×95×21.5	2.1	28	95	21.5	231.59	71.11	0.46	8.88	Stainless
ESS 2.1×28×97.5×22.5	2.1	28	97.5	22.5	241.75	71.11	0.43	8.88	Stainless
ESS 2.1×28×100×23.5	2.1	28	100	23.5	251.96	71.11	0.41	8.88	Stainless
ESS 2.1×28×102.5×24.5	2.1	28	102.5	24.5	262.14	71.11	0.39	8.88	Stainless
ESS 2.1×28×105×25.5	2.1	28	105	25.5	272.33	71.11	0.37	8.88	Stainless
ESS 2.1×28×107.5×27.5	2.1	28	107.5	27.5	282.5	71.11	0.36	8.88	Stainless
ESS 2.1×28×110×28.5	2.1	28	110	28.5	292.65	71.11	0.34	8.88	Stainless
ESS 2.1×28×112.5×29.5	2.1	28	112.5	29.5	302.86	71.11	0.33	8.88	Stainless

M: Carbon Steel;
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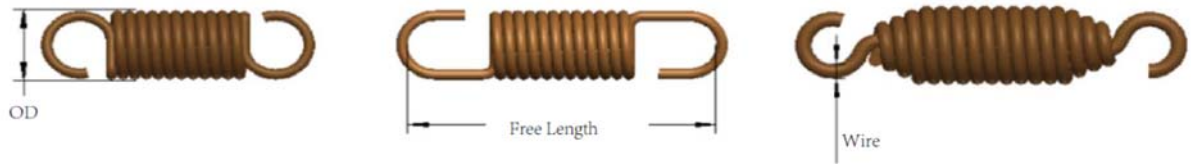
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×28×115×30.5	2.1	28	115	30.5	313.06	71.11	0.31	8.88	Stainless
ESS 2.1×28×117.5×31.5	2.1	28	117.5	31.5	323.22	71.11	0.3	8.88	Stainless
ESS 2.1×28×120×33.5	2.1	28	120	33.5	333.41	71.11	0.29	8.88	Stainless
ESS 2.1×28×122.5×34.5	2.1	28	122.5	34.5	343.56	71.11	0.28	8.88	Stainless
ESM 2.2×28×75×11.5	2.2	28	75	11.5	141.29	94.13	1.26	10.92	Carbon
ESM 2.2×28×77.5×12.5	2.2	28	77.5	12.5	150.49	94.13	1.14	10.92	Carbon
ESM 2.2×28×80×13.5	2.2	28	80	13.5	159.7	94.13	1.04	10.92	Carbon
ESM 2.2×28×82.5×14.5	2.2	28	82.5	14.5	168.9	94.13	0.96	10.92	Carbon
ESM 2.2×28×85×15.5	2.2	28	85	15.5	178.1	94.13	0.89	10.92	Carbon
ESM 2.2×28×87.5×16.5	2.2	28	87.5	16.5	187.31	94.13	0.83	10.92	Carbon
ESM 2.2×28×90×18.5	2.2	28	90	18.5	196.52	94.13	0.78	10.92	Carbon
ESM 2.2×28×92.5×19.5	2.2	28	92.5	19.5	205.72	94.13	0.74	10.92	Carbon
ESM 2.2×28×95×20.5	2.2	28	95	20.5	214.92	94.13	0.69	10.92	Carbon
ESM 2.2×28×97.5×21.5	2.2	28	97.5	21.5	224.12	94.13	0.66	10.92	Carbon
ESM 2.2×28×100×22.5	2.2	28	100	22.5	233.33	94.13	0.62	10.92	Carbon
ESM 2.2×28×102.5×23.5	2.2	28	102.5	23.5	242.54	94.13	0.59	10.92	Carbon
ESM 2.2×28×105×24.5	2.2	28	105	24.5	251.74	94.13	0.57	10.92	Carbon
ESM 2.2×28×107.5×26.5	2.2	28	107.5	26.5	260.95	94.13	0.54	10.92	Carbon
ESM 2.2×28×110×27.5	2.2	28	110	27.5	270.15	94.13	0.52	10.92	Carbon
ESM 2.2×28×112.5×28.5	2.2	28	112.5	28.5	279.36	94.13	0.5	10.92	Carbon
ESM 2.2×28×115×29.5	2.2	28	115	29.5	288.54	94.13	0.48	10.92	Carbon
ESM 2.2×28×117.5×30.5	2.2	28	117.5	30.5	297.77	94.13	0.46	10.92	Carbon
ESM 2.2×28×120×31.5	2.2	28	120	31.5	306.95	94.13	0.45	10.92	Carbon
ESM 2.2×28×122.5×32.5	2.2	28	122.5	32.5	316.16	94.13	0.43	10.92	Carbon
ESS 2.2×28×75×11.5	2.2	28	75	11.5	142.38	81.4	1.05	10.92	Stainless
ESS 2.2×28×77.5×12.5	2.2	28	77.5	12.5	151.69	81.4	0.95	10.92	Stainless
ESS 2.2×28×80×13.5	2.2	28	80	13.5	161.01	81.4	0.87	10.92	Stainless
ESS 2.2×28×82.5×14.5	2.2	28	82.5	14.5	170.32	81.4	0.8	10.92	Stainless
ESS 2.2×28×85×15.5	2.2	28	85	15.5	179.63	81.4	0.74	10.92	Stainless
ESS 2.2×28×87.5×16.5	2.2	28	87.5	16.5	188.94	81.4	0.69	10.92	Stainless
ESS 2.2×28×90×18.5	2.2	28	90	18.5	198.27	81.4	0.65	10.92	Stainless
ESS 2.2×28×92.5×19.5	2.2	28	92.5	19.5	207.58	81.4	0.61	10.92	Stainless
ESS 2.2×28×95×20.5	2.2	28	95	20.5	216.9	81.4	0.58	10.92	Stainless
ESS 2.2×28×97.5×21.5	2.2	28	97.5	21.5	226.21	81.4	0.55	10.92	Stainless
ESS 2.2×28×100×22.5	2.2	28	100	22.5	235.52	81.4	0.52	10.92	Stainless

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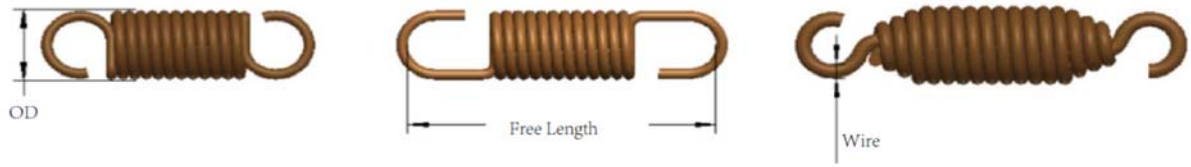

SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.2×28×102.5×23.5	2.2	28	102.5	23.5	244.83	81.4	0.5	10.92	Stainless
ESS 2.2×28×105×24.5	2.2	28	105	24.5	254.14	81.4	0.47	10.92	Stainless
ESS 2.2×28×107.5×26.5	2.2	28	107.5	26.5	263.47	81.4	0.45	10.92	Stainless
ESS 2.2×28×110×27.5	2.2	28	110	27.5	272.78	81.4	0.43	10.92	Stainless
ESS 2.2×28×112.5×28.5	2.2	28	112.5	28.5	282.1	81.4	0.42	10.92	Stainless
ESS 2.2×28×115×29.5	2.2	28	115	29.5	291.39	81.4	0.4	10.92	Stainless
ESS 2.2×28×117.5×30.5	2.2	28	117.5	30.5	300.72	81.4	0.38	10.92	Stainless
ESS 2.2×28×120×31.5	2.2	28	120	31.5	310.03	81.4	0.37	10.92	Stainless
ESS 2.2×28×122.5×32.5	2.2	28	122.5	32.5	319.33	81.4	0.36	10.92	Stainless
ESM 2.3×28×75×10.5	2.3	28	75	10.5	134.85	107.21	1.57	13.28	Carbon
ESM 2.3×28×77.5×11.5	2.3	28	77.5	11.5	143.34	107.21	1.43	13.28	Carbon
ESM 2.3×28×80×13.5	2.3	28	80	13.5	151.83	107.21	1.31	13.28	Carbon
ESM 2.3×28×82.5×14.5	2.3	28	82.5	14.5	160.31	107.21	1.21	13.28	Carbon
ESM 2.3×28×85×15.5	2.3	28	85	15.5	168.8	107.21	1.12	13.28	Carbon
ESM 2.3×28×87.5×16.5	2.3	28	87.5	16.5	177.3	107.21	1.05	13.28	Carbon
ESM 2.3×28×90×17.5	2.3	28	90	17.5	185.78	107.21	0.98	13.28	Carbon
ESM 2.3×28×92.5×18.5	2.3	28	92.5	18.5	194.27	107.21	0.92	13.28	Carbon
ESM 2.3×28×95×19.5	2.3	28	95	19.5	202.76	107.21	0.87	13.28	Carbon
ESM 2.3×28×97.5×20.5	2.3	28	97.5	20.5	211.25	107.21	0.83	13.28	Carbon
ESM 2.3×28×100×21.5	2.3	28	100	21.5	219.74	107.21	0.78	13.28	Carbon
ESM 2.3×28×102.5×22.5	2.3	28	102.5	22.5	228.23	107.21	0.75	13.28	Carbon
ESM 2.3×28×105×23.5	2.3	28	105	23.5	236.73	107.21	0.71	13.28	Carbon
ESM 2.3×28×107.5×24.5	2.3	28	107.5	24.5	245.22	107.21	0.68	13.28	Carbon
ESM 2.3×28×110×26.5	2.3	28	110	26.5	253.7	107.21	0.65	13.28	Carbon
ESM 2.3×28×112.5×27.5	2.3	28	112.5	27.5	262.2	107.21	0.63	13.28	Carbon
ESM 2.3×28×115×28.5	2.3	28	115	28.5	270.68	107.21	0.6	13.28	Carbon
ESM 2.3×28×117.5×29.5	2.3	28	117.5	29.5	279.18	107.21	0.58	13.28	Carbon
ESM 2.3×28×120×30.5	2.3	28	120	30.5	287.65	107.21	0.56	13.28	Carbon
ESM 2.3×28×122.5×31.5	2.3	28	122.5	31.5	296.13	107.21	0.54	13.28	Carbon
ESS 2.3×28×75×10.5	2.3	28	75	10.5	135.65	92.61	1.31	13.28	Stainless
ESS 2.3×28×77.5×11.5	2.3	28	77.5	11.5	144.22	92.61	1.19	13.28	Stainless
ESS 2.3×28×80×13.5	2.3	28	80	13.5	152.79	92.61	1.09	13.28	Stainless
ESS 2.3×28×82.5×14.5	2.3	28	82.5	14.5	161.36	92.61	1.01	13.28	Stainless
ESS 2.3×28×85×15.5	2.3	28	85	15.5	169.93	92.61	0.93	13.28	Stainless
ESS 2.3×28×87.5×16.5	2.3	28	87.5	16.5	178.5	92.61	0.87	13.28	Stainless

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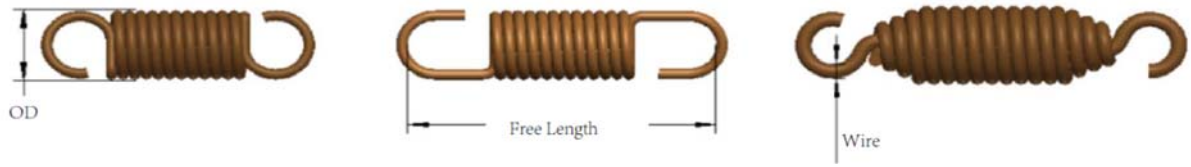
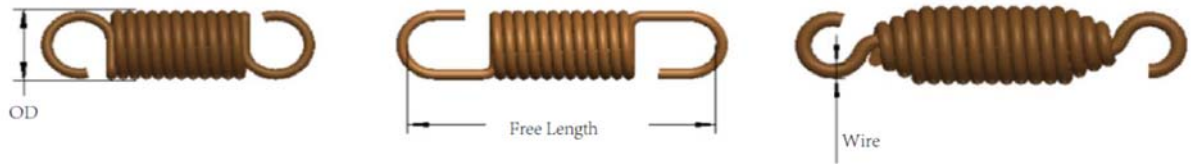
OD:Outer Diameter
Max Length - Max Load



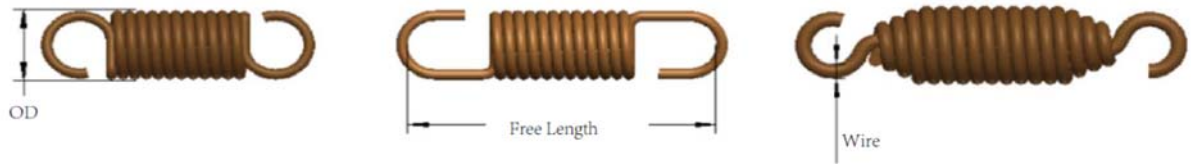
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.3×28×90×17.5	2.3	28	90	17.5	187.07	92.61	0.82	13.28	Stainless
ESS 2.3×28×92.5×18.5	2.3	28	92.5	18.5	195.64	92.61	0.77	13.28	Stainless
ESS 2.3×28×95×19.5	2.3	28	95	19.5	204.22	92.61	0.73	13.28	Stainless
ESS 2.3×28×97.5×20.5	2.3	28	97.5	20.5	212.78	92.61	0.69	13.28	Stainless
ESS 2.3×28×100×21.5	2.3	28	100	21.5	221.36	92.61	0.65	13.28	Stainless
ESS 2.3×28×102.5×22.5	2.3	28	102.5	22.5	229.92	92.61	0.62	13.28	Stainless
ESS 2.3×28×105×23.5	2.3	28	105	23.5	238.49	92.61	0.59	13.28	Stainless
ESS 2.3×28×107.5×24.5	2.3	28	107.5	24.5	247.07	92.61	0.57	13.28	Stainless
ESS 2.3×28×110×26.5	2.3	28	110	26.5	255.65	92.61	0.54	13.28	Stainless
ESS 2.3×28×112.5×27.5	2.3	28	112.5	27.5	264.19	92.61	0.52	13.28	Stainless
ESS 2.3×28×115×28.5	2.3	28	115	28.5	272.78	92.61	0.5	13.28	Stainless
ESS 2.3×28×117.5×29.5	2.3	28	117.5	29.5	281.35	92.61	0.48	13.28	Stainless
ESS 2.3×28×120×30.5	2.3	28	120	30.5	289.92	92.61	0.47	13.28	Stainless
ESS 2.3×28×122.5×31.5	2.3	28	122.5	31.5	298.48	92.61	0.45	13.28	Stainless
ESM 2.4×28×75×10.5	2.4	28	75	10.5	129.23	121.41	1.94	15.97	Carbon
ESM 2.4×28×77.5×11.5	2.4	28	77.5	11.5	137.1	121.41	1.77	15.97	Carbon
ESM 2.4×28×80×12.5	2.4	28	80	12.5	144.97	121.41	1.62	15.97	Carbon
ESM 2.4×28×82.5×13.5	2.4	28	82.5	13.5	152.84	121.41	1.5	15.97	Carbon
ESM 2.4×28×85×14.5	2.4	28	85	14.5	160.71	121.41	1.39	15.97	Carbon
ESM 2.4×28×87.5×15.5	2.4	28	87.5	15.5	168.58	121.41	1.3	15.97	Carbon
ESM 2.4×28×90×16.5	2.4	28	90	16.5	176.46	121.41	1.22	15.97	Carbon
ESM 2.4×28×92.5×17.5	2.4	28	92.5	17.5	184.32	121.41	1.15	15.97	Carbon
ESM 2.4×28×95×18.5	2.4	28	95	18.5	192.2	121.41	1.08	15.97	Carbon
ESM 2.4×28×97.5×19.5	2.4	28	97.5	19.5	200.07	121.41	1.03	15.97	Carbon
ESM 2.4×28×100×20.5	2.4	28	100	20.5	207.93	121.41	0.98	15.97	Carbon
ESM 2.4×28×102.5×21.5	2.4	28	102.5	21.5	215.8	121.41	0.93	15.97	Carbon
ESM 2.4×28×105×23.5	2.4	28	105	23.5	223.69	121.41	0.89	15.97	Carbon
ESM 2.4×28×107.5×24.5	2.4	28	107.5	24.5	231.55	121.41	0.85	15.97	Carbon
ESM 2.4×28×110×25.5	2.4	28	110	25.5	239.42	121.41	0.81	15.97	Carbon
ESM 2.4×28×112.5×26.5	2.4	28	112.5	26.5	247.3	121.41	0.78	15.97	Carbon
ESM 2.4×28×115×27.5	2.4	28	115	27.5	255.16	121.41	0.75	15.97	Carbon
ESM 2.4×28×117.5×28.5	2.4	28	117.5	28.5	263.04	121.41	0.72	15.97	Carbon
ESM 2.4×28×120×29.5	2.4	28	120	29.5	270.91	121.41	0.7	15.97	Carbon
ESM 2.4×28×122.5×30.5	2.4	28	122.5	30.5	278.78	121.41	0.67	15.97	Carbon
ESS 2.4×28×75×10.5	2.4	28	75	10.5	129.79	104.76	1.62	15.97	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



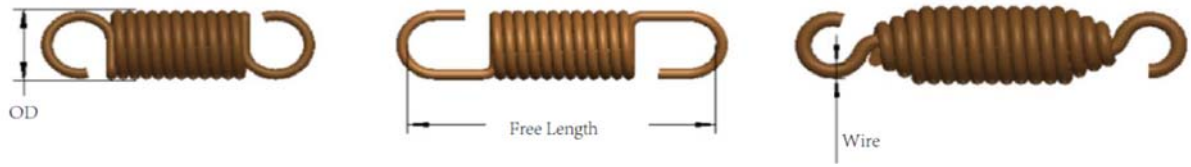
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×28×77.5×11.5	2.4	28	77.5	11.5	137.72	104.76	1.47	15.97	Stainless
ESS 2.4×28×80×12.5	2.4	28	80	12.5	145.65	104.76	1.35	15.97	Stainless
ESS 2.4×28×82.5×13.5	2.4	28	82.5	13.5	153.57	104.76	1.25	15.97	Stainless
ESS 2.4×28×85×14.5	2.4	28	85	14.5	161.51	104.76	1.16	15.97	Stainless
ESS 2.4×28×87.5×15.5	2.4	28	87.5	15.5	169.43	104.76	1.08	15.97	Stainless
ESS 2.4×28×90×16.5	2.4	28	90	16.5	177.36	104.76	1.02	15.97	Stainless
ESS 2.4×28×92.5×17.5	2.4	28	92.5	17.5	185.28	104.76	0.96	15.97	Stainless
ESS 2.4×28×95×18.5	2.4	28	95	18.5	193.21	104.76	0.9	15.97	Stainless
ESS 2.4×28×97.5×19.5	2.4	28	97.5	19.5	201.14	104.76	0.86	15.97	Stainless
ESS 2.4×28×100×20.5	2.4	28	100	20.5	209.07	104.76	0.81	15.97	Stainless
ESS 2.4×28×102.5×21.5	2.4	28	102.5	21.5	216.99	104.76	0.78	15.97	Stainless
ESS 2.4×28×105×23.5	2.4	28	105	23.5	224.92	104.76	0.74	15.97	Stainless
ESS 2.4×28×107.5×24.5	2.4	28	107.5	24.5	232.85	104.76	0.71	15.97	Stainless
ESS 2.4×28×110×25.5	2.4	28	110	25.5	240.78	104.76	0.68	15.97	Stainless
ESS 2.4×28×112.5×26.5	2.4	28	112.5	26.5	248.7	104.76	0.65	15.97	Stainless
ESS 2.4×28×115×27.5	2.4	28	115	27.5	256.63	104.76	0.63	15.97	Stainless
ESS 2.4×28×117.5×28.5	2.4	28	117.5	28.5	264.57	104.76	0.6	15.97	Stainless
ESS 2.4×28×120×29.5	2.4	28	120	29.5	272.47	104.76	0.58	15.97	Stainless
ESS 2.4×28×122.5×30.5	2.4	28	122.5	30.5	280.43	104.76	0.56	15.97	Stainless
ESM 2.5×28×75×10.5	2.5	28	75	10.5	124.3	136.77	2.39	19.03	Carbon
ESM 2.5×28×77.5×11.5	2.5	28	77.5	11.5	131.63	136.77	2.18	19.03	Carbon
ESM 2.5×28×80×12.5	2.5	28	80	12.5	138.97	136.77	2	19.03	Carbon
ESM 2.5×28×82.5×13.5	2.5	28	82.5	13.5	146.3	136.77	1.85	19.03	Carbon
ESM 2.5×28×85×14.5	2.5	28	85	14.5	153.63	136.77	1.72	19.03	Carbon
ESM 2.5×28×87.5×15.5	2.5	28	87.5	15.5	160.96	136.77	1.6	19.03	Carbon
ESM 2.5×28×90×16.5	2.5	28	90	16.5	168.3	136.77	1.5	19.03	Carbon
ESM 2.5×28×92.5×17.5	2.5	28	92.5	17.5	175.63	136.77	1.42	19.03	Carbon
ESM 2.5×28×95×18.5	2.5	28	95	18.5	182.97	136.77	1.34	19.03	Carbon
ESM 2.5×28×97.5×19.5	2.5	28	97.5	19.5	190.3	136.77	1.27	19.03	Carbon
ESM 2.5×28×100×20.5	2.5	28	100	20.5	197.63	136.77	1.21	19.03	Carbon
ESM 2.5×28×102.5×21.5	2.5	28	102.5	21.5	204.96	136.77	1.15	19.03	Carbon
ESM 2.5×28×105×22.5	2.5	28	105	22.5	212.3	136.77	1.1	19.03	Carbon
ESM 2.5×28×107.5×23.5	2.5	28	107.5	23.5	219.63	136.77	1.05	19.03	Carbon
ESM 2.5×28×110×24.5	2.5	28	110	24.5	226.97	136.77	1.01	19.03	Carbon
ESM 2.5×28×112.5×25.5	2.5	28	112.5	25.5	234.3	136.77	0.97	19.03	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



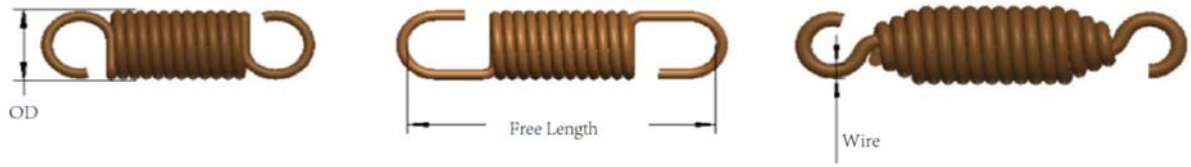
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×28×115×26.5	2.5	28	115	26.5	241.63	136.77	0.93	19.03	Carbon
ESM 2.5×28×117.5×27.5	2.5	28	117.5	27.5	248.97	136.77	0.9	19.03	Carbon
ESM 2.5×28×120×28.5	2.5	28	120	28.5	256.31	136.77	0.86	19.03	Carbon
ESM 2.5×28×122.5×29.5	2.5	28	122.5	29.5	263.63	136.77	0.83	19.03	Carbon
ESS 2.5×28×75×10.5	2.5	28	75	10.5	124.66	117.87	1.99	19.03	Stainless
ESS 2.5×28×77.5×11.5	2.5	28	77.5	11.5	132.03	117.87	1.81	19.03	Stainless
ESS 2.5×28×80×12.5	2.5	28	80	12.5	139.4	117.87	1.66	19.03	Stainless
ESS 2.5×28×82.5×13.5	2.5	28	82.5	13.5	146.77	117.87	1.54	19.03	Stainless
ESS 2.5×28×85×14.5	2.5	28	85	14.5	154.14	117.87	1.43	19.03	Stainless
ESS 2.5×28×87.5×15.5	2.5	28	87.5	15.5	161.51	117.87	1.34	19.03	Stainless
ESS 2.5×28×90×16.5	2.5	28	90	16.5	168.88	117.87	1.25	19.03	Stainless
ESS 2.5×28×92.5×17.5	2.5	28	92.5	17.5	176.25	117.87	1.18	19.03	Stainless
ESS 2.5×28×95×18.5	2.5	28	95	18.5	183.62	117.87	1.12	19.03	Stainless
ESS 2.5×28×97.5×19.5	2.5	28	97.5	19.5	190.99	117.87	1.06	19.03	Stainless
ESS 2.5×28×100×20.5	2.5	28	100	20.5	198.35	117.87	1.01	19.03	Stainless
ESS 2.5×28×102.5×21.5	2.5	28	102.5	21.5	205.72	117.87	0.96	19.03	Stainless
ESS 2.5×28×105×22.5	2.5	28	105	22.5	213.09	117.87	0.91	19.03	Stainless
ESS 2.5×28×107.5×23.5	2.5	28	107.5	23.5	220.46	117.87	0.88	19.03	Stainless
ESS 2.5×28×110×24.5	2.5	28	110	24.5	227.82	117.87	0.84	19.03	Stainless
ESS 2.5×28×112.5×25.5	2.5	28	112.5	25.5	235.19	117.87	0.81	19.03	Stainless
ESS 2.5×28×115×26.5	2.5	28	115	26.5	242.57	117.87	0.77	19.03	Stainless
ESS 2.5×28×117.5×27.5	2.5	28	117.5	27.5	249.94	117.87	0.75	19.03	Stainless
ESS 2.5×28×120×28.5	2.5	28	120	28.5	257.3	117.87	0.72	19.03	Stainless
ESS 2.5×28×122.5×29.5	2.5	28	122.5	29.5	264.68	117.87	0.7	19.03	Stainless
ESM 2.6×28×77.5×10.5	2.6	28	77.5	10.5	128.74	152.77	2.54	22.49	Carbon
ESM 2.6×28×80×11.5	2.6	28	80	11.5	135.78	152.77	2.34	22.49	Carbon
ESM 2.6×28×82.5×12.5	2.6	28	82.5	12.5	142.81	152.77	2.16	22.49	Carbon
ESM 2.6×28×85×13.5	2.6	28	85	13.5	149.84	152.77	2.01	22.49	Carbon
ESM 2.6×28×87.5×14.5	2.6	28	87.5	14.5	156.88	152.77	1.88	22.49	Carbon
ESM 2.6×28×90×15.5	2.6	28	90	15.5	163.91	152.77	1.76	22.49	Carbon
ESM 2.6×28×92.5×16.5	2.6	28	92.5	16.5	170.94	152.77	1.66	22.49	Carbon
ESM 2.6×28×95×17.5	2.6	28	95	17.5	177.98	152.77	1.57	22.49	Carbon
ESM 2.6×28×97.5×18.5	2.6	28	97.5	18.5	185.01	152.77	1.49	22.49	Carbon
ESM 2.6×28×100×19.5	2.6	28	100	19.5	192.04	152.77	1.42	22.49	Carbon
ESM 2.6×28×102.5×20.5	2.6	28	102.5	20.5	199.08	152.77	1.35	22.49	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



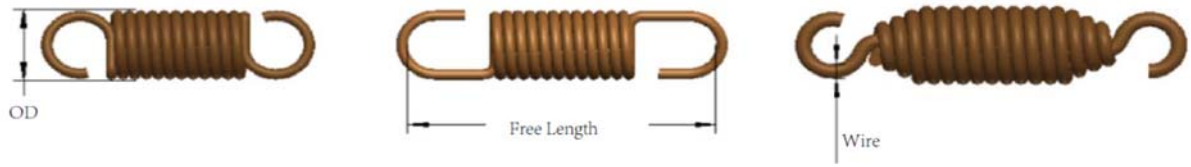
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×28×105×21.5	2.6	28	105	21.5	206.11	152.77	1.29	22.49	Carbon
ESM 2.6×28×107.5×22.5	2.6	28	107.5	22.5	213.14	152.77	1.23	22.49	Carbon
ESM 2.6×28×110×23.5	2.6	28	110	23.5	220.18	152.77	1.18	22.49	Carbon
ESM 2.6×28×112.5×24.5	2.6	28	112.5	24.5	227.21	152.77	1.14	22.49	Carbon
ESM 2.6×28×115×25.5	2.6	28	115	25.5	234.24	152.77	1.09	22.49	Carbon
ESM 2.6×28×117.5×26.5	2.6	28	117.5	26.5	241.27	152.77	1.05	22.49	Carbon
ESM 2.6×28×120×27.5	2.6	28	120	27.5	248.31	152.77	1.02	22.49	Carbon
ESM 2.6×28×122.5×28.5	2.6	28	122.5	28.5	255.34	152.77	0.98	22.49	Carbon
ESM 2.6×28×125×29.5	2.6	28	125	29.5	262.37	152.77	0.95	22.49	Carbon
ESS 2.6×28×77.5×10.5	2.6	28	77.5	10.5	127.03	131.99	2.21	22.49	Stainless
ESS 2.6×28×80×11.5	2.6	28	80	11.5	133.91	131.99	2.03	22.49	Stainless
ESS 2.6×28×82.5×12.5	2.6	28	82.5	12.5	140.79	131.99	1.88	22.49	Stainless
ESS 2.6×28×85×13.5	2.6	28	85	13.5	147.67	131.99	1.75	22.49	Stainless
ESS 2.6×28×87.5×14.5	2.6	28	87.5	14.5	154.56	131.99	1.63	22.49	Stainless
ESS 2.6×28×90×15.5	2.6	28	90	15.5	161.44	131.99	1.53	22.49	Stainless
ESS 2.6×28×92.5×16.5	2.6	28	92.5	16.5	168.32	131.99	1.44	22.49	Stainless
ESS 2.6×28×95×17.5	2.6	28	95	17.5	175.2	131.99	1.37	22.49	Stainless
ESS 2.6×28×97.5×18.5	2.6	28	97.5	18.5	182.08	131.99	1.29	22.49	Stainless
ESS 2.6×28×100×19.5	2.6	28	100	19.5	188.96	131.99	1.23	22.49	Stainless
ESS 2.6×28×102.5×20.5	2.6	28	102.5	20.5	195.85	131.99	1.17	22.49	Stainless
ESS 2.6×28×105×21.5	2.6	28	105	21.5	202.73	131.99	1.12	22.49	Stainless
ESS 2.6×28×107.5×22.5	2.6	28	107.5	22.5	209.61	131.99	1.07	22.49	Stainless
ESS 2.6×28×110×23.5	2.6	28	110	23.5	216.49	131.99	1.03	22.49	Stainless
ESS 2.6×28×112.5×24.5	2.6	28	112.5	24.5	223.38	131.99	0.99	22.49	Stainless
ESS 2.6×28×115×25.5	2.6	28	115	25.5	230.25	131.99	0.95	22.49	Stainless
ESS 2.6×28×117.5×26.5	2.6	28	117.5	26.5	237.14	131.99	0.92	22.49	Stainless
ESS 2.6×28×120×27.5	2.6	28	120	27.5	244.01	131.99	0.88	22.49	Stainless
ESS 2.6×28×122.5×28.5	2.6	28	122.5	28.5	250.9	131.99	0.85	22.49	Stainless
ESS 2.6×28×125×29.5	2.6	28	125	29.5	257.78	131.99	0.82	22.49	Stainless
ESM 2.7×28×77.5×10.5	2.7	28	77.5	10.5	124.32	170.5	3.08	26.36	Carbon
ESM 2.7×28×80×11.5	2.7	28	80	11.5	130.92	170.5	2.83	26.36	Carbon
ESM 2.7×28×82.5×12.5	2.7	28	82.5	12.5	137.52	170.5	2.62	26.36	Carbon
ESM 2.7×28×85×13.5	2.7	28	85	13.5	144.13	170.5	2.44	26.36	Carbon
ESM 2.7×28×87.5×14.5	2.7	28	87.5	14.5	150.73	170.5	2.28	26.36	Carbon
ESM 2.7×28×90×15.5	2.7	28	90	15.5	157.34	170.5	2.14	26.36	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



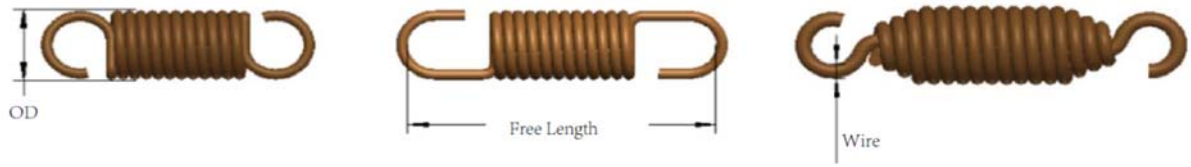
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.7×28×92.5×16.5	2.7	28	92.5	16.5	163.94	170.5	2.02	26.36	Carbon
ESM 2.7×28×95×17.5	2.7	28	95	17.5	170.54	170.5	1.91	26.36	Carbon
ESM 2.7×28×97.5×17.5	2.7	28	97.5	17.5	177.15	170.5	1.81	26.36	Carbon
ESM 2.7×28×100×18.5	2.7	28	100	18.5	183.75	170.5	1.72	26.36	Carbon
ESM 2.7×28×102.5×19.5	2.7	28	102.5	19.5	190.36	170.5	1.64	26.36	Carbon
ESM 2.7×28×105×20.5	2.7	28	105	20.5	196.96	170.5	1.57	26.36	Carbon
ESM 2.7×28×107.5×21.5	2.7	28	107.5	21.5	203.56	170.5	1.5	26.36	Carbon
ESM 2.7×28×110×22.5	2.7	28	110	22.5	210.17	170.5	1.44	26.36	Carbon
ESM 2.7×28×112.5×23.5	2.7	28	112.5	23.5	216.77	170.5	1.38	26.36	Carbon
ESM 2.7×28×115×24.5	2.7	28	115	24.5	223.37	170.5	1.33	26.36	Carbon
ESM 2.7×28×117.5×25.5	2.7	28	117.5	25.5	229.98	170.5	1.28	26.36	Carbon
ESM 2.7×28×120×26.5	2.7	28	120	26.5	236.59	170.5	1.24	26.36	Carbon
ESM 2.7×28×122.5×27.5	2.7	28	122.5	27.5	243.19	170.5	1.19	26.36	Carbon
ESM 2.7×28×125×28.5	2.7	28	125	28.5	249.79	170.5	1.16	26.36	Carbon
ESS 2.7×28×77.5×10.5	2.7	28	77.5	10.5	122.61	147.13	2.68	26.36	Stainless
ESS 2.7×28×80×11.5	2.7	28	80	11.5	129.07	147.13	2.46	26.36	Stainless
ESS 2.7×28×82.5×12.5	2.7	28	82.5	12.5	135.52	147.13	2.28	26.36	Stainless
ESS 2.7×28×85×13.5	2.7	28	85	13.5	141.98	147.13	2.12	26.36	Stainless
ESS 2.7×28×87.5×14.5	2.7	28	87.5	14.5	148.43	147.13	1.98	26.36	Stainless
ESS 2.7×28×90×15.5	2.7	28	90	15.5	154.89	147.13	1.86	26.36	Stainless
ESS 2.7×28×92.5×16.5	2.7	28	92.5	16.5	161.34	147.13	1.75	26.36	Stainless
ESS 2.7×28×95×17.5	2.7	28	95	17.5	167.79	147.13	1.66	26.36	Stainless
ESS 2.7×28×97.5×17.5	2.7	28	97.5	17.5	174.25	147.13	1.57	26.36	Stainless
ESS 2.7×28×100×18.5	2.7	28	100	18.5	180.7	147.13	1.5	26.36	Stainless
ESS 2.7×28×102.5×19.5	2.7	28	102.5	19.5	187.16	147.13	1.43	26.36	Stainless
ESS 2.7×28×105×20.5	2.7	28	105	20.5	193.61	147.13	1.36	26.36	Stainless
ESS 2.7×28×107.5×21.5	2.7	28	107.5	21.5	200.07	147.13	1.3	26.36	Stainless
ESS 2.7×28×110×22.5	2.7	28	110	22.5	206.52	147.13	1.25	26.36	Stainless
ESS 2.7×28×112.5×23.5	2.7	28	112.5	23.5	212.97	147.13	1.2	26.36	Stainless
ESS 2.7×28×115×24.5	2.7	28	115	24.5	219.43	147.13	1.16	26.36	Stainless
ESS 2.7×28×117.5×25.5	2.7	28	117.5	25.5	225.88	147.13	1.11	26.36	Stainless
ESS 2.7×28×120×26.5	2.7	28	120	26.5	232.33	147.13	1.08	26.36	Stainless
ESS 2.7×28×122.5×27.5	2.7	28	122.5	27.5	238.79	147.13	1.04	26.36	Stainless
ESS 2.7×28×125×28.5	2.7	28	125	28.5	245.24	147.13	1	26.36	Stainless
ESM 2.8×28×77.5×10.5	2.8	28	77.5	10.5	120.39	189.49	3.7	30.69	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



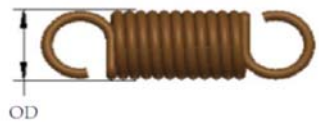
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×28×80×11.5	2.8	28	80	11.5	126.61	189.49	3.41	30.69	Carbon
ESM 2.8×28×82.5×12.5	2.8	28	82.5	12.5	132.84	189.49	3.15	30.69	Carbon
ESM 2.8×28×85×12.5	2.8	28	85	12.5	139.06	189.49	2.94	30.69	Carbon
ESM 2.8×28×87.5×13.5	2.8	28	87.5	13.5	145.28	189.49	2.75	30.69	Carbon
ESM 2.8×28×90×14.5	2.8	28	90	14.5	151.51	189.49	2.58	30.69	Carbon
ESM 2.8×28×92.5×15.5	2.8	28	92.5	15.5	157.74	189.49	2.43	30.69	Carbon
ESM 2.8×28×95×16.5	2.8	28	95	16.5	163.96	189.49	2.3	30.69	Carbon
ESM 2.8×28×97.5×17.5	2.8	28	97.5	17.5	170.19	189.49	2.18	30.69	Carbon
ESM 2.8×28×100×18.5	2.8	28	100	18.5	176.41	189.49	2.08	30.69	Carbon
ESM 2.8×28×102.5×19.5	2.8	28	102.5	19.5	182.64	189.49	1.98	30.69	Carbon
ESM 2.8×28×105×20.5	2.8	28	105	20.5	188.86	189.49	1.89	30.69	Carbon
ESM 2.8×28×107.5×20.5	2.8	28	107.5	20.5	195.09	189.49	1.81	30.69	Carbon
ESM 2.8×28×110×21.5	2.8	28	110	21.5	201.31	189.49	1.74	30.69	Carbon
ESM 2.8×28×112.5×22.5	2.8	28	112.5	22.5	207.54	189.49	1.67	30.69	Carbon
ESM 2.8×28×115×23.5	2.8	28	115	23.5	213.77	189.49	1.61	30.69	Carbon
ESM 2.8×28×117.5×24.5	2.8	28	117.5	24.5	219.99	189.49	1.55	30.69	Carbon
ESM 2.8×28×120×25.5	2.8	28	120	25.5	226.22	189.49	1.5	30.69	Carbon
ESM 2.8×28×122.5×26.5	2.8	28	122.5	26.5	232.44	189.49	1.44	30.69	Carbon
ESM 2.8×28×125×27.5	2.8	28	125	27.5	238.67	189.49	1.4	30.69	Carbon
ESS 2.8×28×77.5×10.5	2.8	28	77.5	10.5	118.69	163.33	3.22	30.69	Stainless
ESS 2.8×28×80×11.5	2.8	28	80	11.5	124.77	163.33	2.96	30.69	Stainless
ESS 2.8×28×82.5×12.5	2.8	28	82.5	12.5	130.85	163.33	2.74	30.69	Stainless
ESS 2.8×28×85×12.5	2.8	28	85	12.5	136.93	163.33	2.55	30.69	Stainless
ESS 2.8×28×87.5×13.5	2.8	28	87.5	13.5	143.01	163.33	2.39	30.69	Stainless
ESS 2.8×28×90×14.5	2.8	28	90	14.5	149.08	163.33	2.25	30.69	Stainless
ESS 2.8×28×92.5×15.5	2.8	28	92.5	15.5	155.16	163.33	2.12	30.69	Stainless
ESS 2.8×28×95×16.5	2.8	28	95	16.5	161.24	163.33	2	30.69	Stainless
ESS 2.8×28×97.5×17.5	2.8	28	97.5	17.5	167.32	163.33	1.9	30.69	Stainless
ESS 2.8×28×100×18.5	2.8	28	100	18.5	173.4	163.33	1.81	30.69	Stainless
ESS 2.8×28×102.5×19.5	2.8	28	102.5	19.5	179.47	163.33	1.72	30.69	Stainless
ESS 2.8×28×105×20.5	2.8	28	105	20.5	185.56	163.33	1.65	30.69	Stainless
ESS 2.8×28×107.5×20.5	2.8	28	107.5	20.5	191.63	163.33	1.58	30.69	Stainless
ESS 2.8×28×110×21.5	2.8	28	110	21.5	197.71	163.33	1.51	30.69	Stainless
ESS 2.8×28×112.5×22.5	2.8	28	112.5	22.5	203.79	163.33	1.45	30.69	Stainless
ESS 2.8×28×115×23.5	2.8	28	115	23.5	209.87	163.33	1.4	30.69	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×28×117.5×24.5	2.8	28	117.5	24.5	215.94	163.33	1.35	30.69	Stainless
ESS 2.8×28×120×25.5	2.8	28	120	25.5	222.03	163.33	1.3	30.69	Stainless
ESS 2.8×28×122.5×26.5	2.8	28	122.5	26.5	228.1	163.33	1.26	30.69	Stainless
ESS 2.8×28×125×27.5	2.8	28	125	27.5	234.18	163.33	1.21	30.69	Stainless
ESM 2.9×28×77.5×10.5	2.9	28	77.5	10.5	116.7	209	4.43	35.49	Carbon
ESM 2.9×28×80×10.5	2.9	28	80	10.5	122.57	209	4.08	35.49	Carbon
ESM 2.9×28×82.5×11.5	2.9	28	82.5	11.5	128.45	209	3.78	35.49	Carbon
ESM 2.9×28×85×12.5	2.9	28	85	12.5	134.32	209	3.52	35.49	Carbon
ESM 2.9×28×87.5×13.5	2.9	28	87.5	13.5	140.2	209	3.29	35.49	Carbon
ESM 2.9×28×90×14.5	2.9	28	90	14.5	146.07	209	3.09	35.49	Carbon
ESM 2.9×28×92.5×15.5	2.9	28	92.5	15.5	151.95	209	2.92	35.49	Carbon
ESM 2.9×28×95×16.5	2.9	28	95	16.5	157.82	209	2.76	35.49	Carbon
ESM 2.9×28×97.5×16.5	2.9	28	97.5	16.5	163.7	209	2.62	35.49	Carbon
ESM 2.9×28×100×17.5	2.9	28	100	17.5	169.57	209	2.49	35.49	Carbon
ESM 2.9×28×102.5×18.5	2.9	28	102.5	18.5	175.45	209	2.38	35.49	Carbon
ESM 2.9×28×105×19.5	2.9	28	105	19.5	181.32	209	2.27	35.49	Carbon
ESM 2.9×28×107.5×20.5	2.9	28	107.5	20.5	187.2	209	2.18	35.49	Carbon
ESM 2.9×28×110×21.5	2.9	28	110	21.5	193.07	209	2.09	35.49	Carbon
ESM 2.9×28×112.5×22.5	2.9	28	112.5	22.5	198.95	209	2.01	35.49	Carbon
ESM 2.9×28×115×22.5	2.9	28	115	22.5	204.82	209	1.93	35.49	Carbon
ESM 2.9×28×117.5×23.5	2.9	28	117.5	23.5	210.69	209	1.86	35.49	Carbon
ESM 2.9×28×120×24.5	2.9	28	120	24.5	216.57	209	1.8	35.49	Carbon
ESM 2.9×28×122.5×25.5	2.9	28	122.5	25.5	222.44	209	1.74	35.49	Carbon
ESM 2.9×28×125×26.5	2.9	28	125	26.5	228.32	209	1.68	35.49	Carbon
ESS 2.9×28×77.5×10.5	2.9	28	77.5	10.5	115.2	180.61	3.85	35.49	Stainless
ESS 2.9×28×80×10.5	2.9	28	80	10.5	120.95	180.61	3.54	35.49	Stainless
ESS 2.9×28×82.5×11.5	2.9	28	82.5	11.5	126.7	180.61	3.28	35.49	Stainless
ESS 2.9×28×85×12.5	2.9	28	85	12.5	132.44	180.61	3.06	35.49	Stainless
ESS 2.9×28×87.5×13.5	2.9	28	87.5	13.5	138.19	180.61	2.86	35.49	Stainless
ESS 2.9×28×90×14.5	2.9	28	90	14.5	143.93	180.61	2.69	35.49	Stainless
ESS 2.9×28×92.5×15.5	2.9	28	92.5	15.5	149.68	180.61	2.54	35.49	Stainless
ESS 2.9×28×95×16.5	2.9	28	95	16.5	155.42	180.61	2.4	35.49	Stainless
ESS 2.9×28×97.5×16.5	2.9	28	97.5	16.5	161.17	180.61	2.28	35.49	Stainless
ESS 2.9×28×100×17.5	2.9	28	100	17.5	166.92	180.61	2.17	35.49	Stainless
ESS 2.9×28×102.5×18.5	2.9	28	102.5	18.5	172.66	180.61	2.07	35.49	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.9×28×105×19.5	2.9	28	105	19.5	178.41	180.61	1.98	35.49	Stainless
ESS 2.9×28×107.5×20.5	2.9	28	107.5	20.5	184.16	180.61	1.89	35.49	Stainless
ESS 2.9×28×110×21.5	2.9	28	110	21.5	189.9	180.61	1.82	35.49	Stainless
ESS 2.9×28×112.5×22.5	2.9	28	112.5	22.5	195.65	180.61	1.75	35.49	Stainless
ESS 2.9×28×115×22.5	2.9	28	115	22.5	201.39	180.61	1.68	35.49	Stainless
ESS 2.9×28×117.5×23.5	2.9	28	117.5	23.5	207.14	180.61	1.62	35.49	Stainless
ESS 2.9×28×120×24.5	2.9	28	120	24.5	212.88	180.61	1.56	35.49	Stainless
ESS 2.9×28×122.5×25.5	2.9	28	122.5	25.5	218.63	180.61	1.51	35.49	Stainless
ESS 2.9×28×125×26.5	2.9	28	125	26.5	224.37	180.61	1.46	35.49	Stainless
ESM 3×28×80×10.5	3	28	80	10.5	119.15	230.55	4.85	40.81	Carbon
ESM 3×28×82.5×11.5	3	28	82.5	11.5	124.73	230.55	4.49	40.81	Carbon
ESM 3×28×85×12.5	3	28	85	12.5	130.31	230.55	4.19	40.81	Carbon
ESM 3×28×87.5×13.5	3	28	87.5	13.5	135.89	230.55	3.92	40.81	Carbon
ESM 3×28×90×13.5	3	28	90	13.5	141.46	230.55	3.69	40.81	Carbon
ESM 3×28×92.5×14.5	3	28	92.5	14.5	147.04	230.55	3.48	40.81	Carbon
ESM 3×28×95×15.5	3	28	95	15.5	152.62	230.55	3.29	40.81	Carbon
ESM 3×28×97.5×16.5	3	28	97.5	16.5	158.2	230.55	3.13	40.81	Carbon
ESM 3×28×100×17.5	3	28	100	17.5	163.77	230.55	2.98	40.81	Carbon
ESM 3×28×102.5×18.5	3	28	102.5	18.5	169.35	230.55	2.84	40.81	Carbon
ESM 3×28×105×18.5	3	28	105	18.5	174.93	230.55	2.71	40.81	Carbon
ESM 3×28×107.5×19.5	3	28	107.5	19.5	180.51	230.55	2.6	40.81	Carbon
ESM 3×28×110×20.5	3	28	110	20.5	186.09	230.55	2.49	40.81	Carbon
ESM 3×28×112.5×21.5	3	28	112.5	21.5	191.67	230.55	2.4	40.81	Carbon
ESM 3×28×115×22.5	3	28	115	22.5	197.24	230.55	2.31	40.81	Carbon
ESM 3×28×117.5×23.5	3	28	117.5	23.5	202.82	230.55	2.22	40.81	Carbon
ESM 3×28×120×23.5	3	28	120	23.5	208.4	230.55	2.15	40.81	Carbon
ESM 3×28×122.5×24.5	3	28	122.5	24.5	213.98	230.55	2.07	40.81	Carbon
ESM 3×28×125×25.5	3	28	125	25.5	219.55	230.55	2.01	40.81	Carbon
ESM 3×28×127.5×26.5	3	28	127.5	26.5	225.13	230.55	1.94	40.81	Carbon
ESS 3×28×80×10.5	3	28	80	10.5	117.54	198.99	4.21	40.81	Stainless
ESS 3×28×82.5×11.5	3	28	82.5	11.5	122.99	198.99	3.91	40.81	Stainless
ESS 3×28×85×12.5	3	28	85	12.5	128.44	198.99	3.64	40.81	Stainless
ESS 3×28×87.5×13.5	3	28	87.5	13.5	133.89	198.99	3.41	40.81	Stainless
ESS 3×28×90×13.5	3	28	90	13.5	139.34	198.99	3.21	40.81	Stainless
ESS 3×28×92.5×14.5	3	28	92.5	14.5	144.79	198.99	3.03	40.81	Stainless

M: Carbon Steel;
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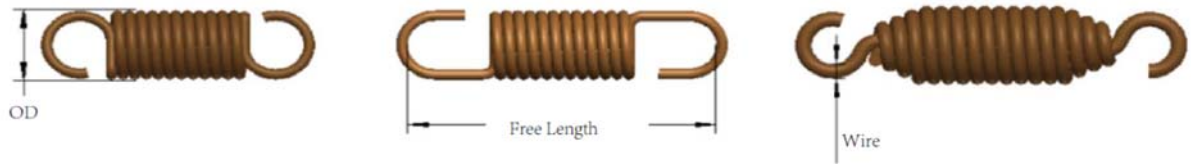
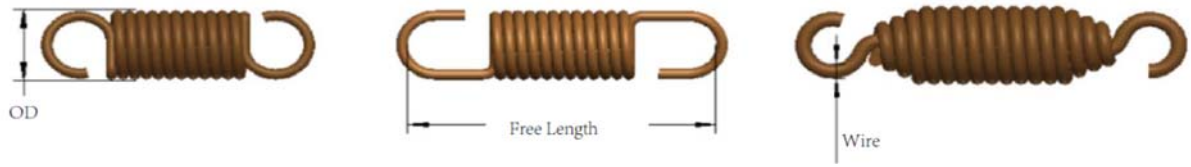
Max Length - Max Load



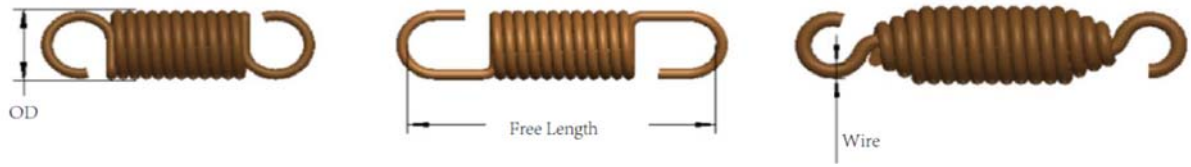
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3×28×95×15.5	3	28	95	15.5	150.24	198.99	2.86	40.81	Stainless
ESS 3×28×97.5×16.5	3	28	97.5	16.5	155.69	198.99	2.72	40.81	Stainless
ESS 3×28×100×17.5	3	28	100	17.5	161.14	198.99	2.59	40.81	Stainless
ESS 3×28×102.5×18.5	3	28	102.5	18.5	166.59	198.99	2.47	40.81	Stainless
ESS 3×28×105×18.5	3	28	105	18.5	172.04	198.99	2.36	40.81	Stainless
ESS 3×28×107.5×19.5	3	28	107.5	19.5	177.5	198.99	2.26	40.81	Stainless
ESS 3×28×110×20.5	3	28	110	20.5	182.95	198.99	2.17	40.81	Stainless
ESS 3×28×112.5×21.5	3	28	112.5	21.5	188.4	198.99	2.08	40.81	Stainless
ESS 3×28×115×22.5	3	28	115	22.5	193.85	198.99	2.01	40.81	Stainless
ESS 3×28×117.5×23.5	3	28	117.5	23.5	199.3	198.99	1.93	40.81	Stainless
ESS 3×28×120×23.5	3	28	120	23.5	204.75	198.99	1.87	40.81	Stainless
ESS 3×28×122.5×24.5	3	28	122.5	24.5	210.2	198.99	1.8	40.81	Stainless
ESS 3×28×125×25.5	3	28	125	25.5	215.65	198.99	1.75	40.81	Stainless
ESS 3×28×127.5×26.5	3	28	127.5	26.5	221.1	198.99	1.69	40.81	Stainless
ESM 2×29×77.5×12.5	2	29	77.5	12.5	169	68.78	0.68	6.51	Carbon
ESM 2×29×80×13.5	2	29	80	13.5	180.75	68.78	0.62	6.51	Carbon
ESM 2×29×82.5×14.5	2	29	82.5	14.5	192.53	68.78	0.57	6.51	Carbon
ESM 2×29×85×16.5	2	29	85	16.5	204.28	68.78	0.52	6.51	Carbon
ESM 2×29×87.5×17.5	2	29	87.5	17.5	216.03	68.78	0.48	6.51	Carbon
ESM 2×29×90×18.5	2	29	90	18.5	227.81	68.78	0.45	6.51	Carbon
ESM 2×29×92.5×19.5	2	29	92.5	19.5	239.55	68.78	0.42	6.51	Carbon
ESM 2×29×95×21.5	2	29	95	21.5	251.31	68.78	0.4	6.51	Carbon
ESM 2×29×97.5×22.5	2	29	97.5	22.5	263.08	68.78	0.38	6.51	Carbon
ESM 2×29×100×23.5	2	29	100	23.5	274.83	68.78	0.36	6.51	Carbon
ESM 2×29×102.5×24.5	2	29	102.5	24.5	286.58	68.78	0.34	6.51	Carbon
ESM 2×29×105×26.5	2	29	105	26.5	298.34	68.78	0.32	6.51	Carbon
ESM 2×29×107.5×27.5	2	29	107.5	27.5	310.15	68.78	0.31	6.51	Carbon
ESM 2×29×110×28.5	2	29	110	28.5	321.89	68.78	0.29	6.51	Carbon
ESM 2×29×112.5×29.5	2	29	112.5	29.5	333.65	68.78	0.28	6.51	Carbon
ESM 2×29×115×31.5	2	29	115	31.5	345.39	68.78	0.27	6.51	Carbon
ESM 2×29×117.5×32.5	2	29	117.5	32.5	357.2	68.78	0.26	6.51	Carbon
ESM 2×29×120×33.5	2	29	120	33.5	368.9	68.78	0.25	6.51	Carbon
ESM 2×29×122.5×34.5	2	29	122.5	34.5	380.69	68.78	0.24	6.51	Carbon
ESM 2×29×125×36.5	2	29	125	36.5	392.5	68.78	0.23	6.51	Carbon
ESS 2×29×77.5×12.5	2	29	77.5	12.5	170.76	59.4	0.57	6.51	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×29×80×13.5	2	29	80	13.5	182.69	59.4	0.52	6.51	Stainless
ESS 2×29×82.5×14.5	2	29	82.5	14.5	194.64	59.4	0.47	6.51	Stainless
ESS 2×29×85×16.5	2	29	85	16.5	206.57	59.4	0.44	6.51	Stainless
ESS 2×29×87.5×17.5	2	29	87.5	17.5	218.53	59.4	0.4	6.51	Stainless
ESS 2×29×90×18.5	2	29	90	18.5	230.45	59.4	0.38	6.51	Stainless
ESS 2×29×92.5×19.5	2	29	92.5	19.5	242.39	59.4	0.35	6.51	Stainless
ESS 2×29×95×21.5	2	29	95	21.5	254.32	59.4	0.33	6.51	Stainless
ESS 2×29×97.5×22.5	2	29	97.5	22.5	266.28	59.4	0.31	6.51	Stainless
ESS 2×29×100×23.5	2	29	100	23.5	278.22	59.4	0.3	6.51	Stainless
ESS 2×29×102.5×24.5	2	29	102.5	24.5	290.14	59.4	0.28	6.51	Stainless
ESS 2×29×105×26.5	2	29	105	26.5	302.08	59.4	0.27	6.51	Stainless
ESS 2×29×107.5×27.5	2	29	107.5	27.5	314.04	59.4	0.26	6.51	Stainless
ESS 2×29×110×28.5	2	29	110	28.5	325.99	59.4	0.24	6.51	Stainless
ESS 2×29×112.5×29.5	2	29	112.5	29.5	337.87	59.4	0.23	6.51	Stainless
ESS 2×29×115×31.5	2	29	115	31.5	349.88	59.4	0.23	6.51	Stainless
ESS 2×29×117.5×32.5	2	29	117.5	32.5	361.82	59.4	0.22	6.51	Stainless
ESS 2×29×120×33.5	2	29	120	33.5	373.69	59.4	0.21	6.51	Stainless
ESS 2×29×122.5×34.5	2	29	122.5	34.5	385.66	59.4	0.2	6.51	Stainless
ESS 2×29×125×36.5	2	29	125	36.5	397.65	59.4	0.19	6.51	Stainless
ESM 2.1×29×77.5×11.5	2.1	29	77.5	11.5	159.45	79.36	0.87	8.13	Carbon
ESM 2.1×29×80×13.5	2.1	29	80	13.5	170.15	79.36	0.79	8.13	Carbon
ESM 2.1×29×82.5×14.5	2.1	29	82.5	14.5	180.86	79.36	0.72	8.13	Carbon
ESM 2.1×29×85×15.5	2.1	29	85	15.5	191.57	79.36	0.67	8.13	Carbon
ESM 2.1×29×87.5×16.5	2.1	29	87.5	16.5	202.28	79.36	0.62	8.13	Carbon
ESM 2.1×29×90×17.5	2.1	29	90	17.5	212.98	79.36	0.58	8.13	Carbon
ESM 2.1×29×92.5×19.5	2.1	29	92.5	19.5	223.71	79.36	0.54	8.13	Carbon
ESM 2.1×29×95×20.5	2.1	29	95	20.5	234.4	79.36	0.51	8.13	Carbon
ESM 2.1×29×97.5×21.5	2.1	29	97.5	21.5	245.1	79.36	0.48	8.13	Carbon
ESM 2.1×29×100×22.5	2.1	29	100	22.5	255.83	79.36	0.46	8.13	Carbon
ESM 2.1×29×102.5×23.5	2.1	29	102.5	23.5	266.51	79.36	0.43	8.13	Carbon
ESM 2.1×29×105×24.5	2.1	29	105	24.5	277.22	79.36	0.41	8.13	Carbon
ESM 2.1×29×107.5×26.5	2.1	29	107.5	26.5	287.92	79.36	0.39	8.13	Carbon
ESM 2.1×29×110×27.5	2.1	29	110	27.5	298.64	79.36	0.38	8.13	Carbon
ESM 2.1×29×112.5×28.5	2.1	29	112.5	28.5	309.38	79.36	0.36	8.13	Carbon
ESM 2.1×29×115×29.5	2.1	29	115	29.5	320.04	79.36	0.35	8.13	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×29×117.5×30.5	2.1	29	117.5	30.5	330.77	79.36	0.33	8.13	Carbon
ESM 2.1×29×120×32.5	2.1	29	120	32.5	341.49	79.36	0.32	8.13	Carbon
ESM 2.1×29×122.5×33.5	2.1	29	122.5	33.5	352.2	79.36	0.31	8.13	Carbon
ESM 2.1×29×125×34.5	2.1	29	125	34.5	362.91	79.36	0.3	8.13	Carbon
ESS 2.1×29×77.5×11.5	2.1	29	77.5	11.5	160.79	68.46	0.72	8.13	Stainless
ESS 2.1×29×80×13.5	2.1	29	80	13.5	171.64	68.46	0.66	8.13	Stainless
ESS 2.1×29×82.5×14.5	2.1	29	82.5	14.5	182.47	68.46	0.6	8.13	Stainless
ESS 2.1×29×85×15.5	2.1	29	85	15.5	193.32	68.46	0.56	8.13	Stainless
ESS 2.1×29×87.5×16.5	2.1	29	87.5	16.5	204.15	68.46	0.52	8.13	Stainless
ESS 2.1×29×90×17.5	2.1	29	90	17.5	214.99	68.46	0.48	8.13	Stainless
ESS 2.1×29×92.5×19.5	2.1	29	92.5	19.5	225.83	68.46	0.45	8.13	Stainless
ESS 2.1×29×95×20.5	2.1	29	95	20.5	236.69	68.46	0.43	8.13	Stainless
ESS 2.1×29×97.5×21.5	2.1	29	97.5	21.5	247.55	68.46	0.4	8.13	Stainless
ESS 2.1×29×100×22.5	2.1	29	100	22.5	258.35	68.46	0.38	8.13	Stainless
ESS 2.1×29×102.5×23.5	2.1	29	102.5	23.5	269.21	68.46	0.36	8.13	Stainless
ESS 2.1×29×105×24.5	2.1	29	105	24.5	280.08	68.46	0.34	8.13	Stainless
ESS 2.1×29×107.5×26.5	2.1	29	107.5	26.5	290.88	68.46	0.33	8.13	Stainless
ESS 2.1×29×110×27.5	2.1	29	110	27.5	301.72	68.46	0.31	8.13	Stainless
ESS 2.1×29×112.5×28.5	2.1	29	112.5	28.5	312.61	68.46	0.3	8.13	Stainless
ESS 2.1×29×115×29.5	2.1	29	115	29.5	323.4	68.46	0.29	8.13	Stainless
ESS 2.1×29×117.5×30.5	2.1	29	117.5	30.5	334.29	68.46	0.28	8.13	Stainless
ESS 2.1×29×120×32.5	2.1	29	120	32.5	345.12	68.46	0.27	8.13	Stainless
ESS 2.1×29×122.5×33.5	2.1	29	122.5	33.5	355.99	68.46	0.26	8.13	Stainless
ESS 2.1×29×125×34.5	2.1	29	125	34.5	366.82	68.46	0.25	8.13	Stainless
ESM 2.2×29×77.5×11.5	2.2	29	77.5	11.5	150.92	90.62	1.1	10.02	Carbon
ESM 2.2×29×80×12.5	2.2	29	80	12.5	160.7	90.62	1	10.02	Carbon
ESM 2.2×29×82.5×13.5	2.2	29	82.5	13.5	170.48	90.62	0.92	10.02	Carbon
ESM 2.2×29×85×14.5	2.2	29	85	14.5	180.26	90.62	0.85	10.02	Carbon
ESM 2.2×29×87.5×16.5	2.2	29	87.5	16.5	190.03	90.62	0.79	10.02	Carbon
ESM 2.2×29×90×17.5	2.2	29	90	17.5	199.81	90.62	0.73	10.02	Carbon
ESM 2.2×29×92.5×18.5	2.2	29	92.5	18.5	209.58	90.62	0.69	10.02	Carbon
ESM 2.2×29×95×19.5	2.2	29	95	19.5	219.36	90.62	0.65	10.02	Carbon
ESM 2.2×29×97.5×20.5	2.2	29	97.5	20.5	229.15	90.62	0.61	10.02	Carbon
ESM 2.2×29×100×21.5	2.2	29	100	21.5	238.91	90.62	0.58	10.02	Carbon
ESM 2.2×29×102.5×22.5	2.2	29	102.5	22.5	248.7	90.62	0.55	10.02	Carbon

M: Carbon Steel;
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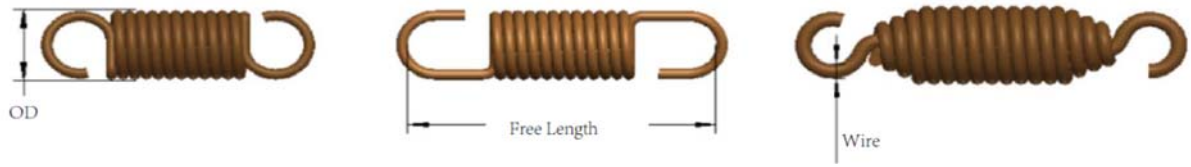
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×29×105×23.5	2.2	29	105	23.5	258.49	90.62	0.53	10.02	Carbon
ESM 2.2×29×107.5×25.5	2.2	29	107.5	25.5	268.25	90.62	0.5	10.02	Carbon
ESM 2.2×29×110×26.5	2.2	29	110	26.5	278.02	90.62	0.48	10.02	Carbon
ESM 2.2×29×112.5×27.5	2.2	29	112.5	27.5	287.83	90.62	0.46	10.02	Carbon
ESM 2.2×29×115×28.5	2.2	29	115	28.5	297.6	90.62	0.44	10.02	Carbon
ESM 2.2×29×117.5×29.5	2.2	29	117.5	29.5	307.37	90.62	0.42	10.02	Carbon
ESM 2.2×29×120×30.5	2.2	29	120	30.5	317.16	90.62	0.41	10.02	Carbon
ESM 2.2×29×122.5×31.5	2.2	29	122.5	31.5	326.91	90.62	0.39	10.02	Carbon
ESM 2.2×29×125×33.5	2.2	29	125	33.5	336.71	90.62	0.38	10.02	Carbon
ESS 2.2×29×77.5×11.5	2.2	29	77.5	11.5	152.21	78.37	0.91	10.02	Stainless
ESS 2.2×29×80×12.5	2.2	29	80	12.5	162.11	78.37	0.83	10.02	Stainless
ESS 2.2×29×82.5×13.5	2.2	29	82.5	13.5	172.03	78.37	0.76	10.02	Stainless
ESS 2.2×29×85×14.5	2.2	29	85	14.5	181.93	78.37	0.71	10.02	Stainless
ESS 2.2×29×87.5×16.5	2.2	29	87.5	16.5	191.83	78.37	0.66	10.02	Stainless
ESS 2.2×29×90×17.5	2.2	29	90	17.5	201.75	78.37	0.61	10.02	Stainless
ESS 2.2×29×92.5×18.5	2.2	29	92.5	18.5	211.65	78.37	0.57	10.02	Stainless
ESS 2.2×29×95×19.5	2.2	29	95	19.5	221.54	78.37	0.54	10.02	Stainless
ESS 2.2×29×97.5×20.5	2.2	29	97.5	20.5	231.45	78.37	0.51	10.02	Stainless
ESS 2.2×29×100×21.5	2.2	29	100	21.5	241.35	78.37	0.48	10.02	Stainless
ESS 2.2×29×102.5×22.5	2.2	29	102.5	22.5	251.27	78.37	0.46	10.02	Stainless
ESS 2.2×29×105×23.5	2.2	29	105	23.5	261.18	78.37	0.44	10.02	Stainless
ESS 2.2×29×107.5×25.5	2.2	29	107.5	25.5	271.08	78.37	0.42	10.02	Stainless
ESS 2.2×29×110×26.5	2.2	29	110	26.5	280.99	78.37	0.4	10.02	Stainless
ESS 2.2×29×112.5×27.5	2.2	29	112.5	27.5	290.9	78.37	0.38	10.02	Stainless
ESS 2.2×29×115×28.5	2.2	29	115	28.5	300.82	78.37	0.37	10.02	Stainless
ESS 2.2×29×117.5×29.5	2.2	29	117.5	29.5	310.72	78.37	0.35	10.02	Stainless
ESS 2.2×29×120×30.5	2.2	29	120	30.5	320.6	78.37	0.34	10.02	Stainless
ESS 2.2×29×122.5×31.5	2.2	29	122.5	31.5	330.48	78.37	0.33	10.02	Stainless
ESS 2.2×29×125×33.5	2.2	29	125	33.5	340.39	78.37	0.32	10.02	Stainless
ESM 2.3×29×77.5×11.5	2.3	29	77.5	11.5	143.8	103.2	1.37	12.21	Carbon
ESM 2.3×29×80×12.5	2.3	29	80	12.5	152.81	103.2	1.25	12.21	Carbon
ESM 2.3×29×82.5×13.5	2.3	29	82.5	13.5	161.81	103.2	1.15	12.21	Carbon
ESM 2.3×29×85×14.5	2.3	29	85	14.5	170.82	103.2	1.06	12.21	Carbon
ESM 2.3×29×87.5×15.5	2.3	29	87.5	15.5	179.83	103.2	0.99	12.21	Carbon
ESM 2.3×29×90×16.5	2.3	29	90	16.5	188.84	103.2	0.92	12.21	Carbon

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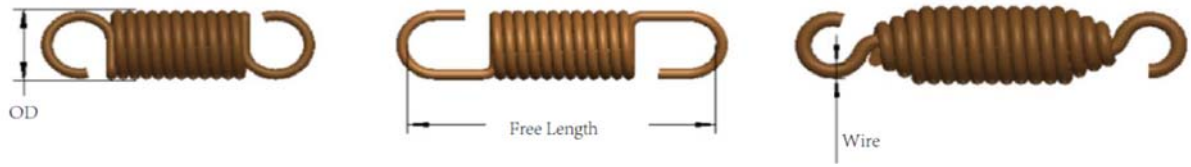
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×29×92.5×17.5	2.3	29	92.5	17.5	197.84	103.2	0.86	12.21	Carbon
ESM 2.3×29×95×18.5	2.3	29	95	18.5	206.85	103.2	0.81	12.21	Carbon
ESM 2.3×29×97.5×19.5	2.3	29	97.5	19.5	215.85	103.2	0.77	12.21	Carbon
ESM 2.3×29×100×20.5	2.3	29	100	20.5	224.85	103.2	0.73	12.21	Carbon
ESM 2.3×29×102.5×21.5	2.3	29	102.5	21.5	233.85	103.2	0.69	12.21	Carbon
ESM 2.3×29×105×23.5	2.3	29	105	23.5	242.86	103.2	0.66	12.21	Carbon
ESM 2.3×29×107.5×24.5	2.3	29	107.5	24.5	251.88	103.2	0.63	12.21	Carbon
ESM 2.3×29×110×25.5	2.3	29	110	25.5	260.87	103.2	0.6	12.21	Carbon
ESM 2.3×29×112.5×26.5	2.3	29	112.5	26.5	269.89	103.2	0.58	12.21	Carbon
ESM 2.3×29×115×27.5	2.3	29	115	27.5	278.88	103.2	0.56	12.21	Carbon
ESM 2.3×29×117.5×28.5	2.3	29	117.5	28.5	287.89	103.2	0.53	12.21	Carbon
ESM 2.3×29×120×29.5	2.3	29	120	29.5	296.88	103.2	0.51	12.21	Carbon
ESM 2.3×29×122.5×30.5	2.3	29	122.5	30.5	305.91	103.2	0.5	12.21	Carbon
ESM 2.3×29×125×31.5	2.3	29	125	31.5	314.92	103.2	0.48	12.21	Carbon
ESS 2.3×29×77.5×11.5	2.3	29	77.5	11.5	144.77	89.14	1.14	12.21	Stainless
ESS 2.3×29×80×12.5	2.3	29	80	12.5	153.88	89.14	1.04	12.21	Stainless
ESS 2.3×29×82.5×13.5	2.3	29	82.5	13.5	162.97	89.14	0.96	12.21	Stainless
ESS 2.3×29×85×14.5	2.3	29	85	14.5	172.08	89.14	0.88	12.21	Stainless
ESS 2.3×29×87.5×15.5	2.3	29	87.5	15.5	181.17	89.14	0.82	12.21	Stainless
ESS 2.3×29×90×16.5	2.3	29	90	16.5	190.28	89.14	0.77	12.21	Stainless
ESS 2.3×29×92.5×17.5	2.3	29	92.5	17.5	199.38	89.14	0.72	12.21	Stainless
ESS 2.3×29×95×18.5	2.3	29	95	18.5	208.47	89.14	0.68	12.21	Stainless
ESS 2.3×29×97.5×19.5	2.3	29	97.5	19.5	217.58	89.14	0.64	12.21	Stainless
ESS 2.3×29×100×20.5	2.3	29	100	20.5	226.68	89.14	0.61	12.21	Stainless
ESS 2.3×29×102.5×21.5	2.3	29	102.5	21.5	235.79	89.14	0.58	12.21	Stainless
ESS 2.3×29×105×23.5	2.3	29	105	23.5	244.88	89.14	0.55	12.21	Stainless
ESS 2.3×29×107.5×24.5	2.3	29	107.5	24.5	253.98	89.14	0.53	12.21	Stainless
ESS 2.3×29×110×25.5	2.3	29	110	25.5	263.07	89.14	0.5	12.21	Stainless
ESS 2.3×29×112.5×26.5	2.3	29	112.5	26.5	272.18	89.14	0.48	12.21	Stainless
ESS 2.3×29×115×27.5	2.3	29	115	27.5	281.27	89.14	0.46	12.21	Stainless
ESS 2.3×29×117.5×28.5	2.3	29	117.5	28.5	290.38	89.14	0.45	12.21	Stainless
ESS 2.3×29×120×29.5	2.3	29	120	29.5	299.5	89.14	0.43	12.21	Stainless
ESS 2.3×29×122.5×30.5	2.3	29	122.5	30.5	308.6	89.14	0.41	12.21	Stainless
ESS 2.3×29×125×31.5	2.3	29	125	31.5	317.67	89.14	0.4	12.21	Stainless
ESM 2.4×29×77.5×10.5	2.4	29	77.5	10.5	137.59	116.85	1.7	14.71	Carbon

M: Carbon Steel;
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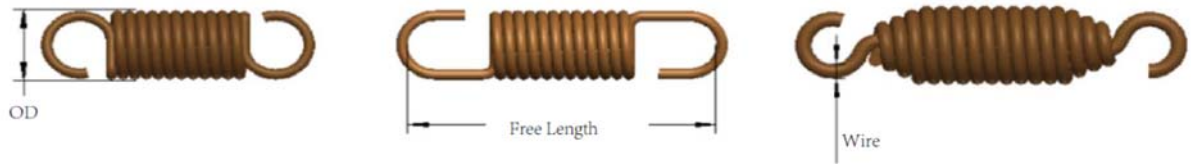
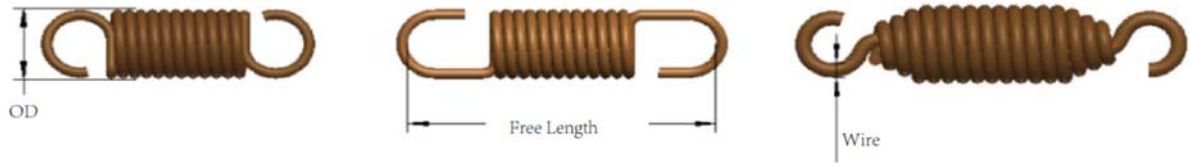
Max Length - Max Load



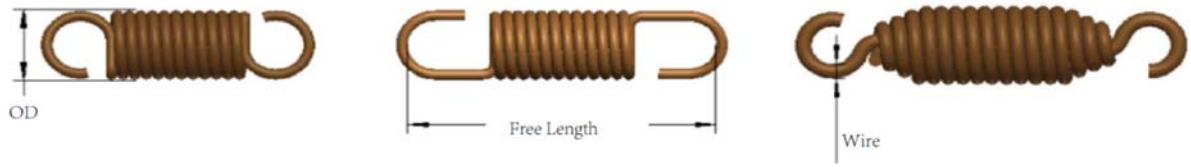
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×29×80×11.5	2.4	29	80	11.5	145.93	116.85	1.55	14.71	Carbon
ESM 2.4×29×82.5×12.5	2.4	29	82.5	12.5	154.26	116.85	1.42	14.71	Carbon
ESM 2.4×29×85×13.5	2.4	29	85	13.5	162.6	116.85	1.32	14.71	Carbon
ESM 2.4×29×87.5×14.5	2.4	29	87.5	14.5	170.94	116.85	1.22	14.71	Carbon
ESM 2.4×29×90×15.5	2.4	29	90	15.5	179.28	116.85	1.14	14.71	Carbon
ESM 2.4×29×92.5×16.5	2.4	29	92.5	16.5	187.62	116.85	1.07	14.71	Carbon
ESM 2.4×29×95×18.5	2.4	29	95	18.5	195.95	116.85	1.01	14.71	Carbon
ESM 2.4×29×97.5×19.5	2.4	29	97.5	19.5	204.29	116.85	0.96	14.71	Carbon
ESM 2.4×29×100×20.5	2.4	29	100	20.5	212.62	116.85	0.91	14.71	Carbon
ESM 2.4×29×102.5×21.5	2.4	29	102.5	21.5	220.96	116.85	0.86	14.71	Carbon
ESM 2.4×29×105×22.5	2.4	29	105	22.5	229.3	116.85	0.82	14.71	Carbon
ESM 2.4×29×107.5×23.5	2.4	29	107.5	23.5	237.62	116.85	0.78	14.71	Carbon
ESM 2.4×29×110×24.5	2.4	29	110	24.5	245.96	116.85	0.75	14.71	Carbon
ESM 2.4×29×112.5×25.5	2.4	29	112.5	25.5	254.31	116.85	0.72	14.71	Carbon
ESM 2.4×29×115×26.5	2.4	29	115	26.5	262.64	116.85	0.69	14.71	Carbon
ESM 2.4×29×117.5×27.5	2.4	29	117.5	27.5	270.97	116.85	0.67	14.71	Carbon
ESM 2.4×29×120×28.5	2.4	29	120	28.5	279.31	116.85	0.64	14.71	Carbon
ESM 2.4×29×122.5×29.5	2.4	29	122.5	29.5	287.66	116.85	0.62	14.71	Carbon
ESM 2.4×29×125×30.5	2.4	29	125	30.5	295.99	116.85	0.6	14.71	Carbon
ESS 2.4×29×77.5×10.5	2.4	29	77.5	10.5	138.3	100.82	1.42	14.71	Stainless
ESS 2.4×29×80×11.5	2.4	29	80	11.5	146.7	100.82	1.29	14.71	Stainless
ESS 2.4×29×82.5×12.5	2.4	29	82.5	12.5	155.1	100.82	1.19	14.71	Stainless
ESS 2.4×29×85×13.5	2.4	29	85	13.5	163.51	100.82	1.1	14.71	Stainless
ESS 2.4×29×87.5×14.5	2.4	29	87.5	14.5	171.92	100.82	1.02	14.71	Stainless
ESS 2.4×29×90×15.5	2.4	29	90	15.5	180.31	100.82	0.95	14.71	Stainless
ESS 2.4×29×92.5×16.5	2.4	29	92.5	16.5	188.72	100.82	0.89	14.71	Stainless
ESS 2.4×29×95×18.5	2.4	29	95	18.5	197.13	100.82	0.84	14.71	Stainless
ESS 2.4×29×97.5×19.5	2.4	29	97.5	19.5	205.54	100.82	0.8	14.71	Stainless
ESS 2.4×29×100×20.5	2.4	29	100	20.5	213.94	100.82	0.76	14.71	Stainless
ESS 2.4×29×102.5×21.5	2.4	29	102.5	21.5	222.34	100.82	0.72	14.71	Stainless
ESS 2.4×29×105×22.5	2.4	29	105	22.5	230.74	100.82	0.68	14.71	Stainless
ESS 2.4×29×107.5×23.5	2.4	29	107.5	23.5	239.16	100.82	0.65	14.71	Stainless
ESS 2.4×29×110×24.5	2.4	29	110	24.5	247.55	100.82	0.63	14.71	Stainless
ESS 2.4×29×112.5×25.5	2.4	29	112.5	25.5	255.96	100.82	0.6	14.71	Stainless
ESS 2.4×29×115×26.5	2.4	29	115	26.5	264.36	100.82	0.58	14.71	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×29×117.5×27.5	2.4	29	117.5	27.5	272.76	100.82	0.55	14.71	Stainless
ESS 2.4×29×120×28.5	2.4	29	120	28.5	281.19	100.82	0.53	14.71	Stainless
ESS 2.4×29×122.5×29.5	2.4	29	122.5	29.5	289.57	100.82	0.52	14.71	Stainless
ESS 2.4×29×125×30.5	2.4	29	125	30.5	297.97	100.82	0.5	14.71	Stainless
ESM 2.5×29×80×11.5	2.5	29	80	11.5	139.9	131.61	1.9	17.56	Carbon
ESM 2.5×29×82.5×12.5	2.5	29	82.5	12.5	147.66	131.61	1.75	17.56	Carbon
ESM 2.5×29×85×13.5	2.5	29	85	13.5	155.41	131.61	1.62	17.56	Carbon
ESM 2.5×29×87.5×14.5	2.5	29	87.5	14.5	163.17	131.61	1.51	17.56	Carbon
ESM 2.5×29×90×15.5	2.5	29	90	15.5	170.92	131.61	1.41	17.56	Carbon
ESM 2.5×29×92.5×16.5	2.5	29	92.5	16.5	178.67	131.61	1.32	17.56	Carbon
ESM 2.5×29×95×17.5	2.5	29	95	17.5	186.43	131.61	1.25	17.56	Carbon
ESM 2.5×29×97.5×18.5	2.5	29	97.5	18.5	194.19	131.61	1.18	17.56	Carbon
ESM 2.5×29×100×19.5	2.5	29	100	19.5	201.94	131.61	1.12	17.56	Carbon
ESM 2.5×29×102.5×20.5	2.5	29	102.5	20.5	209.69	131.61	1.06	17.56	Carbon
ESM 2.5×29×105×21.5	2.5	29	105	21.5	217.44	131.61	1.01	17.56	Carbon
ESM 2.5×29×107.5×22.5	2.5	29	107.5	22.5	225.2	131.61	0.97	17.56	Carbon
ESM 2.5×29×110×23.5	2.5	29	110	23.5	232.95	131.61	0.93	17.56	Carbon
ESM 2.5×29×112.5×24.5	2.5	29	112.5	24.5	240.7	131.61	0.89	17.56	Carbon
ESM 2.5×29×115×25.5	2.5	29	115	25.5	248.47	131.61	0.85	17.56	Carbon
ESM 2.5×29×117.5×26.5	2.5	29	117.5	26.5	256.21	131.61	0.82	17.56	Carbon
ESM 2.5×29×120×27.5	2.5	29	120	27.5	263.97	131.61	0.79	17.56	Carbon
ESM 2.5×29×122.5×28.5	2.5	29	122.5	28.5	271.72	131.61	0.76	17.56	Carbon
ESM 2.5×29×125×29.5	2.5	29	125	29.5	279.48	131.61	0.74	17.56	Carbon
ESM 2.5×29×127.5×30.5	2.5	29	127.5	30.5	287.24	131.61	0.71	17.56	Carbon
ESS 2.5×29×80×11.5	2.5	29	80	11.5	140.42	113.42	1.59	17.56	Stainless
ESS 2.5×29×82.5×12.5	2.5	29	82.5	12.5	148.22	113.42	1.46	17.56	Stainless
ESS 2.5×29×85×13.5	2.5	29	85	13.5	156.02	113.42	1.35	17.56	Stainless
ESS 2.5×29×87.5×14.5	2.5	29	87.5	14.5	163.82	113.42	1.26	17.56	Stainless
ESS 2.5×29×90×15.5	2.5	29	90	15.5	171.62	113.42	1.17	17.56	Stainless
ESS 2.5×29×92.5×16.5	2.5	29	92.5	16.5	179.42	113.42	1.1	17.56	Stainless
ESS 2.5×29×95×17.5	2.5	29	95	17.5	187.22	113.42	1.04	17.56	Stainless
ESS 2.5×29×97.5×18.5	2.5	29	97.5	18.5	195.02	113.42	0.98	17.56	Stainless
ESS 2.5×29×100×19.5	2.5	29	100	19.5	202.82	113.42	0.93	17.56	Stainless
ESS 2.5×29×102.5×20.5	2.5	29	102.5	20.5	210.61	113.42	0.89	17.56	Stainless
ESS 2.5×29×105×21.5	2.5	29	105	21.5	218.42	113.42	0.85	17.56	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×29×107.5×22.5	2.5	29	107.5	22.5	226.22	113.42	0.81	17.56	Stainless
ESS 2.5×29×110×23.5	2.5	29	110	23.5	234.02	113.42	0.77	17.56	Stainless
ESS 2.5×29×112.5×24.5	2.5	29	112.5	24.5	241.82	113.42	0.74	17.56	Stainless
ESS 2.5×29×115×25.5	2.5	29	115	25.5	249.62	113.42	0.71	17.56	Stainless
ESS 2.5×29×117.5×26.5	2.5	29	117.5	26.5	257.43	113.42	0.69	17.56	Stainless
ESS 2.5×29×120×27.5	2.5	29	120	27.5	265.23	113.42	0.66	17.56	Stainless
ESS 2.5×29×122.5×28.5	2.5	29	122.5	28.5	273.02	113.42	0.64	17.56	Stainless
ESS 2.5×29×125×29.5	2.5	29	125	29.5	280.83	113.42	0.62	17.56	Stainless
ESS 2.5×29×127.5×30.5	2.5	29	127.5	30.5	288.62	113.42	0.6	17.56	Stainless
ESM 2.6×29×80×11.5	2.6	29	80	11.5	136.72	146.98	2.23	20.78	Carbon
ESM 2.6×29×82.5×12.5	2.6	29	82.5	12.5	144.15	146.98	2.05	20.78	Carbon
ESM 2.6×29×85×12.5	2.6	29	85	12.5	151.58	146.98	1.9	20.78	Carbon
ESM 2.6×29×87.5×13.5	2.6	29	87.5	13.5	159.01	146.98	1.76	20.78	Carbon
ESM 2.6×29×90×14.5	2.6	29	90	14.5	166.45	146.98	1.65	20.78	Carbon
ESM 2.6×29×92.5×15.5	2.6	29	92.5	15.5	173.88	146.98	1.55	20.78	Carbon
ESM 2.6×29×95×16.5	2.6	29	95	16.5	181.31	146.98	1.46	20.78	Carbon
ESM 2.6×29×97.5×17.5	2.6	29	97.5	17.5	188.74	146.98	1.38	20.78	Carbon
ESM 2.6×29×100×18.5	2.6	29	100	18.5	196.16	146.98	1.31	20.78	Carbon
ESM 2.6×29×102.5×19.5	2.6	29	102.5	19.5	203.59	146.98	1.25	20.78	Carbon
ESM 2.6×29×105×20.5	2.6	29	105	20.5	211.03	146.98	1.19	20.78	Carbon
ESM 2.6×29×107.5×21.5	2.6	29	107.5	21.5	218.46	146.98	1.14	20.78	Carbon
ESM 2.6×29×110×22.5	2.6	29	110	22.5	225.89	146.98	1.09	20.78	Carbon
ESM 2.6×29×112.5×23.5	2.6	29	112.5	23.5	233.32	146.98	1.04	20.78	Carbon
ESM 2.6×29×115×24.5	2.6	29	115	24.5	240.75	146.98	1	20.78	Carbon
ESM 2.6×29×117.5×25.5	2.6	29	117.5	25.5	248.19	146.98	0.97	20.78	Carbon
ESM 2.6×29×120×26.5	2.6	29	120	26.5	255.62	146.98	0.93	20.78	Carbon
ESM 2.6×29×122.5×27.5	2.6	29	122.5	27.5	263.04	146.98	0.9	20.78	Carbon
ESM 2.6×29×125×28.5	2.6	29	125	28.5	270.48	146.98	0.87	20.78	Carbon
ESM 2.6×29×127.5×29.5	2.6	29	127.5	29.5	277.91	146.98	0.84	20.78	Carbon
ESS 2.6×29×80×11.5	2.6	29	80	11.5	134.9	126.99	1.93	20.78	Stainless
ESS 2.6×29×82.5×12.5	2.6	29	82.5	12.5	142.17	126.99	1.78	20.78	Stainless
ESS 2.6×29×85×12.5	2.6	29	85	12.5	149.44	126.99	1.65	20.78	Stainless
ESS 2.6×29×87.5×13.5	2.6	29	87.5	13.5	156.71	126.99	1.53	20.78	Stainless
ESS 2.6×29×90×14.5	2.6	29	90	14.5	163.98	126.99	1.44	20.78	Stainless
ESS 2.6×29×92.5×15.5	2.6	29	92.5	15.5	171.26	126.99	1.35	20.78	Stainless

M: Carbon Steel;
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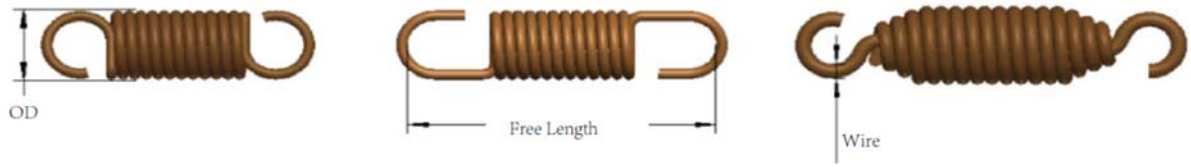
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×29×95×16.5	2.6	29	95	16.5	178.53	126.99	1.27	20.78	Stainless
ESS 2.6×29×97.5×17.5	2.6	29	97.5	17.5	185.8	126.99	1.2	20.78	Stainless
ESS 2.6×29×100×18.5	2.6	29	100	18.5	193.07	126.99	1.14	20.78	Stainless
ESS 2.6×29×102.5×19.5	2.6	29	102.5	19.5	200.35	126.99	1.09	20.78	Stainless
ESS 2.6×29×105×20.5	2.6	29	105	20.5	207.62	126.99	1.04	20.78	Stainless
ESS 2.6×29×107.5×21.5	2.6	29	107.5	21.5	214.89	126.99	0.99	20.78	Stainless
ESS 2.6×29×110×22.5	2.6	29	110	22.5	222.16	126.99	0.95	20.78	Stainless
ESS 2.6×29×112.5×23.5	2.6	29	112.5	23.5	229.43	126.99	0.91	20.78	Stainless
ESS 2.6×29×115×24.5	2.6	29	115	24.5	236.71	126.99	0.87	20.78	Stainless
ESS 2.6×29×117.5×25.5	2.6	29	117.5	25.5	243.97	126.99	0.84	20.78	Stainless
ESS 2.6×29×120×26.5	2.6	29	120	26.5	251.26	126.99	0.81	20.78	Stainless
ESS 2.6×29×122.5×27.5	2.6	29	122.5	27.5	258.51	126.99	0.78	20.78	Stainless
ESS 2.6×29×125×28.5	2.6	29	125	28.5	265.79	126.99	0.75	20.78	Stainless
ESS 2.6×29×127.5×29.5	2.6	29	127.5	29.5	273.06	126.99	0.73	20.78	Stainless
ESM 2.7×29×80×10.5	2.7	29	80	10.5	131.84	164.02	2.69	24.39	Carbon
ESM 2.7×29×82.5×11.5	2.7	29	82.5	11.5	138.8	164.02	2.48	24.39	Carbon
ESM 2.7×29×85×12.5	2.7	29	85	12.5	145.77	164.02	2.3	24.39	Carbon
ESM 2.7×29×87.5×13.5	2.7	29	87.5	13.5	152.73	164.02	2.14	24.39	Carbon
ESM 2.7×29×90×14.5	2.7	29	90	14.5	159.7	164.02	2	24.39	Carbon
ESM 2.7×29×92.5×15.5	2.7	29	92.5	15.5	166.66	164.02	1.88	24.39	Carbon
ESM 2.7×29×95×16.5	2.7	29	95	16.5	173.63	164.02	1.78	24.39	Carbon
ESM 2.7×29×97.5×17.5	2.7	29	97.5	17.5	180.6	164.02	1.68	24.39	Carbon
ESM 2.7×29×100×18.5	2.7	29	100	18.5	187.56	164.02	1.59	24.39	Carbon
ESM 2.7×29×102.5×19.5	2.7	29	102.5	19.5	194.53	164.02	1.52	24.39	Carbon
ESM 2.7×29×105×20.5	2.7	29	105	20.5	201.49	164.02	1.45	24.39	Carbon
ESM 2.7×29×107.5×20.5	2.7	29	107.5	20.5	208.46	164.02	1.38	24.39	Carbon
ESM 2.7×29×110×21.5	2.7	29	110	21.5	215.42	164.02	1.32	24.39	Carbon
ESM 2.7×29×112.5×22.5	2.7	29	112.5	22.5	222.39	164.02	1.27	24.39	Carbon
ESM 2.7×29×115×23.5	2.7	29	115	23.5	229.36	164.02	1.22	24.39	Carbon
ESM 2.7×29×117.5×24.5	2.7	29	117.5	24.5	236.32	164.02	1.18	24.39	Carbon
ESM 2.7×29×120×25.5	2.7	29	120	25.5	243.29	164.02	1.13	24.39	Carbon
ESM 2.7×29×122.5×26.5	2.7	29	122.5	26.5	250.25	164.02	1.09	24.39	Carbon
ESM 2.7×29×125×27.5	2.7	29	125	27.5	257.22	164.02	1.06	24.39	Carbon
ESM 2.7×29×127.5×28.5	2.7	29	127.5	28.5	264.18	164.02	1.02	24.39	Carbon
ESS 2.7×29×80×10.5	2.7	29	80	10.5	130.02	141.54	2.34	24.39	Stainless

M: Carbon Steel;
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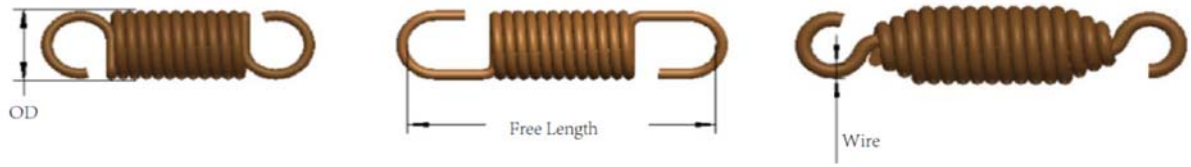
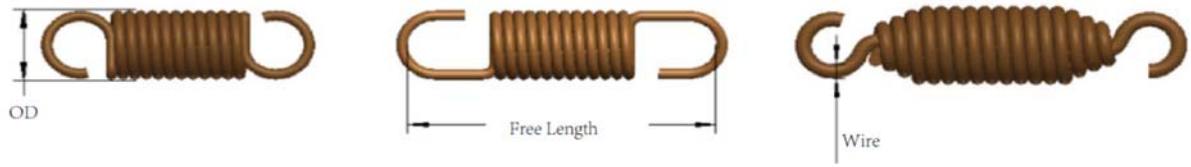
OD:Outer Diameter
Max Length - Max Load



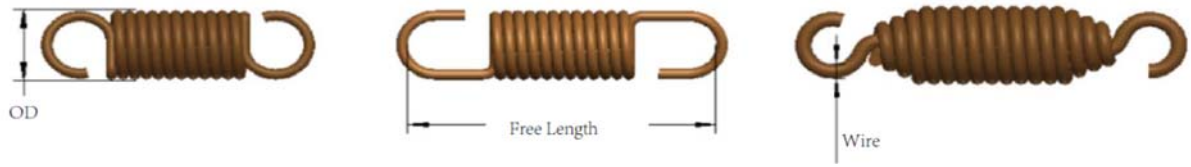
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×29×82.5×11.5	2.7	29	82.5	11.5	136.82	141.54	2.16	24.39	Stainless
ESS 2.7×29×85×12.5	2.7	29	85	12.5	143.63	141.54	2	24.39	Stainless
ESS 2.7×29×87.5×13.5	2.7	29	87.5	13.5	150.44	141.54	1.86	24.39	Stainless
ESS 2.7×29×90×14.5	2.7	29	90	14.5	157.25	141.54	1.74	24.39	Stainless
ESS 2.7×29×92.5×15.5	2.7	29	92.5	15.5	164.06	141.54	1.64	24.39	Stainless
ESS 2.7×29×95×16.5	2.7	29	95	16.5	170.87	141.54	1.54	24.39	Stainless
ESS 2.7×29×97.5×17.5	2.7	29	97.5	17.5	177.68	141.54	1.46	24.39	Stainless
ESS 2.7×29×100×18.5	2.7	29	100	18.5	184.48	141.54	1.39	24.39	Stainless
ESS 2.7×29×102.5×19.5	2.7	29	102.5	19.5	191.29	141.54	1.32	24.39	Stainless
ESS 2.7×29×105×20.5	2.7	29	105	20.5	198.11	141.54	1.26	24.39	Stainless
ESS 2.7×29×107.5×20.5	2.7	29	107.5	20.5	204.91	141.54	1.2	24.39	Stainless
ESS 2.7×29×110×21.5	2.7	29	110	21.5	211.72	141.54	1.15	24.39	Stainless
ESS 2.7×29×112.5×22.5	2.7	29	112.5	22.5	218.53	141.54	1.1	24.39	Stainless
ESS 2.7×29×115×23.5	2.7	29	115	23.5	225.34	141.54	1.06	24.39	Stainless
ESS 2.7×29×117.5×24.5	2.7	29	117.5	24.5	232.15	141.54	1.02	24.39	Stainless
ESS 2.7×29×120×25.5	2.7	29	120	25.5	238.95	141.54	0.98	24.39	Stainless
ESS 2.7×29×122.5×26.5	2.7	29	122.5	26.5	245.76	141.54	0.95	24.39	Stainless
ESS 2.7×29×125×27.5	2.7	29	125	27.5	252.57	141.54	0.92	24.39	Stainless
ESS 2.7×29×127.5×28.5	2.7	29	127.5	28.5	259.38	141.54	0.89	24.39	Stainless
ESM 2.8×29×80×10.5	2.8	29	80	10.5	127.5	182.26	3.24	28.43	Carbon
ESM 2.8×29×82.5×11.5	2.8	29	82.5	11.5	134.05	182.26	2.98	28.43	Carbon
ESM 2.8×29×85×12.5	2.8	29	85	12.5	140.61	182.26	2.77	28.43	Carbon
ESM 2.8×29×87.5×13.5	2.8	29	87.5	13.5	147.16	182.26	2.58	28.43	Carbon
ESM 2.8×29×90×14.5	2.8	29	90	14.5	153.72	182.26	2.41	28.43	Carbon
ESM 2.8×29×92.5×14.5	2.8	29	92.5	14.5	160.27	182.26	2.27	28.43	Carbon
ESM 2.8×29×95×15.5	2.8	29	95	15.5	166.83	182.26	2.14	28.43	Carbon
ESM 2.8×29×97.5×16.5	2.8	29	97.5	16.5	173.38	182.26	2.03	28.43	Carbon
ESM 2.8×29×100×17.5	2.8	29	100	17.5	179.94	182.26	1.92	28.43	Carbon
ESM 2.8×29×102.5×18.5	2.8	29	102.5	18.5	186.5	182.26	1.83	28.43	Carbon
ESM 2.8×29×105×19.5	2.8	29	105	19.5	193.05	182.26	1.75	28.43	Carbon
ESM 2.8×29×107.5×20.5	2.8	29	107.5	20.5	199.61	182.26	1.67	28.43	Carbon
ESM 2.8×29×110×21.5	2.8	29	110	21.5	206.16	182.26	1.6	28.43	Carbon
ESM 2.8×29×112.5×22.5	2.8	29	112.5	22.5	212.71	182.26	1.54	28.43	Carbon
ESM 2.8×29×115×22.5	2.8	29	115	22.5	219.27	182.26	1.48	28.43	Carbon
ESM 2.8×29×117.5×23.5	2.8	29	117.5	23.5	225.83	182.26	1.42	28.43	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



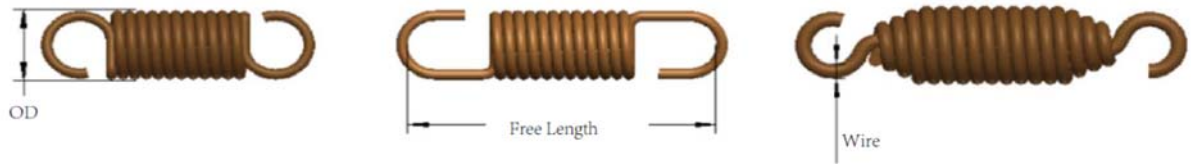
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×29×120×24.5	2.8	29	120	24.5	232.38	182.26	1.37	28.43	Carbon
ESM 2.8×29×122.5×25.5	2.8	29	122.5	25.5	238.94	182.26	1.32	28.43	Carbon
ESM 2.8×29×125×26.5	2.8	29	125	26.5	245.49	182.26	1.28	28.43	Carbon
ESM 2.8×29×127.5×27.5	2.8	29	127.5	27.5	252.05	182.26	1.24	28.43	Carbon
ESS 2.8×29×80×10.5	2.8	29	80	10.5	125.69	157.1	2.82	28.43	Stainless
ESS 2.8×29×82.5×11.5	2.8	29	82.5	11.5	132.09	157.1	2.59	28.43	Stainless
ESS 2.8×29×85×12.5	2.8	29	85	12.5	138.49	157.1	2.41	28.43	Stainless
ESS 2.8×29×87.5×13.5	2.8	29	87.5	13.5	144.89	157.1	2.24	28.43	Stainless
ESS 2.8×29×90×14.5	2.8	29	90	14.5	151.29	157.1	2.1	28.43	Stainless
ESS 2.8×29×92.5×14.5	2.8	29	92.5	14.5	157.69	157.1	1.97	28.43	Stainless
ESS 2.8×29×95×15.5	2.8	29	95	15.5	164.09	157.1	1.86	28.43	Stainless
ESS 2.8×29×97.5×16.5	2.8	29	97.5	16.5	170.49	157.1	1.76	28.43	Stainless
ESS 2.8×29×100×17.5	2.8	29	100	17.5	176.89	157.1	1.67	28.43	Stainless
ESS 2.8×29×102.5×18.5	2.8	29	102.5	18.5	183.3	157.1	1.59	28.43	Stainless
ESS 2.8×29×105×19.5	2.8	29	105	19.5	189.69	157.1	1.52	28.43	Stainless
ESS 2.8×29×107.5×20.5	2.8	29	107.5	20.5	196.1	157.1	1.45	28.43	Stainless
ESS 2.8×29×110×21.5	2.8	29	110	21.5	202.5	157.1	1.39	28.43	Stainless
ESS 2.8×29×112.5×22.5	2.8	29	112.5	22.5	208.89	157.1	1.33	28.43	Stainless
ESS 2.8×29×115×22.5	2.8	29	115	22.5	215.3	157.1	1.28	28.43	Stainless
ESS 2.8×29×117.5×23.5	2.8	29	117.5	23.5	221.7	157.1	1.23	28.43	Stainless
ESS 2.8×29×120×24.5	2.8	29	120	24.5	228.1	157.1	1.19	28.43	Stainless
ESS 2.8×29×122.5×25.5	2.8	29	122.5	25.5	234.5	157.1	1.15	28.43	Stainless
ESS 2.8×29×125×26.5	2.8	29	125	26.5	240.91	157.1	1.11	28.43	Stainless
ESS 2.8×29×127.5×27.5	2.8	29	127.5	27.5	247.3	157.1	1.07	28.43	Stainless
ESM 2.9×29×80×10.5	2.9	29	80	10.5	123.43	200.99	3.87	32.92	Carbon
ESM 2.9×29×82.5×11.5	2.9	29	82.5	11.5	129.6	200.99	3.57	32.92	Carbon
ESM 2.9×29×85×11.5	2.9	29	85	11.5	135.78	200.99	3.31	32.92	Carbon
ESM 2.9×29×87.5×12.5	2.9	29	87.5	12.5	141.96	200.99	3.09	32.92	Carbon
ESM 2.9×29×90×13.5	2.9	29	90	13.5	148.13	200.99	2.89	32.92	Carbon
ESM 2.9×29×92.5×14.5	2.9	29	92.5	14.5	154.31	200.99	2.72	32.92	Carbon
ESM 2.9×29×95×15.5	2.9	29	95	15.5	160.48	200.99	2.57	32.92	Carbon
ESM 2.9×29×97.5×16.5	2.9	29	97.5	16.5	166.66	200.99	2.43	32.92	Carbon
ESM 2.9×29×100×17.5	2.9	29	100	17.5	172.83	200.99	2.31	32.92	Carbon
ESM 2.9×29×102.5×17.5	2.9	29	102.5	17.5	179.01	200.99	2.2	32.92	Carbon
ESM 2.9×29×105×18.5	2.9	29	105	18.5	185.18	200.99	2.1	32.92	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×29×107.5×19.5	2.9	29	107.5	19.5	191.36	200.99	2	32.92	Carbon
ESM 2.9×29×110×20.5	2.9	29	110	20.5	197.53	200.99	1.92	32.92	Carbon
ESM 2.9×29×112.5×21.5	2.9	29	112.5	21.5	203.71	200.99	1.84	32.92	Carbon
ESM 2.9×29×115×22.5	2.9	29	115	22.5	209.89	200.99	1.77	32.92	Carbon
ESM 2.9×29×117.5×23.5	2.9	29	117.5	23.5	216.06	200.99	1.71	32.92	Carbon
ESM 2.9×29×120×23.5	2.9	29	120	23.5	222.24	200.99	1.64	32.92	Carbon
ESM 2.9×29×122.5×24.5	2.9	29	122.5	24.5	228.41	200.99	1.59	32.92	Carbon
ESM 2.9×29×125×25.5	2.9	29	125	25.5	234.59	200.99	1.53	32.92	Carbon
ESM 2.9×29×127.5×26.5	2.9	29	127.5	26.5	240.77	200.99	1.48	32.92	Carbon
ESS 2.9×29×80×10.5	2.9	29	80	10.5	121.83	173.69	3.37	32.92	Stainless
ESS 2.9×29×82.5×11.5	2.9	29	82.5	11.5	127.87	173.69	3.1	32.92	Stainless
ESS 2.9×29×85×11.5	2.9	29	85	11.5	133.91	173.69	2.88	32.92	Stainless
ESS 2.9×29×87.5×12.5	2.9	29	87.5	12.5	139.95	173.69	2.68	32.92	Stainless
ESS 2.9×29×90×13.5	2.9	29	90	13.5	145.99	173.69	2.51	32.92	Stainless
ESS 2.9×29×92.5×14.5	2.9	29	92.5	14.5	152.03	173.69	2.36	32.92	Stainless
ESS 2.9×29×95×15.5	2.9	29	95	15.5	158.07	173.69	2.23	32.92	Stainless
ESS 2.9×29×97.5×16.5	2.9	29	97.5	16.5	164.11	173.69	2.11	32.92	Stainless
ESS 2.9×29×100×17.5	2.9	29	100	17.5	170.15	173.69	2.01	32.92	Stainless
ESS 2.9×29×102.5×17.5	2.9	29	102.5	17.5	176.19	173.69	1.91	32.92	Stainless
ESS 2.9×29×105×18.5	2.9	29	105	18.5	182.23	173.69	1.82	32.92	Stainless
ESS 2.9×29×107.5×19.5	2.9	29	107.5	19.5	188.27	173.69	1.74	32.92	Stainless
ESS 2.9×29×110×20.5	2.9	29	110	20.5	194.31	173.69	1.67	32.92	Stainless
ESS 2.9×29×112.5×21.5	2.9	29	112.5	21.5	200.35	173.69	1.6	32.92	Stainless
ESS 2.9×29×115×22.5	2.9	29	115	22.5	206.39	173.69	1.54	32.92	Stainless
ESS 2.9×29×117.5×23.5	2.9	29	117.5	23.5	212.44	173.69	1.48	32.92	Stainless
ESS 2.9×29×120×23.5	2.9	29	120	23.5	218.47	173.69	1.43	32.92	Stainless
ESS 2.9×29×122.5×24.5	2.9	29	122.5	24.5	224.51	173.69	1.38	32.92	Stainless
ESS 2.9×29×125×25.5	2.9	29	125	25.5	230.56	173.69	1.33	32.92	Stainless
ESS 2.9×29×127.5×26.5	2.9	29	127.5	26.5	236.59	173.69	1.29	32.92	Stainless
ESM 3×29×82.5×10.5	3	29	82.5	10.5	125.83	221.68	4.24	37.89	Carbon
ESM 3×29×85×11.5	3	29	85	11.5	131.68	221.68	3.94	37.89	Carbon
ESM 3×29×87.5×12.5	3	29	87.5	12.5	137.54	221.68	3.67	37.89	Carbon
ESM 3×29×90×13.5	3	29	90	13.5	143.39	221.68	3.44	37.89	Carbon
ESM 3×29×92.5×14.5	3	29	92.5	14.5	149.24	221.68	3.24	37.89	Carbon
ESM 3×29×95×14.5	3	29	95	14.5	155.1	221.68	3.06	37.89	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×29×97.5×15.5	3	29	97.5	15.5	160.95	221.68	2.9	37.89	Carbon
ESM 3×29×100×16.5	3	29	100	16.5	166.81	221.68	2.75	37.89	Carbon
ESM 3×29×102.5×17.5	3	29	102.5	17.5	172.66	221.68	2.62	37.89	Carbon
ESM 3×29×105×18.5	3	29	105	18.5	178.51	221.68	2.5	37.89	Carbon
ESM 3×29×107.5×19.5	3	29	107.5	19.5	184.37	221.68	2.39	37.89	Carbon
ESM 3×29×110×19.5	3	29	110	19.5	190.22	221.68	2.29	37.89	Carbon
ESM 3×29×112.5×20.5	3	29	112.5	20.5	196.07	221.68	2.2	37.89	Carbon
ESM 3×29×115×21.5	3	29	115	21.5	201.93	221.68	2.11	37.89	Carbon
ESM 3×29×117.5×22.5	3	29	117.5	22.5	207.78	221.68	2.04	37.89	Carbon
ESM 3×29×120×23.5	3	29	120	23.5	213.63	221.68	1.96	37.89	Carbon
ESM 3×29×122.5×24.5	3	29	122.5	24.5	219.49	221.68	1.9	37.89	Carbon
ESM 3×29×125×24.5	3	29	125	24.5	225.34	221.68	1.83	37.89	Carbon
ESM 3×29×127.5×25.5	3	29	127.5	25.5	231.2	221.68	1.77	37.89	Carbon
ESM 3×29×130×26.5	3	29	130	26.5	237.05	221.68	1.72	37.89	Carbon
ESS 3×29×82.5×10.5	3	29	82.5	10.5	124.1	191.34	3.69	37.89	Stainless
ESS 3×29×85×11.5	3	29	85	11.5	129.82	191.34	3.42	37.89	Stainless
ESS 3×29×87.5×12.5	3	29	87.5	12.5	135.54	191.34	3.19	37.89	Stainless
ESS 3×29×90×13.5	3	29	90	13.5	141.26	191.34	2.99	37.89	Stainless
ESS 3×29×92.5×14.5	3	29	92.5	14.5	146.98	191.34	2.82	37.89	Stainless
ESS 3×29×95×14.5	3	29	95	14.5	152.7	191.34	2.66	37.89	Stainless
ESS 3×29×97.5×15.5	3	29	97.5	15.5	158.42	191.34	2.52	37.89	Stainless
ESS 3×29×100×16.5	3	29	100	16.5	164.14	191.34	2.39	37.89	Stainless
ESS 3×29×102.5×17.5	3	29	102.5	17.5	169.86	191.34	2.28	37.89	Stainless
ESS 3×29×105×18.5	3	29	105	18.5	175.58	191.34	2.17	37.89	Stainless
ESS 3×29×107.5×19.5	3	29	107.5	19.5	181.3	191.34	2.08	37.89	Stainless
ESS 3×29×110×19.5	3	29	110	19.5	187.02	191.34	1.99	37.89	Stainless
ESS 3×29×112.5×20.5	3	29	112.5	20.5	192.74	191.34	1.91	37.89	Stainless
ESS 3×29×115×21.5	3	29	115	21.5	198.46	191.34	1.84	37.89	Stainless
ESS 3×29×117.5×22.5	3	29	117.5	22.5	204.19	191.34	1.77	37.89	Stainless
ESS 3×29×120×23.5	3	29	120	23.5	209.91	191.34	1.71	37.89	Stainless
ESS 3×29×122.5×24.5	3	29	122.5	24.5	215.62	191.34	1.65	37.89	Stainless
ESS 3×29×125×24.5	3	29	125	24.5	221.35	191.34	1.59	37.89	Stainless
ESS 3×29×127.5×25.5	3	29	127.5	25.5	227.07	191.34	1.54	37.89	Stainless
ESS 3×29×130×26.5	3	29	130	26.5	232.78	191.34	1.49	37.89	Stainless
ESM 2×30×80×12.5	2	30	80	12.5	180.92	66.33	0.6	5.95	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

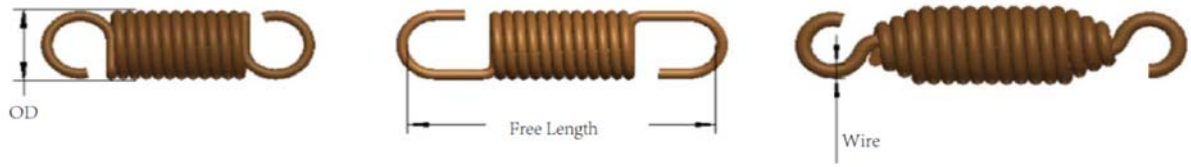






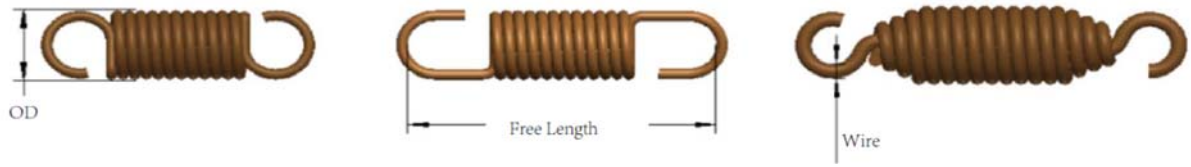
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2×30×82.5×13.5	2	30	82.5	13.5	193.44	66.33	0.54	5.95	Carbon
ESM 2×30×85×15.5	2	30	85	15.5	205.96	66.33	0.5	5.95	Carbon
ESM 2×30×87.5×16.5	2	30	87.5	16.5	218.46	66.33	0.46	5.95	Carbon
ESM 2×30×90×17.5	2	30	90	17.5	230.99	66.33	0.43	5.95	Carbon
ESM 2×30×92.5×18.5	2	30	92.5	18.5	243.51	66.33	0.4	5.95	Carbon
ESM 2×30×95×20.5	2	30	95	20.5	255.99	66.33	0.38	5.95	Carbon
ESM 2×30×97.5×21.5	2	30	97.5	21.5	268.53	66.33	0.35	5.95	Carbon
ESM 2×30×100×22.5	2	30	100	22.5	281.03	66.33	0.33	5.95	Carbon
ESM 2×30×102.5×23.5	2	30	102.5	23.5	293.55	66.33	0.32	5.95	Carbon
ESM 2×30×105×25.5	2	30	105	25.5	306.04	66.33	0.3	5.95	Carbon
ESM 2×30×107.5×26.5	2	30	107.5	26.5	318.59	66.33	0.29	5.95	Carbon
ESM 2×30×110×27.5	2	30	110	27.5	331.06	66.33	0.27	5.95	Carbon
ESM 2×30×112.5×28.5	2	30	112.5	28.5	343.63	66.33	0.26	5.95	Carbon
ESM 2×30×115×30.5	2	30	115	30.5	356.1	66.33	0.25	5.95	Carbon
ESM 2×30×117.5×31.5	2	30	117.5	31.5	368.63	66.33	0.24	5.95	Carbon
ESM 2×30×120×32.5	2	30	120	32.5	381.12	66.33	0.23	5.95	Carbon
ESM 2×30×122.5×33.5	2	30	122.5	33.5	393.59	66.33	0.22	5.95	Carbon
ESM 2×30×125×35.5	2	30	125	35.5	406.19	66.33	0.21	5.95	Carbon
ESM 2×30×127.5×36.5	2	30	127.5	36.5	418.73	66.33	0.21	5.95	Carbon
ESS 2×30×80×12.5	2	30	80	12.5	182.96	57.28	0.5	5.95	Stainless
ESS 2×30×82.5×13.5	2	30	82.5	13.5	195.68	57.28	0.45	5.95	Stainless
ESS 2×30×85×15.5	2	30	85	15.5	208.41	57.28	0.42	5.95	Stainless
ESS 2×30×87.5×16.5	2	30	87.5	16.5	221.13	57.28	0.38	5.95	Stainless
ESS 2×30×90×17.5	2	30	90	17.5	233.81	57.28	0.36	5.95	Stainless
ESS 2×30×92.5×18.5	2	30	92.5	18.5	246.54	57.28	0.33	5.95	Stainless
ESS 2×30×95×20.5	2	30	95	20.5	259.25	57.28	0.31	5.95	Stainless
ESS 2×30×97.5×21.5	2	30	97.5	21.5	271.96	57.28	0.29	5.95	Stainless
ESS 2×30×100×22.5	2	30	100	22.5	284.7	57.28	0.28	5.95	Stainless
ESS 2×30×102.5×23.5	2	30	102.5	23.5	297.44	57.28	0.26	5.95	Stainless
ESS 2×30×105×25.5	2	30	105	25.5	310.15	57.28	0.25	5.95	Stainless
ESS 2×30×107.5×26.5	2	30	107.5	26.5	322.8	57.28	0.24	5.95	Stainless
ESS 2×30×110×27.5	2	30	110	27.5	335.52	57.28	0.23	5.95	Stainless
ESS 2×30×112.5×28.5	2	30	112.5	28.5	348.27	57.28	0.22	5.95	Stainless
ESS 2×30×115×30.5	2	30	115	30.5	360.94	57.28	0.21	5.95	Stainless
ESS 2×30×117.5×31.5	2	30	117.5	31.5	373.75	57.28	0.2	5.95	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



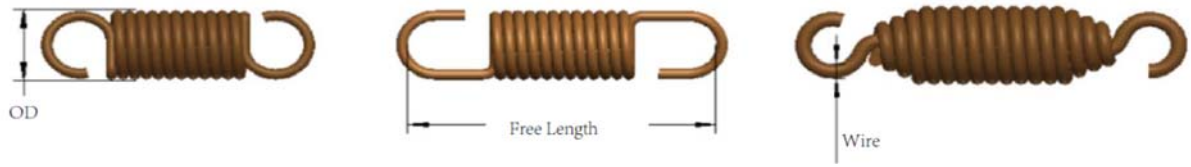
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2×30×120×32.5	2	30	120	32.5	386.36	57.28	0.19	5.95	Stainless
ESS 2×30×122.5×33.5	2	30	122.5	33.5	399.2	57.28	0.19	5.95	Stainless
ESS 2×30×125×35.5	2	30	125	35.5	411.91	57.28	0.18	5.95	Stainless
ESS 2×30×127.5×36.5	2	30	127.5	36.5	424.53	57.28	0.17	5.95	Stainless
ESM 2.1×30×80×12.5	2.1	30	80	12.5	170.42	76.52	0.76	7.46	Carbon
ESM 2.1×30×82.5×13.5	2.1	30	82.5	13.5	181.8	76.52	0.7	7.46	Carbon
ESM 2.1×30×85×14.5	2.1	30	85	14.5	193.18	76.52	0.64	7.46	Carbon
ESM 2.1×30×87.5×15.5	2.1	30	87.5	15.5	204.55	76.52	0.59	7.46	Carbon
ESM 2.1×30×90×16.5	2.1	30	90	16.5	215.93	76.52	0.55	7.46	Carbon
ESM 2.1×30×92.5×18.5	2.1	30	92.5	18.5	227.31	76.52	0.51	7.46	Carbon
ESM 2.1×30×95×19.5	2.1	30	95	19.5	238.7	76.52	0.48	7.46	Carbon
ESM 2.1×30×97.5×20.5	2.1	30	97.5	20.5	250.05	76.52	0.45	7.46	Carbon
ESM 2.1×30×100×21.5	2.1	30	100	21.5	261.43	76.52	0.43	7.46	Carbon
ESM 2.1×30×102.5×22.5	2.1	30	102.5	22.5	272.81	76.52	0.41	7.46	Carbon
ESM 2.1×30×105×24.5	2.1	30	105	24.5	284.19	76.52	0.39	7.46	Carbon
ESM 2.1×30×107.5×25.5	2.1	30	107.5	25.5	295.57	76.52	0.37	7.46	Carbon
ESM 2.1×30×110×26.5	2.1	30	110	26.5	306.98	76.52	0.35	7.46	Carbon
ESM 2.1×30×112.5×27.5	2.1	30	112.5	27.5	318.34	76.52	0.34	7.46	Carbon
ESM 2.1×30×115×28.5	2.1	30	115	28.5	329.74	76.52	0.32	7.46	Carbon
ESM 2.1×30×117.5×29.5	2.1	30	117.5	29.5	341.07	76.52	0.31	7.46	Carbon
ESM 2.1×30×120×31.5	2.1	30	120	31.5	352.45	76.52	0.3	7.46	Carbon
ESM 2.1×30×122.5×32.5	2.1	30	122.5	32.5	363.89	76.52	0.29	7.46	Carbon
ESM 2.1×30×125×33.5	2.1	30	125	33.5	375.22	76.52	0.28	7.46	Carbon
ESM 2.1×30×127.5×34.5	2.1	30	127.5	34.5	386.64	76.52	0.27	7.46	Carbon
ESS 2.1×30×80×12.5	2.1	30	80	12.5	171.99	66.01	0.64	7.46	Stainless
ESS 2.1×30×82.5×13.5	2.1	30	82.5	13.5	183.52	66.01	0.58	7.46	Stainless
ESS 2.1×30×85×14.5	2.1	30	85	14.5	195.06	66.01	0.53	7.46	Stainless
ESS 2.1×30×87.5×15.5	2.1	30	87.5	15.5	206.58	66.01	0.49	7.46	Stainless
ESS 2.1×30×90×16.5	2.1	30	90	16.5	218.13	66.01	0.46	7.46	Stainless
ESS 2.1×30×92.5×18.5	2.1	30	92.5	18.5	229.66	66.01	0.43	7.46	Stainless
ESS 2.1×30×95×19.5	2.1	30	95	19.5	241.2	66.01	0.4	7.46	Stainless
ESS 2.1×30×97.5×20.5	2.1	30	97.5	20.5	252.73	66.01	0.38	7.46	Stainless
ESS 2.1×30×100×21.5	2.1	30	100	21.5	264.24	66.01	0.36	7.46	Stainless
ESS 2.1×30×102.5×22.5	2.1	30	102.5	22.5	275.79	66.01	0.34	7.46	Stainless
ESS 2.1×30×105×24.5	2.1	30	105	24.5	287.35	66.01	0.32	7.46	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



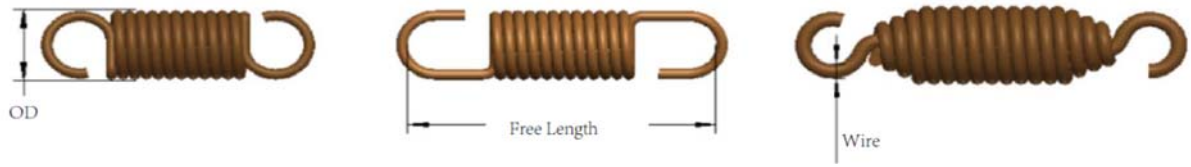
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.1×30×107.5×25.5	2.1	30	107.5	25.5	298.85	66.01	0.31	7.46	Stainless
ESS 2.1×30×110×26.5	2.1	30	110	26.5	310.39	66.01	0.29	7.46	Stainless
ESS 2.1×30×112.5×27.5	2.1	30	112.5	27.5	321.92	66.01	0.28	7.46	Stainless
ESS 2.1×30×115×28.5	2.1	30	115	28.5	333.48	66.01	0.27	7.46	Stainless
ESS 2.1×30×117.5×29.5	2.1	30	117.5	29.5	344.98	66.01	0.26	7.46	Stainless
ESS 2.1×30×120×31.5	2.1	30	120	31.5	356.48	66.01	0.25	7.46	Stainless
ESS 2.1×30×122.5×32.5	2.1	30	122.5	32.5	368.11	66.01	0.24	7.46	Stainless
ESS 2.1×30×125×33.5	2.1	30	125	33.5	379.58	66.01	0.23	7.46	Stainless
ESS 2.1×30×127.5×34.5	2.1	30	127.5	34.5	391.13	66.01	0.22	7.46	Stainless
ESM 2.2×30×80×11.5	2.2	30	80	11.5	161.03	87.36	0.96	9.21	Carbon
ESM 2.2×30×82.5×12.5	2.2	30	82.5	12.5	171.41	87.36	0.88	9.21	Carbon
ESM 2.2×30×85×13.5	2.2	30	85	13.5	181.79	87.36	0.81	9.21	Carbon
ESM 2.2×30×87.5×15.5	2.2	30	87.5	15.5	192.16	87.36	0.75	9.21	Carbon
ESM 2.2×30×90×16.5	2.2	30	90	16.5	202.54	87.36	0.69	9.21	Carbon
ESM 2.2×30×92.5×17.5	2.2	30	92.5	17.5	212.92	87.36	0.65	9.21	Carbon
ESM 2.2×30×95×18.5	2.2	30	95	18.5	223.3	87.36	0.61	9.21	Carbon
ESM 2.2×30×97.5×19.5	2.2	30	97.5	19.5	233.67	87.36	0.57	9.21	Carbon
ESM 2.2×30×100×20.5	2.2	30	100	20.5	244.05	87.36	0.54	9.21	Carbon
ESM 2.2×30×102.5×21.5	2.2	30	102.5	21.5	254.42	87.36	0.51	9.21	Carbon
ESM 2.2×30×105×23.5	2.2	30	105	23.5	264.81	87.36	0.49	9.21	Carbon
ESM 2.2×30×107.5×24.5	2.2	30	107.5	24.5	275.17	87.36	0.47	9.21	Carbon
ESM 2.2×30×110×25.5	2.2	30	110	25.5	285.54	87.36	0.45	9.21	Carbon
ESM 2.2×30×112.5×26.5	2.2	30	112.5	26.5	295.95	87.36	0.43	9.21	Carbon
ESM 2.2×30×115×27.5	2.2	30	115	27.5	306.31	87.36	0.41	9.21	Carbon
ESM 2.2×30×117.5×28.5	2.2	30	117.5	28.5	316.71	87.36	0.39	9.21	Carbon
ESM 2.2×30×120×29.5	2.2	30	120	29.5	327.07	87.36	0.38	9.21	Carbon
ESM 2.2×30×122.5×31.5	2.2	30	122.5	31.5	337.43	87.36	0.36	9.21	Carbon
ESM 2.2×30×125×32.5	2.2	30	125	32.5	347.84	87.36	0.35	9.21	Carbon
ESM 2.2×30×127.5×33.5	2.2	30	127.5	33.5	358.17	87.36	0.34	9.21	Carbon
ESS 2.2×30×80×11.5	2.2	30	80	11.5	162.54	75.55	0.8	9.21	Stainless
ESS 2.2×30×82.5×12.5	2.2	30	82.5	12.5	173.06	75.55	0.73	9.21	Stainless
ESS 2.2×30×85×13.5	2.2	30	85	13.5	183.58	75.55	0.67	9.21	Stainless
ESS 2.2×30×87.5×15.5	2.2	30	87.5	15.5	194.11	75.55	0.62	9.21	Stainless
ESS 2.2×30×90×16.5	2.2	30	90	16.5	204.63	75.55	0.58	9.21	Stainless
ESS 2.2×30×92.5×17.5	2.2	30	92.5	17.5	215.16	75.55	0.54	9.21	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



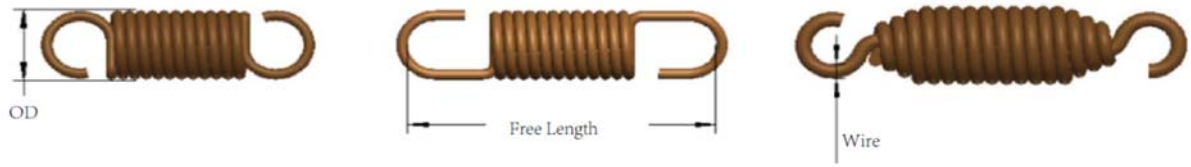
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.2×30×95×18.5	2.2	30	95	18.5	225.68	75.55	0.51	9.21	Stainless
ESS 2.2×30×97.5×19.5	2.2	30	97.5	19.5	236.19	75.55	0.48	9.21	Stainless
ESS 2.2×30×100×20.5	2.2	30	100	20.5	246.73	75.55	0.45	9.21	Stainless
ESS 2.2×30×102.5×21.5	2.2	30	102.5	21.5	257.24	75.55	0.43	9.21	Stainless
ESS 2.2×30×105×23.5	2.2	30	105	23.5	267.79	75.55	0.41	9.21	Stainless
ESS 2.2×30×107.5×24.5	2.2	30	107.5	24.5	278.29	75.55	0.39	9.21	Stainless
ESS 2.2×30×110×25.5	2.2	30	110	25.5	288.8	75.55	0.37	9.21	Stainless
ESS 2.2×30×112.5×26.5	2.2	30	112.5	26.5	299.36	75.55	0.36	9.21	Stainless
ESS 2.2×30×115×27.5	2.2	30	115	27.5	309.88	75.55	0.34	9.21	Stainless
ESS 2.2×30×117.5×28.5	2.2	30	117.5	28.5	320.36	75.55	0.33	9.21	Stainless
ESS 2.2×30×120×29.5	2.2	30	120	29.5	330.92	75.55	0.31	9.21	Stainless
ESS 2.2×30×122.5×31.5	2.2	30	122.5	31.5	341.43	75.55	0.3	9.21	Stainless
ESS 2.2×30×125×32.5	2.2	30	125	32.5	351.94	75.55	0.29	9.21	Stainless
ESS 2.2×30×127.5×33.5	2.2	30	127.5	33.5	362.48	75.55	0.28	9.21	Stainless
ESM 2.3×30×80×11.5	2.3	30	80	11.5	153.2	99.47	1.21	11.24	Carbon
ESM 2.3×30×82.5×12.5	2.3	30	82.5	12.5	162.74	99.47	1.1	11.24	Carbon
ESM 2.3×30×85×13.5	2.3	30	85	13.5	172.29	99.47	1.01	11.24	Carbon
ESM 2.3×30×87.5×14.5	2.3	30	87.5	14.5	181.83	99.47	0.94	11.24	Carbon
ESM 2.3×30×90×15.5	2.3	30	90	15.5	191.38	99.47	0.87	11.24	Carbon
ESM 2.3×30×92.5×16.5	2.3	30	92.5	16.5	200.92	99.47	0.81	11.24	Carbon
ESM 2.3×30×95×17.5	2.3	30	95	17.5	210.47	99.47	0.76	11.24	Carbon
ESM 2.3×30×97.5×18.5	2.3	30	97.5	18.5	220.01	99.47	0.72	11.24	Carbon
ESM 2.3×30×100×19.5	2.3	30	100	19.5	229.56	99.47	0.68	11.24	Carbon
ESM 2.3×30×102.5×21.5	2.3	30	102.5	21.5	239.1	99.47	0.65	11.24	Carbon
ESM 2.3×30×105×22.5	2.3	30	105	22.5	248.65	99.47	0.61	11.24	Carbon
ESM 2.3×30×107.5×23.5	2.3	30	107.5	23.5	258.19	99.47	0.59	11.24	Carbon
ESM 2.3×30×110×24.5	2.3	30	110	24.5	267.72	99.47	0.56	11.24	Carbon
ESM 2.3×30×112.5×25.5	2.3	30	112.5	25.5	277.26	99.47	0.54	11.24	Carbon
ESM 2.3×30×115×26.5	2.3	30	115	26.5	286.82	99.47	0.51	11.24	Carbon
ESM 2.3×30×117.5×27.5	2.3	30	117.5	27.5	296.35	99.47	0.49	11.24	Carbon
ESM 2.3×30×120×28.5	2.3	30	120	28.5	305.9	99.47	0.47	11.24	Carbon
ESM 2.3×30×122.5×29.5	2.3	30	122.5	29.5	315.43	99.47	0.46	11.24	Carbon
ESM 2.3×30×125×30.5	2.3	30	125	30.5	324.97	99.47	0.44	11.24	Carbon
ESM 2.3×30×127.5×31.5	2.3	30	127.5	31.5	334.51	99.47	0.43	11.24	Carbon
ESS 2.3×30×80×11.5	2.3	30	80	11.5	154.35	85.92	1	11.24	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.3×30×82.5×12.5	2.3	30	82.5	12.5	164	85.92	0.92	11.24	Stainless
ESS 2.3×30×85×13.5	2.3	30	85	13.5	173.66	85.92	0.84	11.24	Stainless
ESS 2.3×30×87.5×14.5	2.3	30	87.5	14.5	183.32	85.92	0.78	11.24	Stainless
ESS 2.3×30×90×15.5	2.3	30	90	15.5	192.96	85.92	0.73	11.24	Stainless
ESS 2.3×30×92.5×16.5	2.3	30	92.5	16.5	202.62	85.92	0.68	11.24	Stainless
ESS 2.3×30×95×17.5	2.3	30	95	17.5	212.27	85.92	0.64	11.24	Stainless
ESS 2.3×30×97.5×18.5	2.3	30	97.5	18.5	221.93	85.92	0.6	11.24	Stainless
ESS 2.3×30×100×19.5	2.3	30	100	19.5	231.6	85.92	0.57	11.24	Stainless
ESS 2.3×30×102.5×21.5	2.3	30	102.5	21.5	241.23	85.92	0.54	11.24	Stainless
ESS 2.3×30×105×22.5	2.3	30	105	22.5	250.89	85.92	0.51	11.24	Stainless
ESS 2.3×30×107.5×23.5	2.3	30	107.5	23.5	260.56	85.92	0.49	11.24	Stainless
ESS 2.3×30×110×24.5	2.3	30	110	24.5	270.19	85.92	0.47	11.24	Stainless
ESS 2.3×30×112.5×25.5	2.3	30	112.5	25.5	279.87	85.92	0.45	11.24	Stainless
ESS 2.3×30×115×26.5	2.3	30	115	26.5	289.53	85.92	0.43	11.24	Stainless
ESS 2.3×30×117.5×27.5	2.3	30	117.5	27.5	299.16	85.92	0.41	11.24	Stainless
ESS 2.3×30×120×28.5	2.3	30	120	28.5	308.83	85.92	0.4	11.24	Stainless
ESS 2.3×30×122.5×29.5	2.3	30	122.5	29.5	318.46	85.92	0.38	11.24	Stainless
ESS 2.3×30×125×30.5	2.3	30	125	30.5	328.16	85.92	0.37	11.24	Stainless
ESS 2.3×30×127.5×31.5	2.3	30	127.5	31.5	337.81	85.92	0.36	11.24	Stainless
ESM 2.4×30×80×10.5	2.4	30	80	10.5	146.36	112.61	1.49	13.57	Carbon
ESM 2.4×30×82.5×11.5	2.4	30	82.5	11.5	155.18	112.61	1.36	13.57	Carbon
ESM 2.4×30×85×13.5	2.4	30	85	13.5	164.01	112.61	1.25	13.57	Carbon
ESM 2.4×30×87.5×14.5	2.4	30	87.5	14.5	172.83	112.61	1.16	13.57	Carbon
ESM 2.4×30×90×15.5	2.4	30	90	15.5	181.65	112.61	1.08	13.57	Carbon
ESM 2.4×30×92.5×16.5	2.4	30	92.5	16.5	190.47	112.61	1.01	13.57	Carbon
ESM 2.4×30×95×17.5	2.4	30	95	17.5	199.3	112.61	0.95	13.57	Carbon
ESM 2.4×30×97.5×18.5	2.4	30	97.5	18.5	208.11	112.61	0.9	13.57	Carbon
ESM 2.4×30×100×19.5	2.4	30	100	19.5	216.95	112.61	0.85	13.57	Carbon
ESM 2.4×30×102.5×20.5	2.4	30	102.5	20.5	225.76	112.61	0.8	13.57	Carbon
ESM 2.4×30×105×21.5	2.4	30	105	21.5	234.58	112.61	0.76	13.57	Carbon
ESM 2.4×30×107.5×22.5	2.4	30	107.5	22.5	243.42	112.61	0.73	13.57	Carbon
ESM 2.4×30×110×23.5	2.4	30	110	23.5	252.24	112.61	0.7	13.57	Carbon
ESM 2.4×30×112.5×24.5	2.4	30	112.5	24.5	261.05	112.61	0.67	13.57	Carbon
ESM 2.4×30×115×25.5	2.4	30	115	25.5	269.87	112.61	0.64	13.57	Carbon
ESM 2.4×30×117.5×26.5	2.4	30	117.5	26.5	278.7	112.61	0.61	13.57	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×30×120×27.5	2.4	30	120	27.5	287.53	112.61	0.59	13.57	Carbon
ESM 2.4×30×122.5×28.5	2.4	30	122.5	28.5	296.35	112.61	0.57	13.57	Carbon
ESM 2.4×30×125×29.5	2.4	30	125	29.5	305.17	112.61	0.55	13.57	Carbon
ESM 2.4×30×127.5×30.5	2.4	30	127.5	30.5	313.98	112.61	0.53	13.57	Carbon
ESS 2.4×30×80×10.5	2.4	30	80	10.5	147.21	97.16	1.24	13.57	Stainless
ESS 2.4×30×82.5×11.5	2.4	30	82.5	11.5	156.12	97.16	1.14	13.57	Stainless
ESS 2.4×30×85×13.5	2.4	30	85	13.5	165.02	97.16	1.04	13.57	Stainless
ESS 2.4×30×87.5×14.5	2.4	30	87.5	14.5	173.92	97.16	0.97	13.57	Stainless
ESS 2.4×30×90×15.5	2.4	30	90	15.5	182.83	97.16	0.9	13.57	Stainless
ESS 2.4×30×92.5×16.5	2.4	30	92.5	16.5	191.73	97.16	0.84	13.57	Stainless
ESS 2.4×30×95×17.5	2.4	30	95	17.5	200.63	97.16	0.79	13.57	Stainless
ESS 2.4×30×97.5×18.5	2.4	30	97.5	18.5	209.54	97.16	0.75	13.57	Stainless
ESS 2.4×30×100×19.5	2.4	30	100	19.5	218.44	97.16	0.71	13.57	Stainless
ESS 2.4×30×102.5×20.5	2.4	30	102.5	20.5	227.34	97.16	0.67	13.57	Stainless
ESS 2.4×30×105×21.5	2.4	30	105	21.5	236.25	97.16	0.64	13.57	Stainless
ESS 2.4×30×107.5×22.5	2.4	30	107.5	22.5	245.15	97.16	0.61	13.57	Stainless
ESS 2.4×30×110×23.5	2.4	30	110	23.5	254.05	97.16	0.58	13.57	Stainless
ESS 2.4×30×112.5×24.5	2.4	30	112.5	24.5	262.95	97.16	0.56	13.57	Stainless
ESS 2.4×30×115×25.5	2.4	30	115	25.5	271.86	97.16	0.53	13.57	Stainless
ESS 2.4×30×117.5×26.5	2.4	30	117.5	26.5	280.77	97.16	0.51	13.57	Stainless
ESS 2.4×30×120×27.5	2.4	30	120	27.5	289.66	97.16	0.49	13.57	Stainless
ESS 2.4×30×122.5×28.5	2.4	30	122.5	28.5	298.56	97.16	0.47	13.57	Stainless
ESS 2.4×30×125×29.5	2.4	30	125	29.5	307.48	97.16	0.46	13.57	Stainless
ESS 2.4×30×127.5×30.5	2.4	30	127.5	30.5	316.37	97.16	0.44	13.57	Stainless
ESM 2.5×30×80×10.5	2.5	30	80	10.5	140.36	126.83	1.83	16.23	Carbon
ESM 2.5×30×82.5×11.5	2.5	30	82.5	11.5	148.55	126.83	1.67	16.23	Carbon
ESM 2.5×30×85×12.5	2.5	30	85	12.5	156.75	126.83	1.54	16.23	Carbon
ESM 2.5×30×87.5×13.5	2.5	30	87.5	13.5	164.95	126.83	1.43	16.23	Carbon
ESM 2.5×30×90×14.5	2.5	30	90	14.5	173.14	126.83	1.33	16.23	Carbon
ESM 2.5×30×92.5×15.5	2.5	30	92.5	15.5	181.34	126.83	1.25	16.23	Carbon
ESM 2.5×30×95×16.5	2.5	30	95	16.5	189.53	126.83	1.17	16.23	Carbon
ESM 2.5×30×97.5×17.5	2.5	30	97.5	17.5	197.72	126.83	1.1	16.23	Carbon
ESM 2.5×30×100×18.5	2.5	30	100	18.5	205.92	126.83	1.04	16.23	Carbon
ESM 2.5×30×102.5×19.5	2.5	30	102.5	19.5	214.12	126.83	0.99	16.23	Carbon
ESM 2.5×30×105×20.5	2.5	30	105	20.5	222.31	126.83	0.94	16.23	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×30×107.5×21.5	2.5	30	107.5	21.5	230.5	126.83	0.9	16.23	Carbon
ESM 2.5×30×110×22.5	2.5	30	110	22.5	238.69	126.83	0.86	16.23	Carbon
ESM 2.5×30×112.5×23.5	2.5	30	112.5	23.5	246.89	126.83	0.82	16.23	Carbon
ESM 2.5×30×115×24.5	2.5	30	115	24.5	255.09	126.83	0.79	16.23	Carbon
ESM 2.5×30×117.5×25.5	2.5	30	117.5	25.5	263.28	126.83	0.76	16.23	Carbon
ESM 2.5×30×120×26.5	2.5	30	120	26.5	271.47	126.83	0.73	16.23	Carbon
ESM 2.5×30×122.5×27.5	2.5	30	122.5	27.5	279.67	126.83	0.7	16.23	Carbon
ESM 2.5×30×125×28.5	2.5	30	125	28.5	287.86	126.83	0.68	16.23	Carbon
ESM 2.5×30×127.5×29.5	2.5	30	127.5	29.5	296.05	126.83	0.66	16.23	Carbon
ESS 2.5×30×80×10.5	2.5	30	80	10.5	140.96	109.3	1.53	16.23	Stainless
ESS 2.5×30×82.5×11.5	2.5	30	82.5	11.5	149.21	109.3	1.4	16.23	Stainless
ESS 2.5×30×85×12.5	2.5	30	85	12.5	157.45	109.3	1.28	16.23	Stainless
ESS 2.5×30×87.5×13.5	2.5	30	87.5	13.5	165.71	109.3	1.19	16.23	Stainless
ESS 2.5×30×90×14.5	2.5	30	90	14.5	173.96	109.3	1.11	16.23	Stainless
ESS 2.5×30×92.5×15.5	2.5	30	92.5	15.5	182.21	109.3	1.04	16.23	Stainless
ESS 2.5×30×95×16.5	2.5	30	95	16.5	190.46	109.3	0.98	16.23	Stainless
ESS 2.5×30×97.5×17.5	2.5	30	97.5	17.5	198.71	109.3	0.92	16.23	Stainless
ESS 2.5×30×100×18.5	2.5	30	100	18.5	206.96	109.3	0.87	16.23	Stainless
ESS 2.5×30×102.5×19.5	2.5	30	102.5	19.5	215.21	109.3	0.83	16.23	Stainless
ESS 2.5×30×105×20.5	2.5	30	105	20.5	223.46	109.3	0.79	16.23	Stainless
ESS 2.5×30×107.5×21.5	2.5	30	107.5	21.5	231.72	109.3	0.75	16.23	Stainless
ESS 2.5×30×110×22.5	2.5	30	110	22.5	239.96	109.3	0.72	16.23	Stainless
ESS 2.5×30×112.5×23.5	2.5	30	112.5	23.5	248.22	109.3	0.69	16.23	Stainless
ESS 2.5×30×115×24.5	2.5	30	115	24.5	256.47	109.3	0.66	16.23	Stainless
ESS 2.5×30×117.5×25.5	2.5	30	117.5	25.5	264.72	109.3	0.63	16.23	Stainless
ESS 2.5×30×120×26.5	2.5	30	120	26.5	272.96	109.3	0.61	16.23	Stainless
ESS 2.5×30×122.5×27.5	2.5	30	122.5	27.5	281.22	109.3	0.59	16.23	Stainless
ESS 2.5×30×125×28.5	2.5	30	125	28.5	289.47	109.3	0.57	16.23	Stainless
ESS 2.5×30×127.5×29.5	2.5	30	127.5	29.5	297.72	109.3	0.55	16.23	Stainless
ESM 2.6×30×82.5×11.5	2.6	30	82.5	11.5	145.07	141.62	1.96	19.23	Carbon
ESM 2.6×30×85×12.5	2.6	30	85	12.5	152.91	141.62	1.8	19.23	Carbon
ESM 2.6×30×87.5×13.5	2.6	30	87.5	13.5	160.76	141.62	1.67	19.23	Carbon
ESM 2.6×30×90×14.5	2.6	30	90	14.5	168.61	141.62	1.56	19.23	Carbon
ESM 2.6×30×92.5×15.5	2.6	30	92.5	15.5	176.45	141.62	1.46	19.23	Carbon
ESM 2.6×30×95×16.5	2.6	30	95	16.5	184.3	141.62	1.37	19.23	Carbon

M: Carbon Steel;
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OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×30×97.5×17.5	2.6	30	97.5	17.5	192.14	141.62	1.29	19.23	Carbon
ESM 2.6×30×100×17.5	2.6	30	100	17.5	199.99	141.62	1.22	19.23	Carbon
ESM 2.6×30×102.5×18.5	2.6	30	102.5	18.5	207.84	141.62	1.16	19.23	Carbon
ESM 2.6×30×105×19.5	2.6	30	105	19.5	215.68	141.62	1.11	19.23	Carbon
ESM 2.6×30×107.5×20.5	2.6	30	107.5	20.5	223.52	141.62	1.05	19.23	Carbon
ESM 2.6×30×110×21.5	2.6	30	110	21.5	231.37	141.62	1.01	19.23	Carbon
ESM 2.6×30×112.5×22.5	2.6	30	112.5	22.5	239.21	141.62	0.97	19.23	Carbon
ESM 2.6×30×115×23.5	2.6	30	115	23.5	247.06	141.62	0.93	19.23	Carbon
ESM 2.6×30×117.5×24.5	2.6	30	117.5	24.5	254.91	141.62	0.89	19.23	Carbon
ESM 2.6×30×120×25.5	2.6	30	120	25.5	262.75	141.62	0.86	19.23	Carbon
ESM 2.6×30×122.5×26.5	2.6	30	122.5	26.5	270.6	141.62	0.83	19.23	Carbon
ESM 2.6×30×125×27.5	2.6	30	125	27.5	278.45	141.62	0.8	19.23	Carbon
ESM 2.6×30×127.5×28.5	2.6	30	127.5	28.5	286.29	141.62	0.77	19.23	Carbon
ESM 2.6×30×130×29.5	2.6	30	130	29.5	294.13	141.62	0.75	19.23	Carbon
ESS 2.6×30×82.5×11.5	2.6	30	82.5	11.5	143.13	122.36	1.7	19.23	Stainless
ESS 2.6×30×85×12.5	2.6	30	85	12.5	150.81	122.36	1.57	19.23	Stainless
ESS 2.6×30×87.5×13.5	2.6	30	87.5	13.5	158.49	122.36	1.45	19.23	Stainless
ESS 2.6×30×90×14.5	2.6	30	90	14.5	166.17	122.36	1.35	19.23	Stainless
ESS 2.6×30×92.5×15.5	2.6	30	92.5	15.5	173.85	122.36	1.27	19.23	Stainless
ESS 2.6×30×95×16.5	2.6	30	95	16.5	181.53	122.36	1.19	19.23	Stainless
ESS 2.6×30×97.5×17.5	2.6	30	97.5	17.5	189.21	122.36	1.12	19.23	Stainless
ESS 2.6×30×100×17.5	2.6	30	100	17.5	196.89	122.36	1.06	19.23	Stainless
ESS 2.6×30×102.5×18.5	2.6	30	102.5	18.5	204.57	122.36	1.01	19.23	Stainless
ESS 2.6×30×105×19.5	2.6	30	105	19.5	212.25	122.36	0.96	19.23	Stainless
ESS 2.6×30×107.5×20.5	2.6	30	107.5	20.5	219.92	122.36	0.92	19.23	Stainless
ESS 2.6×30×110×21.5	2.6	30	110	21.5	227.6	122.36	0.88	19.23	Stainless
ESS 2.6×30×112.5×22.5	2.6	30	112.5	22.5	235.29	122.36	0.84	19.23	Stainless
ESS 2.6×30×115×23.5	2.6	30	115	23.5	242.97	122.36	0.81	19.23	Stainless
ESS 2.6×30×117.5×24.5	2.6	30	117.5	24.5	250.65	122.36	0.77	19.23	Stainless
ESS 2.6×30×120×25.5	2.6	30	120	25.5	258.33	122.36	0.75	19.23	Stainless
ESS 2.6×30×122.5×26.5	2.6	30	122.5	26.5	266.01	122.36	0.72	19.23	Stainless
ESS 2.6×30×125×27.5	2.6	30	125	27.5	273.68	122.36	0.69	19.23	Stainless
ESS 2.6×30×127.5×28.5	2.6	30	127.5	28.5	281.38	122.36	0.67	19.23	Stainless
ESS 2.6×30×130×29.5	2.6	30	130	29.5	289.05	122.36	0.65	19.23	Stainless
ESM 2.7×30×82.5×10.5	2.7	30	82.5	10.5	139.7	158.01	2.37	22.6	Carbon

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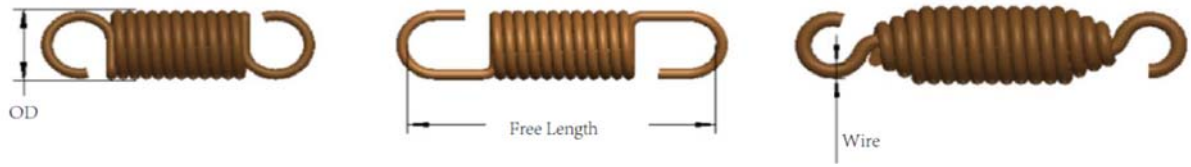
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.7×30×85×11.5	2.7	30	85	11.5	147.04	158.01	2.18	22.6	Carbon
ESM 2.7×30×87.5×12.5	2.7	30	87.5	12.5	154.38	158.01	2.02	22.6	Carbon
ESM 2.7×30×90×13.5	2.7	30	90	13.5	161.73	158.01	1.89	22.6	Carbon
ESM 2.7×30×92.5×14.5	2.7	30	92.5	14.5	169.07	158.01	1.77	22.6	Carbon
ESM 2.7×30×95×15.5	2.7	30	95	15.5	176.41	158.01	1.66	22.6	Carbon
ESM 2.7×30×97.5×16.5	2.7	30	97.5	16.5	183.76	158.01	1.57	22.6	Carbon
ESM 2.7×30×100×17.5	2.7	30	100	17.5	191.1	158.01	1.49	22.6	Carbon
ESM 2.7×30×102.5×18.5	2.7	30	102.5	18.5	198.44	158.01	1.41	22.6	Carbon
ESM 2.7×30×105×19.5	2.7	30	105	19.5	205.79	158.01	1.34	22.6	Carbon
ESM 2.7×30×107.5×20.5	2.7	30	107.5	20.5	213.14	158.01	1.28	22.6	Carbon
ESM 2.7×30×110×21.5	2.7	30	110	21.5	220.48	158.01	1.23	22.6	Carbon
ESM 2.7×30×112.5×22.5	2.7	30	112.5	22.5	227.82	158.01	1.17	22.6	Carbon
ESM 2.7×30×115×22.5	2.7	30	115	22.5	235.17	158.01	1.13	22.6	Carbon
ESM 2.7×30×117.5×23.5	2.7	30	117.5	23.5	242.5	158.01	1.08	22.6	Carbon
ESM 2.7×30×120×24.5	2.7	30	120	24.5	249.85	158.01	1.04	22.6	Carbon
ESM 2.7×30×122.5×25.5	2.7	30	122.5	25.5	257.19	158.01	1.01	22.6	Carbon
ESM 2.7×30×125×26.5	2.7	30	125	26.5	264.53	158.01	0.97	22.6	Carbon
ESM 2.7×30×127.5×27.5	2.7	30	127.5	27.5	271.89	158.01	0.94	22.6	Carbon
ESM 2.7×30×130×28.5	2.7	30	130	28.5	279.22	158.01	0.91	22.6	Carbon
ESS 2.7×30×82.5×10.5	2.7	30	82.5	10.5	137.76	136.35	2.06	22.6	Stainless
ESS 2.7×30×85×11.5	2.7	30	85	11.5	144.94	136.35	1.9	22.6	Stainless
ESS 2.7×30×87.5×12.5	2.7	30	87.5	12.5	152.12	136.35	1.76	22.6	Stainless
ESS 2.7×30×90×13.5	2.7	30	90	13.5	159.29	136.35	1.64	22.6	Stainless
ESS 2.7×30×92.5×14.5	2.7	30	92.5	14.5	166.48	136.35	1.54	22.6	Stainless
ESS 2.7×30×95×15.5	2.7	30	95	15.5	173.66	136.35	1.45	22.6	Stainless
ESS 2.7×30×97.5×16.5	2.7	30	97.5	16.5	180.83	136.35	1.37	22.6	Stainless
ESS 2.7×30×100×17.5	2.7	30	100	17.5	188.02	136.35	1.29	22.6	Stainless
ESS 2.7×30×102.5×18.5	2.7	30	102.5	18.5	195.19	136.35	1.23	22.6	Stainless
ESS 2.7×30×105×19.5	2.7	30	105	19.5	202.37	136.35	1.17	22.6	Stainless
ESS 2.7×30×107.5×20.5	2.7	30	107.5	20.5	209.56	136.35	1.11	22.6	Stainless
ESS 2.7×30×110×21.5	2.7	30	110	21.5	216.73	136.35	1.07	22.6	Stainless
ESS 2.7×30×112.5×22.5	2.7	30	112.5	22.5	223.91	136.35	1.02	22.6	Stainless
ESS 2.7×30×115×22.5	2.7	30	115	22.5	231.08	136.35	0.98	22.6	Stainless
ESS 2.7×30×117.5×23.5	2.7	30	117.5	23.5	238.27	136.35	0.94	22.6	Stainless
ESS 2.7×30×120×24.5	2.7	30	120	24.5	245.44	136.35	0.91	22.6	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

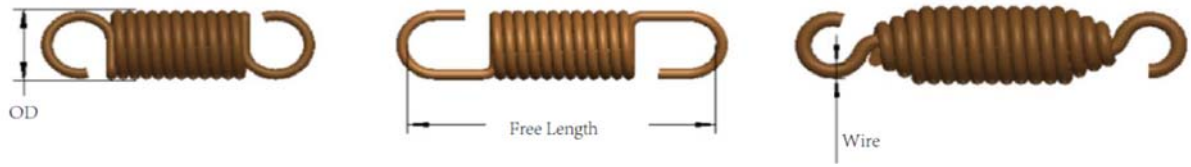






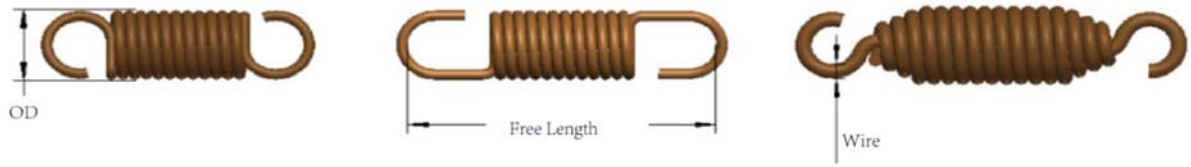
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×30×122.5×25.5	2.7	30	122.5	25.5	252.64	136.35	0.87	22.6	Stainless
ESS 2.7×30×125×26.5	2.7	30	125	26.5	259.81	136.35	0.84	22.6	Stainless
ESS 2.7×30×127.5×27.5	2.7	30	127.5	27.5	266.99	136.35	0.82	22.6	Stainless
ESS 2.7×30×130×28.5	2.7	30	130	28.5	274.17	136.35	0.79	22.6	Stainless
ESM 2.8×30×82.5×10.5	2.8	30	82.5	10.5	134.92	175.56	2.85	26.38	Carbon
ESM 2.8×30×85×11.5	2.8	30	85	11.5	141.82	175.56	2.63	26.38	Carbon
ESM 2.8×30×87.5×12.5	2.8	30	87.5	12.5	148.72	175.56	2.44	26.38	Carbon
ESM 2.8×30×90×13.5	2.8	30	90	13.5	155.62	175.56	2.27	26.38	Carbon
ESM 2.8×30×92.5×14.5	2.8	30	92.5	14.5	162.52	175.56	2.13	26.38	Carbon
ESM 2.8×30×95×15.5	2.8	30	95	15.5	169.42	175.56	2	26.38	Carbon
ESM 2.8×30×97.5×15.5	2.8	30	97.5	15.5	176.32	175.56	1.89	26.38	Carbon
ESM 2.8×30×100×16.5	2.8	30	100	16.5	183.23	175.56	1.79	26.38	Carbon
ESM 2.8×30×102.5×17.5	2.8	30	102.5	17.5	190.13	175.56	1.7	26.38	Carbon
ESM 2.8×30×105×18.5	2.8	30	105	18.5	197.03	175.56	1.62	26.38	Carbon
ESM 2.8×30×107.5×19.5	2.8	30	107.5	19.5	203.93	175.56	1.55	26.38	Carbon
ESM 2.8×30×110×20.5	2.8	30	110	20.5	210.83	175.56	1.48	26.38	Carbon
ESM 2.8×30×112.5×21.5	2.8	30	112.5	21.5	217.73	175.56	1.42	26.38	Carbon
ESM 2.8×30×115×22.5	2.8	30	115	22.5	224.63	175.56	1.36	26.38	Carbon
ESM 2.8×30×117.5×23.5	2.8	30	117.5	23.5	231.53	175.56	1.31	26.38	Carbon
ESM 2.8×30×120×24.5	2.8	30	120	24.5	238.43	175.56	1.26	26.38	Carbon
ESM 2.8×30×122.5×24.5	2.8	30	122.5	24.5	245.33	175.56	1.21	26.38	Carbon
ESM 2.8×30×125×25.5	2.8	30	125	25.5	252.23	175.56	1.17	26.38	Carbon
ESM 2.8×30×127.5×26.5	2.8	30	127.5	26.5	259.14	175.56	1.13	26.38	Carbon
ESM 2.8×30×130×27.5	2.8	30	130	27.5	266.03	175.56	1.1	26.38	Carbon
ESS 2.8×30×82.5×10.5	2.8	30	82.5	10.5	132.99	151.32	2.47	26.38	Stainless
ESS 2.8×30×85×11.5	2.8	30	85	11.5	139.73	151.32	2.28	26.38	Stainless
ESS 2.8×30×87.5×12.5	2.8	30	87.5	12.5	146.47	151.32	2.12	26.38	Stainless
ESS 2.8×30×90×13.5	2.8	30	90	13.5	153.21	151.32	1.98	26.38	Stainless
ESS 2.8×30×92.5×14.5	2.8	30	92.5	14.5	159.94	151.32	1.85	26.38	Stainless
ESS 2.8×30×95×15.5	2.8	30	95	15.5	166.68	151.32	1.74	26.38	Stainless
ESS 2.8×30×97.5×15.5	2.8	30	97.5	15.5	173.42	151.32	1.65	26.38	Stainless
ESS 2.8×30×100×16.5	2.8	30	100	16.5	180.16	151.32	1.56	26.38	Stainless
ESS 2.8×30×102.5×17.5	2.8	30	102.5	17.5	186.9	151.32	1.48	26.38	Stainless
ESS 2.8×30×105×18.5	2.8	30	105	18.5	193.64	151.32	1.41	26.38	Stainless
ESS 2.8×30×107.5×19.5	2.8	30	107.5	19.5	200.37	151.32	1.35	26.38	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



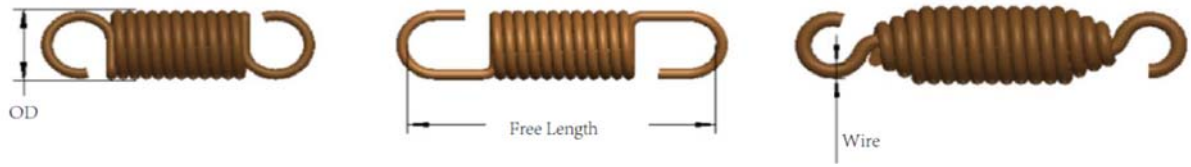
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×30×110×20.5	2.8	30	110	20.5	207.11	151.32	1.29	26.38	Stainless
ESS 2.8×30×112.5×21.5	2.8	30	112.5	21.5	213.85	151.32	1.23	26.38	Stainless
ESS 2.8×30×115×22.5	2.8	30	115	22.5	220.59	151.32	1.18	26.38	Stainless
ESS 2.8×30×117.5×23.5	2.8	30	117.5	23.5	227.33	151.32	1.14	26.38	Stainless
ESS 2.8×30×120×24.5	2.8	30	120	24.5	234.06	151.32	1.1	26.38	Stainless
ESS 2.8×30×122.5×24.5	2.8	30	122.5	24.5	240.81	151.32	1.06	26.38	Stainless
ESS 2.8×30×125×25.5	2.8	30	125	25.5	247.54	151.32	1.02	26.38	Stainless
ESS 2.8×30×127.5×26.5	2.8	30	127.5	26.5	254.28	151.32	0.99	26.38	Stainless
ESS 2.8×30×130×27.5	2.8	30	130	27.5	261.02	151.32	0.95	26.38	Stainless
ESM 2.9×30×82.5×10.5	2.9	30	82.5	10.5	130.45	193.58	3.4	30.58	Carbon
ESM 2.9×30×85×11.5	2.9	30	85	11.5	136.94	193.58	3.14	30.58	Carbon
ESM 2.9×30×87.5×12.5	2.9	30	87.5	12.5	143.43	193.58	2.91	30.58	Carbon
ESM 2.9×30×90×12.5	2.9	30	90	12.5	149.92	193.58	2.72	30.58	Carbon
ESM 2.9×30×92.5×13.5	2.9	30	92.5	13.5	156.41	193.58	2.55	30.58	Carbon
ESM 2.9×30×95×14.5	2.9	30	95	14.5	162.9	193.58	2.4	30.58	Carbon
ESM 2.9×30×97.5×15.5	2.9	30	97.5	15.5	169.39	193.58	2.27	30.58	Carbon
ESM 2.9×30×100×16.5	2.9	30	100	16.5	175.88	193.58	2.15	30.58	Carbon
ESM 2.9×30×102.5×17.5	2.9	30	102.5	17.5	182.37	193.58	2.04	30.58	Carbon
ESM 2.9×30×105×18.5	2.9	30	105	18.5	188.86	193.58	1.94	30.58	Carbon
ESM 2.9×30×107.5×18.5	2.9	30	107.5	18.5	195.35	193.58	1.86	30.58	Carbon
ESM 2.9×30×110×19.5	2.9	30	110	19.5	201.84	193.58	1.77	30.58	Carbon
ESM 2.9×30×112.5×20.5	2.9	30	112.5	20.5	208.33	193.58	1.7	30.58	Carbon
ESM 2.9×30×115×21.5	2.9	30	115	21.5	214.82	193.58	1.63	30.58	Carbon
ESM 2.9×30×117.5×22.5	2.9	30	117.5	22.5	221.31	193.58	1.57	30.58	Carbon
ESM 2.9×30×120×23.5	2.9	30	120	23.5	227.8	193.58	1.51	30.58	Carbon
ESM 2.9×30×122.5×24.5	2.9	30	122.5	24.5	234.29	193.58	1.46	30.58	Carbon
ESM 2.9×30×125×25.5	2.9	30	125	25.5	240.78	193.58	1.41	30.58	Carbon
ESM 2.9×30×127.5×25.5	2.9	30	127.5	25.5	247.26	193.58	1.36	30.58	Carbon
ESM 2.9×30×130×26.5	2.9	30	130	26.5	253.76	193.58	1.32	30.58	Carbon
ESS 2.9×30×82.5×10.5	2.9	30	82.5	10.5	128.74	167.28	2.96	30.58	Stainless
ESS 2.9×30×85×11.5	2.9	30	85	11.5	135.09	167.28	2.73	30.58	Stainless
ESS 2.9×30×87.5×12.5	2.9	30	87.5	12.5	141.44	167.28	2.53	30.58	Stainless
ESS 2.9×30×90×12.5	2.9	30	90	12.5	147.79	167.28	2.37	30.58	Stainless
ESS 2.9×30×92.5×13.5	2.9	30	92.5	13.5	154.14	167.28	2.22	30.58	Stainless
ESS 2.9×30×95×14.5	2.9	30	95	14.5	160.48	167.28	2.09	30.58	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.9×30×97.5×15.5	2.9	30	97.5	15.5	166.83	167.28	1.97	30.58	Stainless
ESS 2.9×30×100×16.5	2.9	30	100	16.5	173.18	167.28	1.87	30.58	Stainless
ESS 2.9×30×102.5×17.5	2.9	30	102.5	17.5	179.53	167.28	1.77	30.58	Stainless
ESS 2.9×30×105×18.5	2.9	30	105	18.5	185.87	167.28	1.69	30.58	Stainless
ESS 2.9×30×107.5×18.5	2.9	30	107.5	18.5	192.22	167.28	1.61	30.58	Stainless
ESS 2.9×30×110×19.5	2.9	30	110	19.5	198.57	167.28	1.54	30.58	Stainless
ESS 2.9×30×112.5×20.5	2.9	30	112.5	20.5	204.92	167.28	1.48	30.58	Stainless
ESS 2.9×30×115×21.5	2.9	30	115	21.5	211.27	167.28	1.42	30.58	Stainless
ESS 2.9×30×117.5×22.5	2.9	30	117.5	22.5	217.62	167.28	1.37	30.58	Stainless
ESS 2.9×30×120×23.5	2.9	30	120	23.5	223.96	167.28	1.31	30.58	Stainless
ESS 2.9×30×122.5×24.5	2.9	30	122.5	24.5	230.32	167.28	1.27	30.58	Stainless
ESS 2.9×30×125×25.5	2.9	30	125	25.5	236.67	167.28	1.22	30.58	Stainless
ESS 2.9×30×127.5×25.5	2.9	30	127.5	25.5	243.01	167.28	1.18	30.58	Stainless
ESS 2.9×30×130×26.5	2.9	30	130	26.5	249.36	167.28	1.15	30.58	Stainless
ESM 3×30×85×10.5	3	30	85	10.5	132.79	213.47	3.73	35.23	Carbon
ESM 3×30×87.5×11.5	3	30	87.5	11.5	138.93	213.47	3.47	35.23	Carbon
ESM 3×30×90×12.5	3	30	90	12.5	145.07	213.47	3.24	35.23	Carbon
ESM 3×30×92.5×13.5	3	30	92.5	13.5	151.21	213.47	3.04	35.23	Carbon
ESM 3×30×95×14.5	3	30	95	14.5	157.36	213.47	2.86	35.23	Carbon
ESM 3×30×97.5×15.5	3	30	97.5	15.5	163.5	213.47	2.7	35.23	Carbon
ESM 3×30×100×15.5	3	30	100	15.5	169.64	213.47	2.56	35.23	Carbon
ESM 3×30×102.5×16.5	3	30	102.5	16.5	175.78	213.47	2.43	35.23	Carbon
ESM 3×30×105×17.5	3	30	105	17.5	181.92	213.47	2.32	35.23	Carbon
ESM 3×30×107.5×18.5	3	30	107.5	18.5	188.07	213.47	2.21	35.23	Carbon
ESM 3×30×110×19.5	3	30	110	19.5	194.21	213.47	2.12	35.23	Carbon
ESM 3×30×112.5×20.5	3	30	112.5	20.5	200.35	213.47	2.03	35.23	Carbon
ESM 3×30×115×20.5	3	30	115	20.5	206.5	213.47	1.95	35.23	Carbon
ESM 3×30×117.5×21.5	3	30	117.5	21.5	212.64	213.47	1.87	35.23	Carbon
ESM 3×30×120×22.5	3	30	120	22.5	218.78	213.47	1.8	35.23	Carbon
ESM 3×30×122.5×23.5	3	30	122.5	23.5	224.92	213.47	1.74	35.23	Carbon
ESM 3×30×125×24.5	3	30	125	24.5	231.06	213.47	1.68	35.23	Carbon
ESM 3×30×127.5×25.5	3	30	127.5	25.5	237.21	213.47	1.62	35.23	Carbon
ESM 3×30×130×25.5	3	30	130	25.5	243.35	213.47	1.57	35.23	Carbon
ESM 3×30×132.5×26.5	3	30	132.5	26.5	249.49	213.47	1.52	35.23	Carbon
ESS 3×30×85×10.5	3	30	85	10.5	130.95	184.25	3.24	35.23	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3×30×87.5×11.5	3	30	87.5	11.5	136.95	184.25	3.01	35.23	Stainless
ESS 3×30×90×12.5	3	30	90	12.5	142.95	184.25	2.81	35.23	Stainless
ESS 3×30×92.5×13.5	3	30	92.5	13.5	148.95	184.25	2.64	35.23	Stainless
ESS 3×30×95×14.5	3	30	95	14.5	154.95	184.25	2.49	35.23	Stainless
ESS 3×30×97.5×15.5	3	30	97.5	15.5	160.96	184.25	2.35	35.23	Stainless
ESS 3×30×100×15.5	3	30	100	15.5	166.96	184.25	2.23	35.23	Stainless
ESS 3×30×102.5×16.5	3	30	102.5	16.5	172.96	184.25	2.12	35.23	Stainless
ESS 3×30×105×17.5	3	30	105	17.5	178.96	184.25	2.01	35.23	Stainless
ESS 3×30×107.5×18.5	3	30	107.5	18.5	184.96	184.25	1.92	35.23	Stainless
ESS 3×30×110×19.5	3	30	110	19.5	190.96	184.25	1.84	35.23	Stainless
ESS 3×30×112.5×20.5	3	30	112.5	20.5	196.97	184.25	1.76	35.23	Stainless
ESS 3×30×115×20.5	3	30	115	20.5	202.97	184.25	1.69	35.23	Stainless
ESS 3×30×117.5×21.5	3	30	117.5	21.5	208.97	184.25	1.63	35.23	Stainless
ESS 3×30×120×22.5	3	30	120	22.5	214.97	184.25	1.57	35.23	Stainless
ESS 3×30×122.5×23.5	3	30	122.5	23.5	220.97	184.25	1.51	35.23	Stainless
ESS 3×30×125×24.5	3	30	125	24.5	226.98	184.25	1.46	35.23	Stainless
ESS 3×30×127.5×25.5	3	30	127.5	25.5	232.98	184.25	1.41	35.23	Stainless
ESS 3×30×130×25.5	3	30	130	25.5	238.98	184.25	1.37	35.23	Stainless
ESS 3×30×132.5×26.5	3	30	132.5	26.5	244.99	184.25	1.32	35.23	Stainless
ESM 2.1×31×85×13.5	2.1	31	85	13.5	194.01	73.87	0.61	6.85	Carbon
ESM 2.1×31×87.5×14.5	2.1	31	87.5	14.5	206.1	73.87	0.57	6.85	Carbon
ESM 2.1×31×90×15.5	2.1	31	90	15.5	218.17	73.87	0.52	6.85	Carbon
ESM 2.1×31×92.5×17.5	2.1	31	92.5	17.5	230.26	73.87	0.49	6.85	Carbon
ESM 2.1×31×95×18.5	2.1	31	95	18.5	242.33	73.87	0.45	6.85	Carbon
ESM 2.1×31×97.5×19.5	2.1	31	97.5	19.5	254.39	73.87	0.43	6.85	Carbon
ESM 2.1×31×100×20.5	2.1	31	100	20.5	266.47	73.87	0.4	6.85	Carbon
ESM 2.1×31×102.5×21.5	2.1	31	102.5	21.5	278.55	73.87	0.38	6.85	Carbon
ESM 2.1×31×105×23.5	2.1	31	105	23.5	290.66	73.87	0.36	6.85	Carbon
ESM 2.1×31×107.5×24.5	2.1	31	107.5	24.5	302.73	73.87	0.34	6.85	Carbon
ESM 2.1×31×110×25.5	2.1	31	110	25.5	314.77	73.87	0.33	6.85	Carbon
ESM 2.1×31×112.5×26.5	2.1	31	112.5	26.5	326.83	73.87	0.31	6.85	Carbon
ESM 2.1×31×115×27.5	2.1	31	115	27.5	338.93	73.87	0.3	6.85	Carbon
ESM 2.1×31×117.5×29.5	2.1	31	117.5	29.5	351.03	73.87	0.29	6.85	Carbon
ESM 2.1×31×120×30.5	2.1	31	120	30.5	363.1	73.87	0.28	6.85	Carbon
ESM 2.1×31×122.5×31.5	2.1	31	122.5	31.5	375.13	73.87	0.27	6.85	Carbon

M: Carbon Steel;
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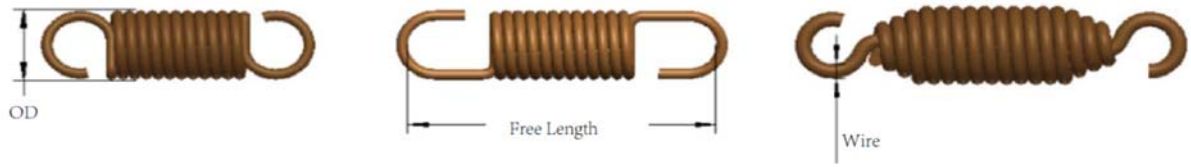
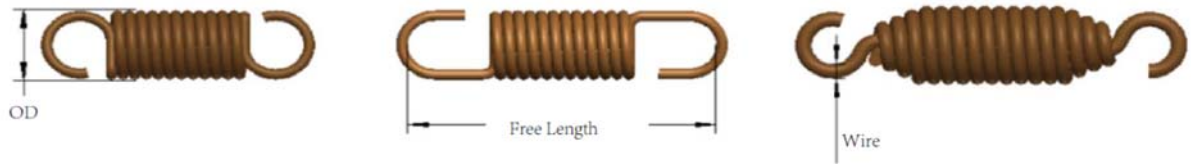
OD:Outer Diameter
Max Length - Max Load



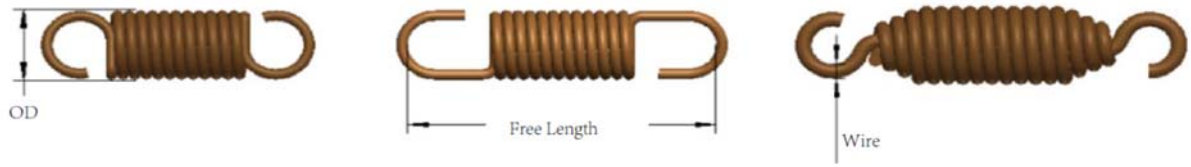
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.1×31×125×32.5	2.1	31	125	32.5	387.22	73.87	0.26	6.85	Carbon
ESM 2.1×31×127.5×33.5	2.1	31	127.5	33.5	399.29	73.87	0.25	6.85	Carbon
ESM 2.1×31×130×34.5	2.1	31	130	34.5	411.37	73.87	0.24	6.85	Carbon
ESM 2.1×31×132.5×36.5	2.1	31	132.5	36.5	423.52	73.87	0.23	6.85	Carbon
ESS 2.1×31×85×13.5	2.1	31	85	13.5	196.03	63.73	0.51	6.85	Stainless
ESS 2.1×31×87.5×14.5	2.1	31	87.5	14.5	208.29	63.73	0.47	6.85	Stainless
ESS 2.1×31×90×15.5	2.1	31	90	15.5	220.51	63.73	0.44	6.85	Stainless
ESS 2.1×31×92.5×17.5	2.1	31	92.5	17.5	232.77	63.73	0.41	6.85	Stainless
ESS 2.1×31×95×18.5	2.1	31	95	18.5	245.03	63.73	0.38	6.85	Stainless
ESS 2.1×31×97.5×19.5	2.1	31	97.5	19.5	257.27	63.73	0.36	6.85	Stainless
ESS 2.1×31×100×20.5	2.1	31	100	20.5	269.53	63.73	0.34	6.85	Stainless
ESS 2.1×31×102.5×21.5	2.1	31	102.5	21.5	281.81	63.73	0.32	6.85	Stainless
ESS 2.1×31×105×23.5	2.1	31	105	23.5	294.03	63.73	0.3	6.85	Stainless
ESS 2.1×31×107.5×24.5	2.1	31	107.5	24.5	306.31	63.73	0.29	6.85	Stainless
ESS 2.1×31×110×25.5	2.1	31	110	25.5	318.57	63.73	0.27	6.85	Stainless
ESS 2.1×31×112.5×26.5	2.1	31	112.5	26.5	330.84	63.73	0.26	6.85	Stainless
ESS 2.1×31×115×27.5	2.1	31	115	27.5	343.06	63.73	0.25	6.85	Stainless
ESS 2.1×31×117.5×29.5	2.1	31	117.5	29.5	355.29	63.73	0.24	6.85	Stainless
ESS 2.1×31×120×30.5	2.1	31	120	30.5	367.51	63.73	0.23	6.85	Stainless
ESS 2.1×31×122.5×31.5	2.1	31	122.5	31.5	379.87	63.73	0.22	6.85	Stainless
ESS 2.1×31×125×32.5	2.1	31	125	32.5	392.03	63.73	0.21	6.85	Stainless
ESS 2.1×31×127.5×33.5	2.1	31	127.5	33.5	404.28	63.73	0.21	6.85	Stainless
ESS 2.1×31×130×34.5	2.1	31	130	34.5	416.54	63.73	0.2	6.85	Stainless
ESS 2.1×31×132.5×36.5	2.1	31	132.5	36.5	428.9	63.73	0.19	6.85	Stainless
ESM 2.2×31×85×13.5	2.2	31	85	13.5	182.64	84.33	0.78	8.48	Carbon
ESM 2.2×31×87.5×14.5	2.2	31	87.5	14.5	193.64	84.33	0.71	8.48	Carbon
ESM 2.2×31×90×15.5	2.2	31	90	15.5	204.65	84.33	0.66	8.48	Carbon
ESM 2.2×31×92.5×16.5	2.2	31	92.5	16.5	215.65	84.33	0.62	8.48	Carbon
ESM 2.2×31×95×17.5	2.2	31	95	17.5	226.64	84.33	0.58	8.48	Carbon
ESM 2.2×31×97.5×18.5	2.2	31	97.5	18.5	237.65	84.33	0.54	8.48	Carbon
ESM 2.2×31×100×19.5	2.2	31	100	19.5	248.64	84.33	0.51	8.48	Carbon
ESM 2.2×31×102.5×21.5	2.2	31	102.5	21.5	259.64	84.33	0.48	8.48	Carbon
ESM 2.2×31×105×22.5	2.2	31	105	22.5	270.65	84.33	0.46	8.48	Carbon
ESM 2.2×31×107.5×23.5	2.2	31	107.5	23.5	281.63	84.33	0.44	8.48	Carbon
ESM 2.2×31×110×24.5	2.2	31	110	24.5	292.64	84.33	0.42	8.48	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



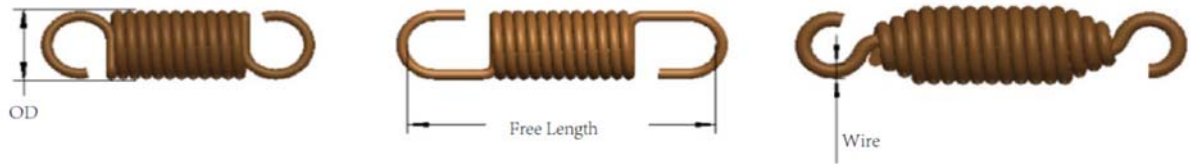
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×31×112.5×25.5	2.2	31	112.5	25.5	303.65	84.33	0.4	8.48	Carbon
ESM 2.2×31×115×26.5	2.2	31	115	26.5	314.66	84.33	0.38	8.48	Carbon
ESM 2.2×31×117.5×27.5	2.2	31	117.5	27.5	325.65	84.33	0.36	8.48	Carbon
ESM 2.2×31×120×28.5	2.2	31	120	28.5	336.65	84.33	0.35	8.48	Carbon
ESM 2.2×31×122.5×30.5	2.2	31	122.5	30.5	347.64	84.33	0.34	8.48	Carbon
ESM 2.2×31×125×31.5	2.2	31	125	31.5	358.67	84.33	0.32	8.48	Carbon
ESM 2.2×31×127.5×32.5	2.2	31	127.5	32.5	369.68	84.33	0.31	8.48	Carbon
ESM 2.2×31×130×33.5	2.2	31	130	33.5	380.66	84.33	0.3	8.48	Carbon
ESM 2.2×31×132.5×34.5	2.2	31	132.5	34.5	391.64	84.33	0.29	8.48	Carbon
ESS 2.2×31×85×13.5	2.2	31	85	13.5	184.56	72.92	0.65	8.48	Stainless
ESS 2.2×31×87.5×14.5	2.2	31	87.5	14.5	195.72	72.92	0.6	8.48	Stainless
ESS 2.2×31×90×15.5	2.2	31	90	15.5	206.9	72.92	0.55	8.48	Stainless
ESS 2.2×31×92.5×16.5	2.2	31	92.5	16.5	218.05	72.92	0.51	8.48	Stainless
ESS 2.2×31×95×17.5	2.2	31	95	17.5	229.24	72.92	0.48	8.48	Stainless
ESS 2.2×31×97.5×18.5	2.2	31	97.5	18.5	240.4	72.92	0.45	8.48	Stainless
ESS 2.2×31×100×19.5	2.2	31	100	19.5	251.57	72.92	0.43	8.48	Stainless
ESS 2.2×31×102.5×21.5	2.2	31	102.5	21.5	262.73	72.92	0.4	8.48	Stainless
ESS 2.2×31×105×22.5	2.2	31	105	22.5	273.88	72.92	0.38	8.48	Stainless
ESS 2.2×31×107.5×23.5	2.2	31	107.5	23.5	285.04	72.92	0.36	8.48	Stainless
ESS 2.2×31×110×24.5	2.2	31	110	24.5	296.21	72.92	0.35	8.48	Stainless
ESS 2.2×31×112.5×25.5	2.2	31	112.5	25.5	307.38	72.92	0.33	8.48	Stainless
ESS 2.2×31×115×26.5	2.2	31	115	26.5	318.56	72.92	0.32	8.48	Stainless
ESS 2.2×31×117.5×27.5	2.2	31	117.5	27.5	329.7	72.92	0.3	8.48	Stainless
ESS 2.2×31×120×28.5	2.2	31	120	28.5	340.86	72.92	0.29	8.48	Stainless
ESS 2.2×31×122.5×30.5	2.2	31	122.5	30.5	352.09	72.92	0.28	8.48	Stainless
ESS 2.2×31×125×31.5	2.2	31	125	31.5	363.25	72.92	0.27	8.48	Stainless
ESS 2.2×31×127.5×32.5	2.2	31	127.5	32.5	374.42	72.92	0.26	8.48	Stainless
ESS 2.2×31×130×33.5	2.2	31	130	33.5	385.54	72.92	0.25	8.48	Stainless
ESS 2.2×31×132.5×34.5	2.2	31	132.5	34.5	396.73	72.92	0.24	8.48	Stainless
ESM 2.3×31×85×12.5	2.3	31	85	12.5	173.15	96	0.97	10.37	Carbon
ESM 2.3×31×87.5×13.5	2.3	31	87.5	13.5	183.26	96	0.89	10.37	Carbon
ESM 2.3×31×90×14.5	2.3	31	90	14.5	193.37	96	0.83	10.37	Carbon
ESM 2.3×31×92.5×15.5	2.3	31	92.5	15.5	203.46	96	0.77	10.37	Carbon
ESM 2.3×31×95×16.5	2.3	31	95	16.5	213.56	96	0.72	10.37	Carbon
ESM 2.3×31×97.5×18.5	2.3	31	97.5	18.5	223.68	96	0.68	10.37	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×31×100×19.5	2.3	31	100	19.5	233.77	96	0.64	10.37	Carbon
ESM 2.3×31×102.5×20.5	2.3	31	102.5	20.5	243.89	96	0.61	10.37	Carbon
ESM 2.3×31×105×21.5	2.3	31	105	21.5	253.99	96	0.57	10.37	Carbon
ESM 2.3×31×107.5×22.5	2.3	31	107.5	22.5	264.09	96	0.55	10.37	Carbon
ESM 2.3×31×110×23.5	2.3	31	110	23.5	274.18	96	0.52	10.37	Carbon
ESM 2.3×31×112.5×24.5	2.3	31	112.5	24.5	284.29	96	0.5	10.37	Carbon
ESM 2.3×31×115×25.5	2.3	31	115	25.5	294.42	96	0.48	10.37	Carbon
ESM 2.3×31×117.5×26.5	2.3	31	117.5	26.5	304.52	96	0.46	10.37	Carbon
ESM 2.3×31×120×27.5	2.3	31	120	27.5	314.63	96	0.44	10.37	Carbon
ESM 2.3×31×122.5×28.5	2.3	31	122.5	28.5	324.72	96	0.42	10.37	Carbon
ESM 2.3×31×125×29.5	2.3	31	125	29.5	334.85	96	0.41	10.37	Carbon
ESM 2.3×31×127.5×31.5	2.3	31	127.5	31.5	344.91	96	0.39	10.37	Carbon
ESM 2.3×31×130×32.5	2.3	31	130	32.5	355.01	96	0.38	10.37	Carbon
ESM 2.3×31×132.5×33.5	2.3	31	132.5	33.5	365.15	96	0.37	10.37	Carbon
ESS 2.3×31×85×12.5	2.3	31	85	12.5	174.63	82.93	0.81	10.37	Stainless
ESS 2.3×31×87.5×13.5	2.3	31	87.5	13.5	184.86	82.93	0.75	10.37	Stainless
ESS 2.3×31×90×14.5	2.3	31	90	14.5	195.09	82.93	0.69	10.37	Stainless
ESS 2.3×31×92.5×15.5	2.3	31	92.5	15.5	205.33	82.93	0.64	10.37	Stainless
ESS 2.3×31×95×16.5	2.3	31	95	16.5	215.56	82.93	0.6	10.37	Stainless
ESS 2.3×31×97.5×18.5	2.3	31	97.5	18.5	225.79	82.93	0.57	10.37	Stainless
ESS 2.3×31×100×19.5	2.3	31	100	19.5	236.01	82.93	0.53	10.37	Stainless
ESS 2.3×31×102.5×20.5	2.3	31	102.5	20.5	246.25	82.93	0.5	10.37	Stainless
ESS 2.3×31×105×21.5	2.3	31	105	21.5	256.49	82.93	0.48	10.37	Stainless
ESS 2.3×31×107.5×22.5	2.3	31	107.5	22.5	266.73	82.93	0.46	10.37	Stainless
ESS 2.3×31×110×23.5	2.3	31	110	23.5	276.96	82.93	0.43	10.37	Stainless
ESS 2.3×31×112.5×24.5	2.3	31	112.5	24.5	287.18	82.93	0.42	10.37	Stainless
ESS 2.3×31×115×25.5	2.3	31	115	25.5	297.41	82.93	0.4	10.37	Stainless
ESS 2.3×31×117.5×26.5	2.3	31	117.5	26.5	307.65	82.93	0.38	10.37	Stainless
ESS 2.3×31×120×27.5	2.3	31	120	27.5	317.88	82.93	0.37	10.37	Stainless
ESS 2.3×31×122.5×28.5	2.3	31	122.5	28.5	328.12	82.93	0.35	10.37	Stainless
ESS 2.3×31×125×29.5	2.3	31	125	29.5	338.36	82.93	0.34	10.37	Stainless
ESS 2.3×31×127.5×31.5	2.3	31	127.5	31.5	348.59	82.93	0.33	10.37	Stainless
ESS 2.3×31×130×32.5	2.3	31	130	32.5	358.83	82.93	0.32	10.37	Stainless
ESS 2.3×31×132.5×33.5	2.3	31	132.5	33.5	369.01	82.93	0.31	10.37	Stainless
ESM 2.4×31×85×12.5	2.4	31	85	12.5	164.87	108.68	1.2	12.54	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×31×87.5×13.5	2.4	31	87.5	13.5	174.2	108.68	1.11	12.54	Carbon
ESM 2.4×31×90×14.5	2.4	31	90	14.5	183.53	108.68	1.03	12.54	Carbon
ESM 2.4×31×92.5×15.5	2.4	31	92.5	15.5	192.85	108.68	0.96	12.54	Carbon
ESM 2.4×31×95×16.5	2.4	31	95	16.5	202.18	108.68	0.9	12.54	Carbon
ESM 2.4×31×97.5×17.5	2.4	31	97.5	17.5	211.52	108.68	0.84	12.54	Carbon
ESM 2.4×31×100×18.5	2.4	31	100	18.5	220.84	108.68	0.8	12.54	Carbon
ESM 2.4×31×102.5×19.5	2.4	31	102.5	19.5	230.17	108.68	0.75	12.54	Carbon
ESM 2.4×31×105×20.5	2.4	31	105	20.5	239.5	108.68	0.71	12.54	Carbon
ESM 2.4×31×107.5×21.5	2.4	31	107.5	21.5	248.82	108.68	0.68	12.54	Carbon
ESM 2.4×31×110×22.5	2.4	31	110	22.5	258.16	108.68	0.65	12.54	Carbon
ESM 2.4×31×112.5×23.5	2.4	31	112.5	23.5	267.49	108.68	0.62	12.54	Carbon
ESM 2.4×31×115×24.5	2.4	31	115	24.5	276.82	108.68	0.59	12.54	Carbon
ESM 2.4×31×117.5×25.5	2.4	31	117.5	25.5	286.14	108.68	0.57	12.54	Carbon
ESM 2.4×31×120×26.5	2.4	31	120	26.5	295.47	108.68	0.55	12.54	Carbon
ESM 2.4×31×122.5×27.5	2.4	31	122.5	27.5	304.79	108.68	0.53	12.54	Carbon
ESM 2.4×31×125×28.5	2.4	31	125	28.5	314.14	108.68	0.51	12.54	Carbon
ESM 2.4×31×127.5×29.5	2.4	31	127.5	29.5	323.46	108.68	0.49	12.54	Carbon
ESM 2.4×31×130×30.5	2.4	31	130	30.5	332.78	108.68	0.47	12.54	Carbon
ESM 2.4×31×132.5×31.5	2.4	31	132.5	31.5	342.14	108.68	0.46	12.54	Carbon
ESS 2.4×31×85×12.5	2.4	31	85	12.5	165.98	93.77	1	12.54	Stainless
ESS 2.4×31×87.5×13.5	2.4	31	87.5	13.5	175.4	93.77	0.92	12.54	Stainless
ESS 2.4×31×90×14.5	2.4	31	90	14.5	184.83	93.77	0.86	12.54	Stainless
ESS 2.4×31×92.5×15.5	2.4	31	92.5	15.5	194.25	93.77	0.8	12.54	Stainless
ESS 2.4×31×95×16.5	2.4	31	95	16.5	203.67	93.77	0.75	12.54	Stainless
ESS 2.4×31×97.5×17.5	2.4	31	97.5	17.5	213.1	93.77	0.7	12.54	Stainless
ESS 2.4×31×100×18.5	2.4	31	100	18.5	222.52	93.77	0.66	12.54	Stainless
ESS 2.4×31×102.5×19.5	2.4	31	102.5	19.5	231.95	93.77	0.63	12.54	Stainless
ESS 2.4×31×105×20.5	2.4	31	105	20.5	241.36	93.77	0.6	12.54	Stainless
ESS 2.4×31×107.5×21.5	2.4	31	107.5	21.5	250.79	93.77	0.57	12.54	Stainless
ESS 2.4×31×110×22.5	2.4	31	110	22.5	260.2	93.77	0.54	12.54	Stainless
ESS 2.4×31×112.5×23.5	2.4	31	112.5	23.5	269.65	93.77	0.52	12.54	Stainless
ESS 2.4×31×115×24.5	2.4	31	115	24.5	279.07	93.77	0.5	12.54	Stainless
ESS 2.4×31×117.5×25.5	2.4	31	117.5	25.5	288.48	93.77	0.48	12.54	Stainless
ESS 2.4×31×120×26.5	2.4	31	120	26.5	297.9	93.77	0.46	12.54	Stainless
ESS 2.4×31×122.5×27.5	2.4	31	122.5	27.5	307.32	93.77	0.44	12.54	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×31×125×28.5	2.4	31	125	28.5	316.76	93.77	0.42	12.54	Stainless
ESS 2.4×31×127.5×29.5	2.4	31	127.5	29.5	326.2	93.77	0.41	12.54	Stainless
ESS 2.4×31×130×30.5	2.4	31	130	30.5	335.59	93.77	0.4	12.54	Stainless
ESS 2.4×31×132.5×31.5	2.4	31	132.5	31.5	345.03	93.77	0.38	12.54	Stainless
ESM 2.5×31×85×11.5	2.5	31	85	11.5	157.61	122.38	1.48	15.01	Carbon
ESM 2.5×31×87.5×12.5	2.5	31	87.5	12.5	166.26	122.38	1.36	15.01	Carbon
ESM 2.5×31×90×13.5	2.5	31	90	13.5	174.91	122.38	1.26	15.01	Carbon
ESM 2.5×31×92.5×14.5	2.5	31	92.5	14.5	183.56	122.38	1.18	15.01	Carbon
ESM 2.5×31×95×15.5	2.5	31	95	15.5	192.21	122.38	1.1	15.01	Carbon
ESM 2.5×31×97.5×16.5	2.5	31	97.5	16.5	200.87	122.38	1.04	15.01	Carbon
ESM 2.5×31×100×17.5	2.5	31	100	17.5	209.52	122.38	0.98	15.01	Carbon
ESM 2.5×31×102.5×18.5	2.5	31	102.5	18.5	218.18	122.38	0.93	15.01	Carbon
ESM 2.5×31×105×19.5	2.5	31	105	19.5	226.82	122.38	0.88	15.01	Carbon
ESM 2.5×31×107.5×20.5	2.5	31	107.5	20.5	235.48	122.38	0.84	15.01	Carbon
ESM 2.5×31×110×21.5	2.5	31	110	21.5	244.14	122.38	0.8	15.01	Carbon
ESM 2.5×31×112.5×22.5	2.5	31	112.5	22.5	252.79	122.38	0.77	15.01	Carbon
ESM 2.5×31×115×23.5	2.5	31	115	23.5	261.45	122.38	0.73	15.01	Carbon
ESM 2.5×31×117.5×24.5	2.5	31	117.5	24.5	270.09	122.38	0.7	15.01	Carbon
ESM 2.5×31×120×25.5	2.5	31	120	25.5	278.75	122.38	0.68	15.01	Carbon
ESM 2.5×31×122.5×26.5	2.5	31	122.5	26.5	287.4	122.38	0.65	15.01	Carbon
ESM 2.5×31×125×27.5	2.5	31	125	27.5	296.04	122.38	0.63	15.01	Carbon
ESM 2.5×31×127.5×28.5	2.5	31	127.5	28.5	304.7	122.38	0.61	15.01	Carbon
ESM 2.5×31×130×29.5	2.5	31	130	29.5	313.37	122.38	0.59	15.01	Carbon
ESM 2.5×31×132.5×30.5	2.5	31	132.5	30.5	322.02	122.38	0.57	15.01	Carbon
ESS 2.5×31×85×11.5	2.5	31	85	11.5	158.4	105.47	1.23	15.01	Stainless
ESS 2.5×31×87.5×12.5	2.5	31	87.5	12.5	167.12	105.47	1.14	15.01	Stainless
ESS 2.5×31×90×13.5	2.5	31	90	13.5	175.84	105.47	1.05	15.01	Stainless
ESS 2.5×31×92.5×14.5	2.5	31	92.5	14.5	184.56	105.47	0.98	15.01	Stainless
ESS 2.5×31×95×15.5	2.5	31	95	15.5	193.29	105.47	0.92	15.01	Stainless
ESS 2.5×31×97.5×16.5	2.5	31	97.5	16.5	202.01	105.47	0.87	15.01	Stainless
ESS 2.5×31×100×17.5	2.5	31	100	17.5	210.73	105.47	0.82	15.01	Stainless
ESS 2.5×31×102.5×18.5	2.5	31	102.5	18.5	219.46	105.47	0.77	15.01	Stainless
ESS 2.5×31×105×19.5	2.5	31	105	19.5	228.17	105.47	0.73	15.01	Stainless
ESS 2.5×31×107.5×20.5	2.5	31	107.5	20.5	236.89	105.47	0.7	15.01	Stainless
ESS 2.5×31×110×21.5	2.5	31	110	21.5	245.61	105.47	0.67	15.01	Stainless

M: Carbon Steel;
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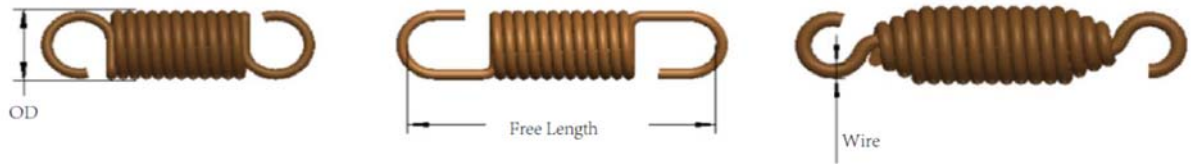
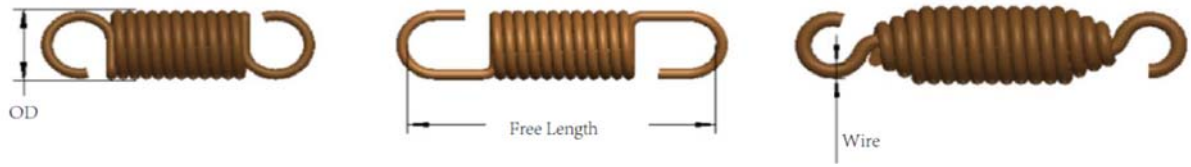
Max Length - Max Load



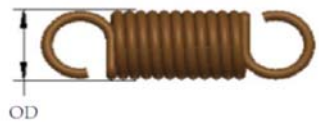
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×31×112.5×22.5	2.5	31	112.5	22.5	254.32	105.47	0.64	15.01	Stainless
ESS 2.5×31×115×23.5	2.5	31	115	23.5	263.04	105.47	0.61	15.01	Stainless
ESS 2.5×31×117.5×24.5	2.5	31	117.5	24.5	271.78	105.47	0.59	15.01	Stainless
ESS 2.5×31×120×25.5	2.5	31	120	25.5	280.49	105.47	0.56	15.01	Stainless
ESS 2.5×31×122.5×26.5	2.5	31	122.5	26.5	289.2	105.47	0.54	15.01	Stainless
ESS 2.5×31×125×27.5	2.5	31	125	27.5	297.95	105.47	0.52	15.01	Stainless
ESS 2.5×31×127.5×28.5	2.5	31	127.5	28.5	306.65	105.47	0.5	15.01	Stainless
ESS 2.5×31×130×29.5	2.5	31	130	29.5	315.39	105.47	0.49	15.01	Stainless
ESS 2.5×31×132.5×30.5	2.5	31	132.5	30.5	324.1	105.47	0.47	15.01	Stainless
ESM 2.6×31×85×11.5	2.6	31	85	11.5	153.79	136.63	1.73	17.82	Carbon
ESM 2.6×31×87.5×12.5	2.6	31	87.5	12.5	162.07	136.63	1.59	17.82	Carbon
ESM 2.6×31×90×13.5	2.6	31	90	13.5	170.35	136.63	1.48	17.82	Carbon
ESM 2.6×31×92.5×14.5	2.6	31	92.5	14.5	178.63	136.63	1.38	17.82	Carbon
ESM 2.6×31×95×15.5	2.6	31	95	15.5	186.91	136.63	1.29	17.82	Carbon
ESM 2.6×31×97.5×16.5	2.6	31	97.5	16.5	195.19	136.63	1.22	17.82	Carbon
ESM 2.6×31×100×17.5	2.6	31	100	17.5	203.46	136.63	1.15	17.82	Carbon
ESM 2.6×31×102.5×18.5	2.6	31	102.5	18.5	211.75	136.63	1.09	17.82	Carbon
ESM 2.6×31×105×19.5	2.6	31	105	19.5	220.02	136.63	1.03	17.82	Carbon
ESM 2.6×31×107.5×20.5	2.6	31	107.5	20.5	228.3	136.63	0.98	17.82	Carbon
ESM 2.6×31×110×21.5	2.6	31	110	21.5	236.58	136.63	0.94	17.82	Carbon
ESM 2.6×31×112.5×22.5	2.6	31	112.5	22.5	244.86	136.63	0.9	17.82	Carbon
ESM 2.6×31×115×22.5	2.6	31	115	22.5	253.14	136.63	0.86	17.82	Carbon
ESM 2.6×31×117.5×23.5	2.6	31	117.5	23.5	261.42	136.63	0.83	17.82	Carbon
ESM 2.6×31×120×24.5	2.6	31	120	24.5	269.7	136.63	0.79	17.82	Carbon
ESM 2.6×31×122.5×25.5	2.6	31	122.5	25.5	277.98	136.63	0.76	17.82	Carbon
ESM 2.6×31×125×26.5	2.6	31	125	26.5	286.26	136.63	0.74	17.82	Carbon
ESM 2.6×31×127.5×27.5	2.6	31	127.5	27.5	294.54	136.63	0.71	17.82	Carbon
ESM 2.6×31×130×28.5	2.6	31	130	28.5	302.82	136.63	0.69	17.82	Carbon
ESM 2.6×31×132.5×29.5	2.6	31	132.5	29.5	311.09	136.63	0.67	17.82	Carbon
ESS 2.6×31×85×11.5	2.6	31	85	11.5	151.74	118.05	1.5	17.82	Stainless
ESS 2.6×31×87.5×12.5	2.6	31	87.5	12.5	159.84	118.05	1.39	17.82	Stainless
ESS 2.6×31×90×13.5	2.6	31	90	13.5	167.95	118.05	1.29	17.82	Stainless
ESS 2.6×31×92.5×14.5	2.6	31	92.5	14.5	176.05	118.05	1.2	17.82	Stainless
ESS 2.6×31×95×15.5	2.6	31	95	15.5	184.16	118.05	1.12	17.82	Stainless
ESS 2.6×31×97.5×16.5	2.6	31	97.5	16.5	192.26	118.05	1.06	17.82	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×31×100×17.5	2.6	31	100	17.5	200.37	118.05	1	17.82	Stainless
ESS 2.6×31×102.5×18.5	2.6	31	102.5	18.5	208.47	118.05	0.95	17.82	Stainless
ESS 2.6×31×105×19.5	2.6	31	105	19.5	216.59	118.05	0.9	17.82	Stainless
ESS 2.6×31×107.5×20.5	2.6	31	107.5	20.5	224.69	118.05	0.86	17.82	Stainless
ESS 2.6×31×110×21.5	2.6	31	110	21.5	232.8	118.05	0.82	17.82	Stainless
ESS 2.6×31×112.5×22.5	2.6	31	112.5	22.5	240.9	118.05	0.78	17.82	Stainless
ESS 2.6×31×115×22.5	2.6	31	115	22.5	249.02	118.05	0.75	17.82	Stainless
ESS 2.6×31×117.5×23.5	2.6	31	117.5	23.5	257.12	118.05	0.72	17.82	Stainless
ESS 2.6×31×120×24.5	2.6	31	120	24.5	265.22	118.05	0.69	17.82	Stainless
ESS 2.6×31×122.5×25.5	2.6	31	122.5	25.5	273.34	118.05	0.66	17.82	Stainless
ESS 2.6×31×125×26.5	2.6	31	125	26.5	281.44	118.05	0.64	17.82	Stainless
ESS 2.6×31×127.5×27.5	2.6	31	127.5	27.5	289.53	118.05	0.62	17.82	Stainless
ESS 2.6×31×130×28.5	2.6	31	130	28.5	297.64	118.05	0.6	17.82	Stainless
ESS 2.6×31×132.5×29.5	2.6	31	132.5	29.5	305.76	118.05	0.58	17.82	Stainless
ESM 2.7×31×85×11.5	2.7	31	85	11.5	147.9	152.42	2.09	20.97	Carbon
ESM 2.7×31×87.5×12.5	2.7	31	87.5	12.5	155.64	152.42	1.93	20.97	Carbon
ESM 2.7×31×90×12.5	2.7	31	90	12.5	163.38	152.42	1.79	20.97	Carbon
ESM 2.7×31×92.5×13.5	2.7	31	92.5	13.5	171.11	152.42	1.67	20.97	Carbon
ESM 2.7×31×95×14.5	2.7	31	95	14.5	178.86	152.42	1.57	20.97	Carbon
ESM 2.7×31×97.5×15.5	2.7	31	97.5	15.5	186.59	152.42	1.48	20.97	Carbon
ESM 2.7×31×100×16.5	2.7	31	100	16.5	194.33	152.42	1.39	20.97	Carbon
ESM 2.7×31×102.5×17.5	2.7	31	102.5	17.5	202.07	152.42	1.32	20.97	Carbon
ESM 2.7×31×105×18.5	2.7	31	105	18.5	209.81	152.42	1.25	20.97	Carbon
ESM 2.7×31×107.5×19.5	2.7	31	107.5	19.5	217.55	152.42	1.19	20.97	Carbon
ESM 2.7×31×110×20.5	2.7	31	110	20.5	225.29	152.42	1.14	20.97	Carbon
ESM 2.7×31×112.5×21.5	2.7	31	112.5	21.5	233.02	152.42	1.09	20.97	Carbon
ESM 2.7×31×115×22.5	2.7	31	115	22.5	240.75	152.42	1.05	20.97	Carbon
ESM 2.7×31×117.5×23.5	2.7	31	117.5	23.5	248.49	152.42	1	20.97	Carbon
ESM 2.7×31×120×24.5	2.7	31	120	24.5	256.23	152.42	0.96	20.97	Carbon
ESM 2.7×31×122.5×25.5	2.7	31	122.5	25.5	263.97	152.42	0.93	20.97	Carbon
ESM 2.7×31×125×25.5	2.7	31	125	25.5	271.71	152.42	0.9	20.97	Carbon
ESM 2.7×31×127.5×26.5	2.7	31	127.5	26.5	279.45	152.42	0.87	20.97	Carbon
ESM 2.7×31×130×27.5	2.7	31	130	27.5	287.18	152.42	0.84	20.97	Carbon
ESM 2.7×31×132.5×28.5	2.7	31	132.5	28.5	294.93	152.42	0.81	20.97	Carbon
ESS 2.7×31×85×11.5	2.7	31	85	11.5	145.84	131.54	1.82	20.97	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×31×87.5×12.5	2.7	31	87.5	12.5	153.41	131.54	1.68	20.97	Stainless
ESS 2.7×31×90×12.5	2.7	31	90	12.5	160.97	131.54	1.56	20.97	Stainless
ESS 2.7×31×92.5×13.5	2.7	31	92.5	13.5	168.54	131.54	1.45	20.97	Stainless
ESS 2.7×31×95×14.5	2.7	31	95	14.5	176.11	131.54	1.36	20.97	Stainless
ESS 2.7×31×97.5×15.5	2.7	31	97.5	15.5	183.68	131.54	1.28	20.97	Stainless
ESS 2.7×31×100×16.5	2.7	31	100	16.5	191.24	131.54	1.21	20.97	Stainless
ESS 2.7×31×102.5×17.5	2.7	31	102.5	17.5	198.81	131.54	1.15	20.97	Stainless
ESS 2.7×31×105×18.5	2.7	31	105	18.5	206.38	131.54	1.09	20.97	Stainless
ESS 2.7×31×107.5×19.5	2.7	31	107.5	19.5	213.94	131.54	1.04	20.97	Stainless
ESS 2.7×31×110×20.5	2.7	31	110	20.5	221.51	131.54	0.99	20.97	Stainless
ESS 2.7×31×112.5×21.5	2.7	31	112.5	21.5	229.08	131.54	0.95	20.97	Stainless
ESS 2.7×31×115×22.5	2.7	31	115	22.5	236.65	131.54	0.91	20.97	Stainless
ESS 2.7×31×117.5×23.5	2.7	31	117.5	23.5	244.21	131.54	0.87	20.97	Stainless
ESS 2.7×31×120×24.5	2.7	31	120	24.5	251.78	131.54	0.84	20.97	Stainless
ESS 2.7×31×122.5×25.5	2.7	31	122.5	25.5	259.34	131.54	0.81	20.97	Stainless
ESS 2.7×31×125×25.5	2.7	31	125	25.5	266.91	131.54	0.78	20.97	Stainless
ESS 2.7×31×127.5×26.5	2.7	31	127.5	26.5	274.47	131.54	0.75	20.97	Stainless
ESS 2.7×31×130×27.5	2.7	31	130	27.5	282.04	131.54	0.73	20.97	Stainless
ESS 2.7×31×132.5×28.5	2.7	31	132.5	28.5	289.62	131.54	0.7	20.97	Stainless
ESM 2.8×31×85×10.5	2.8	31	85	10.5	142.66	169.33	2.51	24.51	Carbon
ESM 2.8×31×87.5×11.5	2.8	31	87.5	11.5	149.93	169.33	2.32	24.51	Carbon
ESM 2.8×31×90×12.5	2.8	31	90	12.5	157.19	169.33	2.16	24.51	Carbon
ESM 2.8×31×92.5×13.5	2.8	31	92.5	13.5	164.45	169.33	2.01	24.51	Carbon
ESM 2.8×31×95×14.5	2.8	31	95	14.5	171.71	169.33	1.89	24.51	Carbon
ESM 2.8×31×97.5×15.5	2.8	31	97.5	15.5	178.97	169.33	1.78	24.51	Carbon
ESM 2.8×31×100×16.5	2.8	31	100	16.5	186.23	169.33	1.68	24.51	Carbon
ESM 2.8×31×102.5×17.5	2.8	31	102.5	17.5	193.49	169.33	1.59	24.51	Carbon
ESM 2.8×31×105×17.5	2.8	31	105	17.5	200.75	169.33	1.51	24.51	Carbon
ESM 2.8×31×107.5×18.5	2.8	31	107.5	18.5	208.01	169.33	1.44	24.51	Carbon
ESM 2.8×31×110×19.5	2.8	31	110	19.5	215.28	169.33	1.38	24.51	Carbon
ESM 2.8×31×112.5×20.5	2.8	31	112.5	20.5	222.54	169.33	1.32	24.51	Carbon
ESM 2.8×31×115×21.5	2.8	31	115	21.5	229.8	169.33	1.26	24.51	Carbon
ESM 2.8×31×117.5×22.5	2.8	31	117.5	22.5	237.05	169.33	1.21	24.51	Carbon
ESM 2.8×31×120×23.5	2.8	31	120	23.5	244.32	169.33	1.17	24.51	Carbon
ESM 2.8×31×122.5×24.5	2.8	31	122.5	24.5	251.58	169.33	1.12	24.51	Carbon

M: Carbon Steel;
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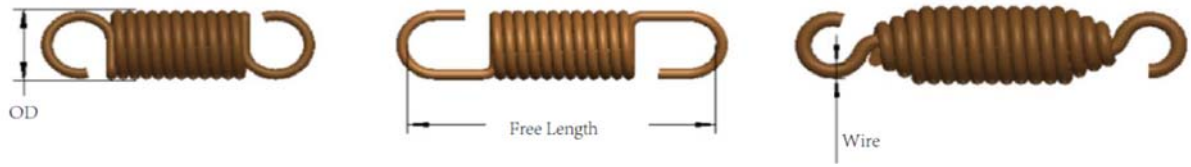
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×31×125×25.5	2.8	31	125	25.5	258.84	169.33	1.08	24.51	Carbon
ESM 2.8×31×127.5×25.5	2.8	31	127.5	25.5	266.11	169.33	1.04	24.51	Carbon
ESM 2.8×31×130×26.5	2.8	31	130	26.5	273.37	169.33	1.01	24.51	Carbon
ESM 2.8×31×132.5×27.5	2.8	31	132.5	27.5	280.62	169.33	0.98	24.51	Carbon
ESS 2.8×31×85×10.5	2.8	31	85	10.5	140.61	145.96	2.18	24.51	Stainless
ESS 2.8×31×87.5×11.5	2.8	31	87.5	11.5	147.7	145.96	2.02	24.51	Stainless
ESS 2.8×31×90×12.5	2.8	31	90	12.5	154.79	145.96	1.87	24.51	Stainless
ESS 2.8×31×92.5×13.5	2.8	31	92.5	13.5	161.88	145.96	1.75	24.51	Stainless
ESS 2.8×31×95×14.5	2.8	31	95	14.5	168.97	145.96	1.64	24.51	Stainless
ESS 2.8×31×97.5×15.5	2.8	31	97.5	15.5	176.07	145.96	1.55	24.51	Stainless
ESS 2.8×31×100×16.5	2.8	31	100	16.5	183.16	145.96	1.46	24.51	Stainless
ESS 2.8×31×102.5×17.5	2.8	31	102.5	17.5	190.25	145.96	1.38	24.51	Stainless
ESS 2.8×31×105×17.5	2.8	31	105	17.5	197.34	145.96	1.32	24.51	Stainless
ESS 2.8×31×107.5×18.5	2.8	31	107.5	18.5	204.43	145.96	1.25	24.51	Stainless
ESS 2.8×31×110×19.5	2.8	31	110	19.5	211.52	145.96	1.2	24.51	Stainless
ESS 2.8×31×112.5×20.5	2.8	31	112.5	20.5	218.62	145.96	1.14	24.51	Stainless
ESS 2.8×31×115×21.5	2.8	31	115	21.5	225.7	145.96	1.1	24.51	Stainless
ESS 2.8×31×117.5×22.5	2.8	31	117.5	22.5	232.79	145.96	1.05	24.51	Stainless
ESS 2.8×31×120×23.5	2.8	31	120	23.5	239.89	145.96	1.01	24.51	Stainless
ESS 2.8×31×122.5×24.5	2.8	31	122.5	24.5	246.97	145.96	0.98	24.51	Stainless
ESS 2.8×31×125×25.5	2.8	31	125	25.5	254.06	145.96	0.94	24.51	Stainless
ESS 2.8×31×127.5×25.5	2.8	31	127.5	25.5	261.17	145.96	0.91	24.51	Stainless
ESS 2.8×31×130×26.5	2.8	31	130	26.5	268.25	145.96	0.88	24.51	Stainless
ESS 2.8×31×132.5×27.5	2.8	31	132.5	27.5	275.35	145.96	0.85	24.51	Stainless
ESM 2.9×31×85×10.5	2.9	31	85	10.5	137.76	186.69	3	28.44	Carbon
ESM 2.9×31×87.5×11.5	2.9	31	87.5	11.5	144.58	186.69	2.77	28.44	Carbon
ESM 2.9×31×90×12.5	2.9	31	90	12.5	151.39	186.69	2.58	28.44	Carbon
ESM 2.9×31×92.5×13.5	2.9	31	92.5	13.5	158.21	186.69	2.41	28.44	Carbon
ESM 2.9×31×95×13.5	2.9	31	95	13.5	165.03	186.69	2.26	28.44	Carbon
ESM 2.9×31×97.5×14.5	2.9	31	97.5	14.5	171.85	186.69	2.13	28.44	Carbon
ESM 2.9×31×100×15.5	2.9	31	100	15.5	178.67	186.69	2.01	28.44	Carbon
ESM 2.9×31×102.5×16.5	2.9	31	102.5	16.5	185.49	186.69	1.91	28.44	Carbon
ESM 2.9×31×105×17.5	2.9	31	105	17.5	192.3	186.69	1.81	28.44	Carbon
ESM 2.9×31×107.5×18.5	2.9	31	107.5	18.5	199.13	186.69	1.73	28.44	Carbon
ESM 2.9×31×110×19.5	2.9	31	110	19.5	205.94	186.69	1.65	28.44	Carbon

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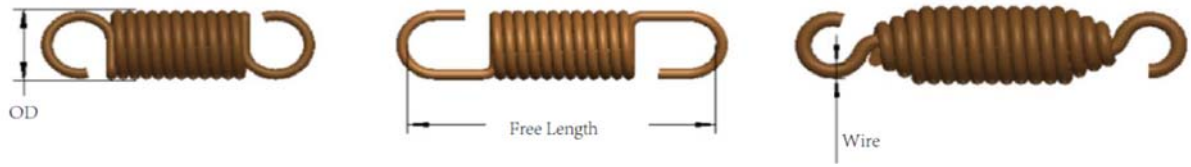
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×31×112.5×20.5	2.9	31	112.5	20.5	212.76	186.69	1.58	28.44	Carbon
ESM 2.9×31×115×20.5	2.9	31	115	20.5	219.58	186.69	1.51	28.44	Carbon
ESM 2.9×31×117.5×21.5	2.9	31	117.5	21.5	226.4	186.69	1.45	28.44	Carbon
ESM 2.9×31×120×22.5	2.9	31	120	22.5	233.22	186.69	1.4	28.44	Carbon
ESM 2.9×31×122.5×23.5	2.9	31	122.5	23.5	240.03	186.69	1.35	28.44	Carbon
ESM 2.9×31×125×24.5	2.9	31	125	24.5	246.85	186.69	1.3	28.44	Carbon
ESM 2.9×31×127.5×25.5	2.9	31	127.5	25.5	253.67	186.69	1.25	28.44	Carbon
ESM 2.9×31×130×26.5	2.9	31	130	26.5	260.49	186.69	1.21	28.44	Carbon
ESM 2.9×31×132.5×26.5	2.9	31	132.5	26.5	267.31	186.69	1.17	28.44	Carbon
ESS 2.9×31×85×10.5	2.9	31	85	10.5	135.95	161.33	2.61	28.44	Stainless
ESS 2.9×31×87.5×11.5	2.9	31	87.5	11.5	142.62	161.33	2.41	28.44	Stainless
ESS 2.9×31×90×12.5	2.9	31	90	12.5	149.29	161.33	2.24	28.44	Stainless
ESS 2.9×31×92.5×13.5	2.9	31	92.5	13.5	155.96	161.33	2.09	28.44	Stainless
ESS 2.9×31×95×13.5	2.9	31	95	13.5	162.63	161.33	1.96	28.44	Stainless
ESS 2.9×31×97.5×14.5	2.9	31	97.5	14.5	169.3	161.33	1.85	28.44	Stainless
ESS 2.9×31×100×15.5	2.9	31	100	15.5	175.97	161.33	1.75	28.44	Stainless
ESS 2.9×31×102.5×16.5	2.9	31	102.5	16.5	182.64	161.33	1.66	28.44	Stainless
ESS 2.9×31×105×17.5	2.9	31	105	17.5	189.31	161.33	1.58	28.44	Stainless
ESS 2.9×31×107.5×18.5	2.9	31	107.5	18.5	195.98	161.33	1.5	28.44	Stainless
ESS 2.9×31×110×19.5	2.9	31	110	19.5	202.65	161.33	1.43	28.44	Stainless
ESS 2.9×31×112.5×20.5	2.9	31	112.5	20.5	209.32	161.33	1.37	28.44	Stainless
ESS 2.9×31×115×20.5	2.9	31	115	20.5	215.99	161.33	1.32	28.44	Stainless
ESS 2.9×31×117.5×21.5	2.9	31	117.5	21.5	222.67	161.33	1.26	28.44	Stainless
ESS 2.9×31×120×22.5	2.9	31	120	22.5	229.34	161.33	1.22	28.44	Stainless
ESS 2.9×31×122.5×23.5	2.9	31	122.5	23.5	236	161.33	1.17	28.44	Stainless
ESS 2.9×31×125×24.5	2.9	31	125	24.5	242.67	161.33	1.13	28.44	Stainless
ESS 2.9×31×127.5×25.5	2.9	31	127.5	25.5	249.35	161.33	1.09	28.44	Stainless
ESS 2.9×31×130×26.5	2.9	31	130	26.5	256.02	161.33	1.05	28.44	Stainless
ESS 2.9×31×132.5×26.5	2.9	31	132.5	26.5	262.69	161.33	1.02	28.44	Stainless
ESM 3×31×87.5×11.5	3	31	87.5	11.5	140.03	205.85	3.29	32.8	Carbon
ESM 3×31×90×11.5	3	31	90	11.5	146.48	205.85	3.06	32.8	Carbon
ESM 3×31×92.5×12.5	3	31	92.5	12.5	152.92	205.85	2.86	32.8	Carbon
ESM 3×31×95×13.5	3	31	95	13.5	159.36	205.85	2.69	32.8	Carbon
ESM 3×31×97.5×14.5	3	31	97.5	14.5	165.81	205.85	2.53	32.8	Carbon
ESM 3×31×100×15.5	3	31	100	15.5	172.25	205.85	2.4	32.8	Carbon

M: Carbon Steel;
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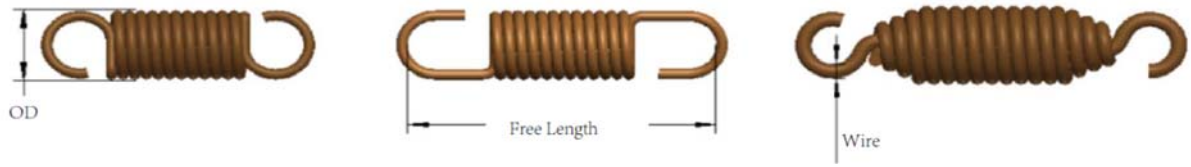
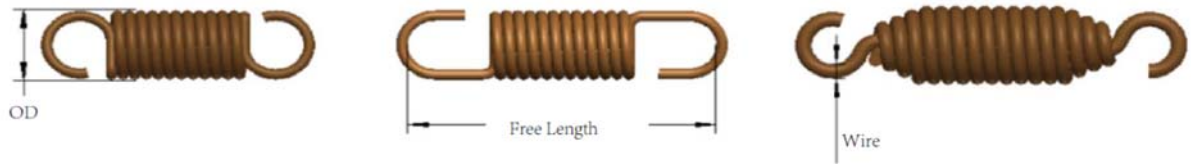
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×31×102.5×16.5	3	31	102.5	16.5	178.69	205.85	2.27	32.8	Carbon
ESM 3×31×105×16.5	3	31	105	16.5	185.14	205.85	2.16	32.8	Carbon
ESM 3×31×107.5×17.5	3	31	107.5	17.5	191.58	205.85	2.06	32.8	Carbon
ESM 3×31×110×18.5	3	31	110	18.5	198.02	205.85	1.97	32.8	Carbon
ESM 3×31×112.5×19.5	3	31	112.5	19.5	204.47	205.85	1.88	32.8	Carbon
ESM 3×31×115×20.5	3	31	115	20.5	210.91	205.85	1.8	32.8	Carbon
ESM 3×31×117.5×21.5	3	31	117.5	21.5	217.35	205.85	1.73	32.8	Carbon
ESM 3×31×120×21.5	3	31	120	21.5	223.8	205.85	1.67	32.8	Carbon
ESM 3×31×122.5×22.5	3	31	122.5	22.5	230.24	205.85	1.61	32.8	Carbon
ESM 3×31×125×23.5	3	31	125	23.5	236.69	205.85	1.55	32.8	Carbon
ESM 3×31×127.5×24.5	3	31	127.5	24.5	243.13	205.85	1.5	32.8	Carbon
ESM 3×31×130×25.5	3	31	130	25.5	249.57	205.85	1.45	32.8	Carbon
ESM 3×31×132.5×26.5	3	31	132.5	26.5	256.02	205.85	1.4	32.8	Carbon
ESM 3×31×135×26.5	3	31	135	26.5	262.46	205.85	1.36	32.8	Carbon
ESS 3×31×87.5×11.5	3	31	87.5	11.5	138.07	177.67	2.86	32.8	Stainless
ESS 3×31×90×11.5	3	31	90	11.5	144.37	177.67	2.66	32.8	Stainless
ESS 3×31×92.5×12.5	3	31	92.5	12.5	150.67	177.67	2.49	32.8	Stainless
ESS 3×31×95×13.5	3	31	95	13.5	156.97	177.67	2.34	32.8	Stainless
ESS 3×31×97.5×14.5	3	31	97.5	14.5	163.26	177.67	2.2	32.8	Stainless
ESS 3×31×100×15.5	3	31	100	15.5	169.56	177.67	2.08	32.8	Stainless
ESS 3×31×102.5×16.5	3	31	102.5	16.5	175.85	177.67	1.97	32.8	Stainless
ESS 3×31×105×16.5	3	31	105	16.5	182.15	177.67	1.88	32.8	Stainless
ESS 3×31×107.5×17.5	3	31	107.5	17.5	188.45	177.67	1.79	32.8	Stainless
ESS 3×31×110×18.5	3	31	110	18.5	194.74	177.67	1.71	32.8	Stainless
ESS 3×31×112.5×19.5	3	31	112.5	19.5	201.04	177.67	1.64	32.8	Stainless
ESS 3×31×115×20.5	3	31	115	20.5	207.34	177.67	1.57	32.8	Stainless
ESS 3×31×117.5×21.5	3	31	117.5	21.5	213.64	177.67	1.51	32.8	Stainless
ESS 3×31×120×21.5	3	31	120	21.5	219.93	177.67	1.45	32.8	Stainless
ESS 3×31×122.5×22.5	3	31	122.5	22.5	226.23	177.67	1.4	32.8	Stainless
ESS 3×31×125×23.5	3	31	125	23.5	232.52	177.67	1.35	32.8	Stainless
ESS 3×31×127.5×24.5	3	31	127.5	24.5	238.83	177.67	1.3	32.8	Stainless
ESS 3×31×130×25.5	3	31	130	25.5	245.12	177.67	1.26	32.8	Stainless
ESS 3×31×132.5×26.5	3	31	132.5	26.5	251.42	177.67	1.22	32.8	Stainless
ESS 3×31×135×26.5	3	31	135	26.5	257.72	177.67	1.18	32.8	Stainless
ESM 2.2×32×87.5×13.5	2.2	32	87.5	13.5	194.42	81.5	0.69	7.81	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×32×90×14.5	2.2	32	90	14.5	206.06	81.5	0.63	7.81	Carbon
ESM 2.2×32×92.5×15.5	2.2	32	92.5	15.5	217.71	81.5	0.59	7.81	Carbon
ESM 2.2×32×95×16.5	2.2	32	95	16.5	229.37	81.5	0.55	7.81	Carbon
ESM 2.2×32×97.5×17.5	2.2	32	97.5	17.5	241	81.5	0.51	7.81	Carbon
ESM 2.2×32×100×18.5	2.2	32	100	18.5	252.65	81.5	0.48	7.81	Carbon
ESM 2.2×32×102.5×20.5	2.2	32	102.5	20.5	264.31	81.5	0.46	7.81	Carbon
ESM 2.2×32×105×21.5	2.2	32	105	21.5	275.97	81.5	0.43	7.81	Carbon
ESM 2.2×32×107.5×22.5	2.2	32	107.5	22.5	287.62	81.5	0.41	7.81	Carbon
ESM 2.2×32×110×23.5	2.2	32	110	23.5	299.23	81.5	0.39	7.81	Carbon
ESM 2.2×32×112.5×24.5	2.2	32	112.5	24.5	310.9	81.5	0.37	7.81	Carbon
ESM 2.2×32×115×25.5	2.2	32	115	25.5	322.57	81.5	0.36	7.81	Carbon
ESM 2.2×32×117.5×26.5	2.2	32	117.5	26.5	334.22	81.5	0.34	7.81	Carbon
ESM 2.2×32×120×28.5	2.2	32	120	28.5	345.82	81.5	0.33	7.81	Carbon
ESM 2.2×32×122.5×29.5	2.2	32	122.5	29.5	357.47	81.5	0.31	7.81	Carbon
ESM 2.2×32×125×30.5	2.2	32	125	30.5	369.16	81.5	0.3	7.81	Carbon
ESM 2.2×32×127.5×31.5	2.2	32	127.5	31.5	380.8	81.5	0.29	7.81	Carbon
ESM 2.2×32×130×32.5	2.2	32	130	32.5	392.42	81.5	0.28	7.81	Carbon
ESM 2.2×32×132.5×33.5	2.2	32	132.5	33.5	404.1	81.5	0.27	7.81	Carbon
ESM 2.2×32×135×34.5	2.2	32	135	34.5	415.71	81.5	0.26	7.81	Carbon
ESS 2.2×32×87.5×13.5	2.2	32	87.5	13.5	196.62	70.48	0.57	7.81	Stainless
ESS 2.2×32×90×14.5	2.2	32	90	14.5	208.46	70.48	0.53	7.81	Stainless
ESS 2.2×32×92.5×15.5	2.2	32	92.5	15.5	220.28	70.48	0.49	7.81	Stainless
ESS 2.2×32×95×16.5	2.2	32	95	16.5	232.12	70.48	0.46	7.81	Stainless
ESS 2.2×32×97.5×17.5	2.2	32	97.5	17.5	243.95	70.48	0.43	7.81	Stainless
ESS 2.2×32×100×18.5	2.2	32	100	18.5	255.81	70.48	0.4	7.81	Stainless
ESS 2.2×32×102.5×20.5	2.2	32	102.5	20.5	267.63	70.48	0.38	7.81	Stainless
ESS 2.2×32×105×21.5	2.2	32	105	21.5	279.46	70.48	0.36	7.81	Stainless
ESS 2.2×32×107.5×22.5	2.2	32	107.5	22.5	291.32	70.48	0.34	7.81	Stainless
ESS 2.2×32×110×23.5	2.2	32	110	23.5	303.11	70.48	0.32	7.81	Stainless
ESS 2.2×32×112.5×24.5	2.2	32	112.5	24.5	314.97	70.48	0.31	7.81	Stainless
ESS 2.2×32×115×25.5	2.2	32	115	25.5	326.78	70.48	0.3	7.81	Stainless
ESS 2.2×32×117.5×26.5	2.2	32	117.5	26.5	338.62	70.48	0.28	7.81	Stainless
ESS 2.2×32×120×28.5	2.2	32	120	28.5	350.47	70.48	0.27	7.81	Stainless
ESS 2.2×32×122.5×29.5	2.2	32	122.5	29.5	362.32	70.48	0.26	7.81	Stainless
ESS 2.2×32×125×30.5	2.2	32	125	30.5	374.17	70.48	0.25	7.81	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.2×32×127.5×31.5	2.2	32	127.5	31.5	386.02	70.48	0.24	7.81	Stainless
ESS 2.2×32×130×32.5	2.2	32	130	32.5	397.8	70.48	0.23	7.81	Stainless
ESS 2.2×32×132.5×33.5	2.2	32	132.5	33.5	409.66	70.48	0.23	7.81	Stainless
ESS 2.2×32×135×34.5	2.2	32	135	34.5	421.54	70.48	0.22	7.81	Stainless
ESM 2.3×32×87.5×12.5	2.3	32	87.5	12.5	184.04	92.77	0.86	9.57	Carbon
ESM 2.3×32×90×13.5	2.3	32	90	13.5	194.74	92.77	0.79	9.57	Carbon
ESM 2.3×32×92.5×14.5	2.3	32	92.5	14.5	205.42	92.77	0.74	9.57	Carbon
ESM 2.3×32×95×16.5	2.3	32	95	16.5	216.11	92.77	0.69	9.57	Carbon
ESM 2.3×32×97.5×17.5	2.3	32	97.5	17.5	226.8	92.77	0.64	9.57	Carbon
ESM 2.3×32×100×18.5	2.3	32	100	18.5	237.48	92.77	0.61	9.57	Carbon
ESM 2.3×32×102.5×19.5	2.3	32	102.5	19.5	248.19	92.77	0.57	9.57	Carbon
ESM 2.3×32×105×20.5	2.3	32	105	20.5	258.85	92.77	0.54	9.57	Carbon
ESM 2.3×32×107.5×21.5	2.3	32	107.5	21.5	269.56	92.77	0.51	9.57	Carbon
ESM 2.3×32×110×22.5	2.3	32	110	22.5	280.25	92.77	0.49	9.57	Carbon
ESM 2.3×32×112.5×23.5	2.3	32	112.5	23.5	290.93	92.77	0.47	9.57	Carbon
ESM 2.3×32×115×24.5	2.3	32	115	24.5	301.59	92.77	0.45	9.57	Carbon
ESM 2.3×32×117.5×25.5	2.3	32	117.5	25.5	312.31	92.77	0.43	9.57	Carbon
ESM 2.3×32×120×26.5	2.3	32	120	26.5	322.98	92.77	0.41	9.57	Carbon
ESM 2.3×32×122.5×28.5	2.3	32	122.5	28.5	333.67	92.77	0.39	9.57	Carbon
ESM 2.3×32×125×29.5	2.3	32	125	29.5	344.36	92.77	0.38	9.57	Carbon
ESM 2.3×32×127.5×30.5	2.3	32	127.5	30.5	355.08	92.77	0.37	9.57	Carbon
ESM 2.3×32×130×31.5	2.3	32	130	31.5	365.77	92.77	0.35	9.57	Carbon
ESM 2.3×32×132.5×32.5	2.3	32	132.5	32.5	376.42	92.77	0.34	9.57	Carbon
ESM 2.3×32×135×33.5	2.3	32	135	33.5	387.13	92.77	0.33	9.57	Carbon
ESS 2.3×32×87.5×12.5	2.3	32	87.5	12.5	185.77	80.14	0.72	9.57	Stainless
ESS 2.3×32×90×13.5	2.3	32	90	13.5	196.6	80.14	0.66	9.57	Stainless
ESS 2.3×32×92.5×14.5	2.3	32	92.5	14.5	207.43	80.14	0.61	9.57	Stainless
ESS 2.3×32×95×16.5	2.3	32	95	16.5	218.26	80.14	0.57	9.57	Stainless
ESS 2.3×32×97.5×17.5	2.3	32	97.5	17.5	229.1	80.14	0.54	9.57	Stainless
ESS 2.3×32×100×18.5	2.3	32	100	18.5	239.93	80.14	0.5	9.57	Stainless
ESS 2.3×32×102.5×19.5	2.3	32	102.5	19.5	250.75	80.14	0.48	9.57	Stainless
ESS 2.3×32×105×20.5	2.3	32	105	20.5	261.61	80.14	0.45	9.57	Stainless
ESS 2.3×32×107.5×21.5	2.3	32	107.5	21.5	272.41	80.14	0.43	9.57	Stainless
ESS 2.3×32×110×22.5	2.3	32	110	22.5	283.25	80.14	0.41	9.57	Stainless
ESS 2.3×32×112.5×23.5	2.3	32	112.5	23.5	294.09	80.14	0.39	9.57	Stainless

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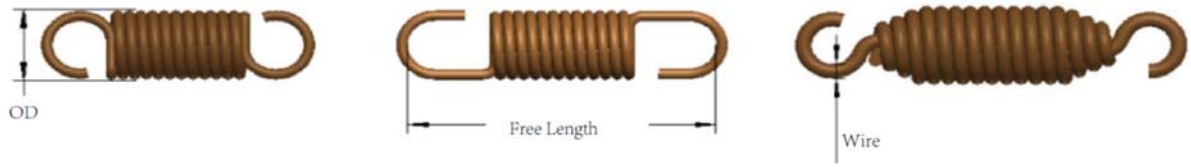
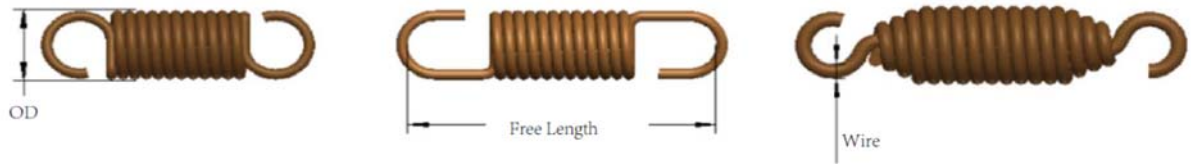


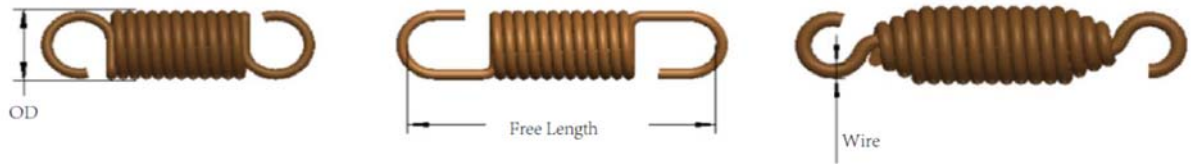
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.3×32×115×24.5	2.3	32	115	24.5	304.95	80.14	0.37	9.57	Stainless
ESS 2.3×32×117.5×25.5	2.3	32	117.5	25.5	315.78	80.14	0.36	9.57	Stainless
ESS 2.3×32×120×26.5	2.3	32	120	26.5	326.58	80.14	0.34	9.57	Stainless
ESS 2.3×32×122.5×28.5	2.3	32	122.5	28.5	337.44	80.14	0.33	9.57	Stainless
ESS 2.3×32×125×29.5	2.3	32	125	29.5	348.24	80.14	0.32	9.57	Stainless
ESS 2.3×32×127.5×30.5	2.3	32	127.5	30.5	359.09	80.14	0.3	9.57	Stainless
ESS 2.3×32×130×31.5	2.3	32	130	31.5	369.94	80.14	0.29	9.57	Stainless
ESS 2.3×32×132.5×32.5	2.3	32	132.5	32.5	380.8	80.14	0.28	9.57	Stainless
ESS 2.3×32×135×33.5	2.3	32	135	33.5	391.6	80.14	0.28	9.57	Stainless
ESM 2.4×32×87.5×12.5	2.4	32	87.5	12.5	175	105	1.07	11.59	Carbon
ESM 2.4×32×90×13.5	2.4	32	90	13.5	184.85	105	0.98	11.59	Carbon
ESM 2.4×32×92.5×14.5	2.4	32	92.5	14.5	194.71	105	0.91	11.59	Carbon
ESM 2.4×32×95×15.5	2.4	32	95	15.5	204.57	105	0.85	11.59	Carbon
ESM 2.4×32×97.5×16.5	2.4	32	97.5	16.5	214.42	105	0.8	11.59	Carbon
ESM 2.4×32×100×17.5	2.4	32	100	17.5	224.28	105	0.75	11.59	Carbon
ESM 2.4×32×102.5×18.5	2.4	32	102.5	18.5	234.14	105	0.71	11.59	Carbon
ESM 2.4×32×105×19.5	2.4	32	105	19.5	243.98	105	0.67	11.59	Carbon
ESM 2.4×32×107.5×20.5	2.4	32	107.5	20.5	253.84	105	0.64	11.59	Carbon
ESM 2.4×32×110×21.5	2.4	32	110	21.5	263.71	105	0.61	11.59	Carbon
ESM 2.4×32×112.5×22.5	2.4	32	112.5	22.5	273.55	105	0.58	11.59	Carbon
ESM 2.4×32×115×23.5	2.4	32	115	23.5	283.4	105	0.55	11.59	Carbon
ESM 2.4×32×117.5×24.5	2.4	32	117.5	24.5	293.28	105	0.53	11.59	Carbon
ESM 2.4×32×120×25.5	2.4	32	120	25.5	303.12	105	0.51	11.59	Carbon
ESM 2.4×32×122.5×26.5	2.4	32	122.5	26.5	312.98	105	0.49	11.59	Carbon
ESM 2.4×32×125×28.5	2.4	32	125	28.5	322.82	105	0.47	11.59	Carbon
ESM 2.4×32×127.5×29.5	2.4	32	127.5	29.5	332.71	105	0.46	11.59	Carbon
ESM 2.4×32×130×30.5	2.4	32	130	30.5	342.54	105	0.44	11.59	Carbon
ESM 2.4×32×132.5×31.5	2.4	32	132.5	31.5	352.39	105	0.42	11.59	Carbon
ESM 2.4×32×135×32.5	2.4	32	135	32.5	362.28	105	0.41	11.59	Carbon
ESS 2.4×32×87.5×12.5	2.4	32	87.5	12.5	176.31	90.6	0.89	11.59	Stainless
ESS 2.4×32×90×13.5	2.4	32	90	13.5	186.28	90.6	0.82	11.59	Stainless
ESS 2.4×32×92.5×14.5	2.4	32	92.5	14.5	196.24	90.6	0.76	11.59	Stainless
ESS 2.4×32×95×15.5	2.4	32	95	15.5	206.2	90.6	0.71	11.59	Stainless
ESS 2.4×32×97.5×16.5	2.4	32	97.5	16.5	216.16	90.6	0.67	11.59	Stainless
ESS 2.4×32×100×17.5	2.4	32	100	17.5	226.13	90.6	0.63	11.59	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



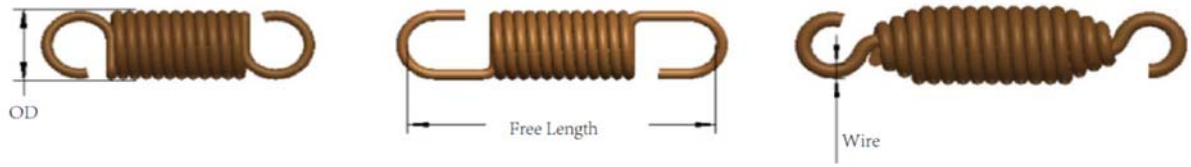
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×32×102.5×18.5	2.4	32	102.5	18.5	236.09	90.6	0.59	11.59	Stainless
ESS 2.4×32×105×19.5	2.4	32	105	19.5	246.06	90.6	0.56	11.59	Stainless
ESS 2.4×32×107.5×20.5	2.4	32	107.5	20.5	256.03	90.6	0.53	11.59	Stainless
ESS 2.4×32×110×21.5	2.4	32	110	21.5	265.98	90.6	0.51	11.59	Stainless
ESS 2.4×32×112.5×22.5	2.4	32	112.5	22.5	275.97	90.6	0.48	11.59	Stainless
ESS 2.4×32×115×23.5	2.4	32	115	23.5	285.93	90.6	0.46	11.59	Stainless
ESS 2.4×32×117.5×24.5	2.4	32	117.5	24.5	295.88	90.6	0.44	11.59	Stainless
ESS 2.4×32×120×25.5	2.4	32	120	25.5	305.85	90.6	0.43	11.59	Stainless
ESS 2.4×32×122.5×26.5	2.4	32	122.5	26.5	315.81	90.6	0.41	11.59	Stainless
ESS 2.4×32×125×28.5	2.4	32	125	28.5	325.78	90.6	0.39	11.59	Stainless
ESS 2.4×32×127.5×29.5	2.4	32	127.5	29.5	335.74	90.6	0.38	11.59	Stainless
ESS 2.4×32×130×30.5	2.4	32	130	30.5	345.74	90.6	0.37	11.59	Stainless
ESS 2.4×32×132.5×31.5	2.4	32	132.5	31.5	355.68	90.6	0.35	11.59	Stainless
ESS 2.4×32×135×32.5	2.4	32	135	32.5	365.67	90.6	0.34	11.59	Stainless
ESM 2.5×32×87.5×12.5	2.5	32	87.5	12.5	167.06	118.23	1.31	13.91	Carbon
ESM 2.5×32×90×13.5	2.5	32	90	13.5	176.19	118.23	1.21	13.91	Carbon
ESM 2.5×32×92.5×14.5	2.5	32	92.5	14.5	185.32	118.23	1.12	13.91	Carbon
ESM 2.5×32×95×15.5	2.5	32	95	15.5	194.46	118.23	1.05	13.91	Carbon
ESM 2.5×32×97.5×16.5	2.5	32	97.5	16.5	203.58	118.23	0.98	13.91	Carbon
ESM 2.5×32×100×17.5	2.5	32	100	17.5	212.72	118.23	0.93	13.91	Carbon
ESM 2.5×32×102.5×18.5	2.5	32	102.5	18.5	221.85	118.23	0.87	13.91	Carbon
ESM 2.5×32×105×19.5	2.5	32	105	19.5	230.97	118.23	0.83	13.91	Carbon
ESM 2.5×32×107.5×20.5	2.5	32	107.5	20.5	240.1	118.23	0.79	13.91	Carbon
ESM 2.5×32×110×21.5	2.5	32	110	21.5	249.24	118.23	0.75	13.91	Carbon
ESM 2.5×32×112.5×22.5	2.5	32	112.5	22.5	258.36	118.23	0.72	13.91	Carbon
ESM 2.5×32×115×23.5	2.5	32	115	23.5	267.49	118.23	0.68	13.91	Carbon
ESM 2.5×32×117.5×24.5	2.5	32	117.5	24.5	276.62	118.23	0.66	13.91	Carbon
ESM 2.5×32×120×25.5	2.5	32	120	25.5	285.74	118.23	0.63	13.91	Carbon
ESM 2.5×32×122.5×26.5	2.5	32	122.5	26.5	294.87	118.23	0.61	13.91	Carbon
ESM 2.5×32×125×27.5	2.5	32	125	27.5	304.03	118.23	0.58	13.91	Carbon
ESM 2.5×32×127.5×28.5	2.5	32	127.5	28.5	313.16	118.23	0.56	13.91	Carbon
ESM 2.5×32×130×29.5	2.5	32	130	29.5	322.29	118.23	0.54	13.91	Carbon
ESM 2.5×32×132.5×30.5	2.5	32	132.5	30.5	331.39	118.23	0.52	13.91	Carbon
ESM 2.5×32×135×31.5	2.5	32	135	31.5	340.56	118.23	0.51	13.91	Carbon
ESS 2.5×32×87.5×12.5	2.5	32	87.5	12.5	168.03	101.89	1.09	13.91	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



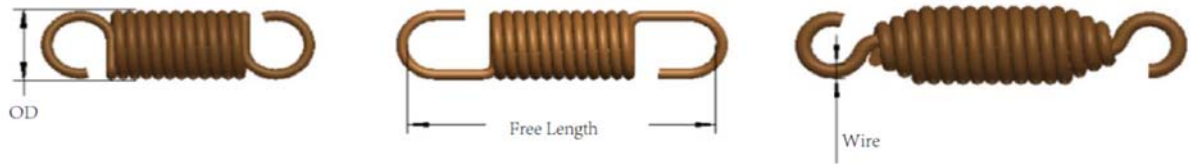
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×32×90×13.5	2.5	32	90	13.5	177.23	101.89	1.01	13.91	Stainless
ESS 2.5×32×92.5×14.5	2.5	32	92.5	14.5	186.45	101.89	0.94	13.91	Stainless
ESS 2.5×32×95×15.5	2.5	32	95	15.5	195.66	101.89	0.87	13.91	Stainless
ESS 2.5×32×97.5×16.5	2.5	32	97.5	16.5	204.86	101.89	0.82	13.91	Stainless
ESS 2.5×32×100×17.5	2.5	32	100	17.5	214.07	101.89	0.77	13.91	Stainless
ESS 2.5×32×102.5×18.5	2.5	32	102.5	18.5	223.29	101.89	0.73	13.91	Stainless
ESS 2.5×32×105×19.5	2.5	32	105	19.5	232.49	101.89	0.69	13.91	Stainless
ESS 2.5×32×107.5×20.5	2.5	32	107.5	20.5	241.7	101.89	0.66	13.91	Stainless
ESS 2.5×32×110×21.5	2.5	32	110	21.5	250.91	101.89	0.62	13.91	Stainless
ESS 2.5×32×112.5×22.5	2.5	32	112.5	22.5	260.12	101.89	0.6	13.91	Stainless
ESS 2.5×32×115×23.5	2.5	32	115	23.5	269.33	101.89	0.57	13.91	Stainless
ESS 2.5×32×117.5×24.5	2.5	32	117.5	24.5	278.55	101.89	0.55	13.91	Stainless
ESS 2.5×32×120×25.5	2.5	32	120	25.5	287.75	101.89	0.52	13.91	Stainless
ESS 2.5×32×122.5×26.5	2.5	32	122.5	26.5	296.97	101.89	0.5	13.91	Stainless
ESS 2.5×32×125×27.5	2.5	32	125	27.5	306.18	101.89	0.49	13.91	Stainless
ESS 2.5×32×127.5×28.5	2.5	32	127.5	28.5	315.38	101.89	0.47	13.91	Stainless
ESS 2.5×32×130×29.5	2.5	32	130	29.5	324.61	101.89	0.45	13.91	Stainless
ESS 2.5×32×132.5×30.5	2.5	32	132.5	30.5	333.79	101.89	0.44	13.91	Stainless
ESS 2.5×32×135×31.5	2.5	32	135	31.5	343	101.89	0.42	13.91	Stainless
ESM 2.6×32×87.5×11.5	2.6	32	87.5	11.5	162.91	131.99	1.53	16.53	Carbon
ESM 2.6×32×90×12.5	2.6	32	90	12.5	171.64	131.99	1.41	16.53	Carbon
ESM 2.6×32×92.5×13.5	2.6	32	92.5	13.5	180.37	131.99	1.31	16.53	Carbon
ESM 2.6×32×95×14.5	2.6	32	95	14.5	189.1	131.99	1.23	16.53	Carbon
ESM 2.6×32×97.5×15.5	2.6	32	97.5	15.5	197.83	131.99	1.15	16.53	Carbon
ESM 2.6×32×100×16.5	2.6	32	100	16.5	206.56	131.99	1.08	16.53	Carbon
ESM 2.6×32×102.5×17.5	2.6	32	102.5	17.5	215.28	131.99	1.02	16.53	Carbon
ESM 2.6×32×105×18.5	2.6	32	105	18.5	224.02	131.99	0.97	16.53	Carbon
ESM 2.6×32×107.5×19.5	2.6	32	107.5	19.5	232.74	131.99	0.92	16.53	Carbon
ESM 2.6×32×110×20.5	2.6	32	110	20.5	241.47	131.99	0.88	16.53	Carbon
ESM 2.6×32×112.5×21.5	2.6	32	112.5	21.5	250.21	131.99	0.84	16.53	Carbon
ESM 2.6×32×115×22.5	2.6	32	115	22.5	258.93	131.99	0.8	16.53	Carbon
ESM 2.6×32×117.5×23.5	2.6	32	117.5	23.5	267.66	131.99	0.77	16.53	Carbon
ESM 2.6×32×120×24.5	2.6	32	120	24.5	276.4	131.99	0.74	16.53	Carbon
ESM 2.6×32×122.5×25.5	2.6	32	122.5	25.5	285.12	131.99	0.71	16.53	Carbon
ESM 2.6×32×125×26.5	2.6	32	125	26.5	293.85	131.99	0.68	16.53	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×32×127.5×27.5	2.6	32	127.5	27.5	302.59	131.99	0.66	16.53	Carbon
ESM 2.6×32×130×27.5	2.6	32	130	27.5	311.31	131.99	0.64	16.53	Carbon
ESM 2.6×32×132.5×28.5	2.6	32	132.5	28.5	320.05	131.99	0.62	16.53	Carbon
ESM 2.6×32×135×29.5	2.6	32	135	29.5	328.78	131.99	0.6	16.53	Carbon
ESS 2.6×32×87.5×11.5	2.6	32	87.5	11.5	160.73	114.03	1.33	16.53	Stainless
ESS 2.6×32×90×12.5	2.6	32	90	12.5	169.28	114.03	1.23	16.53	Stainless
ESS 2.6×32×92.5×13.5	2.6	32	92.5	13.5	177.83	114.03	1.14	16.53	Stainless
ESS 2.6×32×95×14.5	2.6	32	95	14.5	186.38	114.03	1.07	16.53	Stainless
ESS 2.6×32×97.5×15.5	2.6	32	97.5	15.5	194.93	114.03	1	16.53	Stainless
ESS 2.6×32×100×16.5	2.6	32	100	16.5	203.48	114.03	0.94	16.53	Stainless
ESS 2.6×32×102.5×17.5	2.6	32	102.5	17.5	212.03	114.03	0.89	16.53	Stainless
ESS 2.6×32×105×18.5	2.6	32	105	18.5	220.58	114.03	0.84	16.53	Stainless
ESS 2.6×32×107.5×19.5	2.6	32	107.5	19.5	229.14	114.03	0.8	16.53	Stainless
ESS 2.6×32×110×20.5	2.6	32	110	20.5	237.69	114.03	0.76	16.53	Stainless
ESS 2.6×32×112.5×21.5	2.6	32	112.5	21.5	246.23	114.03	0.73	16.53	Stainless
ESS 2.6×32×115×22.5	2.6	32	115	22.5	254.79	114.03	0.7	16.53	Stainless
ESS 2.6×32×117.5×23.5	2.6	32	117.5	23.5	263.33	114.03	0.67	16.53	Stainless
ESS 2.6×32×120×24.5	2.6	32	120	24.5	271.87	114.03	0.64	16.53	Stainless
ESS 2.6×32×122.5×25.5	2.6	32	122.5	25.5	280.42	114.03	0.62	16.53	Stainless
ESS 2.6×32×125×26.5	2.6	32	125	26.5	288.98	114.03	0.59	16.53	Stainless
ESS 2.6×32×127.5×27.5	2.6	32	127.5	27.5	297.54	114.03	0.57	16.53	Stainless
ESS 2.6×32×130×27.5	2.6	32	130	27.5	306.09	114.03	0.55	16.53	Stainless
ESS 2.6×32×132.5×28.5	2.6	32	132.5	28.5	314.65	114.03	0.54	16.53	Stainless
ESS 2.6×32×135×29.5	2.6	32	135	29.5	323.19	114.03	0.52	16.53	Stainless
ESM 2.7×32×87.5×11.5	2.7	32	87.5	11.5	156.47	147.22	1.85	19.48	Carbon
ESM 2.7×32×90×12.5	2.7	32	90	12.5	164.61	147.22	1.71	19.48	Carbon
ESM 2.7×32×92.5×13.5	2.7	32	92.5	13.5	172.76	147.22	1.59	19.48	Carbon
ESM 2.7×32×95×14.5	2.7	32	95	14.5	180.91	147.22	1.49	19.48	Carbon
ESM 2.7×32×97.5×15.5	2.7	32	97.5	15.5	189.06	147.22	1.4	19.48	Carbon
ESM 2.7×32×100×15.5	2.7	32	100	15.5	197.21	147.22	1.31	19.48	Carbon
ESM 2.7×32×102.5×16.5	2.7	32	102.5	16.5	205.36	147.22	1.24	19.48	Carbon
ESM 2.7×32×105×17.5	2.7	32	105	17.5	213.51	147.22	1.18	19.48	Carbon
ESM 2.7×32×107.5×18.5	2.7	32	107.5	18.5	221.65	147.22	1.12	19.48	Carbon
ESM 2.7×32×110×19.5	2.7	32	110	19.5	229.81	147.22	1.07	19.48	Carbon
ESM 2.7×32×112.5×20.5	2.7	32	112.5	20.5	237.95	147.22	1.02	19.48	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.7×32×115×21.5	2.7	32	115	21.5	246.11	147.22	0.97	19.48	Carbon
ESM 2.7×32×117.5×22.5	2.7	32	117.5	22.5	254.25	147.22	0.93	19.48	Carbon
ESM 2.7×32×120×23.5	2.7	32	120	23.5	262.41	147.22	0.9	19.48	Carbon
ESM 2.7×32×122.5×24.5	2.7	32	122.5	24.5	270.55	147.22	0.86	19.48	Carbon
ESM 2.7×32×125×25.5	2.7	32	125	25.5	278.7	147.22	0.83	19.48	Carbon
ESM 2.7×32×127.5×26.5	2.7	32	127.5	26.5	286.85	147.22	0.8	19.48	Carbon
ESM 2.7×32×130×27.5	2.7	32	130	27.5	294.99	147.22	0.77	19.48	Carbon
ESM 2.7×32×132.5×27.5	2.7	32	132.5	27.5	303.16	147.22	0.75	19.48	Carbon
ESM 2.7×32×135×28.5	2.7	32	135	28.5	311.29	147.22	0.72	19.48	Carbon
ESS 2.7×32×87.5×11.5	2.7	32	87.5	11.5	154.28	127.05	1.61	19.48	Stainless
ESS 2.7×32×90×12.5	2.7	32	90	12.5	162.25	127.05	1.49	19.48	Stainless
ESS 2.7×32×92.5×13.5	2.7	32	92.5	13.5	170.22	127.05	1.38	19.48	Stainless
ESS 2.7×32×95×14.5	2.7	32	95	14.5	178.2	127.05	1.29	19.48	Stainless
ESS 2.7×32×97.5×15.5	2.7	32	97.5	15.5	186.17	127.05	1.21	19.48	Stainless
ESS 2.7×32×100×15.5	2.7	32	100	15.5	194.14	127.05	1.14	19.48	Stainless
ESS 2.7×32×102.5×16.5	2.7	32	102.5	16.5	202.1	127.05	1.08	19.48	Stainless
ESS 2.7×32×105×17.5	2.7	32	105	17.5	210.07	127.05	1.02	19.48	Stainless
ESS 2.7×32×107.5×18.5	2.7	32	107.5	18.5	218.05	127.05	0.97	19.48	Stainless
ESS 2.7×32×110×19.5	2.7	32	110	19.5	226.02	127.05	0.93	19.48	Stainless
ESS 2.7×32×112.5×20.5	2.7	32	112.5	20.5	233.99	127.05	0.89	19.48	Stainless
ESS 2.7×32×115×21.5	2.7	32	115	21.5	241.96	127.05	0.85	19.48	Stainless
ESS 2.7×32×117.5×22.5	2.7	32	117.5	22.5	249.93	127.05	0.81	19.48	Stainless
ESS 2.7×32×120×23.5	2.7	32	120	23.5	257.9	127.05	0.78	19.48	Stainless
ESS 2.7×32×122.5×24.5	2.7	32	122.5	24.5	265.88	127.05	0.75	19.48	Stainless
ESS 2.7×32×125×25.5	2.7	32	125	25.5	273.84	127.05	0.72	19.48	Stainless
ESS 2.7×32×127.5×26.5	2.7	32	127.5	26.5	281.8	127.05	0.7	19.48	Stainless
ESS 2.7×32×130×27.5	2.7	32	130	27.5	289.78	127.05	0.67	19.48	Stainless
ESS 2.7×32×132.5×27.5	2.7	32	132.5	27.5	297.75	127.05	0.65	19.48	Stainless
ESS 2.7×32×135×28.5	2.7	32	135	28.5	305.74	127.05	0.63	19.48	Stainless
ESM 2.8×32×87.5×10.5	2.8	32	87.5	10.5	150.74	163.54	2.23	22.8	Carbon
ESM 2.8×32×90×11.5	2.8	32	90	11.5	158.38	163.54	2.06	22.8	Carbon
ESM 2.8×32×92.5×12.5	2.8	32	92.5	12.5	166.01	163.54	1.91	22.8	Carbon
ESM 2.8×32×95×13.5	2.8	32	95	13.5	173.65	163.54	1.79	22.8	Carbon
ESM 2.8×32×97.5×14.5	2.8	32	97.5	14.5	181.28	163.54	1.68	22.8	Carbon
ESM 2.8×32×100×15.5	2.8	32	100	15.5	188.92	163.54	1.58	22.8	Carbon

M: Carbon Steel;
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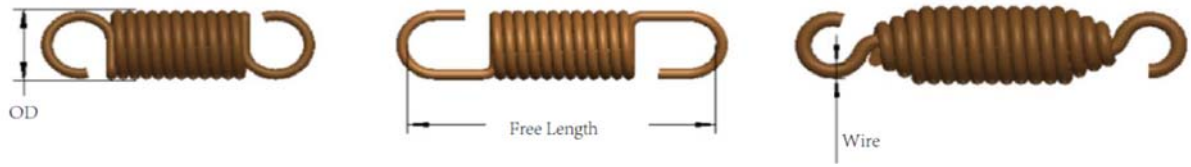
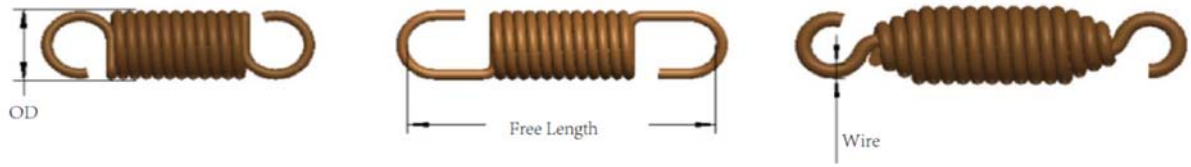
Max Length - Max Load



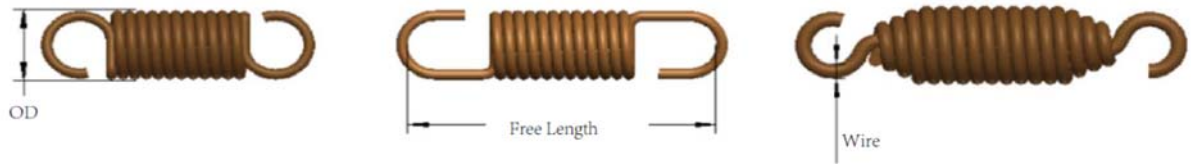
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×32×102.5×16.5	2.8	32	102.5	16.5	196.56	163.54	1.5	22.8	Carbon
ESM 2.8×32×105×17.5	2.8	32	105	17.5	204.2	163.54	1.42	22.8	Carbon
ESM 2.8×32×107.5×18.5	2.8	32	107.5	18.5	211.83	163.54	1.35	22.8	Carbon
ESM 2.8×32×110×19.5	2.8	32	110	19.5	219.47	163.54	1.29	22.8	Carbon
ESM 2.8×32×112.5×19.5	2.8	32	112.5	19.5	227.1	163.54	1.23	22.8	Carbon
ESM 2.8×32×115×20.5	2.8	32	115	20.5	234.74	163.54	1.18	22.8	Carbon
ESM 2.8×32×117.5×21.5	2.8	32	117.5	21.5	242.38	163.54	1.13	22.8	Carbon
ESM 2.8×32×120×22.5	2.8	32	120	22.5	250.01	163.54	1.08	22.8	Carbon
ESM 2.8×32×122.5×23.5	2.8	32	122.5	23.5	257.64	163.54	1.04	22.8	Carbon
ESM 2.8×32×125×24.5	2.8	32	125	24.5	265.29	163.54	1	22.8	Carbon
ESM 2.8×32×127.5×25.5	2.8	32	127.5	25.5	272.92	163.54	0.97	22.8	Carbon
ESM 2.8×32×130×26.5	2.8	32	130	26.5	280.56	163.54	0.93	22.8	Carbon
ESM 2.8×32×132.5×27.5	2.8	32	132.5	27.5	288.19	163.54	0.9	22.8	Carbon
ESM 2.8×32×135×27.5	2.8	32	135	27.5	295.83	163.54	0.88	22.8	Carbon
ESS 2.8×32×87.5×10.5	2.8	32	87.5	10.5	148.56	140.96	1.94	22.8	Stainless
ESS 2.8×32×90×11.5	2.8	32	90	11.5	156.02	140.96	1.79	22.8	Stainless
ESS 2.8×32×92.5×12.5	2.8	32	92.5	12.5	163.48	140.96	1.66	22.8	Stainless
ESS 2.8×32×95×13.5	2.8	32	95	13.5	170.93	140.96	1.56	22.8	Stainless
ESS 2.8×32×97.5×14.5	2.8	32	97.5	14.5	178.39	140.96	1.46	22.8	Stainless
ESS 2.8×32×100×15.5	2.8	32	100	15.5	185.85	140.96	1.38	22.8	Stainless
ESS 2.8×32×102.5×16.5	2.8	32	102.5	16.5	193.31	140.96	1.3	22.8	Stainless
ESS 2.8×32×105×17.5	2.8	32	105	17.5	200.77	140.96	1.23	22.8	Stainless
ESS 2.8×32×107.5×18.5	2.8	32	107.5	18.5	208.23	140.96	1.17	22.8	Stainless
ESS 2.8×32×110×19.5	2.8	32	110	19.5	215.69	140.96	1.12	22.8	Stainless
ESS 2.8×32×112.5×19.5	2.8	32	112.5	19.5	223.15	140.96	1.07	22.8	Stainless
ESS 2.8×32×115×20.5	2.8	32	115	20.5	230.61	140.96	1.02	22.8	Stainless
ESS 2.8×32×117.5×21.5	2.8	32	117.5	21.5	238.07	140.96	0.98	22.8	Stainless
ESS 2.8×32×120×22.5	2.8	32	120	22.5	245.53	140.96	0.94	22.8	Stainless
ESS 2.8×32×122.5×23.5	2.8	32	122.5	23.5	252.99	140.96	0.91	22.8	Stainless
ESS 2.8×32×125×24.5	2.8	32	125	24.5	260.44	140.96	0.87	22.8	Stainless
ESS 2.8×32×127.5×25.5	2.8	32	127.5	25.5	267.9	140.96	0.84	22.8	Stainless
ESS 2.8×32×130×26.5	2.8	32	130	26.5	275.36	140.96	0.81	22.8	Stainless
ESS 2.8×32×132.5×27.5	2.8	32	132.5	27.5	282.83	140.96	0.79	22.8	Stainless
ESS 2.8×32×135×27.5	2.8	32	135	27.5	290.29	140.96	0.76	22.8	Stainless
ESM 2.9×32×90×11.5	2.9	32	90	11.5	152.53	180.27	2.46	26.49	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×32×92.5×12.5	2.9	32	92.5	12.5	159.69	180.27	2.29	26.49	Carbon
ESM 2.9×32×95×13.5	2.9	32	95	13.5	166.86	180.27	2.14	26.49	Carbon
ESM 2.9×32×97.5×14.5	2.9	32	97.5	14.5	174.01	180.27	2.01	26.49	Carbon
ESM 2.9×32×100×15.5	2.9	32	100	15.5	181.18	180.27	1.89	26.49	Carbon
ESM 2.9×32×102.5×15.5	2.9	32	102.5	15.5	188.34	180.27	1.79	26.49	Carbon
ESM 2.9×32×105×16.5	2.9	32	105	16.5	195.5	180.27	1.7	26.49	Carbon
ESM 2.9×32×107.5×17.5	2.9	32	107.5	17.5	202.66	180.27	1.62	26.49	Carbon
ESM 2.9×32×110×18.5	2.9	32	110	18.5	209.82	180.27	1.54	26.49	Carbon
ESM 2.9×32×112.5×19.5	2.9	32	112.5	19.5	216.98	180.27	1.47	26.49	Carbon
ESM 2.9×32×115×20.5	2.9	32	115	20.5	224.15	180.27	1.41	26.49	Carbon
ESM 2.9×32×117.5×21.5	2.9	32	117.5	21.5	231.31	180.27	1.35	26.49	Carbon
ESM 2.9×32×120×21.5	2.9	32	120	21.5	238.47	180.27	1.3	26.49	Carbon
ESM 2.9×32×122.5×22.5	2.9	32	122.5	22.5	245.63	180.27	1.25	26.49	Carbon
ESM 2.9×32×125×23.5	2.9	32	125	23.5	252.79	180.27	1.2	26.49	Carbon
ESM 2.9×32×127.5×24.5	2.9	32	127.5	24.5	259.95	180.27	1.16	26.49	Carbon
ESM 2.9×32×130×25.5	2.9	32	130	25.5	267.11	180.27	1.12	26.49	Carbon
ESM 2.9×32×132.5×26.5	2.9	32	132.5	26.5	274.28	180.27	1.08	26.49	Carbon
ESM 2.9×32×135×27.5	2.9	32	135	27.5	281.44	180.27	1.05	26.49	Carbon
ESM 2.9×32×137.5×27.5	2.9	32	137.5	27.5	288.6	180.27	1.02	26.49	Carbon
ESS 2.9×32×90×11.5	2.9	32	90	11.5	150.46	155.78	2.14	26.49	Stainless
ESS 2.9×32×92.5×12.5	2.9	32	92.5	12.5	157.47	155.78	1.99	26.49	Stainless
ESS 2.9×32×95×13.5	2.9	32	95	13.5	164.47	155.78	1.86	26.49	Stainless
ESS 2.9×32×97.5×14.5	2.9	32	97.5	14.5	171.48	155.78	1.75	26.49	Stainless
ESS 2.9×32×100×15.5	2.9	32	100	15.5	178.49	155.78	1.65	26.49	Stainless
ESS 2.9×32×102.5×15.5	2.9	32	102.5	15.5	185.49	155.78	1.56	26.49	Stainless
ESS 2.9×32×105×16.5	2.9	32	105	16.5	192.5	155.78	1.48	26.49	Stainless
ESS 2.9×32×107.5×17.5	2.9	32	107.5	17.5	199.51	155.78	1.41	26.49	Stainless
ESS 2.9×32×110×18.5	2.9	32	110	18.5	206.51	155.78	1.34	26.49	Stainless
ESS 2.9×32×112.5×19.5	2.9	32	112.5	19.5	213.52	155.78	1.28	26.49	Stainless
ESS 2.9×32×115×20.5	2.9	32	115	20.5	220.53	155.78	1.23	26.49	Stainless
ESS 2.9×32×117.5×21.5	2.9	32	117.5	21.5	227.53	155.78	1.18	26.49	Stainless
ESS 2.9×32×120×21.5	2.9	32	120	21.5	234.54	155.78	1.13	26.49	Stainless
ESS 2.9×32×122.5×22.5	2.9	32	122.5	22.5	241.55	155.78	1.09	26.49	Stainless
ESS 2.9×32×125×23.5	2.9	32	125	23.5	248.55	155.78	1.05	26.49	Stainless
ESS 2.9×32×127.5×24.5	2.9	32	127.5	24.5	255.57	155.78	1.01	26.49	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.9×32×130×25.5	2.9	32	130	25.5	262.57	155.78	0.98	26.49	Stainless
ESS 2.9×32×132.5×26.5	2.9	32	132.5	26.5	269.57	155.78	0.94	26.49	Stainless
ESS 2.9×32×135×27.5	2.9	32	135	27.5	276.59	155.78	0.91	26.49	Stainless
ESS 2.9×32×137.5×27.5	2.9	32	137.5	27.5	283.58	155.78	0.89	26.49	Stainless
ESM 3×32×90×11.5	3	32	90	11.5	147.57	198.75	2.92	30.58	Carbon
ESM 3×32×92.5×12.5	3	32	92.5	12.5	154.33	198.75	2.72	30.58	Carbon
ESM 3×32×95×12.5	3	32	95	12.5	161.09	198.75	2.54	30.58	Carbon
ESM 3×32×97.5×13.5	3	32	97.5	13.5	167.84	198.75	2.39	30.58	Carbon
ESM 3×32×100×14.5	3	32	100	14.5	174.6	198.75	2.25	30.58	Carbon
ESM 3×32×102.5×15.5	3	32	102.5	15.5	181.36	198.75	2.13	30.58	Carbon
ESM 3×32×105×16.5	3	32	105	16.5	188.12	198.75	2.02	30.58	Carbon
ESM 3×32×107.5×17.5	3	32	107.5	17.5	194.87	198.75	1.92	30.58	Carbon
ESM 3×32×110×17.5	3	32	110	17.5	201.63	198.75	1.84	30.58	Carbon
ESM 3×32×112.5×18.5	3	32	112.5	18.5	208.39	198.75	1.75	30.58	Carbon
ESM 3×32×115×19.5	3	32	115	19.5	215.15	198.75	1.68	30.58	Carbon
ESM 3×32×117.5×20.5	3	32	117.5	20.5	221.91	198.75	1.61	30.58	Carbon
ESM 3×32×120×21.5	3	32	120	21.5	228.66	198.75	1.55	30.58	Carbon
ESM 3×32×122.5×22.5	3	32	122.5	22.5	235.42	198.75	1.49	30.58	Carbon
ESM 3×32×125×22.5	3	32	125	22.5	242.18	198.75	1.44	30.58	Carbon
ESM 3×32×127.5×23.5	3	32	127.5	23.5	248.94	198.75	1.38	30.58	Carbon
ESM 3×32×130×24.5	3	32	130	24.5	255.69	198.75	1.34	30.58	Carbon
ESM 3×32×132.5×25.5	3	32	132.5	25.5	262.46	198.75	1.29	30.58	Carbon
ESM 3×32×135×26.5	3	32	135	26.5	269.21	198.75	1.25	30.58	Carbon
ESM 3×32×137.5×27.5	3	32	137.5	27.5	275.97	198.75	1.21	30.58	Carbon
ESS 3×32×90×11.5	3	32	90	11.5	145.49	171.54	2.54	30.58	Stainless
ESS 3×32×92.5×12.5	3	32	92.5	12.5	152.1	171.54	2.37	30.58	Stainless
ESS 3×32×95×12.5	3	32	95	12.5	158.7	171.54	2.21	30.58	Stainless
ESS 3×32×97.5×13.5	3	32	97.5	13.5	165.31	171.54	2.08	30.58	Stainless
ESS 3×32×100×14.5	3	32	100	14.5	171.91	171.54	1.96	30.58	Stainless
ESS 3×32×102.5×15.5	3	32	102.5	15.5	178.51	171.54	1.85	30.58	Stainless
ESS 3×32×105×16.5	3	32	105	16.5	185.12	171.54	1.76	30.58	Stainless
ESS 3×32×107.5×17.5	3	32	107.5	17.5	191.73	171.54	1.67	30.58	Stainless
ESS 3×32×110×17.5	3	32	110	17.5	198.33	171.54	1.6	30.58	Stainless
ESS 3×32×112.5×18.5	3	32	112.5	18.5	204.93	171.54	1.53	30.58	Stainless
ESS 3×32×115×19.5	3	32	115	19.5	211.54	171.54	1.46	30.58	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3×32×117.5×20.5	3	32	117.5	20.5	218.14	171.54	1.4	30.58	Stainless
ESS 3×32×120×21.5	3	32	120	21.5	224.75	171.54	1.35	30.58	Stainless
ESS 3×32×122.5×22.5	3	32	122.5	22.5	231.35	171.54	1.3	30.58	Stainless
ESS 3×32×125×22.5	3	32	125	22.5	237.96	171.54	1.25	30.58	Stainless
ESS 3×32×127.5×23.5	3	32	127.5	23.5	244.56	171.54	1.2	30.58	Stainless
ESS 3×32×130×24.5	3	32	130	24.5	251.16	171.54	1.16	30.58	Stainless
ESS 3×32×132.5×25.5	3	32	132.5	25.5	257.77	171.54	1.13	30.58	Stainless
ESS 3×32×135×26.5	3	32	135	26.5	264.37	171.54	1.09	30.58	Stainless
ESS 3×32×137.5×27.5	3	32	137.5	27.5	270.99	171.54	1.06	30.58	Stainless
ESM 3.5×32×90×10.5	3.5	32	90	10.5	128.79	306.49	6.41	57.99	Carbon
ESM 3.5×32×92.5×10.5	3.5	32	92.5	10.5	134.06	306.49	5.98	57.99	Carbon
ESM 3.5×32×95×11.5	3.5	32	95	11.5	139.32	306.49	5.61	57.99	Carbon
ESM 3.5×32×97.5×12.5	3.5	32	97.5	12.5	144.58	306.49	5.28	57.99	Carbon
ESM 3.5×32×100×12.5	3.5	32	100	12.5	149.85	306.49	4.99	57.99	Carbon
ESM 3.5×32×102.5×13.5	3.5	32	102.5	13.5	155.11	306.49	4.72	57.99	Carbon
ESM 3.5×32×105×14.5	3.5	32	105	14.5	160.37	306.49	4.49	57.99	Carbon
ESM 3.5×32×107.5×15.5	3.5	32	107.5	15.5	165.64	306.49	4.27	57.99	Carbon
ESM 3.5×32×110×15.5	3.5	32	110	15.5	170.9	306.49	4.08	57.99	Carbon
ESM 3.5×32×112.5×16.5	3.5	32	112.5	16.5	176.16	306.49	3.9	57.99	Carbon
ESM 3.5×32×115×17.5	3.5	32	115	17.5	181.43	306.49	3.74	57.99	Carbon
ESM 3.5×32×117.5×17.5	3.5	32	117.5	17.5	186.69	306.49	3.59	57.99	Carbon
ESM 3.5×32×120×18.5	3.5	32	120	18.5	191.95	306.49	3.45	57.99	Carbon
ESM 3.5×32×122.5×19.5	3.5	32	122.5	19.5	197.21	306.49	3.33	57.99	Carbon
ESM 3.5×32×125×20.5	3.5	32	125	20.5	202.48	306.49	3.21	57.99	Carbon
ESM 3.5×32×127.5×20.5	3.5	32	127.5	20.5	207.74	306.49	3.1	57.99	Carbon
ESM 3.5×32×130×21.5	3.5	32	130	21.5	213.01	306.49	2.99	57.99	Carbon
ESM 3.5×32×132.5×22.5	3.5	32	132.5	22.5	218.27	306.49	2.9	57.99	Carbon
ESM 3.5×32×135×22.5	3.5	32	135	22.5	223.53	306.49	2.81	57.99	Carbon
ESM 3.5×32×137.5×23.5	3.5	32	137.5	23.5	228.79	306.49	2.72	57.99	Carbon
ESS 3.5×32×90×10.5	3.5	32	90	10.5	124.53	250.32	5.57	57.99	Stainless
ESS 3.5×32×92.5×10.5	3.5	32	92.5	10.5	129.49	250.32	5.2	57.99	Stainless
ESS 3.5×32×95×11.5	3.5	32	95	11.5	134.45	250.32	4.88	57.99	Stainless
ESS 3.5×32×97.5×12.5	3.5	32	97.5	12.5	139.41	250.32	4.59	57.99	Stainless
ESS 3.5×32×100×12.5	3.5	32	100	12.5	144.37	250.32	4.34	57.99	Stainless
ESS 3.5×32×102.5×13.5	3.5	32	102.5	13.5	149.33	250.32	4.11	57.99	Stainless

M: Carbon Steel;
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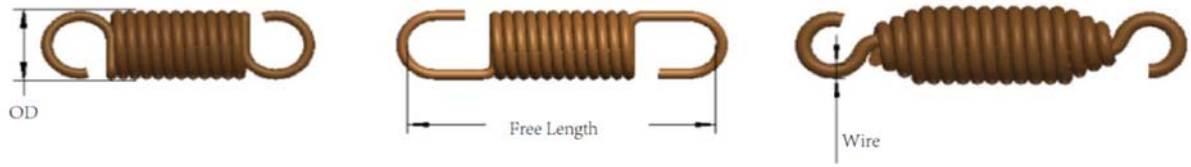
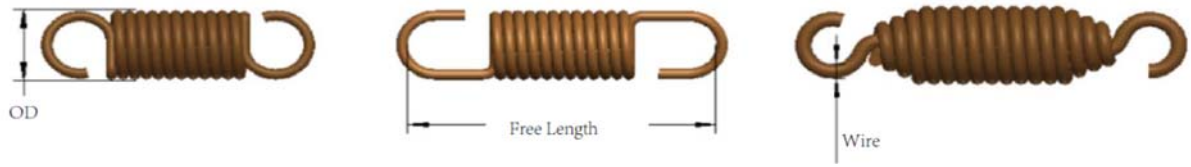
Max Length - Max Load



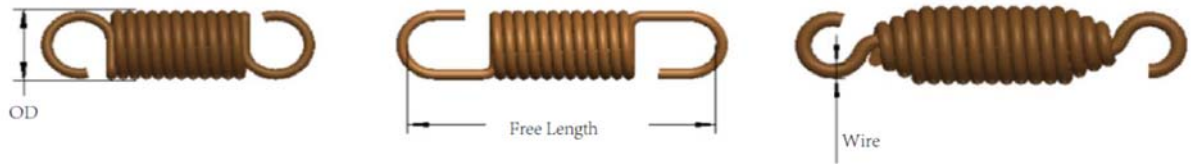
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3.5×32×105×14.5	3.5	32	105	14.5	154.29	250.32	3.9	57.99	Stainless
ESS 3.5×32×107.5×15.5	3.5	32	107.5	15.5	159.25	250.32	3.72	57.99	Stainless
ESS 3.5×32×110×15.5	3.5	32	110	15.5	164.2	250.32	3.55	57.99	Stainless
ESS 3.5×32×112.5×16.5	3.5	32	112.5	16.5	169.16	250.32	3.39	57.99	Stainless
ESS 3.5×32×115×17.5	3.5	32	115	17.5	174.12	250.32	3.25	57.99	Stainless
ESS 3.5×32×117.5×17.5	3.5	32	117.5	17.5	179.08	250.32	3.12	57.99	Stainless
ESS 3.5×32×120×18.5	3.5	32	120	18.5	184.04	250.32	3	57.99	Stainless
ESS 3.5×32×122.5×19.5	3.5	32	122.5	19.5	189	250.32	2.89	57.99	Stainless
ESS 3.5×32×125×20.5	3.5	32	125	20.5	193.96	250.32	2.79	57.99	Stainless
ESS 3.5×32×127.5×20.5	3.5	32	127.5	20.5	198.92	250.32	2.69	57.99	Stainless
ESS 3.5×32×130×21.5	3.5	32	130	21.5	203.88	250.32	2.6	57.99	Stainless
ESS 3.5×32×132.5×22.5	3.5	32	132.5	22.5	208.84	250.32	2.52	57.99	Stainless
ESS 3.5×32×135×22.5	3.5	32	135	22.5	213.8	250.32	2.44	57.99	Stainless
ESS 3.5×32×137.5×23.5	3.5	32	137.5	23.5	218.76	250.32	2.37	57.99	Stainless
ESM 4×32×90×9.5	4	32	90	9.5	118.41	460.11	12.7	99.34	Carbon
ESM 4×32×92.5×9.5	4	32	92.5	9.5	122.86	460.11	11.88	99.34	Carbon
ESM 4×32×95×10.5	4	32	95	10.5	127.31	460.11	11.17	99.34	Carbon
ESM 4×32×97.5×10.5	4	32	97.5	10.5	131.76	460.11	10.53	99.34	Carbon
ESM 4×32×100×11.5	4	32	100	11.5	136.21	460.11	9.96	99.34	Carbon
ESM 4×32×102.5×12.5	4	32	102.5	12.5	140.66	460.11	9.45	99.34	Carbon
ESM 4×32×105×12.5	4	32	105	12.5	145.11	460.11	8.99	99.34	Carbon
ESM 4×32×107.5×13.5	4	32	107.5	13.5	149.57	460.11	8.58	99.34	Carbon
ESM 4×32×110×14.5	4	32	110	14.5	154.02	460.11	8.2	99.34	Carbon
ESM 4×32×112.5×14.5	4	32	112.5	14.5	158.47	460.11	7.85	99.34	Carbon
ESM 4×32×115×15.5	4	32	115	15.5	162.92	460.11	7.53	99.34	Carbon
ESM 4×32×117.5×15.5	4	32	117.5	15.5	167.37	460.11	7.23	99.34	Carbon
ESM 4×32×120×16.5	4	32	120	16.5	171.82	460.11	6.96	99.34	Carbon
ESM 4×32×122.5×17.5	4	32	122.5	17.5	176.27	460.11	6.71	99.34	Carbon
ESM 4×32×125×17.5	4	32	125	17.5	180.72	460.11	6.47	99.34	Carbon
ESM 4×32×127.5×18.5	4	32	127.5	18.5	185.17	460.11	6.26	99.34	Carbon
ESM 4×32×130×19.5	4	32	130	19.5	189.63	460.11	6.05	99.34	Carbon
ESM 4×32×132.5×19.5	4	32	132.5	19.5	194.08	460.11	5.86	99.34	Carbon
ESM 4×32×135×20.5	4	32	135	20.5	198.53	460.11	5.68	99.34	Carbon
ESM 4×32×137.5×20.5	4	32	137.5	20.5	202.98	460.11	5.51	99.34	Carbon
ESS 4×32×90×9.5	4	32	90	9.5	114.6	371.05	11.04	99.34	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



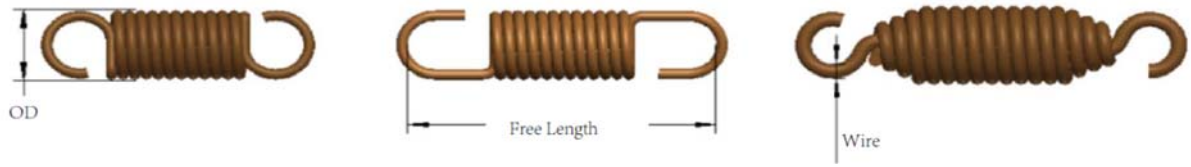
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×32×92.5×9.5	4	32	92.5	9.5	118.79	371.05	10.33	99.34	Stainless
ESS 4×32×95×10.5	4	32	95	10.5	122.98	371.05	9.71	99.34	Stainless
ESS 4×32×97.5×10.5	4	32	97.5	10.5	127.17	371.05	9.16	99.34	Stainless
ESS 4×32×100×11.5	4	32	100	11.5	131.36	371.05	8.66	99.34	Stainless
ESS 4×32×102.5×12.5	4	32	102.5	12.5	135.55	371.05	8.22	99.34	Stainless
ESS 4×32×105×12.5	4	32	105	12.5	139.74	371.05	7.82	99.34	Stainless
ESS 4×32×107.5×13.5	4	32	107.5	13.5	143.93	371.05	7.46	99.34	Stainless
ESS 4×32×110×14.5	4	32	110	14.5	148.12	371.05	7.13	99.34	Stainless
ESS 4×32×112.5×14.5	4	32	112.5	14.5	152.31	371.05	6.82	99.34	Stainless
ESS 4×32×115×15.5	4	32	115	15.5	156.5	371.05	6.55	99.34	Stainless
ESS 4×32×117.5×15.5	4	32	117.5	15.5	160.69	371.05	6.29	99.34	Stainless
ESS 4×32×120×16.5	4	32	120	16.5	164.88	371.05	6.05	99.34	Stainless
ESS 4×32×122.5×17.5	4	32	122.5	17.5	169.07	371.05	5.83	99.34	Stainless
ESS 4×32×125×17.5	4	32	125	17.5	173.26	371.05	5.63	99.34	Stainless
ESS 4×32×127.5×18.5	4	32	127.5	18.5	177.45	371.05	5.44	99.34	Stainless
ESS 4×32×130×19.5	4	32	130	19.5	181.64	371.05	5.26	99.34	Stainless
ESS 4×32×132.5×19.5	4	32	132.5	19.5	185.83	371.05	5.09	99.34	Stainless
ESS 4×32×135×20.5	4	32	135	20.5	190.02	371.05	4.94	99.34	Stainless
ESS 4×32×137.5×20.5	4	32	137.5	20.5	194.21	371.05	4.79	99.34	Stainless
ESM 2.2×33×87.5×12.5	2.2	33	87.5	12.5	194.42	78.85	0.67	7.21	Carbon
ESM 2.2×33×90×13.5	2.2	33	90	13.5	206.74	78.85	0.61	7.21	Carbon
ESM 2.2×33×92.5×14.5	2.2	33	92.5	14.5	219.06	78.85	0.57	7.21	Carbon
ESM 2.2×33×95×15.5	2.2	33	95	15.5	231.39	78.85	0.53	7.21	Carbon
ESM 2.2×33×97.5×16.5	2.2	33	97.5	16.5	243.72	78.85	0.49	7.21	Carbon
ESM 2.2×33×100×18.5	2.2	33	100	18.5	256.02	78.85	0.46	7.21	Carbon
ESM 2.2×33×102.5×19.5	2.2	33	102.5	19.5	268.35	78.85	0.43	7.21	Carbon
ESM 2.2×33×105×20.5	2.2	33	105	20.5	280.65	78.85	0.41	7.21	Carbon
ESM 2.2×33×107.5×21.5	2.2	33	107.5	21.5	292.97	78.85	0.39	7.21	Carbon
ESM 2.2×33×110×22.5	2.2	33	110	22.5	305.33	78.85	0.37	7.21	Carbon
ESM 2.2×33×112.5×23.5	2.2	33	112.5	23.5	317.61	78.85	0.35	7.21	Carbon
ESM 2.2×33×115×24.5	2.2	33	115	24.5	329.96	78.85	0.33	7.21	Carbon
ESM 2.2×33×117.5×26.5	2.2	33	117.5	26.5	342.24	78.85	0.32	7.21	Carbon
ESM 2.2×33×120×27.5	2.2	33	120	27.5	354.6	78.85	0.31	7.21	Carbon
ESM 2.2×33×122.5×28.5	2.2	33	122.5	28.5	366.94	78.85	0.29	7.21	Carbon
ESM 2.2×33×125×29.5	2.2	33	125	29.5	379.25	78.85	0.28	7.21	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



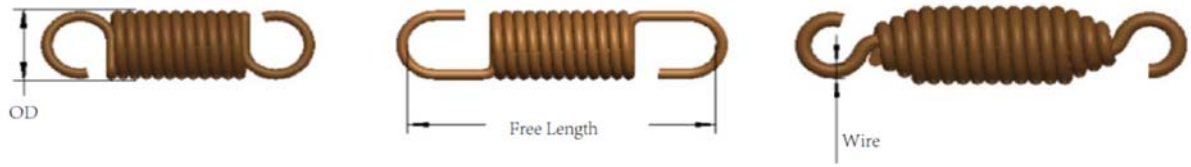
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.2×33×127.5×30.5	2.2	33	127.5	30.5	391.59	78.85	0.27	7.21	Carbon
ESM 2.2×33×130×31.5	2.2	33	130	31.5	403.88	78.85	0.26	7.21	Carbon
ESM 2.2×33×132.5×32.5	2.2	33	132.5	32.5	416.14	78.85	0.25	7.21	Carbon
ESM 2.2×33×135×33.5	2.2	33	135	33.5	428.51	78.85	0.24	7.21	Carbon
ESS 2.2×33×87.5×12.5	2.2	33	87.5	12.5	196.71	68.19	0.56	7.21	Stainless
ESS 2.2×33×90×13.5	2.2	33	90	13.5	209.25	68.19	0.51	7.21	Stainless
ESS 2.2×33×92.5×14.5	2.2	33	92.5	14.5	221.78	68.19	0.47	7.21	Stainless
ESS 2.2×33×95×15.5	2.2	33	95	15.5	234.29	68.19	0.44	7.21	Stainless
ESS 2.2×33×97.5×16.5	2.2	33	97.5	16.5	246.82	68.19	0.41	7.21	Stainless
ESS 2.2×33×100×18.5	2.2	33	100	18.5	259.35	68.19	0.38	7.21	Stainless
ESS 2.2×33×102.5×19.5	2.2	33	102.5	19.5	271.9	68.19	0.36	7.21	Stainless
ESS 2.2×33×105×20.5	2.2	33	105	20.5	284.42	68.19	0.34	7.21	Stainless
ESS 2.2×33×107.5×21.5	2.2	33	107.5	21.5	296.95	68.19	0.32	7.21	Stainless
ESS 2.2×33×110×22.5	2.2	33	110	22.5	309.49	68.19	0.31	7.21	Stainless
ESS 2.2×33×112.5×23.5	2.2	33	112.5	23.5	321.99	68.19	0.29	7.21	Stainless
ESS 2.2×33×115×24.5	2.2	33	115	24.5	334.52	68.19	0.28	7.21	Stainless
ESS 2.2×33×117.5×26.5	2.2	33	117.5	26.5	347.11	68.19	0.27	7.21	Stainless
ESS 2.2×33×120×27.5	2.2	33	120	27.5	359.62	68.19	0.25	7.21	Stainless
ESS 2.2×33×122.5×28.5	2.2	33	122.5	28.5	372.12	68.19	0.24	7.21	Stainless
ESS 2.2×33×125×29.5	2.2	33	125	29.5	384.72	68.19	0.23	7.21	Stainless
ESS 2.2×33×127.5×30.5	2.2	33	127.5	30.5	397.22	68.19	0.23	7.21	Stainless
ESS 2.2×33×130×31.5	2.2	33	130	31.5	409.74	68.19	0.22	7.21	Stainless
ESS 2.2×33×132.5×32.5	2.2	33	132.5	32.5	422.21	68.19	0.21	7.21	Stainless
ESS 2.2×33×135×33.5	2.2	33	135	33.5	434.82	68.19	0.2	7.21	Stainless
ESM 2.3×33×87.5×11.5	2.3	33	87.5	11.5	184.16	89.75	0.84	8.85	Carbon
ESM 2.3×33×90×13.5	2.3	33	90	13.5	195.45	89.75	0.77	8.85	Carbon
ESM 2.3×33×92.5×14.5	2.3	33	92.5	14.5	206.74	89.75	0.71	8.85	Carbon
ESM 2.3×33×95×15.5	2.3	33	95	15.5	218.03	89.75	0.66	8.85	Carbon
ESM 2.3×33×97.5×16.5	2.3	33	97.5	16.5	229.33	89.75	0.61	8.85	Carbon
ESM 2.3×33×100×17.5	2.3	33	100	17.5	240.63	89.75	0.58	8.85	Carbon
ESM 2.3×33×102.5×18.5	2.3	33	102.5	18.5	251.91	89.75	0.54	8.85	Carbon
ESM 2.3×33×105×19.5	2.3	33	105	19.5	263.2	89.75	0.51	8.85	Carbon
ESM 2.3×33×107.5×20.5	2.3	33	107.5	20.5	274.49	89.75	0.48	8.85	Carbon
ESM 2.3×33×110×21.5	2.3	33	110	21.5	285.8	89.75	0.46	8.85	Carbon
ESM 2.3×33×112.5×22.5	2.3	33	112.5	22.5	297.09	89.75	0.44	8.85	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



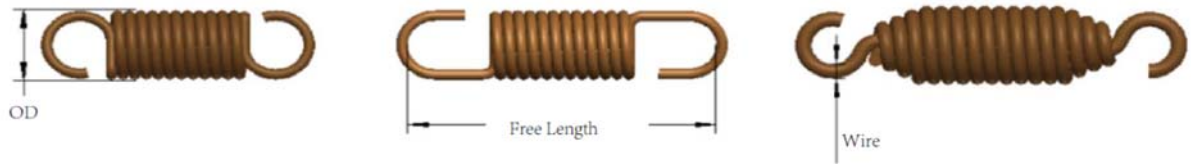
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×33×115×23.5	2.3	33	115	23.5	308.37	89.75	0.42	8.85	Carbon
ESM 2.3×33×117.5×24.5	2.3	33	117.5	24.5	319.66	89.75	0.4	8.85	Carbon
ESM 2.3×33×120×26.5	2.3	33	120	26.5	330.96	89.75	0.38	8.85	Carbon
ESM 2.3×33×122.5×27.5	2.3	33	122.5	27.5	342.23	89.75	0.37	8.85	Carbon
ESM 2.3×33×125×28.5	2.3	33	125	28.5	353.55	89.75	0.35	8.85	Carbon
ESM 2.3×33×127.5×29.5	2.3	33	127.5	29.5	364.83	89.75	0.34	8.85	Carbon
ESM 2.3×33×130×30.5	2.3	33	130	30.5	376.14	89.75	0.33	8.85	Carbon
ESM 2.3×33×132.5×31.5	2.3	33	132.5	31.5	387.4	89.75	0.32	8.85	Carbon
ESM 2.3×33×135×32.5	2.3	33	135	32.5	398.71	89.75	0.31	8.85	Carbon
ESS 2.3×33×87.5×11.5	2.3	33	87.5	11.5	185.97	77.53	0.7	8.85	Stainless
ESS 2.3×33×90×13.5	2.3	33	90	13.5	197.41	77.53	0.64	8.85	Stainless
ESS 2.3×33×92.5×14.5	2.3	33	92.5	14.5	208.87	77.53	0.59	8.85	Stainless
ESS 2.3×33×95×15.5	2.3	33	95	15.5	220.33	77.53	0.55	8.85	Stainless
ESS 2.3×33×97.5×16.5	2.3	33	97.5	16.5	231.8	77.53	0.51	8.85	Stainless
ESS 2.3×33×100×17.5	2.3	33	100	17.5	243.23	77.53	0.48	8.85	Stainless
ESS 2.3×33×102.5×18.5	2.3	33	102.5	18.5	254.72	77.53	0.45	8.85	Stainless
ESS 2.3×33×105×19.5	2.3	33	105	19.5	266.15	77.53	0.43	8.85	Stainless
ESS 2.3×33×107.5×20.5	2.3	33	107.5	20.5	277.63	77.53	0.4	8.85	Stainless
ESS 2.3×33×110×21.5	2.3	33	110	21.5	289.09	77.53	0.38	8.85	Stainless
ESS 2.3×33×112.5×22.5	2.3	33	112.5	22.5	300.51	77.53	0.37	8.85	Stainless
ESS 2.3×33×115×23.5	2.3	33	115	23.5	312.02	77.53	0.35	8.85	Stainless
ESS 2.3×33×117.5×24.5	2.3	33	117.5	24.5	323.44	77.53	0.33	8.85	Stainless
ESS 2.3×33×120×26.5	2.3	33	120	26.5	334.9	77.53	0.32	8.85	Stainless
ESS 2.3×33×122.5×27.5	2.3	33	122.5	27.5	346.36	77.53	0.31	8.85	Stainless
ESS 2.3×33×125×28.5	2.3	33	125	28.5	357.82	77.53	0.3	8.85	Stainless
ESS 2.3×33×127.5×29.5	2.3	33	127.5	29.5	369.25	77.53	0.28	8.85	Stainless
ESS 2.3×33×130×30.5	2.3	33	130	30.5	380.75	77.53	0.27	8.85	Stainless
ESS 2.3×33×132.5×31.5	2.3	33	132.5	31.5	392.16	77.53	0.26	8.85	Stainless
ESS 2.3×33×135×32.5	2.3	33	135	32.5	403.71	77.53	0.26	8.85	Stainless
ESM 2.4×33×87.5×11.5	2.4	33	87.5	11.5	175.19	101.57	1.04	10.74	Carbon
ESM 2.4×33×90×12.5	2.4	33	90	12.5	185.59	101.57	0.95	10.74	Carbon
ESM 2.4×33×92.5×13.5	2.4	33	92.5	13.5	196	101.57	0.88	10.74	Carbon
ESM 2.4×33×95×14.5	2.4	33	95	14.5	206.39	101.57	0.82	10.74	Carbon
ESM 2.4×33×97.5×15.5	2.4	33	97.5	15.5	216.8	101.57	0.76	10.74	Carbon
ESM 2.4×33×100×16.5	2.4	33	100	16.5	227.21	101.57	0.71	10.74	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×33×102.5×17.5	2.4	33	102.5	17.5	237.59	101.57	0.67	10.74	Carbon
ESM 2.4×33×105×18.5	2.4	33	105	18.5	248.01	101.57	0.64	10.74	Carbon
ESM 2.4×33×107.5×19.5	2.4	33	107.5	19.5	258.42	101.57	0.6	10.74	Carbon
ESM 2.4×33×110×20.5	2.4	33	110	20.5	268.81	101.57	0.57	10.74	Carbon
ESM 2.4×33×112.5×21.5	2.4	33	112.5	21.5	279.21	101.57	0.54	10.74	Carbon
ESM 2.4×33×115×23.5	2.4	33	115	23.5	289.62	101.57	0.52	10.74	Carbon
ESM 2.4×33×117.5×24.5	2.4	33	117.5	24.5	300.02	101.57	0.5	10.74	Carbon
ESM 2.4×33×120×25.5	2.4	33	120	25.5	310.44	101.57	0.48	10.74	Carbon
ESM 2.4×33×122.5×26.5	2.4	33	122.5	26.5	320.84	101.57	0.46	10.74	Carbon
ESM 2.4×33×125×27.5	2.4	33	125	27.5	331.22	101.57	0.44	10.74	Carbon
ESM 2.4×33×127.5×28.5	2.4	33	127.5	28.5	341.64	101.57	0.42	10.74	Carbon
ESM 2.4×33×130×29.5	2.4	33	130	29.5	352.04	101.57	0.41	10.74	Carbon
ESM 2.4×33×132.5×30.5	2.4	33	132.5	30.5	362.41	101.57	0.4	10.74	Carbon
ESM 2.4×33×135×31.5	2.4	33	135	31.5	372.86	101.57	0.38	10.74	Carbon
ESS 2.4×33×87.5×11.5	2.4	33	87.5	11.5	176.58	87.64	0.86	10.74	Stainless
ESS 2.4×33×90×12.5	2.4	33	90	12.5	187.11	87.64	0.79	10.74	Stainless
ESS 2.4×33×92.5×13.5	2.4	33	92.5	13.5	197.65	87.64	0.73	10.74	Stainless
ESS 2.4×33×95×14.5	2.4	33	95	14.5	208.18	87.64	0.68	10.74	Stainless
ESS 2.4×33×97.5×15.5	2.4	33	97.5	15.5	218.7	87.64	0.63	10.74	Stainless
ESS 2.4×33×100×16.5	2.4	33	100	16.5	229.23	87.64	0.6	10.74	Stainless
ESS 2.4×33×102.5×17.5	2.4	33	102.5	17.5	239.75	87.64	0.56	10.74	Stainless
ESS 2.4×33×105×18.5	2.4	33	105	18.5	250.29	87.64	0.53	10.74	Stainless
ESS 2.4×33×107.5×19.5	2.4	33	107.5	19.5	260.82	87.64	0.5	10.74	Stainless
ESS 2.4×33×110×20.5	2.4	33	110	20.5	271.33	87.64	0.48	10.74	Stainless
ESS 2.4×33×112.5×21.5	2.4	33	112.5	21.5	281.85	87.64	0.45	10.74	Stainless
ESS 2.4×33×115×23.5	2.4	33	115	23.5	292.4	87.64	0.43	10.74	Stainless
ESS 2.4×33×117.5×24.5	2.4	33	117.5	24.5	302.94	87.64	0.41	10.74	Stainless
ESS 2.4×33×120×25.5	2.4	33	120	25.5	313.47	87.64	0.4	10.74	Stainless
ESS 2.4×33×122.5×26.5	2.4	33	122.5	26.5	323.98	87.64	0.38	10.74	Stainless
ESS 2.4×33×125×27.5	2.4	33	125	27.5	334.49	87.64	0.37	10.74	Stainless
ESS 2.4×33×127.5×28.5	2.4	33	127.5	28.5	345.05	87.64	0.35	10.74	Stainless
ESS 2.4×33×130×29.5	2.4	33	130	29.5	355.59	87.64	0.34	10.74	Stainless
ESS 2.4×33×132.5×30.5	2.4	33	132.5	30.5	366.11	87.64	0.33	10.74	Stainless
ESS 2.4×33×135×31.5	2.4	33	135	31.5	376.61	87.64	0.32	10.74	Stainless
ESM 2.5×33×87.5×11.5	2.5	33	87.5	11.5	167.31	114.35	1.27	12.9	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×33×90×12.5	2.5	33	90	12.5	176.94	114.35	1.17	12.9	Carbon
ESM 2.5×33×92.5×13.5	2.5	33	92.5	13.5	186.57	114.35	1.08	12.9	Carbon
ESM 2.5×33×95×14.5	2.5	33	95	14.5	196.19	114.35	1	12.9	Carbon
ESM 2.5×33×97.5×15.5	2.5	33	97.5	15.5	205.82	114.35	0.94	12.9	Carbon
ESM 2.5×33×100×16.5	2.5	33	100	16.5	215.44	114.35	0.88	12.9	Carbon
ESM 2.5×33×102.5×17.5	2.5	33	102.5	17.5	225.07	114.35	0.83	12.9	Carbon
ESM 2.5×33×105×18.5	2.5	33	105	18.5	234.7	114.35	0.78	12.9	Carbon
ESM 2.5×33×107.5×19.5	2.5	33	107.5	19.5	244.32	114.35	0.74	12.9	Carbon
ESM 2.5×33×110×20.5	2.5	33	110	20.5	253.95	114.35	0.7	12.9	Carbon
ESM 2.5×33×112.5×21.5	2.5	33	112.5	21.5	263.58	114.35	0.67	12.9	Carbon
ESM 2.5×33×115×22.5	2.5	33	115	22.5	273.2	114.35	0.64	12.9	Carbon
ESM 2.5×33×117.5×23.5	2.5	33	117.5	23.5	282.84	114.35	0.61	12.9	Carbon
ESM 2.5×33×120×24.5	2.5	33	120	24.5	292.45	114.35	0.59	12.9	Carbon
ESM 2.5×33×122.5×25.5	2.5	33	122.5	25.5	302.09	114.35	0.56	12.9	Carbon
ESM 2.5×33×125×26.5	2.5	33	125	26.5	311.7	114.35	0.54	12.9	Carbon
ESM 2.5×33×127.5×27.5	2.5	33	127.5	27.5	321.33	114.35	0.52	12.9	Carbon
ESM 2.5×33×130×28.5	2.5	33	130	28.5	330.98	114.35	0.5	12.9	Carbon
ESM 2.5×33×132.5×29.5	2.5	33	132.5	29.5	340.57	114.35	0.49	12.9	Carbon
ESM 2.5×33×135×30.5	2.5	33	135	30.5	350.22	114.35	0.47	12.9	Carbon
ESS 2.5×33×87.5×11.5	2.5	33	87.5	11.5	168.36	98.55	1.06	12.9	Stainless
ESS 2.5×33×90×12.5	2.5	33	90	12.5	178.08	98.55	0.97	12.9	Stainless
ESS 2.5×33×92.5×13.5	2.5	33	92.5	13.5	187.8	98.55	0.9	12.9	Stainless
ESS 2.5×33×95×14.5	2.5	33	95	14.5	197.52	98.55	0.84	12.9	Stainless
ESS 2.5×33×97.5×15.5	2.5	33	97.5	15.5	207.24	98.55	0.78	12.9	Stainless
ESS 2.5×33×100×16.5	2.5	33	100	16.5	216.96	98.55	0.73	12.9	Stainless
ESS 2.5×33×102.5×17.5	2.5	33	102.5	17.5	226.67	98.55	0.69	12.9	Stainless
ESS 2.5×33×105×18.5	2.5	33	105	18.5	236.39	98.55	0.65	12.9	Stainless
ESS 2.5×33×107.5×19.5	2.5	33	107.5	19.5	246.12	98.55	0.62	12.9	Stainless
ESS 2.5×33×110×20.5	2.5	33	110	20.5	255.84	98.55	0.59	12.9	Stainless
ESS 2.5×33×112.5×21.5	2.5	33	112.5	21.5	265.56	98.55	0.56	12.9	Stainless
ESS 2.5×33×115×22.5	2.5	33	115	22.5	275.28	98.55	0.53	12.9	Stainless
ESS 2.5×33×117.5×23.5	2.5	33	117.5	23.5	284.98	98.55	0.51	12.9	Stainless
ESS 2.5×33×120×24.5	2.5	33	120	24.5	294.73	98.55	0.49	12.9	Stainless
ESS 2.5×33×122.5×25.5	2.5	33	122.5	25.5	304.43	98.55	0.47	12.9	Stainless
ESS 2.5×33×125×26.5	2.5	33	125	26.5	314.16	98.55	0.45	12.9	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×33×127.5×27.5	2.5	33	127.5	27.5	323.86	98.55	0.44	12.9	Stainless
ESS 2.5×33×130×28.5	2.5	33	130	28.5	333.59	98.55	0.42	12.9	Stainless
ESS 2.5×33×132.5×29.5	2.5	33	132.5	29.5	343.31	98.55	0.41	12.9	Stainless
ESS 2.5×33×135×30.5	2.5	33	135	30.5	353.05	98.55	0.39	12.9	Stainless
ESM 2.6×33×87.5×10.5	2.6	33	87.5	10.5	163.22	127.64	1.48	15.35	Carbon
ESM 2.6×33×90×11.5	2.6	33	90	11.5	172.42	127.64	1.36	15.35	Carbon
ESM 2.6×33×92.5×12.5	2.6	33	92.5	12.5	181.62	127.64	1.26	15.35	Carbon
ESM 2.6×33×95×13.5	2.6	33	95	13.5	190.82	127.64	1.17	15.35	Carbon
ESM 2.6×33×97.5×14.5	2.6	33	97.5	14.5	200.01	127.64	1.1	15.35	Carbon
ESM 2.6×33×100×15.5	2.6	33	100	15.5	209.21	127.64	1.03	15.35	Carbon
ESM 2.6×33×102.5×16.5	2.6	33	102.5	16.5	218.41	127.64	0.97	15.35	Carbon
ESM 2.6×33×105×17.5	2.6	33	105	17.5	227.62	127.64	0.92	15.35	Carbon
ESM 2.6×33×107.5×18.5	2.6	33	107.5	18.5	236.81	127.64	0.87	15.35	Carbon
ESM 2.6×33×110×19.5	2.6	33	110	19.5	246.01	127.64	0.83	15.35	Carbon
ESM 2.6×33×112.5×20.5	2.6	33	112.5	20.5	255.2	127.64	0.79	15.35	Carbon
ESM 2.6×33×115×21.5	2.6	33	115	21.5	264.4	127.64	0.75	15.35	Carbon
ESM 2.6×33×117.5×22.5	2.6	33	117.5	22.5	273.61	127.64	0.72	15.35	Carbon
ESM 2.6×33×120×23.5	2.6	33	120	23.5	282.81	127.64	0.69	15.35	Carbon
ESM 2.6×33×122.5×24.5	2.6	33	122.5	24.5	292	127.64	0.66	15.35	Carbon
ESM 2.6×33×125×25.5	2.6	33	125	25.5	301.2	127.64	0.64	15.35	Carbon
ESM 2.6×33×127.5×26.5	2.6	33	127.5	26.5	310.38	127.64	0.61	15.35	Carbon
ESM 2.6×33×130×27.5	2.6	33	130	27.5	319.58	127.64	0.59	15.35	Carbon
ESM 2.6×33×132.5×28.5	2.6	33	132.5	28.5	328.78	127.64	0.57	15.35	Carbon
ESM 2.6×33×135×29.5	2.6	33	135	29.5	337.98	127.64	0.55	15.35	Carbon
ESS 2.6×33×87.5×10.5	2.6	33	87.5	10.5	161.12	110.28	1.29	15.35	Stainless
ESS 2.6×33×90×11.5	2.6	33	90	11.5	170.13	110.28	1.18	15.35	Stainless
ESS 2.6×33×92.5×12.5	2.6	33	92.5	12.5	179.14	110.28	1.1	15.35	Stainless
ESS 2.6×33×95×13.5	2.6	33	95	13.5	188.15	110.28	1.02	15.35	Stainless
ESS 2.6×33×97.5×14.5	2.6	33	97.5	14.5	197.16	110.28	0.95	15.35	Stainless
ESS 2.6×33×100×15.5	2.6	33	100	15.5	206.17	110.28	0.89	15.35	Stainless
ESS 2.6×33×102.5×16.5	2.6	33	102.5	16.5	215.19	110.28	0.84	15.35	Stainless
ESS 2.6×33×105×17.5	2.6	33	105	17.5	224.2	110.28	0.8	15.35	Stainless
ESS 2.6×33×107.5×18.5	2.6	33	107.5	18.5	233.22	110.28	0.76	15.35	Stainless
ESS 2.6×33×110×19.5	2.6	33	110	19.5	242.23	110.28	0.72	15.35	Stainless
ESS 2.6×33×112.5×20.5	2.6	33	112.5	20.5	251.24	110.28	0.68	15.35	Stainless

M: Carbon Steel;
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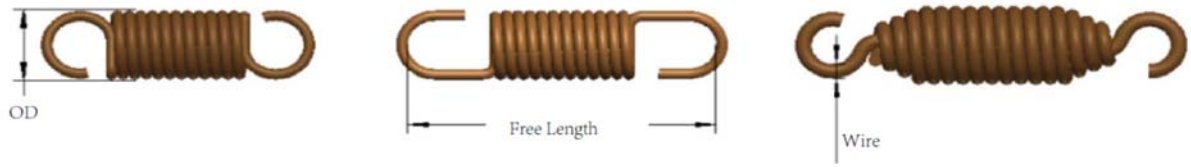
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×33×115×21.5	2.6	33	115	21.5	260.24	110.28	0.65	15.35	Stainless
ESS 2.6×33×117.5×22.5	2.6	33	117.5	22.5	269.26	110.28	0.63	15.35	Stainless
ESS 2.6×33×120×23.5	2.6	33	120	23.5	278.27	110.28	0.6	15.35	Stainless
ESS 2.6×33×122.5×24.5	2.6	33	122.5	24.5	287.28	110.28	0.58	15.35	Stainless
ESS 2.6×33×125×25.5	2.6	33	125	25.5	296.29	110.28	0.55	15.35	Stainless
ESS 2.6×33×127.5×26.5	2.6	33	127.5	26.5	305.3	110.28	0.53	15.35	Stainless
ESS 2.6×33×130×27.5	2.6	33	130	27.5	314.33	110.28	0.52	15.35	Stainless
ESS 2.6×33×132.5×28.5	2.6	33	132.5	28.5	323.35	110.28	0.5	15.35	Stainless
ESS 2.6×33×135×29.5	2.6	33	135	29.5	332.36	110.28	0.48	15.35	Stainless
ESM 2.7×33×90×11.5	2.7	33	90	11.5	165.4	142.36	1.65	18.12	Carbon
ESM 2.7×33×92.5×12.5	2.7	33	92.5	12.5	173.97	142.36	1.52	18.12	Carbon
ESM 2.7×33×95×13.5	2.7	33	95	13.5	182.55	142.36	1.42	18.12	Carbon
ESM 2.7×33×97.5×14.5	2.7	33	97.5	14.5	191.12	142.36	1.33	18.12	Carbon
ESM 2.7×33×100×15.5	2.7	33	100	15.5	199.7	142.36	1.25	18.12	Carbon
ESM 2.7×33×102.5×16.5	2.7	33	102.5	16.5	208.28	142.36	1.17	18.12	Carbon
ESM 2.7×33×105×17.5	2.7	33	105	17.5	216.86	142.36	1.11	18.12	Carbon
ESM 2.7×33×107.5×17.5	2.7	33	107.5	17.5	225.43	142.36	1.05	18.12	Carbon
ESM 2.7×33×110×18.5	2.7	33	110	18.5	234	142.36	1	18.12	Carbon
ESM 2.7×33×112.5×19.5	2.7	33	112.5	19.5	242.58	142.36	0.96	18.12	Carbon
ESM 2.7×33×115×20.5	2.7	33	115	20.5	251.17	142.36	0.91	18.12	Carbon
ESM 2.7×33×117.5×21.5	2.7	33	117.5	21.5	259.73	142.36	0.87	18.12	Carbon
ESM 2.7×33×120×22.5	2.7	33	120	22.5	268.31	142.36	0.84	18.12	Carbon
ESM 2.7×33×122.5×23.5	2.7	33	122.5	23.5	276.89	142.36	0.8	18.12	Carbon
ESM 2.7×33×125×24.5	2.7	33	125	24.5	285.48	142.36	0.77	18.12	Carbon
ESM 2.7×33×127.5×25.5	2.7	33	127.5	25.5	294.04	142.36	0.75	18.12	Carbon
ESM 2.7×33×130×26.5	2.7	33	130	26.5	302.63	142.36	0.72	18.12	Carbon
ESM 2.7×33×132.5×27.5	2.7	33	132.5	27.5	311.19	142.36	0.7	18.12	Carbon
ESM 2.7×33×135×28.5	2.7	33	135	28.5	319.77	142.36	0.67	18.12	Carbon
ESM 2.7×33×137.5×29.5	2.7	33	137.5	29.5	328.35	142.36	0.65	18.12	Carbon
ESS 2.7×33×90×11.5	2.7	33	90	11.5	163.09	122.85	1.43	18.12	Stainless
ESS 2.7×33×92.5×12.5	2.7	33	92.5	12.5	171.48	122.85	1.33	18.12	Stainless
ESS 2.7×33×95×13.5	2.7	33	95	13.5	179.87	122.85	1.23	18.12	Stainless
ESS 2.7×33×97.5×14.5	2.7	33	97.5	14.5	188.26	122.85	1.15	18.12	Stainless
ESS 2.7×33×100×15.5	2.7	33	100	15.5	196.65	122.85	1.08	18.12	Stainless
ESS 2.7×33×102.5×16.5	2.7	33	102.5	16.5	205.05	122.85	1.02	18.12	Stainless

M: Carbon Steel;
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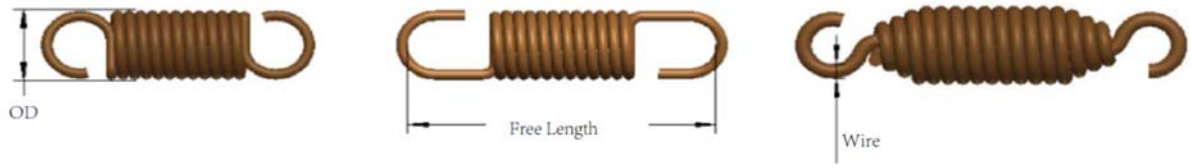
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×33×105×17.5	2.7	33	105	17.5	213.44	122.85	0.97	18.12	Stainless
ESS 2.7×33×107.5×17.5	2.7	33	107.5	17.5	221.82	122.85	0.92	18.12	Stainless
ESS 2.7×33×110×18.5	2.7	33	110	18.5	230.21	122.85	0.87	18.12	Stainless
ESS 2.7×33×112.5×19.5	2.7	33	112.5	19.5	238.61	122.85	0.83	18.12	Stainless
ESS 2.7×33×115×20.5	2.7	33	115	20.5	247	122.85	0.79	18.12	Stainless
ESS 2.7×33×117.5×21.5	2.7	33	117.5	21.5	255.39	122.85	0.76	18.12	Stainless
ESS 2.7×33×120×22.5	2.7	33	120	22.5	263.78	122.85	0.73	18.12	Stainless
ESS 2.7×33×122.5×23.5	2.7	33	122.5	23.5	272.18	122.85	0.7	18.12	Stainless
ESS 2.7×33×125×24.5	2.7	33	125	24.5	280.55	122.85	0.67	18.12	Stainless
ESS 2.7×33×127.5×25.5	2.7	33	127.5	25.5	288.95	122.85	0.65	18.12	Stainless
ESS 2.7×33×130×26.5	2.7	33	130	26.5	297.33	122.85	0.63	18.12	Stainless
ESS 2.7×33×132.5×27.5	2.7	33	132.5	27.5	305.72	122.85	0.6	18.12	Stainless
ESS 2.7×33×135×28.5	2.7	33	135	28.5	314.12	122.85	0.58	18.12	Stainless
ESS 2.7×33×137.5×29.5	2.7	33	137.5	29.5	322.5	122.85	0.57	18.12	Stainless
ESM 2.8×33×90×11.5	2.8	33	90	11.5	159.15	158.12	1.98	21.23	Carbon
ESM 2.8×33×92.5×12.5	2.8	33	92.5	12.5	167.18	158.12	1.83	21.23	Carbon
ESM 2.8×33×95×12.5	2.8	33	95	12.5	175.21	158.12	1.71	21.23	Carbon
ESM 2.8×33×97.5×13.5	2.8	33	97.5	13.5	183.23	158.12	1.6	21.23	Carbon
ESM 2.8×33×100×14.5	2.8	33	100	14.5	191.26	158.12	1.5	21.23	Carbon
ESM 2.8×33×102.5×15.5	2.8	33	102.5	15.5	199.29	158.12	1.41	21.23	Carbon
ESM 2.8×33×105×16.5	2.8	33	105	16.5	207.32	158.12	1.34	21.23	Carbon
ESM 2.8×33×107.5×17.5	2.8	33	107.5	17.5	215.34	158.12	1.27	21.23	Carbon
ESM 2.8×33×110×18.5	2.8	33	110	18.5	223.37	158.12	1.21	21.23	Carbon
ESM 2.8×33×112.5×19.5	2.8	33	112.5	19.5	231.39	158.12	1.15	21.23	Carbon
ESM 2.8×33×115×20.5	2.8	33	115	20.5	239.42	158.12	1.1	21.23	Carbon
ESM 2.8×33×117.5×20.5	2.8	33	117.5	20.5	247.45	158.12	1.05	21.23	Carbon
ESM 2.8×33×120×21.5	2.8	33	120	21.5	255.48	158.12	1.01	21.23	Carbon
ESM 2.8×33×122.5×22.5	2.8	33	122.5	22.5	263.51	158.12	0.97	21.23	Carbon
ESM 2.8×33×125×23.5	2.8	33	125	23.5	271.53	158.12	0.93	21.23	Carbon
ESM 2.8×33×127.5×24.5	2.8	33	127.5	24.5	279.55	158.12	0.9	21.23	Carbon
ESM 2.8×33×130×25.5	2.8	33	130	25.5	287.58	158.12	0.87	21.23	Carbon
ESM 2.8×33×132.5×26.5	2.8	33	132.5	26.5	295.62	158.12	0.84	21.23	Carbon
ESM 2.8×33×135×27.5	2.8	33	135	27.5	303.65	158.12	0.81	21.23	Carbon
ESM 2.8×33×137.5×28.5	2.8	33	137.5	28.5	311.66	158.12	0.79	21.23	Carbon
ESS 2.8×33×90×11.5	2.8	33	90	11.5	156.84	136.29	1.72	21.23	Stainless

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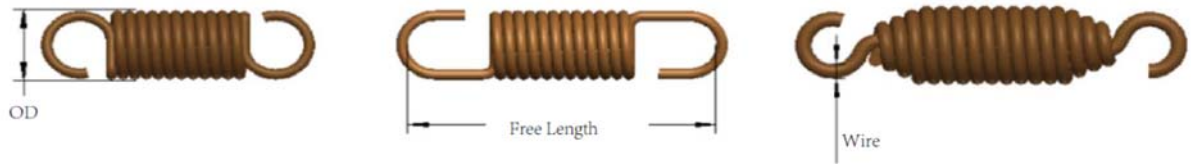
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×33×92.5×12.5	2.8	33	92.5	12.5	164.69	136.29	1.59	21.23	Stainless
ESS 2.8×33×95×12.5	2.8	33	95	12.5	172.53	136.29	1.48	21.23	Stainless
ESS 2.8×33×97.5×13.5	2.8	33	97.5	13.5	180.37	136.29	1.39	21.23	Stainless
ESS 2.8×33×100×14.5	2.8	33	100	14.5	188.22	136.29	1.3	21.23	Stainless
ESS 2.8×33×102.5×15.5	2.8	33	102.5	15.5	196.05	136.29	1.23	21.23	Stainless
ESS 2.8×33×105×16.5	2.8	33	105	16.5	203.9	136.29	1.16	21.23	Stainless
ESS 2.8×33×107.5×17.5	2.8	33	107.5	17.5	211.74	136.29	1.1	21.23	Stainless
ESS 2.8×33×110×18.5	2.8	33	110	18.5	219.58	136.29	1.05	21.23	Stainless
ESS 2.8×33×112.5×19.5	2.8	33	112.5	19.5	227.42	136.29	1	21.23	Stainless
ESS 2.8×33×115×20.5	2.8	33	115	20.5	235.27	136.29	0.96	21.23	Stainless
ESS 2.8×33×117.5×20.5	2.8	33	117.5	20.5	243.11	136.29	0.92	21.23	Stainless
ESS 2.8×33×120×21.5	2.8	33	120	21.5	250.96	136.29	0.88	21.23	Stainless
ESS 2.8×33×122.5×22.5	2.8	33	122.5	22.5	258.79	136.29	0.84	21.23	Stainless
ESS 2.8×33×125×23.5	2.8	33	125	23.5	266.63	136.29	0.81	21.23	Stainless
ESS 2.8×33×127.5×24.5	2.8	33	127.5	24.5	274.49	136.29	0.78	21.23	Stainless
ESS 2.8×33×130×25.5	2.8	33	130	25.5	282.32	136.29	0.76	21.23	Stainless
ESS 2.8×33×132.5×26.5	2.8	33	132.5	26.5	290.16	136.29	0.73	21.23	Stainless
ESS 2.8×33×135×27.5	2.8	33	135	27.5	298	136.29	0.71	21.23	Stainless
ESS 2.8×33×137.5×28.5	2.8	33	137.5	28.5	305.84	136.29	0.68	21.23	Stainless
ESM 2.9×33×90×10.5	2.9	33	90	10.5	153.3	174.28	2.36	24.7	Carbon
ESM 2.9×33×92.5×11.5	2.9	33	92.5	11.5	160.82	174.28	2.19	24.7	Carbon
ESM 2.9×33×95×12.5	2.9	33	95	12.5	168.33	174.28	2.04	24.7	Carbon
ESM 2.9×33×97.5×13.5	2.9	33	97.5	13.5	175.85	174.28	1.91	24.7	Carbon
ESM 2.9×33×100×14.5	2.9	33	100	14.5	183.37	174.28	1.79	24.7	Carbon
ESM 2.9×33×102.5×15.5	2.9	33	102.5	15.5	190.89	174.28	1.69	24.7	Carbon
ESM 2.9×33×105×16.5	2.9	33	105	16.5	198.4	174.28	1.6	24.7	Carbon
ESM 2.9×33×107.5×16.5	2.9	33	107.5	16.5	205.93	174.28	1.52	24.7	Carbon
ESM 2.9×33×110×17.5	2.9	33	110	17.5	213.44	174.28	1.45	24.7	Carbon
ESM 2.9×33×112.5×18.5	2.9	33	112.5	18.5	220.96	174.28	1.38	24.7	Carbon
ESM 2.9×33×115×19.5	2.9	33	115	19.5	228.48	174.28	1.32	24.7	Carbon
ESM 2.9×33×117.5×20.5	2.9	33	117.5	20.5	235.99	174.28	1.26	24.7	Carbon
ESM 2.9×33×120×21.5	2.9	33	120	21.5	243.51	174.28	1.21	24.7	Carbon
ESM 2.9×33×122.5×22.5	2.9	33	122.5	22.5	251.02	174.28	1.16	24.7	Carbon
ESM 2.9×33×125×22.5	2.9	33	125	22.5	258.55	174.28	1.12	24.7	Carbon
ESM 2.9×33×127.5×23.5	2.9	33	127.5	23.5	266.06	174.28	1.08	24.7	Carbon

M: Carbon Steel;
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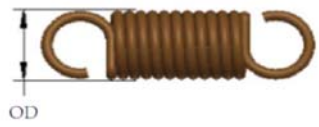
Max Length - Max Load

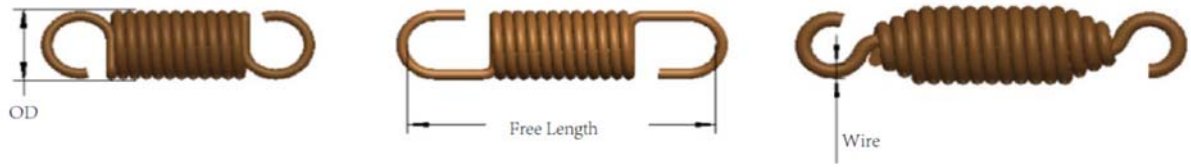






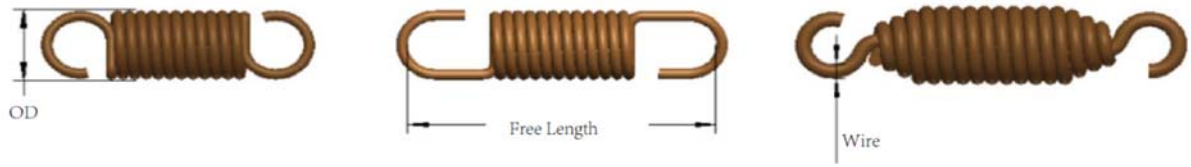
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×33×130×24.5	2.9	33	130	24.5	273.59	174.28	1.04	24.7	Carbon
ESM 2.9×33×132.5×25.5	2.9	33	132.5	25.5	281.09	174.28	1.01	24.7	Carbon
ESM 2.9×33×135×26.5	2.9	33	135	26.5	288.61	174.28	0.97	24.7	Carbon
ESM 2.9×33×137.5×27.5	2.9	33	137.5	27.5	296.13	174.28	0.94	24.7	Carbon
ESS 2.9×33×90×10.5	2.9	33	90	10.5	151.27	150.61	2.05	24.7	Stainless
ESS 2.9×33×92.5×11.5	2.9	33	92.5	11.5	158.63	150.61	1.9	24.7	Stainless
ESS 2.9×33×95×12.5	2.9	33	95	12.5	165.99	150.61	1.77	24.7	Stainless
ESS 2.9×33×97.5×13.5	2.9	33	97.5	13.5	173.35	150.61	1.66	24.7	Stainless
ESS 2.9×33×100×14.5	2.9	33	100	14.5	180.7	150.61	1.56	24.7	Stainless
ESS 2.9×33×102.5×15.5	2.9	33	102.5	15.5	188.05	150.61	1.47	24.7	Stainless
ESS 2.9×33×105×16.5	2.9	33	105	16.5	195.41	150.61	1.39	24.7	Stainless
ESS 2.9×33×107.5×16.5	2.9	33	107.5	16.5	202.77	150.61	1.32	24.7	Stainless
ESS 2.9×33×110×17.5	2.9	33	110	17.5	210.13	150.61	1.26	24.7	Stainless
ESS 2.9×33×112.5×18.5	2.9	33	112.5	18.5	217.49	150.61	1.2	24.7	Stainless
ESS 2.9×33×115×19.5	2.9	33	115	19.5	224.84	150.61	1.15	24.7	Stainless
ESS 2.9×33×117.5×20.5	2.9	33	117.5	20.5	232.19	150.61	1.1	24.7	Stainless
ESS 2.9×33×120×21.5	2.9	33	120	21.5	239.55	150.61	1.05	24.7	Stainless
ESS 2.9×33×122.5×22.5	2.9	33	122.5	22.5	246.92	150.61	1.01	24.7	Stainless
ESS 2.9×33×125×22.5	2.9	33	125	22.5	254.27	150.61	0.97	24.7	Stainless
ESS 2.9×33×127.5×23.5	2.9	33	127.5	23.5	261.62	150.61	0.94	24.7	Stainless
ESS 2.9×33×130×24.5	2.9	33	130	24.5	268.99	150.61	0.91	24.7	Stainless
ESS 2.9×33×132.5×25.5	2.9	33	132.5	25.5	276.33	150.61	0.88	24.7	Stainless
ESS 2.9×33×135×26.5	2.9	33	135	26.5	283.69	150.61	0.85	24.7	Stainless
ESS 2.9×33×137.5×27.5	2.9	33	137.5	27.5	291.05	150.61	0.82	24.7	Stainless
ESM 3×33×90×10.5	3	33	90	10.5	148.33	192.12	2.8	28.55	Carbon
ESM 3×33×92.5×11.5	3	33	92.5	11.5	155.41	192.12	2.6	28.55	Carbon
ESM 3×33×95×12.5	3	33	95	12.5	162.49	192.12	2.42	28.55	Carbon
ESM 3×33×97.5×13.5	3	33	97.5	13.5	169.58	192.12	2.27	28.55	Carbon
ESM 3×33×100×13.5	3	33	100	13.5	176.66	192.12	2.13	28.55	Carbon
ESM 3×33×102.5×14.5	3	33	102.5	14.5	183.75	192.12	2.01	28.55	Carbon
ESM 3×33×105×15.5	3	33	105	15.5	190.84	192.12	1.91	28.55	Carbon
ESM 3×33×107.5×16.5	3	33	107.5	16.5	197.92	192.12	1.81	28.55	Carbon
ESM 3×33×110×17.5	3	33	110	17.5	205	192.12	1.72	28.55	Carbon
ESM 3×33×112.5×18.5	3	33	112.5	18.5	212.09	192.12	1.64	28.55	Carbon
ESM 3×33×115×18.5	3	33	115	18.5	219.18	192.12	1.57	28.55	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



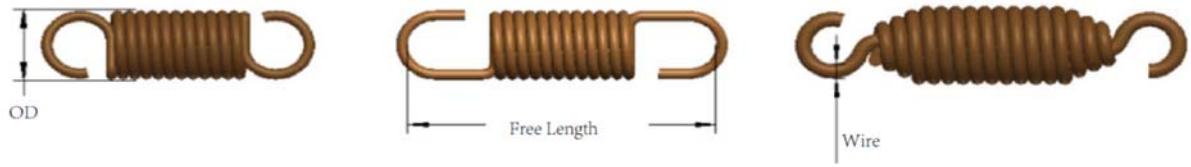
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×33×117.5×19.5	3	33	117.5	19.5	226.26	192.12	1.5	28.55	Carbon
ESM 3×33×120×20.5	3	33	120	20.5	233.34	192.12	1.44	28.55	Carbon
ESM 3×33×122.5×21.5	3	33	122.5	21.5	240.44	192.12	1.39	28.55	Carbon
ESM 3×33×125×22.5	3	33	125	22.5	247.52	192.12	1.34	28.55	Carbon
ESM 3×33×127.5×23.5	3	33	127.5	23.5	254.6	192.12	1.29	28.55	Carbon
ESM 3×33×130×23.5	3	33	130	23.5	261.68	192.12	1.24	28.55	Carbon
ESM 3×33×132.5×24.5	3	33	132.5	24.5	268.77	192.12	1.2	28.55	Carbon
ESM 3×33×135×25.5	3	33	135	25.5	275.86	192.12	1.16	28.55	Carbon
ESM 3×33×137.5×26.5	3	33	137.5	26.5	282.94	192.12	1.12	28.55	Carbon
ESS 3×33×90×10.5	3	33	90	10.5	146.29	165.83	2.44	28.55	Stainless
ESS 3×33×92.5×11.5	3	33	92.5	11.5	153.21	165.83	2.26	28.55	Stainless
ESS 3×33×95×12.5	3	33	95	12.5	160.14	165.83	2.11	28.55	Stainless
ESS 3×33×97.5×13.5	3	33	97.5	13.5	167.07	165.83	1.97	28.55	Stainless
ESS 3×33×100×13.5	3	33	100	13.5	173.99	165.83	1.86	28.55	Stainless
ESS 3×33×102.5×14.5	3	33	102.5	14.5	180.91	165.83	1.75	28.55	Stainless
ESS 3×33×105×15.5	3	33	105	15.5	187.84	165.83	1.66	28.55	Stainless
ESS 3×33×107.5×16.5	3	33	107.5	16.5	194.77	165.83	1.57	28.55	Stainless
ESS 3×33×110×17.5	3	33	110	17.5	201.69	165.83	1.5	28.55	Stainless
ESS 3×33×112.5×18.5	3	33	112.5	18.5	208.61	165.83	1.43	28.55	Stainless
ESS 3×33×115×18.5	3	33	115	18.5	215.54	165.83	1.37	28.55	Stainless
ESS 3×33×117.5×19.5	3	33	117.5	19.5	222.47	165.83	1.31	28.55	Stainless
ESS 3×33×120×20.5	3	33	120	20.5	229.4	165.83	1.25	28.55	Stainless
ESS 3×33×122.5×21.5	3	33	122.5	21.5	236.32	165.83	1.21	28.55	Stainless
ESS 3×33×125×22.5	3	33	125	22.5	243.24	165.83	1.16	28.55	Stainless
ESS 3×33×127.5×23.5	3	33	127.5	23.5	250.17	165.83	1.12	28.55	Stainless
ESS 3×33×130×23.5	3	33	130	23.5	257.1	165.83	1.08	28.55	Stainless
ESS 3×33×132.5×24.5	3	33	132.5	24.5	264.02	165.83	1.04	28.55	Stainless
ESS 3×33×135×25.5	3	33	135	25.5	270.95	165.83	1.01	28.55	Stainless
ESS 3×33×137.5×26.5	3	33	137.5	26.5	277.87	165.83	0.98	28.55	Stainless
ESM 3.5×33×95×10.5	3.5	33	95	10.5	140.43	296.1	5.32	54.37	Carbon
ESM 3.5×33×97.5×11.5	3.5	33	97.5	11.5	145.91	296.1	4.99	54.37	Carbon
ESM 3.5×33×100×12.5	3.5	33	100	12.5	151.39	296.1	4.7	54.37	Carbon
ESM 3.5×33×102.5×13.5	3.5	33	102.5	13.5	156.87	296.1	4.45	54.37	Carbon
ESM 3.5×33×105×13.5	3.5	33	105	13.5	162.35	296.1	4.21	54.37	Carbon
ESM 3.5×33×107.5×14.5	3.5	33	107.5	14.5	167.83	296.1	4.01	54.37	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



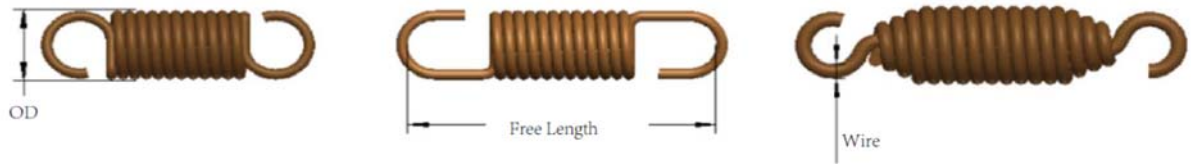
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3.5×33×110×15.5	3.5	33	110	15.5	173.31	296.1	3.82	54.37	Carbon
ESM 3.5×33×112.5×15.5	3.5	33	112.5	15.5	178.79	296.1	3.65	54.37	Carbon
ESM 3.5×33×115×16.5	3.5	33	115	16.5	184.27	296.1	3.49	54.37	Carbon
ESM 3.5×33×117.5×17.5	3.5	33	117.5	17.5	189.76	296.1	3.35	54.37	Carbon
ESM 3.5×33×120×18.5	3.5	33	120	18.5	195.24	296.1	3.21	54.37	Carbon
ESM 3.5×33×122.5×18.5	3.5	33	122.5	18.5	200.72	296.1	3.09	54.37	Carbon
ESM 3.5×33×125×19.5	3.5	33	125	19.5	206.2	296.1	2.98	54.37	Carbon
ESM 3.5×33×127.5×20.5	3.5	33	127.5	20.5	211.68	296.1	2.87	54.37	Carbon
ESM 3.5×33×130×20.5	3.5	33	130	20.5	217.16	296.1	2.77	54.37	Carbon
ESM 3.5×33×132.5×21.5	3.5	33	132.5	21.5	222.64	296.1	2.68	54.37	Carbon
ESM 3.5×33×135×22.5	3.5	33	135	22.5	228.12	296.1	2.6	54.37	Carbon
ESM 3.5×33×137.5×23.5	3.5	33	137.5	23.5	233.6	296.1	2.52	54.37	Carbon
ESM 3.5×33×140×23.5	3.5	33	140	23.5	239.08	296.1	2.44	54.37	Carbon
ESM 3.5×33×142.5×24.5	3.5	33	142.5	24.5	244.57	296.1	2.37	54.37	Carbon
ESS 3.5×33×95×10.5	3.5	33	95	10.5	135.52	241.84	4.63	54.37	Stainless
ESS 3.5×33×97.5×11.5	3.5	33	97.5	11.5	140.67	241.84	4.34	54.37	Stainless
ESS 3.5×33×100×12.5	3.5	33	100	12.5	145.83	241.84	4.09	54.37	Stainless
ESS 3.5×33×102.5×13.5	3.5	33	102.5	13.5	150.99	241.84	3.87	54.37	Stainless
ESS 3.5×33×105×13.5	3.5	33	105	13.5	156.15	241.84	3.67	54.37	Stainless
ESS 3.5×33×107.5×14.5	3.5	33	107.5	14.5	161.31	241.84	3.48	54.37	Stainless
ESS 3.5×33×110×15.5	3.5	33	110	15.5	166.47	241.84	3.32	54.37	Stainless
ESS 3.5×33×112.5×15.5	3.5	33	112.5	15.5	171.62	241.84	3.17	54.37	Stainless
ESS 3.5×33×115×16.5	3.5	33	115	16.5	176.78	241.84	3.03	54.37	Stainless
ESS 3.5×33×117.5×17.5	3.5	33	117.5	17.5	181.94	241.84	2.91	54.37	Stainless
ESS 3.5×33×120×18.5	3.5	33	120	18.5	187.1	241.84	2.79	54.37	Stainless
ESS 3.5×33×122.5×18.5	3.5	33	122.5	18.5	192.26	241.84	2.69	54.37	Stainless
ESS 3.5×33×125×19.5	3.5	33	125	19.5	197.42	241.84	2.59	54.37	Stainless
ESS 3.5×33×127.5×20.5	3.5	33	127.5	20.5	202.57	241.84	2.5	54.37	Stainless
ESS 3.5×33×130×20.5	3.5	33	130	20.5	207.73	241.84	2.41	54.37	Stainless
ESS 3.5×33×132.5×21.5	3.5	33	132.5	21.5	212.89	241.84	2.33	54.37	Stainless
ESS 3.5×33×135×22.5	3.5	33	135	22.5	218.05	241.84	2.26	54.37	Stainless
ESS 3.5×33×137.5×23.5	3.5	33	137.5	23.5	223.21	241.84	2.19	54.37	Stainless
ESS 3.5×33×140×23.5	3.5	33	140	23.5	228.37	241.84	2.12	54.37	Stainless
ESS 3.5×33×142.5×24.5	3.5	33	142.5	24.5	233.53	241.84	2.06	54.37	Stainless
ESM 4×33×100×11.5	4	33	100	11.5	137.44	444.24	9.37	93.43	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 4×33×102.5×11.5	4	33	102.5	11.5	142.04	444.24	8.87	93.43	Carbon
ESM 4×33×105×12.5	4	33	105	12.5	146.65	444.24	8.42	93.43	Carbon
ESM 4×33×107.5×12.5	4	33	107.5	12.5	151.26	444.24	8.02	93.43	Carbon
ESM 4×33×110×13.5	4	33	110	13.5	155.87	444.24	7.65	93.43	Carbon
ESM 4×33×112.5×14.5	4	33	112.5	14.5	160.48	444.24	7.31	93.43	Carbon
ESM 4×33×115×14.5	4	33	115	14.5	165.08	444.24	7	93.43	Carbon
ESM 4×33×117.5×15.5	4	33	117.5	15.5	169.69	444.24	6.72	93.43	Carbon
ESM 4×33×120×16.5	4	33	120	16.5	174.3	444.24	6.46	93.43	Carbon
ESM 4×33×122.5×16.5	4	33	122.5	16.5	178.91	444.24	6.22	93.43	Carbon
ESM 4×33×125×17.5	4	33	125	17.5	183.52	444.24	6	93.43	Carbon
ESM 4×33×127.5×17.5	4	33	127.5	17.5	188.12	444.24	5.79	93.43	Carbon
ESM 4×33×130×18.5	4	33	130	18.5	192.73	444.24	5.59	93.43	Carbon
ESM 4×33×132.5×19.5	4	33	132.5	19.5	197.34	444.24	5.41	93.43	Carbon
ESM 4×33×135×19.5	4	33	135	19.5	201.95	444.24	5.24	93.43	Carbon
ESM 4×33×137.5×20.5	4	33	137.5	20.5	206.55	444.24	5.08	93.43	Carbon
ESM 4×33×140×21.5	4	33	140	21.5	211.16	444.24	4.93	93.43	Carbon
ESM 4×33×142.5×21.5	4	33	142.5	21.5	215.77	444.24	4.79	93.43	Carbon
ESM 4×33×145×22.5	4	33	145	22.5	220.38	444.24	4.65	93.43	Carbon
ESM 4×33×147.5×22.5	4	33	147.5	22.5	224.99	444.24	4.53	93.43	Carbon
ESS 4×33×100×11.5	4	33	100	11.5	132.5	358.26	8.15	93.43	Stainless
ESS 4×33×102.5×11.5	4	33	102.5	11.5	136.83	358.26	7.71	93.43	Stainless
ESS 4×33×105×12.5	4	33	105	12.5	141.16	358.26	7.32	93.43	Stainless
ESS 4×33×107.5×12.5	4	33	107.5	12.5	145.49	358.26	6.97	93.43	Stainless
ESS 4×33×110×13.5	4	33	110	13.5	149.82	358.26	6.65	93.43	Stainless
ESS 4×33×112.5×14.5	4	33	112.5	14.5	154.15	358.26	6.36	93.43	Stainless
ESS 4×33×115×14.5	4	33	115	14.5	158.48	358.26	6.09	93.43	Stainless
ESS 4×33×117.5×15.5	4	33	117.5	15.5	162.81	358.26	5.84	93.43	Stainless
ESS 4×33×120×16.5	4	33	120	16.5	167.14	358.26	5.62	93.43	Stainless
ESS 4×33×122.5×16.5	4	33	122.5	16.5	171.47	358.26	5.41	93.43	Stainless
ESS 4×33×125×17.5	4	33	125	17.5	175.8	358.26	5.21	93.43	Stainless
ESS 4×33×127.5×17.5	4	33	127.5	17.5	180.13	358.26	5.03	93.43	Stainless
ESS 4×33×130×18.5	4	33	130	18.5	184.46	358.26	4.86	93.43	Stainless
ESS 4×33×132.5×19.5	4	33	132.5	19.5	188.79	358.26	4.7	93.43	Stainless
ESS 4×33×135×19.5	4	33	135	19.5	193.12	358.26	4.56	93.43	Stainless
ESS 4×33×137.5×20.5	4	33	137.5	20.5	197.45	358.26	4.42	93.43	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×33×140×21.5	4	33	140	21.5	201.78	358.26	4.29	93.43	Stainless
ESS 4×33×142.5×21.5	4	33	142.5	21.5	206.11	358.26	4.16	93.43	Stainless
ESS 4×33×145×22.5	4	33	145	22.5	210.44	358.26	4.05	93.43	Stainless
ESS 4×33×147.5×22.5	4	33	147.5	22.5	214.77	358.26	3.94	93.43	Stainless
ESM 2.3×34×90×12.5	2.3	34	90	12.5	195.44	86.92	0.75	8.18	Carbon
ESM 2.3×34×92.5×13.5	2.3	34	92.5	13.5	207.36	86.92	0.69	8.18	Carbon
ESM 2.3×34×95×14.5	2.3	34	95	14.5	219.29	86.92	0.63	8.18	Carbon
ESM 2.3×34×97.5×15.5	2.3	34	97.5	15.5	231.2	86.92	0.59	8.18	Carbon
ESM 2.3×34×100×16.5	2.3	34	100	16.5	243.13	86.92	0.55	8.18	Carbon
ESM 2.3×34×102.5×17.5	2.3	34	102.5	17.5	255.06	86.92	0.52	8.18	Carbon
ESM 2.3×34×105×18.5	2.3	34	105	18.5	266.97	86.92	0.49	8.18	Carbon
ESM 2.3×34×107.5×19.5	2.3	34	107.5	19.5	278.89	86.92	0.46	8.18	Carbon
ESM 2.3×34×110×20.5	2.3	34	110	20.5	290.79	86.92	0.44	8.18	Carbon
ESM 2.3×34×112.5×21.5	2.3	34	112.5	21.5	302.73	86.92	0.41	8.18	Carbon
ESM 2.3×34×115×23.5	2.3	34	115	23.5	314.63	86.92	0.39	8.18	Carbon
ESM 2.3×34×117.5×24.5	2.3	34	117.5	24.5	326.57	86.92	0.38	8.18	Carbon
ESM 2.3×34×120×25.5	2.3	34	120	25.5	338.47	86.92	0.36	8.18	Carbon
ESM 2.3×34×122.5×26.5	2.3	34	122.5	26.5	350.39	86.92	0.35	8.18	Carbon
ESM 2.3×34×125×27.5	2.3	34	125	27.5	362.37	86.92	0.33	8.18	Carbon
ESM 2.3×34×127.5×28.5	2.3	34	127.5	28.5	374.24	86.92	0.32	8.18	Carbon
ESM 2.3×34×130×29.5	2.3	34	130	29.5	386.21	86.92	0.31	8.18	Carbon
ESM 2.3×34×132.5×30.5	2.3	34	132.5	30.5	398.14	86.92	0.3	8.18	Carbon
ESM 2.3×34×135×31.5	2.3	34	135	31.5	410.01	86.92	0.29	8.18	Carbon
ESM 2.3×34×137.5×32.5	2.3	34	137.5	32.5	421.95	86.92	0.28	8.18	Carbon
ESS 2.3×34×90×12.5	2.3	34	90	12.5	197.5	75.08	0.62	8.18	Stainless
ESS 2.3×34×92.5×13.5	2.3	34	92.5	13.5	209.62	75.08	0.57	8.18	Stainless
ESS 2.3×34×95×14.5	2.3	34	95	14.5	221.72	75.08	0.53	8.18	Stainless
ESS 2.3×34×97.5×15.5	2.3	34	97.5	15.5	233.83	75.08	0.49	8.18	Stainless
ESS 2.3×34×100×16.5	2.3	34	100	16.5	245.93	75.08	0.46	8.18	Stainless
ESS 2.3×34×102.5×17.5	2.3	34	102.5	17.5	258.04	75.08	0.43	8.18	Stainless
ESS 2.3×34×105×18.5	2.3	34	105	18.5	270.14	75.08	0.41	8.18	Stainless
ESS 2.3×34×107.5×19.5	2.3	34	107.5	19.5	282.26	75.08	0.38	8.18	Stainless
ESS 2.3×34×110×20.5	2.3	34	110	20.5	294.34	75.08	0.36	8.18	Stainless
ESS 2.3×34×112.5×21.5	2.3	34	112.5	21.5	306.46	75.08	0.34	8.18	Stainless
ESS 2.3×34×115×23.5	2.3	34	115	23.5	318.58	75.08	0.33	8.18	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.3×34×117.5×24.5	2.3	34	117.5	24.5	330.68	75.08	0.31	8.18	Stainless
ESS 2.3×34×120×25.5	2.3	34	120	25.5	342.77	75.08	0.3	8.18	Stainless
ESS 2.3×34×122.5×26.5	2.3	34	122.5	26.5	354.86	75.08	0.29	8.18	Stainless
ESS 2.3×34×125×27.5	2.3	34	125	27.5	366.94	75.08	0.28	8.18	Stainless
ESS 2.3×34×127.5×28.5	2.3	34	127.5	28.5	379.08	75.08	0.27	8.18	Stainless
ESS 2.3×34×130×29.5	2.3	34	130	29.5	391.21	75.08	0.26	8.18	Stainless
ESS 2.3×34×132.5×30.5	2.3	34	132.5	30.5	403.34	75.08	0.25	8.18	Stainless
ESS 2.3×34×135×31.5	2.3	34	135	31.5	415.37	75.08	0.24	8.18	Stainless
ESS 2.3×34×137.5×32.5	2.3	34	137.5	32.5	427.47	75.08	0.23	8.18	Stainless
ESM 2.4×34×90×11.5	2.4	34	90	11.5	185.68	98.36	0.92	9.95	Carbon
ESM 2.4×34×92.5×12.5	2.4	34	92.5	12.5	196.64	98.36	0.85	9.95	Carbon
ESM 2.4×34×95×13.5	2.4	34	95	13.5	207.62	98.36	0.79	9.95	Carbon
ESM 2.4×34×97.5×14.5	2.4	34	97.5	14.5	218.59	98.36	0.73	9.95	Carbon
ESM 2.4×34×100×15.5	2.4	34	100	15.5	229.55	98.36	0.68	9.95	Carbon
ESM 2.4×34×102.5×16.5	2.4	34	102.5	16.5	240.53	98.36	0.64	9.95	Carbon
ESM 2.4×34×105×18.5	2.4	34	105	18.5	251.49	98.36	0.6	9.95	Carbon
ESM 2.4×34×107.5×19.5	2.4	34	107.5	19.5	262.46	98.36	0.57	9.95	Carbon
ESM 2.4×34×110×20.5	2.4	34	110	20.5	273.45	98.36	0.54	9.95	Carbon
ESM 2.4×34×112.5×21.5	2.4	34	112.5	21.5	284.4	98.36	0.51	9.95	Carbon
ESM 2.4×34×115×22.5	2.4	34	115	22.5	295.39	98.36	0.49	9.95	Carbon
ESM 2.4×34×117.5×23.5	2.4	34	117.5	23.5	306.36	98.36	0.47	9.95	Carbon
ESM 2.4×34×120×24.5	2.4	34	120	24.5	317.34	98.36	0.45	9.95	Carbon
ESM 2.4×34×122.5×25.5	2.4	34	122.5	25.5	328.29	98.36	0.43	9.95	Carbon
ESM 2.4×34×125×26.5	2.4	34	125	26.5	339.27	98.36	0.41	9.95	Carbon
ESM 2.4×34×127.5×27.5	2.4	34	127.5	27.5	350.25	98.36	0.4	9.95	Carbon
ESM 2.4×34×130×28.5	2.4	34	130	28.5	361.19	98.36	0.38	9.95	Carbon
ESM 2.4×34×132.5×29.5	2.4	34	132.5	29.5	372.15	98.36	0.37	9.95	Carbon
ESM 2.4×34×135×30.5	2.4	34	135	30.5	383.13	98.36	0.36	9.95	Carbon
ESM 2.4×34×137.5×31.5	2.4	34	137.5	31.5	394.13	98.36	0.34	9.95	Carbon
ESS 2.4×34×90×11.5	2.4	34	90	11.5	187.29	84.87	0.77	9.95	Stainless
ESS 2.4×34×92.5×12.5	2.4	34	92.5	12.5	198.4	84.87	0.71	9.95	Stainless
ESS 2.4×34×95×13.5	2.4	34	95	13.5	209.51	84.87	0.65	9.95	Stainless
ESS 2.4×34×97.5×14.5	2.4	34	97.5	14.5	220.63	84.87	0.61	9.95	Stainless
ESS 2.4×34×100×15.5	2.4	34	100	15.5	231.75	84.87	0.57	9.95	Stainless
ESS 2.4×34×102.5×16.5	2.4	34	102.5	16.5	242.87	84.87	0.53	9.95	Stainless

M: Carbon Steel;
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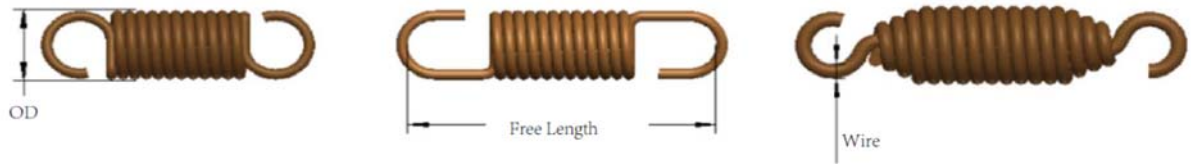
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×34×105×18.5	2.4	34	105	18.5	253.96	84.87	0.5	9.95	Stainless
ESS 2.4×34×107.5×19.5	2.4	34	107.5	19.5	265.08	84.87	0.48	9.95	Stainless
ESS 2.4×34×110×20.5	2.4	34	110	20.5	276.18	84.87	0.45	9.95	Stainless
ESS 2.4×34×112.5×21.5	2.4	34	112.5	21.5	287.29	84.87	0.43	9.95	Stainless
ESS 2.4×34×115×22.5	2.4	34	115	22.5	298.43	84.87	0.41	9.95	Stainless
ESS 2.4×34×117.5×23.5	2.4	34	117.5	23.5	309.54	84.87	0.39	9.95	Stainless
ESS 2.4×34×120×24.5	2.4	34	120	24.5	320.63	84.87	0.37	9.95	Stainless
ESS 2.4×34×122.5×25.5	2.4	34	122.5	25.5	331.76	84.87	0.36	9.95	Stainless
ESS 2.4×34×125×26.5	2.4	34	125	26.5	342.9	84.87	0.34	9.95	Stainless
ESS 2.4×34×127.5×27.5	2.4	34	127.5	27.5	353.96	84.87	0.33	9.95	Stainless
ESS 2.4×34×130×28.5	2.4	34	130	28.5	365.06	84.87	0.32	9.95	Stainless
ESS 2.4×34×132.5×29.5	2.4	34	132.5	29.5	376.2	84.87	0.31	9.95	Stainless
ESS 2.4×34×135×30.5	2.4	34	135	30.5	387.32	84.87	0.3	9.95	Stainless
ESS 2.4×34×137.5×31.5	2.4	34	137.5	31.5	398.43	84.87	0.29	9.95	Stainless
ESM 2.5×34×90×11.5	2.5	34	90	11.5	177.11	110.72	1.13	11.98	Carbon
ESM 2.5×34×92.5×12.5	2.5	34	92.5	12.5	187.25	110.72	1.04	11.98	Carbon
ESM 2.5×34×95×13.5	2.5	34	95	13.5	197.39	110.72	0.96	11.98	Carbon
ESM 2.5×34×97.5×14.5	2.5	34	97.5	14.5	207.53	110.72	0.9	11.98	Carbon
ESM 2.5×34×100×15.5	2.5	34	100	15.5	217.67	110.72	0.84	11.98	Carbon
ESM 2.5×34×102.5×16.5	2.5	34	102.5	16.5	227.81	110.72	0.79	11.98	Carbon
ESM 2.5×34×105×17.5	2.5	34	105	17.5	237.95	110.72	0.74	11.98	Carbon
ESM 2.5×34×107.5×18.5	2.5	34	107.5	18.5	248.08	110.72	0.7	11.98	Carbon
ESM 2.5×34×110×19.5	2.5	34	110	19.5	258.24	110.72	0.67	11.98	Carbon
ESM 2.5×34×112.5×20.5	2.5	34	112.5	20.5	268.37	110.72	0.63	11.98	Carbon
ESM 2.5×34×115×21.5	2.5	34	115	21.5	278.51	110.72	0.6	11.98	Carbon
ESM 2.5×34×117.5×22.5	2.5	34	117.5	22.5	288.67	110.72	0.58	11.98	Carbon
ESM 2.5×34×120×23.5	2.5	34	120	23.5	298.79	110.72	0.55	11.98	Carbon
ESM 2.5×34×122.5×24.5	2.5	34	122.5	24.5	308.95	110.72	0.53	11.98	Carbon
ESM 2.5×34×125×25.5	2.5	34	125	25.5	319.08	110.72	0.51	11.98	Carbon
ESM 2.5×34×127.5×26.5	2.5	34	127.5	26.5	329.23	110.72	0.49	11.98	Carbon
ESM 2.5×34×130×27.5	2.5	34	130	27.5	339.34	110.72	0.47	11.98	Carbon
ESM 2.5×34×132.5×28.5	2.5	34	132.5	28.5	349.52	110.72	0.46	11.98	Carbon
ESM 2.5×34×135×29.5	2.5	34	135	29.5	359.63	110.72	0.44	11.98	Carbon
ESM 2.5×34×137.5×30.5	2.5	34	137.5	30.5	369.79	110.72	0.43	11.98	Carbon
ESS 2.5×34×90×11.5	2.5	34	90	11.5	178.33	95.42	0.94	11.98	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×34×92.5×12.5	2.5	34	92.5	12.5	188.58	95.42	0.87	11.98	Stainless
ESS 2.5×34×95×13.5	2.5	34	95	13.5	198.83	95.42	0.8	11.98	Stainless
ESS 2.5×34×97.5×14.5	2.5	34	97.5	14.5	209.07	95.42	0.75	11.98	Stainless
ESS 2.5×34×100×15.5	2.5	34	100	15.5	219.33	95.42	0.7	11.98	Stainless
ESS 2.5×34×102.5×16.5	2.5	34	102.5	16.5	229.57	95.42	0.66	11.98	Stainless
ESS 2.5×34×105×17.5	2.5	34	105	17.5	239.83	95.42	0.62	11.98	Stainless
ESS 2.5×34×107.5×18.5	2.5	34	107.5	18.5	250.07	95.42	0.59	11.98	Stainless
ESS 2.5×34×110×19.5	2.5	34	110	19.5	260.33	95.42	0.56	11.98	Stainless
ESS 2.5×34×112.5×20.5	2.5	34	112.5	20.5	270.57	95.42	0.53	11.98	Stainless
ESS 2.5×34×115×21.5	2.5	34	115	21.5	280.83	95.42	0.5	11.98	Stainless
ESS 2.5×34×117.5×22.5	2.5	34	117.5	22.5	291.06	95.42	0.48	11.98	Stainless
ESS 2.5×34×120×23.5	2.5	34	120	23.5	301.33	95.42	0.46	11.98	Stainless
ESS 2.5×34×122.5×24.5	2.5	34	122.5	24.5	311.55	95.42	0.44	11.98	Stainless
ESS 2.5×34×125×25.5	2.5	34	125	25.5	321.81	95.42	0.42	11.98	Stainless
ESS 2.5×34×127.5×26.5	2.5	34	127.5	26.5	332.07	95.42	0.41	11.98	Stainless
ESS 2.5×34×130×27.5	2.5	34	130	27.5	342.33	95.42	0.39	11.98	Stainless
ESS 2.5×34×132.5×28.5	2.5	34	132.5	28.5	352.56	95.42	0.38	11.98	Stainless
ESS 2.5×34×135×29.5	2.5	34	135	29.5	362.81	95.42	0.37	11.98	Stainless
ESS 2.5×34×137.5×30.5	2.5	34	137.5	30.5	373.02	95.42	0.35	11.98	Stainless
ESM 2.6×34×90×11.5	2.6	34	90	11.5	172.66	123.58	1.32	14.28	Carbon
ESM 2.6×34×92.5×12.5	2.6	34	92.5	12.5	182.34	123.58	1.22	14.28	Carbon
ESM 2.6×34×95×12.5	2.6	34	95	12.5	192.03	123.58	1.13	14.28	Carbon
ESM 2.6×34×97.5×13.5	2.6	34	97.5	13.5	201.72	123.58	1.05	14.28	Carbon
ESM 2.6×34×100×14.5	2.6	34	100	14.5	211.4	123.58	0.98	14.28	Carbon
ESM 2.6×34×102.5×15.5	2.6	34	102.5	15.5	221.09	123.58	0.92	14.28	Carbon
ESM 2.6×34×105×16.5	2.6	34	105	16.5	230.77	123.58	0.87	14.28	Carbon
ESM 2.6×34×107.5×17.5	2.6	34	107.5	17.5	240.46	123.58	0.82	14.28	Carbon
ESM 2.6×34×110×18.5	2.6	34	110	18.5	250.13	123.58	0.78	14.28	Carbon
ESM 2.6×34×112.5×19.5	2.6	34	112.5	19.5	259.83	123.58	0.74	14.28	Carbon
ESM 2.6×34×115×20.5	2.6	34	115	20.5	269.51	123.58	0.71	14.28	Carbon
ESM 2.6×34×117.5×21.5	2.6	34	117.5	21.5	279.19	123.58	0.68	14.28	Carbon
ESM 2.6×34×120×22.5	2.6	34	120	22.5	288.89	123.58	0.65	14.28	Carbon
ESM 2.6×34×122.5×23.5	2.6	34	122.5	23.5	298.57	123.58	0.62	14.28	Carbon
ESM 2.6×34×125×24.5	2.6	34	125	24.5	308.24	123.58	0.6	14.28	Carbon
ESM 2.6×34×127.5×25.5	2.6	34	127.5	25.5	317.92	123.58	0.57	14.28	Carbon

M: Carbon Steel;
S: Stainless Steel
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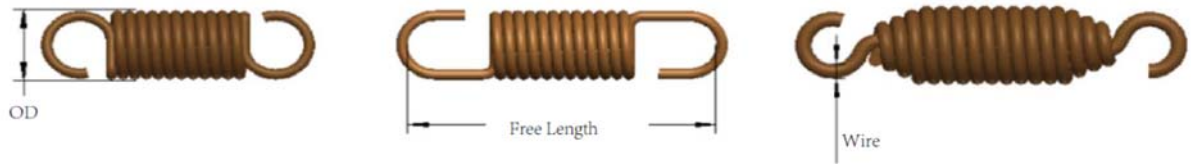
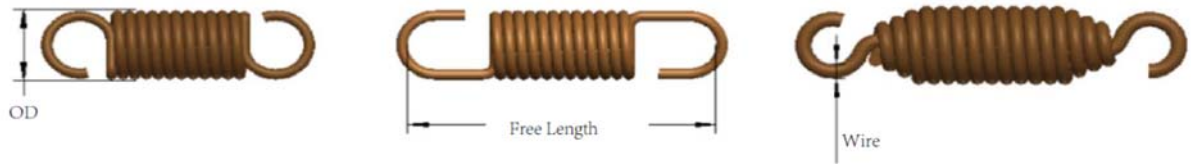


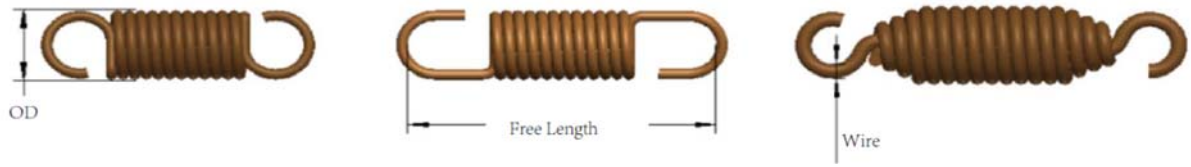
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×34×130×26.5	2.6	34	130	26.5	327.62	123.58	0.55	14.28	Carbon
ESM 2.6×34×132.5×27.5	2.6	34	132.5	27.5	337.3	123.58	0.53	14.28	Carbon
ESM 2.6×34×135×28.5	2.6	34	135	28.5	346.99	123.58	0.52	14.28	Carbon
ESM 2.6×34×137.5×29.5	2.6	34	137.5	29.5	356.68	123.58	0.5	14.28	Carbon
ESS 2.6×34×90×11.5	2.6	34	90	11.5	170.44	106.77	1.15	14.28	Stainless
ESS 2.6×34×92.5×12.5	2.6	34	92.5	12.5	179.93	106.77	1.06	14.28	Stainless
ESS 2.6×34×95×12.5	2.6	34	95	12.5	189.42	106.77	0.98	14.28	Stainless
ESS 2.6×34×97.5×13.5	2.6	34	97.5	13.5	198.92	106.77	0.91	14.28	Stainless
ESS 2.6×34×100×14.5	2.6	34	100	14.5	208.41	106.77	0.85	14.28	Stainless
ESS 2.6×34×102.5×15.5	2.6	34	102.5	15.5	217.9	106.77	0.8	14.28	Stainless
ESS 2.6×34×105×16.5	2.6	34	105	16.5	227.39	106.77	0.76	14.28	Stainless
ESS 2.6×34×107.5×17.5	2.6	34	107.5	17.5	236.88	106.77	0.71	14.28	Stainless
ESS 2.6×34×110×18.5	2.6	34	110	18.5	246.38	106.77	0.68	14.28	Stainless
ESS 2.6×34×112.5×19.5	2.6	34	112.5	19.5	255.85	106.77	0.65	14.28	Stainless
ESS 2.6×34×115×20.5	2.6	34	115	20.5	265.37	106.77	0.62	14.28	Stainless
ESS 2.6×34×117.5×21.5	2.6	34	117.5	21.5	274.85	106.77	0.59	14.28	Stainless
ESS 2.6×34×120×22.5	2.6	34	120	22.5	284.34	106.77	0.56	14.28	Stainless
ESS 2.6×34×122.5×23.5	2.6	34	122.5	23.5	293.85	106.77	0.54	14.28	Stainless
ESS 2.6×34×125×24.5	2.6	34	125	24.5	303.32	106.77	0.52	14.28	Stainless
ESS 2.6×34×127.5×25.5	2.6	34	127.5	25.5	312.82	106.77	0.5	14.28	Stainless
ESS 2.6×34×130×26.5	2.6	34	130	26.5	322.29	106.77	0.48	14.28	Stainless
ESS 2.6×34×132.5×27.5	2.6	34	132.5	27.5	331.79	106.77	0.46	14.28	Stainless
ESS 2.6×34×135×28.5	2.6	34	135	28.5	341.27	106.77	0.45	14.28	Stainless
ESS 2.6×34×137.5×29.5	2.6	34	137.5	29.5	350.76	106.77	0.43	14.28	Stainless
ESM 2.7×34×90×10.5	2.7	34	90	10.5	165.69	137.81	1.6	16.88	Carbon
ESM 2.7×34×92.5×11.5	2.7	34	92.5	11.5	174.7	137.81	1.47	16.88	Carbon
ESM 2.7×34×95×12.5	2.7	34	95	12.5	183.73	137.81	1.36	16.88	Carbon
ESM 2.7×34×97.5×13.5	2.7	34	97.5	13.5	192.75	137.81	1.27	16.88	Carbon
ESM 2.7×34×100×14.5	2.7	34	100	14.5	201.77	137.81	1.19	16.88	Carbon
ESM 2.7×34×102.5×15.5	2.7	34	102.5	15.5	210.79	137.81	1.12	16.88	Carbon
ESM 2.7×34×105×16.5	2.7	34	105	16.5	219.81	137.81	1.05	16.88	Carbon
ESM 2.7×34×107.5×17.5	2.7	34	107.5	17.5	228.83	137.81	1	16.88	Carbon
ESM 2.7×34×110×18.5	2.7	34	110	18.5	237.84	137.81	0.95	16.88	Carbon
ESM 2.7×34×112.5×19.5	2.7	34	112.5	19.5	246.86	137.81	0.9	16.88	Carbon
ESM 2.7×34×115×20.5	2.7	34	115	20.5	255.89	137.81	0.86	16.88	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.7×34×117.5×20.5	2.7	34	117.5	20.5	264.92	137.81	0.82	16.88	Carbon
ESM 2.7×34×120×21.5	2.7	34	120	21.5	273.93	137.81	0.79	16.88	Carbon
ESM 2.7×34×122.5×22.5	2.7	34	122.5	22.5	282.94	137.81	0.75	16.88	Carbon
ESM 2.7×34×125×23.5	2.7	34	125	23.5	291.97	137.81	0.72	16.88	Carbon
ESM 2.7×34×127.5×24.5	2.7	34	127.5	24.5	300.99	137.81	0.7	16.88	Carbon
ESM 2.7×34×130×25.5	2.7	34	130	25.5	310.02	137.81	0.67	16.88	Carbon
ESM 2.7×34×132.5×26.5	2.7	34	132.5	26.5	319.02	137.81	0.65	16.88	Carbon
ESM 2.7×34×135×27.5	2.7	34	135	27.5	328.04	137.81	0.63	16.88	Carbon
ESM 2.7×34×137.5×28.5	2.7	34	137.5	28.5	337.07	137.81	0.61	16.88	Carbon
ESS 2.7×34×90×10.5	2.7	34	90	10.5	163.45	118.93	1.39	16.88	Stainless
ESS 2.7×34×92.5×11.5	2.7	34	92.5	11.5	172.27	118.93	1.28	16.88	Stainless
ESS 2.7×34×95×12.5	2.7	34	95	12.5	181.1	118.93	1.19	16.88	Stainless
ESS 2.7×34×97.5×13.5	2.7	34	97.5	13.5	189.93	118.93	1.1	16.88	Stainless
ESS 2.7×34×100×14.5	2.7	34	100	14.5	198.76	118.93	1.03	16.88	Stainless
ESS 2.7×34×102.5×15.5	2.7	34	102.5	15.5	207.58	118.93	0.97	16.88	Stainless
ESS 2.7×34×105×16.5	2.7	34	105	16.5	216.41	118.93	0.92	16.88	Stainless
ESS 2.7×34×107.5×17.5	2.7	34	107.5	17.5	225.24	118.93	0.87	16.88	Stainless
ESS 2.7×34×110×18.5	2.7	34	110	18.5	234.06	118.93	0.82	16.88	Stainless
ESS 2.7×34×112.5×19.5	2.7	34	112.5	19.5	242.89	118.93	0.78	16.88	Stainless
ESS 2.7×34×115×20.5	2.7	34	115	20.5	251.73	118.93	0.75	16.88	Stainless
ESS 2.7×34×117.5×20.5	2.7	34	117.5	20.5	260.55	118.93	0.71	16.88	Stainless
ESS 2.7×34×120×21.5	2.7	34	120	21.5	269.38	118.93	0.68	16.88	Stainless
ESS 2.7×34×122.5×22.5	2.7	34	122.5	22.5	278.21	118.93	0.66	16.88	Stainless
ESS 2.7×34×125×23.5	2.7	34	125	23.5	287.04	118.93	0.63	16.88	Stainless
ESS 2.7×34×127.5×24.5	2.7	34	127.5	24.5	295.85	118.93	0.61	16.88	Stainless
ESS 2.7×34×130×25.5	2.7	34	130	25.5	304.69	118.93	0.58	16.88	Stainless
ESS 2.7×34×132.5×26.5	2.7	34	132.5	26.5	313.51	118.93	0.56	16.88	Stainless
ESS 2.7×34×135×27.5	2.7	34	135	27.5	322.32	118.93	0.54	16.88	Stainless
ESS 2.7×34×137.5×28.5	2.7	34	137.5	28.5	331.15	118.93	0.53	16.88	Stainless
ESM 2.8×34×92.5×11.5	2.8	34	92.5	11.5	167.92	153.05	1.77	19.79	Carbon
ESM 2.8×34×95×12.5	2.8	34	95	12.5	176.35	153.05	1.64	19.79	Carbon
ESM 2.8×34×97.5×13.5	2.8	34	97.5	13.5	184.78	153.05	1.53	19.79	Carbon
ESM 2.8×34×100×14.5	2.8	34	100	14.5	193.21	153.05	1.43	19.79	Carbon
ESM 2.8×34×102.5×14.5	2.8	34	102.5	14.5	201.64	153.05	1.34	19.79	Carbon
ESM 2.8×34×105×15.5	2.8	34	105	15.5	210.08	153.05	1.27	19.79	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×34×107.5×16.5	2.8	34	107.5	16.5	218.51	153.05	1.2	19.79	Carbon
ESM 2.8×34×110×17.5	2.8	34	110	17.5	226.95	153.05	1.14	19.79	Carbon
ESM 2.8×34×112.5×18.5	2.8	34	112.5	18.5	235.38	153.05	1.08	19.79	Carbon
ESM 2.8×34×115×19.5	2.8	34	115	19.5	243.82	153.05	1.03	19.79	Carbon
ESM 2.8×34×117.5×20.5	2.8	34	117.5	20.5	252.24	153.05	0.99	19.79	Carbon
ESM 2.8×34×120×21.5	2.8	34	120	21.5	260.67	153.05	0.95	19.79	Carbon
ESM 2.8×34×122.5×22.5	2.8	34	122.5	22.5	269.12	153.05	0.91	19.79	Carbon
ESM 2.8×34×125×22.5	2.8	34	125	22.5	277.54	153.05	0.87	19.79	Carbon
ESM 2.8×34×127.5×23.5	2.8	34	127.5	23.5	285.97	153.05	0.84	19.79	Carbon
ESM 2.8×34×130×24.5	2.8	34	130	24.5	294.42	153.05	0.81	19.79	Carbon
ESM 2.8×34×132.5×25.5	2.8	34	132.5	25.5	302.84	153.05	0.78	19.79	Carbon
ESM 2.8×34×135×26.5	2.8	34	135	26.5	311.27	153.05	0.76	19.79	Carbon
ESM 2.8×34×137.5×27.5	2.8	34	137.5	27.5	319.7	153.05	0.73	19.79	Carbon
ESM 2.8×34×140×28.5	2.8	34	140	28.5	328.14	153.05	0.71	19.79	Carbon
ESS 2.8×34×92.5×11.5	2.8	34	92.5	11.5	165.48	131.92	1.54	19.79	Stainless
ESS 2.8×34×95×12.5	2.8	34	95	12.5	173.71	131.92	1.42	19.79	Stainless
ESS 2.8×34×97.5×13.5	2.8	34	97.5	13.5	181.96	131.92	1.33	19.79	Stainless
ESS 2.8×34×100×14.5	2.8	34	100	14.5	190.2	131.92	1.24	19.79	Stainless
ESS 2.8×34×102.5×14.5	2.8	34	102.5	14.5	198.44	131.92	1.17	19.79	Stainless
ESS 2.8×34×105×15.5	2.8	34	105	15.5	206.68	131.92	1.1	19.79	Stainless
ESS 2.8×34×107.5×16.5	2.8	34	107.5	16.5	214.92	131.92	1.04	19.79	Stainless
ESS 2.8×34×110×17.5	2.8	34	110	17.5	223.16	131.92	0.99	19.79	Stainless
ESS 2.8×34×112.5×18.5	2.8	34	112.5	18.5	231.41	131.92	0.94	19.79	Stainless
ESS 2.8×34×115×19.5	2.8	34	115	19.5	239.64	131.92	0.9	19.79	Stainless
ESS 2.8×34×117.5×20.5	2.8	34	117.5	20.5	247.88	131.92	0.86	19.79	Stainless
ESS 2.8×34×120×21.5	2.8	34	120	21.5	256.13	131.92	0.82	19.79	Stainless
ESS 2.8×34×122.5×22.5	2.8	34	122.5	22.5	264.36	131.92	0.79	19.79	Stainless
ESS 2.8×34×125×22.5	2.8	34	125	22.5	272.62	131.92	0.76	19.79	Stainless
ESS 2.8×34×127.5×23.5	2.8	34	127.5	23.5	280.85	131.92	0.73	19.79	Stainless
ESS 2.8×34×130×24.5	2.8	34	130	24.5	289.09	131.92	0.7	19.79	Stainless
ESS 2.8×34×132.5×25.5	2.8	34	132.5	25.5	297.32	131.92	0.68	19.79	Stainless
ESS 2.8×34×135×26.5	2.8	34	135	26.5	305.56	131.92	0.66	19.79	Stainless
ESS 2.8×34×137.5×27.5	2.8	34	137.5	27.5	313.8	131.92	0.64	19.79	Stainless
ESS 2.8×34×140×28.5	2.8	34	140	28.5	322.06	131.92	0.62	19.79	Stainless
ESM 2.9×34×92.5×11.5	2.9	34	92.5	11.5	161.55	168.68	2.11	23.05	Carbon

M: Carbon Steel;
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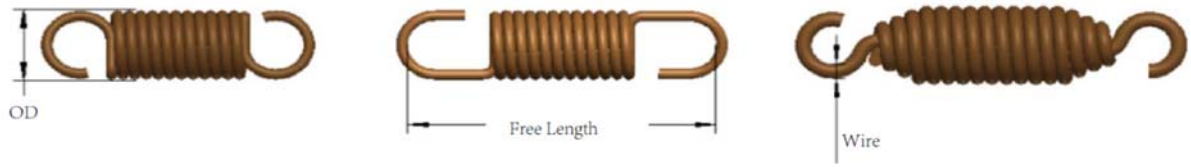
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×34×95×11.5	2.9	34	95	11.5	169.44	168.68	1.96	23.05	Carbon
ESM 2.9×34×97.5×12.5	2.9	34	97.5	12.5	177.33	168.68	1.82	23.05	Carbon
ESM 2.9×34×100×13.5	2.9	34	100	13.5	185.21	168.68	1.71	23.05	Carbon
ESM 2.9×34×102.5×14.5	2.9	34	102.5	14.5	193.1	168.68	1.61	23.05	Carbon
ESM 2.9×34×105×15.5	2.9	34	105	15.5	200.99	168.68	1.52	23.05	Carbon
ESM 2.9×34×107.5×16.5	2.9	34	107.5	16.5	208.88	168.68	1.44	23.05	Carbon
ESM 2.9×34×110×17.5	2.9	34	110	17.5	216.77	168.68	1.36	23.05	Carbon
ESM 2.9×34×112.5×17.5	2.9	34	112.5	17.5	224.65	168.68	1.3	23.05	Carbon
ESM 2.9×34×115×18.5	2.9	34	115	18.5	232.54	168.68	1.24	23.05	Carbon
ESM 2.9×34×117.5×19.5	2.9	34	117.5	19.5	240.43	168.68	1.18	23.05	Carbon
ESM 2.9×34×120×20.5	2.9	34	120	20.5	248.32	168.68	1.13	23.05	Carbon
ESM 2.9×34×122.5×21.5	2.9	34	122.5	21.5	256.2	168.68	1.09	23.05	Carbon
ESM 2.9×34×125×22.5	2.9	34	125	22.5	264.09	168.68	1.05	23.05	Carbon
ESM 2.9×34×127.5×23.5	2.9	34	127.5	23.5	271.99	168.68	1.01	23.05	Carbon
ESM 2.9×34×130×23.5	2.9	34	130	23.5	279.87	168.68	0.97	23.05	Carbon
ESM 2.9×34×132.5×24.5	2.9	34	132.5	24.5	287.75	168.68	0.94	23.05	Carbon
ESM 2.9×34×135×25.5	2.9	34	135	25.5	295.65	168.68	0.91	23.05	Carbon
ESM 2.9×34×137.5×26.5	2.9	34	137.5	26.5	303.53	168.68	0.88	23.05	Carbon
ESM 2.9×34×140×27.5	2.9	34	140	27.5	311.43	168.68	0.85	23.05	Carbon
ESS 2.9×34×92.5×11.5	2.9	34	92.5	11.5	159.41	145.77	1.83	23.05	Stainless
ESS 2.9×34×95×11.5	2.9	34	95	11.5	167.13	145.77	1.7	23.05	Stainless
ESS 2.9×34×97.5×12.5	2.9	34	97.5	12.5	174.85	145.77	1.59	23.05	Stainless
ESS 2.9×34×100×13.5	2.9	34	100	13.5	182.57	145.77	1.49	23.05	Stainless
ESS 2.9×34×102.5×14.5	2.9	34	102.5	14.5	190.3	145.77	1.4	23.05	Stainless
ESS 2.9×34×105×15.5	2.9	34	105	15.5	198.02	145.77	1.32	23.05	Stainless
ESS 2.9×34×107.5×16.5	2.9	34	107.5	16.5	205.74	145.77	1.25	23.05	Stainless
ESS 2.9×34×110×17.5	2.9	34	110	17.5	213.46	145.77	1.19	23.05	Stainless
ESS 2.9×34×112.5×17.5	2.9	34	112.5	17.5	221.18	145.77	1.13	23.05	Stainless
ESS 2.9×34×115×18.5	2.9	34	115	18.5	228.91	145.77	1.08	23.05	Stainless
ESS 2.9×34×117.5×19.5	2.9	34	117.5	19.5	236.63	145.77	1.03	23.05	Stainless
ESS 2.9×34×120×20.5	2.9	34	120	20.5	244.34	145.77	0.99	23.05	Stainless
ESS 2.9×34×122.5×21.5	2.9	34	122.5	21.5	252.07	145.77	0.95	23.05	Stainless
ESS 2.9×34×125×22.5	2.9	34	125	22.5	259.79	145.77	0.91	23.05	Stainless
ESS 2.9×34×127.5×23.5	2.9	34	127.5	23.5	267.5	145.77	0.88	23.05	Stainless
ESS 2.9×34×130×23.5	2.9	34	130	23.5	275.22	145.77	0.85	23.05	Stainless

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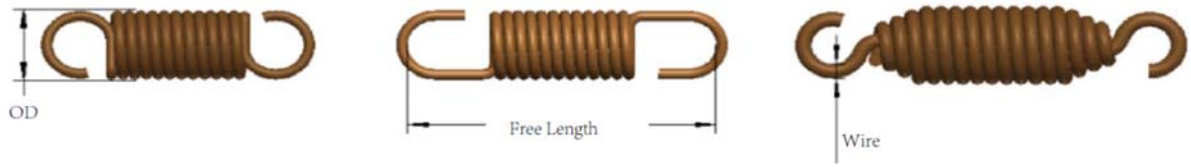
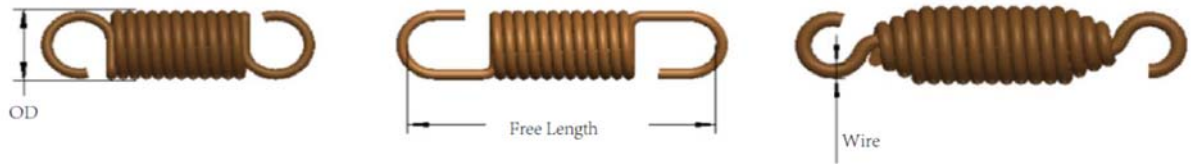
Max Length - Max Load



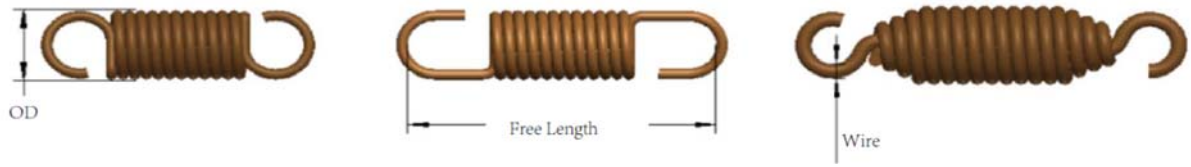
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.9×34×132.5×24.5	2.9	34	132.5	24.5	282.96	145.77	0.82	23.05	Stainless
ESS 2.9×34×135×25.5	2.9	34	135	25.5	290.67	145.77	0.79	23.05	Stainless
ESS 2.9×34×137.5×26.5	2.9	34	137.5	26.5	298.39	145.77	0.76	23.05	Stainless
ESS 2.9×34×140×27.5	2.9	34	140	27.5	306.12	145.77	0.74	23.05	Stainless
ESM 3×34×92.5×10.5	3	34	92.5	10.5	156.14	185.93	2.5	26.68	Carbon
ESM 3×34×95×11.5	3	34	95	11.5	163.56	185.93	2.32	26.68	Carbon
ESM 3×34×97.5×12.5	3	34	97.5	12.5	170.99	185.93	2.17	26.68	Carbon
ESM 3×34×100×13.5	3	34	100	13.5	178.41	185.93	2.03	26.68	Carbon
ESM 3×34×102.5×14.5	3	34	102.5	14.5	185.84	185.93	1.91	26.68	Carbon
ESM 3×34×105×14.5	3	34	105	14.5	193.26	185.93	1.8	26.68	Carbon
ESM 3×34×107.5×15.5	3	34	107.5	15.5	200.69	185.93	1.71	26.68	Carbon
ESM 3×34×110×16.5	3	34	110	16.5	208.12	185.93	1.62	26.68	Carbon
ESM 3×34×112.5×17.5	3	34	112.5	17.5	215.54	185.93	1.55	26.68	Carbon
ESM 3×34×115×18.5	3	34	115	18.5	222.97	185.93	1.48	26.68	Carbon
ESM 3×34×117.5×19.5	3	34	117.5	19.5	230.39	185.93	1.41	26.68	Carbon
ESM 3×34×120×19.5	3	34	120	19.5	237.82	185.93	1.35	26.68	Carbon
ESM 3×34×122.5×20.5	3	34	122.5	20.5	245.24	185.93	1.3	26.68	Carbon
ESM 3×34×125×21.5	3	34	125	21.5	252.67	185.93	1.25	26.68	Carbon
ESM 3×34×127.5×22.5	3	34	127.5	22.5	260.09	185.93	1.2	26.68	Carbon
ESM 3×34×130×23.5	3	34	130	23.5	267.52	185.93	1.16	26.68	Carbon
ESM 3×34×132.5×24.5	3	34	132.5	24.5	274.94	185.93	1.12	26.68	Carbon
ESM 3×34×135×24.5	3	34	135	24.5	282.37	185.93	1.08	26.68	Carbon
ESM 3×34×137.5×25.5	3	34	137.5	25.5	289.79	185.93	1.05	26.68	Carbon
ESM 3×34×140×26.5	3	34	140	26.5	297.22	185.93	1.01	26.68	Carbon
ESS 3×34×92.5×10.5	3	34	92.5	10.5	153.99	160.48	2.18	26.68	Stainless
ESS 3×34×95×11.5	3	34	95	11.5	161.25	160.48	2.02	26.68	Stainless
ESS 3×34×97.5×12.5	3	34	97.5	12.5	168.51	160.48	1.88	26.68	Stainless
ESS 3×34×100×13.5	3	34	100	13.5	175.77	160.48	1.77	26.68	Stainless
ESS 3×34×102.5×14.5	3	34	102.5	14.5	183.02	160.48	1.66	26.68	Stainless
ESS 3×34×105×14.5	3	34	105	14.5	190.28	160.48	1.57	26.68	Stainless
ESS 3×34×107.5×15.5	3	34	107.5	15.5	197.54	160.48	1.49	26.68	Stainless
ESS 3×34×110×16.5	3	34	110	16.5	204.8	160.48	1.41	26.68	Stainless
ESS 3×34×112.5×17.5	3	34	112.5	17.5	212.06	160.48	1.34	26.68	Stainless
ESS 3×34×115×18.5	3	34	115	18.5	219.32	160.48	1.28	26.68	Stainless
ESS 3×34×117.5×19.5	3	34	117.5	19.5	226.57	160.48	1.23	26.68	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



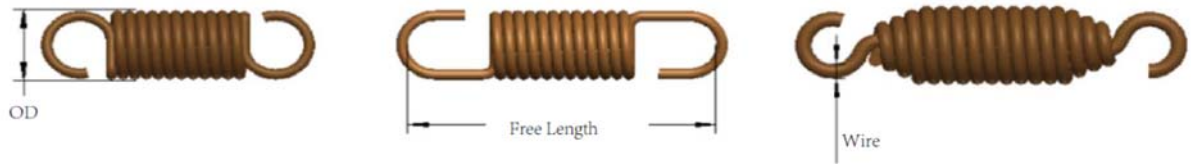
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3×34×120×19.5	3	34	120	19.5	233.84	160.48	1.18	26.68	Stainless
ESS 3×34×122.5×20.5	3	34	122.5	20.5	241.1	160.48	1.13	26.68	Stainless
ESS 3×34×125×21.5	3	34	125	21.5	248.35	160.48	1.08	26.68	Stainless
ESS 3×34×127.5×22.5	3	34	127.5	22.5	255.61	160.48	1.04	26.68	Stainless
ESS 3×34×130×23.5	3	34	130	23.5	262.87	160.48	1.01	26.68	Stainless
ESS 3×34×132.5×24.5	3	34	132.5	24.5	270.13	160.48	0.97	26.68	Stainless
ESS 3×34×135×24.5	3	34	135	24.5	277.39	160.48	0.94	26.68	Stainless
ESS 3×34×137.5×25.5	3	34	137.5	25.5	284.65	160.48	0.91	26.68	Stainless
ESS 3×34×140×26.5	3	34	140	26.5	291.91	160.48	0.88	26.68	Stainless
ESM 3.5×34×95×10.5	3.5	34	95	10.5	141.32	286.39	5.08	51.03	Carbon
ESM 3.5×34×97.5×11.5	3.5	34	97.5	11.5	147.02	286.39	4.75	51.03	Carbon
ESM 3.5×34×100×11.5	3.5	34	100	11.5	152.73	286.39	4.46	51.03	Carbon
ESM 3.5×34×102.5×12.5	3.5	34	102.5	12.5	158.44	286.39	4.21	51.03	Carbon
ESM 3.5×34×105×13.5	3.5	34	105	13.5	164.15	286.39	3.98	51.03	Carbon
ESM 3.5×34×107.5×13.5	3.5	34	107.5	13.5	169.86	286.39	3.77	51.03	Carbon
ESM 3.5×34×110×14.5	3.5	34	110	14.5	175.56	286.39	3.59	51.03	Carbon
ESM 3.5×34×112.5×15.5	3.5	34	112.5	15.5	181.27	286.39	3.42	51.03	Carbon
ESM 3.5×34×115×16.5	3.5	34	115	16.5	186.98	286.39	3.27	51.03	Carbon
ESM 3.5×34×117.5×16.5	3.5	34	117.5	16.5	192.69	286.39	3.13	51.03	Carbon
ESM 3.5×34×120×17.5	3.5	34	120	17.5	198.39	286.39	3	51.03	Carbon
ESM 3.5×34×122.5×18.5	3.5	34	122.5	18.5	204.1	286.39	2.88	51.03	Carbon
ESM 3.5×34×125×18.5	3.5	34	125	18.5	209.81	286.39	2.78	51.03	Carbon
ESM 3.5×34×127.5×19.5	3.5	34	127.5	19.5	215.52	286.39	2.67	51.03	Carbon
ESM 3.5×34×130×20.5	3.5	34	130	20.5	221.22	286.39	2.58	51.03	Carbon
ESM 3.5×34×132.5×21.5	3.5	34	132.5	21.5	226.93	286.39	2.49	51.03	Carbon
ESM 3.5×34×135×21.5	3.5	34	135	21.5	232.64	286.39	2.41	51.03	Carbon
ESM 3.5×34×137.5×22.5	3.5	34	137.5	22.5	238.34	286.39	2.33	51.03	Carbon
ESM 3.5×34×140×23.5	3.5	34	140	23.5	244.05	286.39	2.26	51.03	Carbon
ESM 3.5×34×142.5×23.5	3.5	34	142.5	23.5	249.76	286.39	2.19	51.03	Carbon
ESS 3.5×34×95×10.5	3.5	34	95	10.5	136.39	233.91	4.42	51.03	Stainless
ESS 3.5×34×97.5×11.5	3.5	34	97.5	11.5	141.75	233.91	4.13	51.03	Stainless
ESS 3.5×34×100×11.5	3.5	34	100	11.5	147.12	233.91	3.88	51.03	Stainless
ESS 3.5×34×102.5×12.5	3.5	34	102.5	12.5	152.49	233.91	3.66	51.03	Stainless
ESS 3.5×34×105×13.5	3.5	34	105	13.5	157.85	233.91	3.46	51.03	Stainless
ESS 3.5×34×107.5×13.5	3.5	34	107.5	13.5	163.22	233.91	3.28	51.03	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



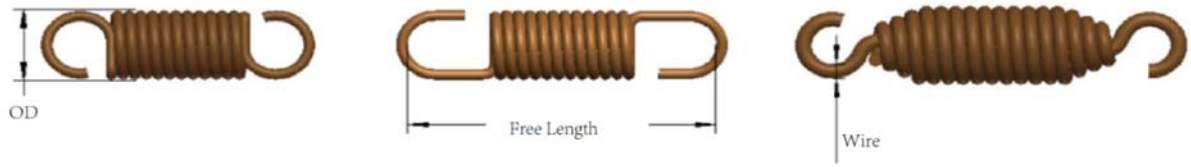
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3.5×34×110×14.5	3.5	34	110	14.5	168.58	233.91	3.12	51.03	Stainless
ESS 3.5×34×112.5×15.5	3.5	34	112.5	15.5	173.95	233.91	2.98	51.03	Stainless
ESS 3.5×34×115×16.5	3.5	34	115	16.5	179.32	233.91	2.84	51.03	Stainless
ESS 3.5×34×117.5×16.5	3.5	34	117.5	16.5	184.68	233.91	2.72	51.03	Stainless
ESS 3.5×34×120×17.5	3.5	34	120	17.5	190.05	233.91	2.61	51.03	Stainless
ESS 3.5×34×122.5×18.5	3.5	34	122.5	18.5	195.41	233.91	2.51	51.03	Stainless
ESS 3.5×34×125×18.5	3.5	34	125	18.5	200.78	233.91	2.41	51.03	Stainless
ESS 3.5×34×127.5×19.5	3.5	34	127.5	19.5	206.15	233.91	2.33	51.03	Stainless
ESS 3.5×34×130×20.5	3.5	34	130	20.5	211.51	233.91	2.24	51.03	Stainless
ESS 3.5×34×132.5×21.5	3.5	34	132.5	21.5	216.88	233.91	2.17	51.03	Stainless
ESS 3.5×34×135×21.5	3.5	34	135	21.5	222.25	233.91	2.1	51.03	Stainless
ESS 3.5×34×137.5×22.5	3.5	34	137.5	22.5	227.61	233.91	2.03	51.03	Stainless
ESS 3.5×34×140×23.5	3.5	34	140	23.5	232.98	233.91	1.97	51.03	Stainless
ESS 3.5×34×142.5×23.5	3.5	34	142.5	23.5	238.34	233.91	1.91	51.03	Stainless
ESM 4×34×100×10.5	4	34	100	10.5	138.52	429.43	8.86	87.98	Carbon
ESM 4×34×102.5×11.5	4	34	102.5	11.5	143.29	429.43	8.37	87.98	Carbon
ESM 4×34×105×11.5	4	34	105	11.5	148.06	429.43	7.93	87.98	Carbon
ESM 4×34×107.5×12.5	4	34	107.5	12.5	152.84	429.43	7.53	87.98	Carbon
ESM 4×34×110×13.5	4	34	110	13.5	157.61	429.43	7.17	87.98	Carbon
ESM 4×34×112.5×13.5	4	34	112.5	13.5	162.38	429.43	6.85	87.98	Carbon
ESM 4×34×115×14.5	4	34	115	14.5	167.15	429.43	6.55	87.98	Carbon
ESM 4×34×117.5×14.5	4	34	117.5	14.5	171.92	429.43	6.27	87.98	Carbon
ESM 4×34×120×15.5	4	34	120	15.5	176.69	429.43	6.02	87.98	Carbon
ESM 4×34×122.5×16.5	4	34	122.5	16.5	181.46	429.43	5.79	87.98	Carbon
ESM 4×34×125×16.5	4	34	125	16.5	186.23	429.43	5.58	87.98	Carbon
ESM 4×34×127.5×17.5	4	34	127.5	17.5	191.01	429.43	5.38	87.98	Carbon
ESM 4×34×130×18.5	4	34	130	18.5	195.78	429.43	5.19	87.98	Carbon
ESM 4×34×132.5×18.5	4	34	132.5	18.5	200.55	429.43	5.02	87.98	Carbon
ESM 4×34×135×19.5	4	34	135	19.5	205.32	429.43	4.86	87.98	Carbon
ESM 4×34×137.5×19.5	4	34	137.5	19.5	210.09	429.43	4.7	87.98	Carbon
ESM 4×34×140×20.5	4	34	140	20.5	214.86	429.43	4.56	87.98	Carbon
ESM 4×34×142.5×21.5	4	34	142.5	21.5	219.63	429.43	4.43	87.98	Carbon
ESM 4×34×145×21.5	4	34	145	21.5	224.4	429.43	4.3	87.98	Carbon
ESM 4×34×147.5×22.5	4	34	147.5	22.5	229.18	429.43	4.18	87.98	Carbon
ESS 4×34×100×10.5	4	34	100	10.5	133.52	346.32	7.71	87.98	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×34×102.5×11.5	4	34	102.5	11.5	137.99	346.32	7.28	87.98	Stainless
ESS 4×34×105×11.5	4	34	105	11.5	142.47	346.32	6.89	87.98	Stainless
ESS 4×34×107.5×12.5	4	34	107.5	12.5	146.95	346.32	6.55	87.98	Stainless
ESS 4×34×110×13.5	4	34	110	13.5	151.42	346.32	6.24	87.98	Stainless
ESS 4×34×112.5×13.5	4	34	112.5	13.5	155.9	346.32	5.95	87.98	Stainless
ESS 4×34×115×14.5	4	34	115	14.5	160.37	346.32	5.69	87.98	Stainless
ESS 4×34×117.5×14.5	4	34	117.5	14.5	164.85	346.32	5.46	87.98	Stainless
ESS 4×34×120×15.5	4	34	120	15.5	169.33	346.32	5.24	87.98	Stainless
ESS 4×34×122.5×16.5	4	34	122.5	16.5	173.8	346.32	5.04	87.98	Stainless
ESS 4×34×125×16.5	4	34	125	16.5	178.28	346.32	4.85	87.98	Stainless
ESS 4×34×127.5×17.5	4	34	127.5	17.5	182.76	346.32	4.68	87.98	Stainless
ESS 4×34×130×18.5	4	34	130	18.5	187.23	346.32	4.51	87.98	Stainless
ESS 4×34×132.5×18.5	4	34	132.5	18.5	191.71	346.32	4.36	87.98	Stainless
ESS 4×34×135×19.5	4	34	135	19.5	196.18	346.32	4.22	87.98	Stainless
ESS 4×34×137.5×19.5	4	34	137.5	19.5	200.66	346.32	4.09	87.98	Stainless
ESS 4×34×140×20.5	4	34	140	20.5	205.14	346.32	3.97	87.98	Stainless
ESS 4×34×142.5×21.5	4	34	142.5	21.5	209.61	346.32	3.85	87.98	Stainless
ESS 4×34×145×21.5	4	34	145	21.5	214.09	346.32	3.74	87.98	Stainless
ESS 4×34×147.5×22.5	4	34	147.5	22.5	218.56	346.32	3.64	87.98	Stainless
ESM 2.3×35×90×11.5	2.3	35	90	11.5	194.66	84.26	0.73	7.58	Carbon
ESM 2.3×35×92.5×12.5	2.3	35	92.5	12.5	207.24	84.26	0.67	7.58	Carbon
ESM 2.3×35×95×13.5	2.3	35	95	13.5	219.81	84.26	0.61	7.58	Carbon
ESM 2.3×35×97.5×14.5	2.3	35	97.5	14.5	232.38	84.26	0.57	7.58	Carbon
ESM 2.3×35×100×15.5	2.3	35	100	15.5	244.96	84.26	0.53	7.58	Carbon
ESM 2.3×35×102.5×16.5	2.3	35	102.5	16.5	257.51	84.26	0.49	7.58	Carbon
ESM 2.3×35×105×17.5	2.3	35	105	17.5	270.08	84.26	0.46	7.58	Carbon
ESM 2.3×35×107.5×18.5	2.3	35	107.5	18.5	282.65	84.26	0.44	7.58	Carbon
ESM 2.3×35×110×19.5	2.3	35	110	19.5	295.22	84.26	0.41	7.58	Carbon
ESM 2.3×35×112.5×21.5	2.3	35	112.5	21.5	307.82	84.26	0.39	7.58	Carbon
ESM 2.3×35×115×22.5	2.3	35	115	22.5	320.36	84.26	0.37	7.58	Carbon
ESM 2.3×35×117.5×23.5	2.3	35	117.5	23.5	332.96	84.26	0.36	7.58	Carbon
ESM 2.3×35×120×24.5	2.3	35	120	24.5	345.53	84.26	0.34	7.58	Carbon
ESM 2.3×35×122.5×25.5	2.3	35	122.5	25.5	358.08	84.26	0.33	7.58	Carbon
ESM 2.3×35×125×26.5	2.3	35	125	26.5	370.7	84.26	0.31	7.58	Carbon
ESM 2.3×35×127.5×27.5	2.3	35	127.5	27.5	383.28	84.26	0.3	7.58	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.3×35×130×28.5	2.3	35	130	28.5	395.79	84.26	0.29	7.58	Carbon
ESM 2.3×35×132.5×29.5	2.3	35	132.5	29.5	408.33	84.26	0.28	7.58	Carbon
ESM 2.3×35×135×30.5	2.3	35	135	30.5	420.91	84.26	0.27	7.58	Carbon
ESM 2.3×35×137.5×31.5	2.3	35	137.5	31.5	433.57	84.26	0.26	7.58	Carbon
ESS 2.3×35×90×11.5	2.3	35	90	11.5	196.81	72.78	0.61	7.58	Stainless
ESS 2.3×35×92.5×12.5	2.3	35	92.5	12.5	209.57	72.78	0.56	7.58	Stainless
ESS 2.3×35×95×13.5	2.3	35	95	13.5	222.35	72.78	0.51	7.58	Stainless
ESS 2.3×35×97.5×14.5	2.3	35	97.5	14.5	235.12	72.78	0.47	7.58	Stainless
ESS 2.3×35×100×15.5	2.3	35	100	15.5	247.89	72.78	0.44	7.58	Stainless
ESS 2.3×35×102.5×16.5	2.3	35	102.5	16.5	260.69	72.78	0.41	7.58	Stainless
ESS 2.3×35×105×17.5	2.3	35	105	17.5	273.45	72.78	0.39	7.58	Stainless
ESS 2.3×35×107.5×18.5	2.3	35	107.5	18.5	286.24	72.78	0.36	7.58	Stainless
ESS 2.3×35×110×19.5	2.3	35	110	19.5	299	72.78	0.35	7.58	Stainless
ESS 2.3×35×112.5×21.5	2.3	35	112.5	21.5	311.78	72.78	0.33	7.58	Stainless
ESS 2.3×35×115×22.5	2.3	35	115	22.5	324.6	72.78	0.31	7.58	Stainless
ESS 2.3×35×117.5×23.5	2.3	35	117.5	23.5	337.34	72.78	0.3	7.58	Stainless
ESS 2.3×35×120×24.5	2.3	35	120	24.5	350.08	72.78	0.28	7.58	Stainless
ESS 2.3×35×122.5×25.5	2.3	35	122.5	25.5	362.93	72.78	0.27	7.58	Stainless
ESS 2.3×35×125×26.5	2.3	35	125	26.5	375.69	72.78	0.26	7.58	Stainless
ESS 2.3×35×127.5×27.5	2.3	35	127.5	27.5	388.43	72.78	0.25	7.58	Stainless
ESS 2.3×35×130×28.5	2.3	35	130	28.5	401.24	72.78	0.24	7.58	Stainless
ESS 2.3×35×132.5×29.5	2.3	35	132.5	29.5	414.04	72.78	0.23	7.58	Stainless
ESS 2.3×35×135×30.5	2.3	35	135	30.5	426.75	72.78	0.22	7.58	Stainless
ESS 2.3×35×137.5×31.5	2.3	35	137.5	31.5	439.52	72.78	0.22	7.58	Stainless
ESM 2.4×35×90×10.5	2.4	35	90	10.5	185.07	95.34	0.91	9.23	Carbon
ESM 2.4×35×92.5×11.5	2.4	35	92.5	11.5	196.63	95.34	0.83	9.23	Carbon
ESM 2.4×35×95×13.5	2.4	35	95	13.5	208.2	95.34	0.76	9.23	Carbon
ESM 2.4×35×97.5×14.5	2.4	35	97.5	14.5	219.74	95.34	0.7	9.23	Carbon
ESM 2.4×35×100×15.5	2.4	35	100	15.5	231.3	95.34	0.66	9.23	Carbon
ESM 2.4×35×102.5×16.5	2.4	35	102.5	16.5	242.86	95.34	0.61	9.23	Carbon
ESM 2.4×35×105×17.5	2.4	35	105	17.5	254.42	95.34	0.58	9.23	Carbon
ESM 2.4×35×107.5×18.5	2.4	35	107.5	18.5	265.99	95.34	0.54	9.23	Carbon
ESM 2.4×35×110×19.5	2.4	35	110	19.5	277.53	95.34	0.51	9.23	Carbon
ESM 2.4×35×112.5×20.5	2.4	35	112.5	20.5	289.1	95.34	0.49	9.23	Carbon
ESM 2.4×35×115×21.5	2.4	35	115	21.5	300.66	95.34	0.46	9.23	Carbon

M: Carbon Steel;
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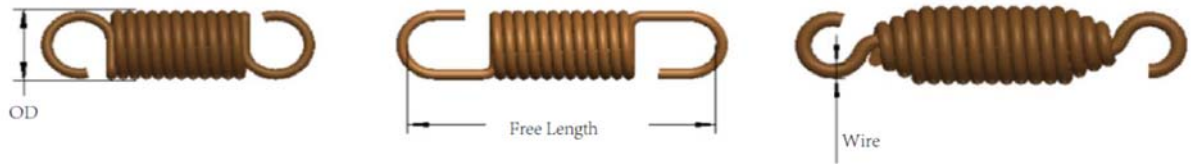
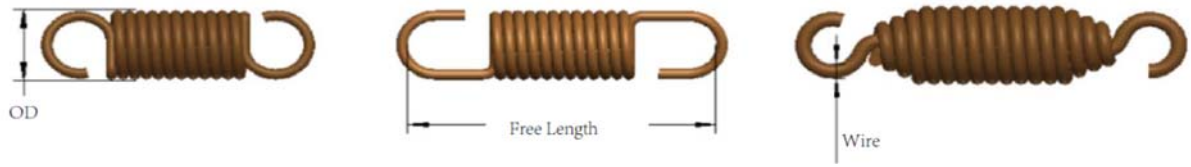
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×35×117.5×22.5	2.4	35	117.5	22.5	312.23	95.34	0.44	9.23	Carbon
ESM 2.4×35×120×23.5	2.4	35	120	23.5	323.76	95.34	0.42	9.23	Carbon
ESM 2.4×35×122.5×24.5	2.4	35	122.5	24.5	335.32	95.34	0.4	9.23	Carbon
ESM 2.4×35×125×25.5	2.4	35	125	25.5	346.87	95.34	0.39	9.23	Carbon
ESM 2.4×35×127.5×26.5	2.4	35	127.5	26.5	358.42	95.34	0.37	9.23	Carbon
ESM 2.4×35×130×27.5	2.4	35	130	27.5	369.99	95.34	0.36	9.23	Carbon
ESM 2.4×35×132.5×28.5	2.4	35	132.5	28.5	381.58	95.34	0.35	9.23	Carbon
ESM 2.4×35×135×29.5	2.4	35	135	29.5	393.12	95.34	0.33	9.23	Carbon
ESM 2.4×35×137.5×30.5	2.4	35	137.5	30.5	404.67	95.34	0.32	9.23	Carbon
ESS 2.4×35×90×10.5	2.4	35	90	10.5	186.77	82.26	0.75	9.23	Stainless
ESS 2.4×35×92.5×11.5	2.4	35	92.5	11.5	198.48	82.26	0.69	9.23	Stainless
ESS 2.4×35×95×13.5	2.4	35	95	13.5	210.21	82.26	0.63	9.23	Stainless
ESS 2.4×35×97.5×14.5	2.4	35	97.5	14.5	221.91	82.26	0.59	9.23	Stainless
ESS 2.4×35×100×15.5	2.4	35	100	15.5	233.63	82.26	0.55	9.23	Stainless
ESS 2.4×35×102.5×16.5	2.4	35	102.5	16.5	245.36	82.26	0.51	9.23	Stainless
ESS 2.4×35×105×17.5	2.4	35	105	17.5	257.08	82.26	0.48	9.23	Stainless
ESS 2.4×35×107.5×18.5	2.4	35	107.5	18.5	268.78	82.26	0.45	9.23	Stainless
ESS 2.4×35×110×19.5	2.4	35	110	19.5	280.51	82.26	0.43	9.23	Stainless
ESS 2.4×35×112.5×20.5	2.4	35	112.5	20.5	292.24	82.26	0.41	9.23	Stainless
ESS 2.4×35×115×21.5	2.4	35	115	21.5	303.95	82.26	0.39	9.23	Stainless
ESS 2.4×35×117.5×22.5	2.4	35	117.5	22.5	315.68	82.26	0.37	9.23	Stainless
ESS 2.4×35×120×23.5	2.4	35	120	23.5	327.41	82.26	0.35	9.23	Stainless
ESS 2.4×35×122.5×24.5	2.4	35	122.5	24.5	339.07	82.26	0.34	9.23	Stainless
ESS 2.4×35×125×25.5	2.4	35	125	25.5	350.82	82.26	0.32	9.23	Stainless
ESS 2.4×35×127.5×26.5	2.4	35	127.5	26.5	362.55	82.26	0.31	9.23	Stainless
ESS 2.4×35×130×27.5	2.4	35	130	27.5	374.24	82.26	0.3	9.23	Stainless
ESS 2.4×35×132.5×28.5	2.4	35	132.5	28.5	385.99	82.26	0.29	9.23	Stainless
ESS 2.4×35×135×29.5	2.4	35	135	29.5	397.69	82.26	0.28	9.23	Stainless
ESS 2.4×35×137.5×30.5	2.4	35	137.5	30.5	409.39	82.26	0.27	9.23	Stainless
ESM 2.5×35×92.5×11.5	2.5	35	92.5	11.5	187.32	107.31	1.01	11.13	Carbon
ESM 2.5×35×95×12.5	2.5	35	95	12.5	197.99	107.31	0.93	11.13	Carbon
ESM 2.5×35×97.5×13.5	2.5	35	97.5	13.5	208.67	107.31	0.87	11.13	Carbon
ESM 2.5×35×100×14.5	2.5	35	100	14.5	219.35	107.31	0.81	11.13	Carbon
ESM 2.5×35×102.5×15.5	2.5	35	102.5	15.5	230.02	107.31	0.75	11.13	Carbon
ESM 2.5×35×105×16.5	2.5	35	105	16.5	240.7	107.31	0.71	11.13	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.5×35×107.5×17.5	2.5	35	107.5	17.5	251.36	107.31	0.67	11.13	Carbon
ESM 2.5×35×110×18.5	2.5	35	110	18.5	262.05	107.31	0.63	11.13	Carbon
ESM 2.5×35×112.5×19.5	2.5	35	112.5	19.5	272.73	107.31	0.6	11.13	Carbon
ESM 2.5×35×115×20.5	2.5	35	115	20.5	283.39	107.31	0.57	11.13	Carbon
ESM 2.5×35×117.5×21.5	2.5	35	117.5	21.5	294.05	107.31	0.54	11.13	Carbon
ESM 2.5×35×120×22.5	2.5	35	120	22.5	304.76	107.31	0.52	11.13	Carbon
ESM 2.5×35×122.5×23.5	2.5	35	122.5	23.5	315.41	107.31	0.5	11.13	Carbon
ESM 2.5×35×125×24.5	2.5	35	125	24.5	326.1	107.31	0.48	11.13	Carbon
ESM 2.5×35×127.5×25.5	2.5	35	127.5	25.5	336.78	107.31	0.46	11.13	Carbon
ESM 2.5×35×130×26.5	2.5	35	130	26.5	347.42	107.31	0.44	11.13	Carbon
ESM 2.5×35×132.5×27.5	2.5	35	132.5	27.5	358.13	107.31	0.43	11.13	Carbon
ESM 2.5×35×135×28.5	2.5	35	135	28.5	368.8	107.31	0.41	11.13	Carbon
ESM 2.5×35×137.5×29.5	2.5	35	137.5	29.5	379.47	107.31	0.4	11.13	Carbon
ESM 2.5×35×140×30.5	2.5	35	140	30.5	390.16	107.31	0.38	11.13	Carbon
ESS 2.5×35×92.5×11.5	2.5	35	92.5	11.5	188.74	92.48	0.85	11.13	Stainless
ESS 2.5×35×95×12.5	2.5	35	95	12.5	199.54	92.48	0.78	11.13	Stainless
ESS 2.5×35×97.5×13.5	2.5	35	97.5	13.5	210.34	92.48	0.72	11.13	Stainless
ESS 2.5×35×100×14.5	2.5	35	100	14.5	221.14	92.48	0.67	11.13	Stainless
ESS 2.5×35×102.5×15.5	2.5	35	102.5	15.5	231.92	92.48	0.63	11.13	Stainless
ESS 2.5×35×105×16.5	2.5	35	105	16.5	242.73	92.48	0.59	11.13	Stainless
ESS 2.5×35×107.5×17.5	2.5	35	107.5	17.5	253.53	92.48	0.56	11.13	Stainless
ESS 2.5×35×110×18.5	2.5	35	110	18.5	264.32	92.48	0.53	11.13	Stainless
ESS 2.5×35×112.5×19.5	2.5	35	112.5	19.5	275.11	92.48	0.5	11.13	Stainless
ESS 2.5×35×115×20.5	2.5	35	115	20.5	285.92	92.48	0.48	11.13	Stainless
ESS 2.5×35×117.5×21.5	2.5	35	117.5	21.5	296.7	92.48	0.45	11.13	Stainless
ESS 2.5×35×120×22.5	2.5	35	120	22.5	307.5	92.48	0.43	11.13	Stainless
ESS 2.5×35×122.5×23.5	2.5	35	122.5	23.5	318.3	92.48	0.42	11.13	Stainless
ESS 2.5×35×125×24.5	2.5	35	125	24.5	329.1	92.48	0.4	11.13	Stainless
ESS 2.5×35×127.5×25.5	2.5	35	127.5	25.5	339.92	92.48	0.38	11.13	Stainless
ESS 2.5×35×130×26.5	2.5	35	130	26.5	350.72	92.48	0.37	11.13	Stainless
ESS 2.5×35×132.5×27.5	2.5	35	132.5	27.5	361.48	92.48	0.36	11.13	Stainless
ESS 2.5×35×135×28.5	2.5	35	135	28.5	372.26	92.48	0.34	11.13	Stainless
ESS 2.5×35×137.5×29.5	2.5	35	137.5	29.5	383.07	92.48	0.33	11.13	Stainless
ESS 2.5×35×140×30.5	2.5	35	140	30.5	393.92	92.48	0.32	11.13	Stainless
ESM 2.6×35×92.5×11.5	2.6	35	92.5	11.5	182.5	119.76	1.18	13.29	Carbon

M: Carbon Steel;
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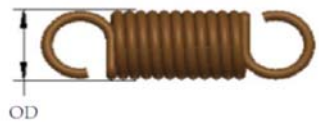
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.6×35×95×12.5	2.6	35	95	12.5	192.69	119.76	1.09	13.29	Carbon
ESM 2.6×35×97.5×13.5	2.6	35	97.5	13.5	202.88	119.76	1.01	13.29	Carbon
ESM 2.6×35×100×14.5	2.6	35	100	14.5	213.07	119.76	0.94	13.29	Carbon
ESM 2.6×35×102.5×15.5	2.6	35	102.5	15.5	223.26	119.76	0.88	13.29	Carbon
ESM 2.6×35×105×16.5	2.6	35	105	16.5	233.44	119.76	0.83	13.29	Carbon
ESM 2.6×35×107.5×17.5	2.6	35	107.5	17.5	243.64	119.76	0.78	13.29	Carbon
ESM 2.6×35×110×17.5	2.6	35	110	17.5	253.83	119.76	0.74	13.29	Carbon
ESM 2.6×35×112.5×18.5	2.6	35	112.5	18.5	264.03	119.76	0.7	13.29	Carbon
ESM 2.6×35×115×19.5	2.6	35	115	19.5	274.21	119.76	0.67	13.29	Carbon
ESM 2.6×35×117.5×20.5	2.6	35	117.5	20.5	284.39	119.76	0.64	13.29	Carbon
ESM 2.6×35×120×21.5	2.6	35	120	21.5	294.58	119.76	0.61	13.29	Carbon
ESM 2.6×35×122.5×22.5	2.6	35	122.5	22.5	304.76	119.76	0.58	13.29	Carbon
ESM 2.6×35×125×23.5	2.6	35	125	23.5	314.97	119.76	0.56	13.29	Carbon
ESM 2.6×35×127.5×24.5	2.6	35	127.5	24.5	325.16	119.76	0.54	13.29	Carbon
ESM 2.6×35×130×25.5	2.6	35	130	25.5	335.36	119.76	0.52	13.29	Carbon
ESM 2.6×35×132.5×26.5	2.6	35	132.5	26.5	345.54	119.76	0.5	13.29	Carbon
ESM 2.6×35×135×27.5	2.6	35	135	27.5	355.73	119.76	0.48	13.29	Carbon
ESM 2.6×35×137.5×28.5	2.6	35	137.5	28.5	365.9	119.76	0.47	13.29	Carbon
ESM 2.6×35×140×29.5	2.6	35	140	29.5	376.09	119.76	0.45	13.29	Carbon
ESS 2.6×35×92.5×11.5	2.6	35	92.5	11.5	180.16	103.47	1.03	13.29	Stainless
ESS 2.6×35×95×12.5	2.6	35	95	12.5	190.15	103.47	0.95	13.29	Stainless
ESS 2.6×35×97.5×13.5	2.6	35	97.5	13.5	200.15	103.47	0.88	13.29	Stainless
ESS 2.6×35×100×14.5	2.6	35	100	14.5	210.13	103.47	0.82	13.29	Stainless
ESS 2.6×35×102.5×15.5	2.6	35	102.5	15.5	220.13	103.47	0.77	13.29	Stainless
ESS 2.6×35×105×16.5	2.6	35	105	16.5	230.12	103.47	0.72	13.29	Stainless
ESS 2.6×35×107.5×17.5	2.6	35	107.5	17.5	240.11	103.47	0.68	13.29	Stainless
ESS 2.6×35×110×17.5	2.6	35	110	17.5	250.08	103.47	0.64	13.29	Stainless
ESS 2.6×35×112.5×18.5	2.6	35	112.5	18.5	260.08	103.47	0.61	13.29	Stainless
ESS 2.6×35×115×19.5	2.6	35	115	19.5	270.07	103.47	0.58	13.29	Stainless
ESS 2.6×35×117.5×20.5	2.6	35	117.5	20.5	280.06	103.47	0.55	13.29	Stainless
ESS 2.6×35×120×21.5	2.6	35	120	21.5	290.07	103.47	0.53	13.29	Stainless
ESS 2.6×35×122.5×22.5	2.6	35	122.5	22.5	300.03	103.47	0.51	13.29	Stainless
ESS 2.6×35×125×23.5	2.6	35	125	23.5	310.04	103.47	0.49	13.29	Stainless
ESS 2.6×35×127.5×24.5	2.6	35	127.5	24.5	320.04	103.47	0.47	13.29	Stainless
ESS 2.6×35×130×25.5	2.6	35	130	25.5	330.01	103.47	0.45	13.29	Stainless

M: Carbon Steel;
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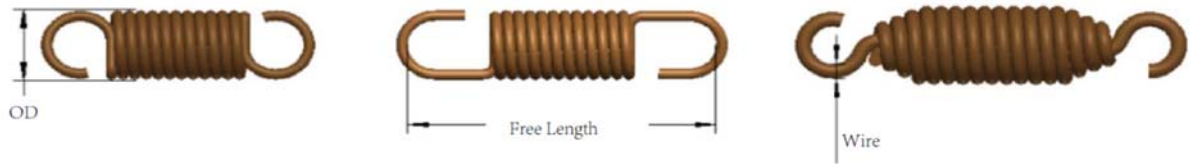
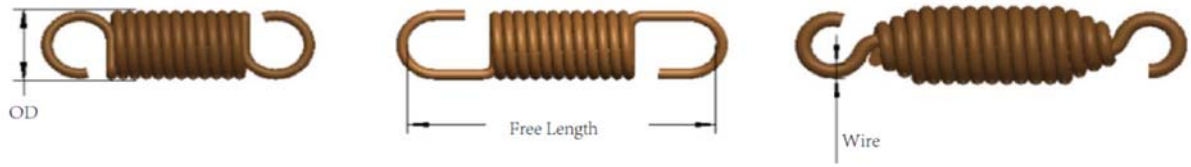
OD:Outer Diameter
Max Length - Max Load



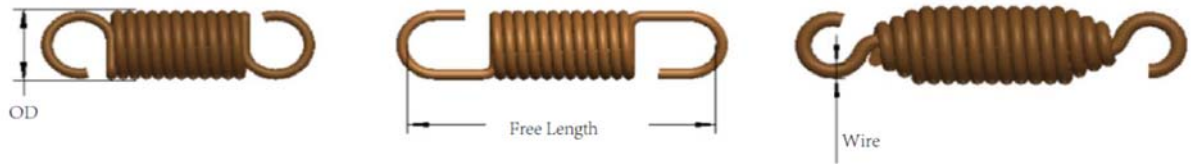
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×35×132.5×26.5	2.6	35	132.5	26.5	340.02	103.47	0.43	13.29	Stainless
ESS 2.6×35×135×27.5	2.6	35	135	27.5	349.99	103.47	0.42	13.29	Stainless
ESS 2.6×35×137.5×28.5	2.6	35	137.5	28.5	359.96	103.47	0.41	13.29	Stainless
ESS 2.6×35×140×29.5	2.6	35	140	29.5	369.95	103.47	0.39	13.29	Stainless
ESM 2.7×35×92.5×10.5	2.7	35	92.5	10.5	174.93	133.55	1.43	15.73	Carbon
ESM 2.7×35×95×11.5	2.7	35	95	11.5	184.41	133.55	1.32	15.73	Carbon
ESM 2.7×35×97.5×12.5	2.7	35	97.5	12.5	193.88	133.55	1.22	15.73	Carbon
ESM 2.7×35×100×13.5	2.7	35	100	13.5	203.37	133.55	1.14	15.73	Carbon
ESM 2.7×35×102.5×14.5	2.7	35	102.5	14.5	212.85	133.55	1.07	15.73	Carbon
ESM 2.7×35×105×15.5	2.7	35	105	15.5	222.33	133.55	1	15.73	Carbon
ESM 2.7×35×107.5×16.5	2.7	35	107.5	16.5	231.81	133.55	0.95	15.73	Carbon
ESM 2.7×35×110×17.5	2.7	35	110	17.5	241.29	133.55	0.9	15.73	Carbon
ESM 2.7×35×112.5×18.5	2.7	35	112.5	18.5	250.77	133.55	0.85	15.73	Carbon
ESM 2.7×35×115×19.5	2.7	35	115	19.5	260.24	133.55	0.81	15.73	Carbon
ESM 2.7×35×117.5×20.5	2.7	35	117.5	20.5	269.72	133.55	0.77	15.73	Carbon
ESM 2.7×35×120×21.5	2.7	35	120	21.5	279.22	133.55	0.74	15.73	Carbon
ESM 2.7×35×122.5×22.5	2.7	35	122.5	22.5	288.7	133.55	0.71	15.73	Carbon
ESM 2.7×35×125×22.5	2.7	35	125	22.5	298.16	133.55	0.68	15.73	Carbon
ESM 2.7×35×127.5×23.5	2.7	35	127.5	23.5	307.65	133.55	0.65	15.73	Carbon
ESM 2.7×35×130×24.5	2.7	35	130	24.5	317.13	133.55	0.63	15.73	Carbon
ESM 2.7×35×132.5×25.5	2.7	35	132.5	25.5	326.6	133.55	0.61	15.73	Carbon
ESM 2.7×35×135×26.5	2.7	35	135	26.5	336.09	133.55	0.59	15.73	Carbon
ESM 2.7×35×137.5×27.5	2.7	35	137.5	27.5	345.59	133.55	0.57	15.73	Carbon
ESM 2.7×35×140×28.5	2.7	35	140	28.5	355.04	133.55	0.55	15.73	Carbon
ESS 2.7×35×92.5×10.5	2.7	35	92.5	10.5	172.56	115.25	1.24	15.73	Stainless
ESS 2.7×35×95×11.5	2.7	35	95	11.5	181.85	115.25	1.15	15.73	Stainless
ESS 2.7×35×97.5×12.5	2.7	35	97.5	12.5	191.13	115.25	1.06	15.73	Stainless
ESS 2.7×35×100×13.5	2.7	35	100	13.5	200.41	115.25	0.99	15.73	Stainless
ESS 2.7×35×102.5×14.5	2.7	35	102.5	14.5	209.69	115.25	0.93	15.73	Stainless
ESS 2.7×35×105×15.5	2.7	35	105	15.5	218.97	115.25	0.87	15.73	Stainless
ESS 2.7×35×107.5×16.5	2.7	35	107.5	16.5	228.25	115.25	0.82	15.73	Stainless
ESS 2.7×35×110×17.5	2.7	35	110	17.5	237.52	115.25	0.78	15.73	Stainless
ESS 2.7×35×112.5×18.5	2.7	35	112.5	18.5	246.8	115.25	0.74	15.73	Stainless
ESS 2.7×35×115×19.5	2.7	35	115	19.5	256.1	115.25	0.71	15.73	Stainless
ESS 2.7×35×117.5×20.5	2.7	35	117.5	20.5	265.37	115.25	0.67	15.73	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



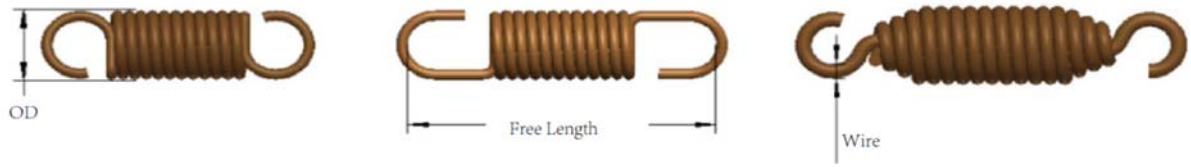
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×35×120×21.5	2.7	35	120	21.5	274.65	115.25	0.64	15.73	Stainless
ESS 2.7×35×122.5×22.5	2.7	35	122.5	22.5	283.93	115.25	0.62	15.73	Stainless
ESS 2.7×35×125×22.5	2.7	35	125	22.5	293.22	115.25	0.59	15.73	Stainless
ESS 2.7×35×127.5×23.5	2.7	35	127.5	23.5	302.49	115.25	0.57	15.73	Stainless
ESS 2.7×35×130×24.5	2.7	35	130	24.5	311.77	115.25	0.55	15.73	Stainless
ESS 2.7×35×132.5×25.5	2.7	35	132.5	25.5	321.05	115.25	0.53	15.73	Stainless
ESS 2.7×35×135×26.5	2.7	35	135	26.5	330.33	115.25	0.51	15.73	Stainless
ESS 2.7×35×137.5×27.5	2.7	35	137.5	27.5	339.61	115.25	0.49	15.73	Stainless
ESS 2.7×35×140×28.5	2.7	35	140	28.5	348.9	115.25	0.48	15.73	Stainless
ESM 2.8×35×95×11.5	2.8	35	95	11.5	177.04	148.3	1.58	18.47	Carbon
ESM 2.8×35×97.5×12.5	2.8	35	97.5	12.5	185.89	148.3	1.47	18.47	Carbon
ESM 2.8×35×100×13.5	2.8	35	100	13.5	194.74	148.3	1.37	18.47	Carbon
ESM 2.8×35×102.5×14.5	2.8	35	102.5	14.5	203.59	148.3	1.28	18.47	Carbon
ESM 2.8×35×105×15.5	2.8	35	105	15.5	212.45	148.3	1.21	18.47	Carbon
ESM 2.8×35×107.5×15.5	2.8	35	107.5	15.5	221.3	148.3	1.14	18.47	Carbon
ESM 2.8×35×110×16.5	2.8	35	110	16.5	230.15	148.3	1.08	18.47	Carbon
ESM 2.8×35×112.5×17.5	2.8	35	112.5	17.5	239.01	148.3	1.03	18.47	Carbon
ESM 2.8×35×115×18.5	2.8	35	115	18.5	247.87	148.3	0.98	18.47	Carbon
ESM 2.8×35×117.5×19.5	2.8	35	117.5	19.5	256.72	148.3	0.93	18.47	Carbon
ESM 2.8×35×120×20.5	2.8	35	120	20.5	265.58	148.3	0.89	18.47	Carbon
ESM 2.8×35×122.5×21.5	2.8	35	122.5	21.5	274.43	148.3	0.85	18.47	Carbon
ESM 2.8×35×125×22.5	2.8	35	125	22.5	283.29	148.3	0.82	18.47	Carbon
ESM 2.8×35×127.5×23.5	2.8	35	127.5	23.5	292.13	148.3	0.79	18.47	Carbon
ESM 2.8×35×130×24.5	2.8	35	130	24.5	300.98	148.3	0.76	18.47	Carbon
ESM 2.8×35×132.5×24.5	2.8	35	132.5	24.5	309.83	148.3	0.73	18.47	Carbon
ESM 2.8×35×135×25.5	2.8	35	135	25.5	318.71	148.3	0.71	18.47	Carbon
ESM 2.8×35×137.5×26.5	2.8	35	137.5	26.5	327.55	148.3	0.68	18.47	Carbon
ESM 2.8×35×140×27.5	2.8	35	140	27.5	336.41	148.3	0.66	18.47	Carbon
ESM 2.8×35×142.5×28.5	2.8	35	142.5	28.5	345.26	148.3	0.64	18.47	Carbon
ESS 2.8×35×95×11.5	2.8	35	95	11.5	174.47	127.82	1.38	18.47	Stainless
ESS 2.8×35×97.5×12.5	2.8	35	97.5	12.5	183.12	127.82	1.28	18.47	Stainless
ESS 2.8×35×100×13.5	2.8	35	100	13.5	191.78	127.82	1.19	18.47	Stainless
ESS 2.8×35×102.5×14.5	2.8	35	102.5	14.5	200.42	127.82	1.12	18.47	Stainless
ESS 2.8×35×105×15.5	2.8	35	105	15.5	209.09	127.82	1.05	18.47	Stainless
ESS 2.8×35×107.5×15.5	2.8	35	107.5	15.5	217.73	127.82	0.99	18.47	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



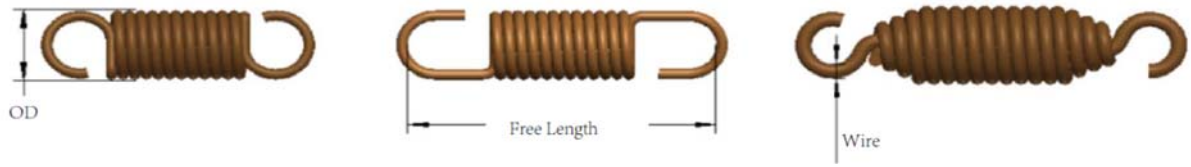
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.8×35×110×16.5	2.8	35	110	16.5	226.39	127.82	0.94	18.47	Stainless
ESS 2.8×35×112.5×17.5	2.8	35	112.5	17.5	235.05	127.82	0.89	18.47	Stainless
ESS 2.8×35×115×18.5	2.8	35	115	18.5	243.69	127.82	0.85	18.47	Stainless
ESS 2.8×35×117.5×19.5	2.8	35	117.5	19.5	252.35	127.82	0.81	18.47	Stainless
ESS 2.8×35×120×20.5	2.8	35	120	20.5	261.01	127.82	0.78	18.47	Stainless
ESS 2.8×35×122.5×21.5	2.8	35	122.5	21.5	269.66	127.82	0.74	18.47	Stainless
ESS 2.8×35×125×22.5	2.8	35	125	22.5	278.33	127.82	0.71	18.47	Stainless
ESS 2.8×35×127.5×23.5	2.8	35	127.5	23.5	286.97	127.82	0.69	18.47	Stainless
ESS 2.8×35×130×24.5	2.8	35	130	24.5	295.63	127.82	0.66	18.47	Stainless
ESS 2.8×35×132.5×24.5	2.8	35	132.5	24.5	304.27	127.82	0.64	18.47	Stainless
ESS 2.8×35×135×25.5	2.8	35	135	25.5	312.92	127.82	0.61	18.47	Stainless
ESS 2.8×35×137.5×26.5	2.8	35	137.5	26.5	321.59	127.82	0.59	18.47	Stainless
ESS 2.8×35×140×27.5	2.8	35	140	27.5	330.24	127.82	0.57	18.47	Stainless
ESS 2.8×35×142.5×28.5	2.8	35	142.5	28.5	338.89	127.82	0.56	18.47	Stainless
ESM 2.9×35×95×11.5	2.9	35	95	11.5	170.13	163.43	1.89	21.54	Carbon
ESM 2.9×35×97.5×12.5	2.9	35	97.5	12.5	178.4	163.43	1.75	21.54	Carbon
ESM 2.9×35×100×12.5	2.9	35	100	12.5	186.67	163.43	1.64	21.54	Carbon
ESM 2.9×35×102.5×13.5	2.9	35	102.5	13.5	194.95	163.43	1.53	21.54	Carbon
ESM 2.9×35×105×14.5	2.9	35	105	14.5	203.22	163.43	1.44	21.54	Carbon
ESM 2.9×35×107.5×15.5	2.9	35	107.5	15.5	211.49	163.43	1.36	21.54	Carbon
ESM 2.9×35×110×16.5	2.9	35	110	16.5	219.77	163.43	1.29	21.54	Carbon
ESM 2.9×35×112.5×17.5	2.9	35	112.5	17.5	228.03	163.43	1.23	21.54	Carbon
ESM 2.9×35×115×18.5	2.9	35	115	18.5	236.31	163.43	1.17	21.54	Carbon
ESM 2.9×35×117.5×18.5	2.9	35	117.5	18.5	244.58	163.43	1.12	21.54	Carbon
ESM 2.9×35×120×19.5	2.9	35	120	19.5	252.85	163.43	1.07	21.54	Carbon
ESM 2.9×35×122.5×20.5	2.9	35	122.5	20.5	261.13	163.43	1.02	21.54	Carbon
ESM 2.9×35×125×21.5	2.9	35	125	21.5	269.4	163.43	0.98	21.54	Carbon
ESM 2.9×35×127.5×22.5	2.9	35	127.5	22.5	277.68	163.43	0.94	21.54	Carbon
ESM 2.9×35×130×23.5	2.9	35	130	23.5	285.94	163.43	0.91	21.54	Carbon
ESM 2.9×35×132.5×24.5	2.9	35	132.5	24.5	294.21	163.43	0.88	21.54	Carbon
ESM 2.9×35×135×25.5	2.9	35	135	25.5	302.5	163.43	0.85	21.54	Carbon
ESM 2.9×35×137.5×25.5	2.9	35	137.5	25.5	310.76	163.43	0.82	21.54	Carbon
ESM 2.9×35×140×26.5	2.9	35	140	26.5	319.04	163.43	0.79	21.54	Carbon
ESM 2.9×35×142.5×27.5	2.9	35	142.5	27.5	327.3	163.43	0.77	21.54	Carbon
ESS 2.9×35×95×11.5	2.9	35	95	11.5	167.88	141.22	1.64	21.54	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.9×35×97.5×12.5	2.9	35	97.5	12.5	175.98	141.22	1.53	21.54	Stainless
ESS 2.9×35×100×12.5	2.9	35	100	12.5	184.08	141.22	1.42	21.54	Stainless
ESS 2.9×35×102.5×13.5	2.9	35	102.5	13.5	192.18	141.22	1.33	21.54	Stainless
ESS 2.9×35×105×14.5	2.9	35	105	14.5	200.28	141.22	1.26	21.54	Stainless
ESS 2.9×35×107.5×15.5	2.9	35	107.5	15.5	208.38	141.22	1.19	21.54	Stainless
ESS 2.9×35×110×16.5	2.9	35	110	16.5	216.48	141.22	1.12	21.54	Stainless
ESS 2.9×35×112.5×17.5	2.9	35	112.5	17.5	224.57	141.22	1.07	21.54	Stainless
ESS 2.9×35×115×18.5	2.9	35	115	18.5	232.67	141.22	1.02	21.54	Stainless
ESS 2.9×35×117.5×18.5	2.9	35	117.5	18.5	240.77	141.22	0.97	21.54	Stainless
ESS 2.9×35×120×19.5	2.9	35	120	19.5	248.87	141.22	0.93	21.54	Stainless
ESS 2.9×35×122.5×20.5	2.9	35	122.5	20.5	256.98	141.22	0.89	21.54	Stainless
ESS 2.9×35×125×21.5	2.9	35	125	21.5	265.08	141.22	0.85	21.54	Stainless
ESS 2.9×35×127.5×22.5	2.9	35	127.5	22.5	273.17	141.22	0.82	21.54	Stainless
ESS 2.9×35×130×23.5	2.9	35	130	23.5	281.27	141.22	0.79	21.54	Stainless
ESS 2.9×35×132.5×24.5	2.9	35	132.5	24.5	289.38	141.22	0.76	21.54	Stainless
ESS 2.9×35×135×25.5	2.9	35	135	25.5	297.48	141.22	0.74	21.54	Stainless
ESS 2.9×35×137.5×25.5	2.9	35	137.5	25.5	305.57	141.22	0.71	21.54	Stainless
ESS 2.9×35×140×26.5	2.9	35	140	26.5	313.68	141.22	0.69	21.54	Stainless
ESS 2.9×35×142.5×27.5	2.9	35	142.5	27.5	321.78	141.22	0.67	21.54	Stainless
ESM 3×35×95×10.5	3	35	95	10.5	164.25	180.12	2.24	24.95	Carbon
ESM 3×35×97.5×11.5	3	35	97.5	11.5	172.03	180.12	2.08	24.95	Carbon
ESM 3×35×100×12.5	3	35	100	12.5	179.81	180.12	1.94	24.95	Carbon
ESM 3×35×102.5×13.5	3	35	102.5	13.5	187.59	180.12	1.82	24.95	Carbon
ESM 3×35×105×14.5	3	35	105	14.5	195.37	180.12	1.72	24.95	Carbon
ESM 3×35×107.5×15.5	3	35	107.5	15.5	203.14	180.12	1.62	24.95	Carbon
ESM 3×35×110×15.5	3	35	110	15.5	210.93	180.12	1.54	24.95	Carbon
ESM 3×35×112.5×16.5	3	35	112.5	16.5	218.7	180.12	1.46	24.95	Carbon
ESM 3×35×115×17.5	3	35	115	17.5	226.48	180.12	1.39	24.95	Carbon
ESM 3×35×117.5×18.5	3	35	117.5	18.5	234.26	180.12	1.33	24.95	Carbon
ESM 3×35×120×19.5	3	35	120	19.5	242.04	180.12	1.27	24.95	Carbon
ESM 3×35×122.5×20.5	3	35	122.5	20.5	249.82	180.12	1.22	24.95	Carbon
ESM 3×35×125×20.5	3	35	125	20.5	257.6	180.12	1.17	24.95	Carbon
ESM 3×35×127.5×21.5	3	35	127.5	21.5	265.37	180.12	1.13	24.95	Carbon
ESM 3×35×130×22.5	3	35	130	22.5	273.15	180.12	1.08	24.95	Carbon
ESM 3×35×132.5×23.5	3	35	132.5	23.5	280.94	180.12	1.05	24.95	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×35×135×24.5	3	35	135	24.5	288.7	180.12	1.01	24.95	Carbon
ESM 3×35×137.5×25.5	3	35	137.5	25.5	296.5	180.12	0.98	24.95	Carbon
ESM 3×35×140×25.5	3	35	140	25.5	304.26	180.12	0.94	24.95	Carbon
ESM 3×35×142.5×26.5	3	35	142.5	26.5	312.04	180.12	0.92	24.95	Carbon
ESS 3×35×95×10.5	3	35	95	10.5	161.99	155.46	1.95	24.95	Stainless
ESS 3×35×97.5×11.5	3	35	97.5	11.5	169.59	155.46	1.81	24.95	Stainless
ESS 3×35×100×12.5	3	35	100	12.5	177.2	155.46	1.69	24.95	Stainless
ESS 3×35×102.5×13.5	3	35	102.5	13.5	184.8	155.46	1.59	24.95	Stainless
ESS 3×35×105×14.5	3	35	105	14.5	192.41	155.46	1.49	24.95	Stainless
ESS 3×35×107.5×15.5	3	35	107.5	15.5	200.01	155.46	1.41	24.95	Stainless
ESS 3×35×110×15.5	3	35	110	15.5	207.62	155.46	1.34	24.95	Stainless
ESS 3×35×112.5×16.5	3	35	112.5	16.5	215.23	155.46	1.27	24.95	Stainless
ESS 3×35×115×17.5	3	35	115	17.5	222.83	155.46	1.21	24.95	Stainless
ESS 3×35×117.5×18.5	3	35	117.5	18.5	230.44	155.46	1.16	24.95	Stainless
ESS 3×35×120×19.5	3	35	120	19.5	238.04	155.46	1.11	24.95	Stainless
ESS 3×35×122.5×20.5	3	35	122.5	20.5	245.66	155.46	1.06	24.95	Stainless
ESS 3×35×125×20.5	3	35	125	20.5	253.25	155.46	1.02	24.95	Stainless
ESS 3×35×127.5×21.5	3	35	127.5	21.5	260.86	155.46	0.98	24.95	Stainless
ESS 3×35×130×22.5	3	35	130	22.5	268.47	155.46	0.94	24.95	Stainless
ESS 3×35×132.5×23.5	3	35	132.5	23.5	276.07	155.46	0.91	24.95	Stainless
ESS 3×35×135×24.5	3	35	135	24.5	283.68	155.46	0.88	24.95	Stainless
ESS 3×35×137.5×25.5	3	35	137.5	25.5	291.29	155.46	0.85	24.95	Stainless
ESS 3×35×140×25.5	3	35	140	25.5	298.89	155.46	0.82	24.95	Stainless
ESS 3×35×142.5×26.5	3	35	142.5	26.5	306.5	155.46	0.8	24.95	Stainless
ESM 3.5×35×100×11.5	3.5	35	100	11.5	153.85	277.3	4.26	47.95	Carbon
ESM 3.5×35×102.5×11.5	3.5	35	102.5	11.5	159.8	277.3	4	47.95	Carbon
ESM 3.5×35×105×12.5	3.5	35	105	12.5	165.74	277.3	3.78	47.95	Carbon
ESM 3.5×35×107.5×13.5	3.5	35	107.5	13.5	171.68	277.3	3.57	47.95	Carbon
ESM 3.5×35×110×14.5	3.5	35	110	14.5	177.62	277.3	3.39	47.95	Carbon
ESM 3.5×35×112.5×14.5	3.5	35	112.5	14.5	183.57	277.3	3.23	47.95	Carbon
ESM 3.5×35×115×15.5	3.5	35	115	15.5	189.51	277.3	3.08	47.95	Carbon
ESM 3.5×35×117.5×16.5	3.5	35	117.5	16.5	195.45	277.3	2.94	47.95	Carbon
ESM 3.5×35×120×16.5	3.5	35	120	16.5	201.4	277.3	2.82	47.95	Carbon
ESM 3.5×35×122.5×17.5	3.5	35	122.5	17.5	207.34	277.3	2.7	47.95	Carbon
ESM 3.5×35×125×18.5	3.5	35	125	18.5	213.29	277.3	2.6	47.95	Carbon

M: Carbon Steel;
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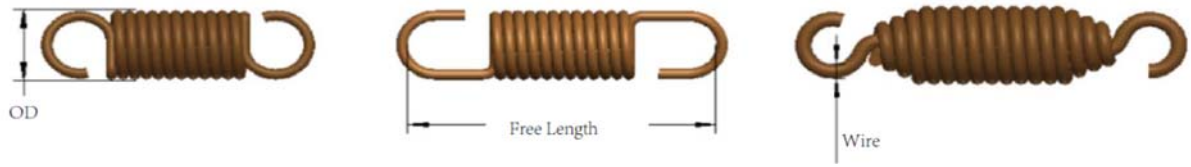
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3.5×35×127.5×19.5	3.5	35	127.5	19.5	219.23	277.3	2.5	47.95	Carbon
ESM 3.5×35×130×19.5	3.5	35	130	19.5	225.17	277.3	2.41	47.95	Carbon
ESM 3.5×35×132.5×20.5	3.5	35	132.5	20.5	231.12	277.3	2.33	47.95	Carbon
ESM 3.5×35×135×21.5	3.5	35	135	21.5	237.06	277.3	2.25	47.95	Carbon
ESM 3.5×35×137.5×21.5	3.5	35	137.5	21.5	243	277.3	2.17	47.95	Carbon
ESM 3.5×35×140×22.5	3.5	35	140	22.5	248.94	277.3	2.11	47.95	Carbon
ESM 3.5×35×142.5×23.5	3.5	35	142.5	23.5	254.89	277.3	2.04	47.95	Carbon
ESM 3.5×35×145×24.5	3.5	35	145	24.5	260.83	277.3	1.98	47.95	Carbon
ESM 3.5×35×147.5×24.5	3.5	35	147.5	24.5	266.77	277.3	1.92	47.95	Carbon
ESS 3.5×35×100×11.5	3.5	35	100	11.5	148.21	226.48	3.7	47.95	Stainless
ESS 3.5×35×102.5×11.5	3.5	35	102.5	11.5	153.79	226.48	3.48	47.95	Stainless
ESS 3.5×35×105×12.5	3.5	35	105	12.5	159.37	226.48	3.28	47.95	Stainless
ESS 3.5×35×107.5×13.5	3.5	35	107.5	13.5	164.95	226.48	3.11	47.95	Stainless
ESS 3.5×35×110×14.5	3.5	35	110	14.5	170.54	226.48	2.95	47.95	Stainless
ESS 3.5×35×112.5×14.5	3.5	35	112.5	14.5	176.12	226.48	2.81	47.95	Stainless
ESS 3.5×35×115×15.5	3.5	35	115	15.5	181.7	226.48	2.68	47.95	Stainless
ESS 3.5×35×117.5×16.5	3.5	35	117.5	16.5	187.28	226.48	2.56	47.95	Stainless
ESS 3.5×35×120×16.5	3.5	35	120	16.5	192.87	226.48	2.45	47.95	Stainless
ESS 3.5×35×122.5×17.5	3.5	35	122.5	17.5	198.45	226.48	2.35	47.95	Stainless
ESS 3.5×35×125×18.5	3.5	35	125	18.5	204.03	226.48	2.26	47.95	Stainless
ESS 3.5×35×127.5×19.5	3.5	35	127.5	19.5	209.61	226.48	2.17	47.95	Stainless
ESS 3.5×35×130×19.5	3.5	35	130	19.5	215.2	226.48	2.1	47.95	Stainless
ESS 3.5×35×132.5×20.5	3.5	35	132.5	20.5	220.78	226.48	2.02	47.95	Stainless
ESS 3.5×35×135×21.5	3.5	35	135	21.5	226.36	226.48	1.95	47.95	Stainless
ESS 3.5×35×137.5×21.5	3.5	35	137.5	21.5	231.94	226.48	1.89	47.95	Stainless
ESS 3.5×35×140×22.5	3.5	35	140	22.5	237.53	226.48	1.83	47.95	Stainless
ESS 3.5×35×142.5×23.5	3.5	35	142.5	23.5	243.11	226.48	1.77	47.95	Stainless
ESS 3.5×35×145×24.5	3.5	35	145	24.5	248.69	226.48	1.72	47.95	Stainless
ESS 3.5×35×147.5×24.5	3.5	35	147.5	24.5	254.27	226.48	1.67	47.95	Stainless
ESM 4×35×100×10.5	4	35	100	10.5	139.45	415.58	8.43	82.93	Carbon
ESM 4×35×102.5×10.5	4	35	102.5	10.5	144.4	415.58	7.94	82.93	Carbon
ESM 4×35×105×11.5	4	35	105	11.5	149.34	415.58	7.5	82.93	Carbon
ESM 4×35×107.5×11.5	4	35	107.5	11.5	154.28	415.58	7.11	82.93	Carbon
ESM 4×35×110×12.5	4	35	110	12.5	159.22	415.58	6.76	82.93	Carbon
ESM 4×35×112.5×13.5	4	35	112.5	13.5	164.16	415.58	6.44	82.93	Carbon

M: Carbon Steel;
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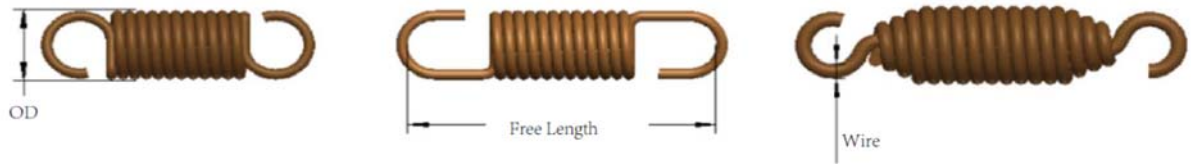
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 4×35×115×13.5	4	35	115	13.5	169.1	415.58	6.15	82.93	Carbon
ESM 4×35×117.5×14.5	4	35	117.5	14.5	174.04	415.58	5.88	82.93	Carbon
ESM 4×35×120×15.5	4	35	120	15.5	178.99	415.58	5.64	82.93	Carbon
ESM 4×35×122.5×15.5	4	35	122.5	15.5	183.93	415.58	5.42	82.93	Carbon
ESM 4×35×125×16.5	4	35	125	16.5	188.87	415.58	5.21	82.93	Carbon
ESM 4×35×127.5×16.5	4	35	127.5	16.5	193.81	415.58	5.02	82.93	Carbon
ESM 4×35×130×17.5	4	35	130	17.5	198.75	415.58	4.84	82.93	Carbon
ESM 4×35×132.5×18.5	4	35	132.5	18.5	203.69	415.58	4.67	82.93	Carbon
ESM 4×35×135×18.5	4	35	135	18.5	208.63	415.58	4.52	82.93	Carbon
ESM 4×35×137.5×19.5	4	35	137.5	19.5	213.58	415.58	4.37	82.93	Carbon
ESM 4×35×140×20.5	4	35	140	20.5	218.52	415.58	4.24	82.93	Carbon
ESM 4×35×142.5×20.5	4	35	142.5	20.5	223.46	415.58	4.11	82.93	Carbon
ESM 4×35×145×21.5	4	35	145	21.5	228.4	415.58	3.99	82.93	Carbon
ESM 4×35×147.5×21.5	4	35	147.5	21.5	233.34	415.58	3.88	82.93	Carbon
ESS 4×35×100×10.5	4	35	100	10.5	134.4	335.15	7.33	82.93	Stainless
ESS 4×35×102.5×10.5	4	35	102.5	10.5	139.03	335.15	6.9	82.93	Stainless
ESS 4×35×105×11.5	4	35	105	11.5	143.66	335.15	6.52	82.93	Stainless
ESS 4×35×107.5×11.5	4	35	107.5	11.5	148.29	335.15	6.18	82.93	Stainless
ESS 4×35×110×12.5	4	35	110	12.5	152.92	335.15	5.88	82.93	Stainless
ESS 4×35×112.5×13.5	4	35	112.5	13.5	157.55	335.15	5.6	82.93	Stainless
ESS 4×35×115×13.5	4	35	115	13.5	162.17	335.15	5.35	82.93	Stainless
ESS 4×35×117.5×14.5	4	35	117.5	14.5	166.8	335.15	5.12	82.93	Stainless
ESS 4×35×120×15.5	4	35	120	15.5	171.43	335.15	4.9	82.93	Stainless
ESS 4×35×122.5×15.5	4	35	122.5	15.5	176.06	335.15	4.71	82.93	Stainless
ESS 4×35×125×16.5	4	35	125	16.5	180.69	335.15	4.53	82.93	Stainless
ESS 4×35×127.5×16.5	4	35	127.5	16.5	185.32	335.15	4.36	82.93	Stainless
ESS 4×35×130×17.5	4	35	130	17.5	189.95	335.15	4.21	82.93	Stainless
ESS 4×35×132.5×18.5	4	35	132.5	18.5	194.58	335.15	4.06	82.93	Stainless
ESS 4×35×135×18.5	4	35	135	18.5	199.2	335.15	3.93	82.93	Stainless
ESS 4×35×137.5×19.5	4	35	137.5	19.5	203.83	335.15	3.8	82.93	Stainless
ESS 4×35×140×20.5	4	35	140	20.5	208.46	335.15	3.68	82.93	Stainless
ESS 4×35×142.5×20.5	4	35	142.5	20.5	213.09	335.15	3.57	82.93	Stainless
ESS 4×35×145×21.5	4	35	145	21.5	217.72	335.15	3.47	82.93	Stainless
ESS 4×35×147.5×21.5	4	35	147.5	21.5	222.35	335.15	3.37	82.93	Stainless
ESM 2.4×36×92.5×11.5	2.4	36	92.5	11.5	195.9	92.5	0.81	8.57	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.4×36×95×12.5	2.4	36	95	12.5	208.07	92.5	0.74	8.57	Carbon
ESM 2.4×36×97.5×13.5	2.4	36	97.5	13.5	220.22	92.5	0.68	8.57	Carbon
ESM 2.4×36×100×14.5	2.4	36	100	14.5	232.4	92.5	0.63	8.57	Carbon
ESM 2.4×36×102.5×15.5	2.4	36	102.5	15.5	244.56	92.5	0.59	8.57	Carbon
ESM 2.4×36×105×16.5	2.4	36	105	16.5	256.72	92.5	0.55	8.57	Carbon
ESM 2.4×36×107.5×17.5	2.4	36	107.5	17.5	268.9	92.5	0.52	8.57	Carbon
ESM 2.4×36×110×18.5	2.4	36	110	18.5	281.08	92.5	0.49	8.57	Carbon
ESM 2.4×36×112.5×19.5	2.4	36	112.5	19.5	293.23	92.5	0.46	8.57	Carbon
ESM 2.4×36×115×20.5	2.4	36	115	20.5	305.4	92.5	0.44	8.57	Carbon
ESM 2.4×36×117.5×21.5	2.4	36	117.5	21.5	317.57	92.5	0.42	8.57	Carbon
ESM 2.4×36×120×22.5	2.4	36	120	22.5	329.72	92.5	0.4	8.57	Carbon
ESM 2.4×36×122.5×23.5	2.4	36	122.5	23.5	341.87	92.5	0.38	8.57	Carbon
ESM 2.4×36×125×24.5	2.4	36	125	24.5	354.07	92.5	0.37	8.57	Carbon
ESM 2.4×36×127.5×25.5	2.4	36	127.5	25.5	366.21	92.5	0.35	8.57	Carbon
ESM 2.4×36×130×26.5	2.4	36	130	26.5	378.39	92.5	0.34	8.57	Carbon
ESM 2.4×36×132.5×27.5	2.4	36	132.5	27.5	390.59	92.5	0.33	8.57	Carbon
ESM 2.4×36×135×28.5	2.4	36	135	28.5	402.72	92.5	0.31	8.57	Carbon
ESM 2.4×36×137.5×29.5	2.4	36	137.5	29.5	414.86	92.5	0.3	8.57	Carbon
ESM 2.4×36×140×30.5	2.4	36	140	30.5	427.04	92.5	0.29	8.57	Carbon
ESS 2.4×36×92.5×11.5	2.4	36	92.5	11.5	197.81	79.81	0.68	8.57	Stainless
ESS 2.4×36×95×12.5	2.4	36	95	12.5	210.16	79.81	0.62	8.57	Stainless
ESS 2.4×36×97.5×13.5	2.4	36	97.5	13.5	222.5	79.81	0.57	8.57	Stainless
ESS 2.4×36×100×14.5	2.4	36	100	14.5	234.85	79.81	0.53	8.57	Stainless
ESS 2.4×36×102.5×15.5	2.4	36	102.5	15.5	247.21	79.81	0.49	8.57	Stainless
ESS 2.4×36×105×16.5	2.4	36	105	16.5	259.53	79.81	0.46	8.57	Stainless
ESS 2.4×36×107.5×17.5	2.4	36	107.5	17.5	271.87	79.81	0.43	8.57	Stainless
ESS 2.4×36×110×18.5	2.4	36	110	18.5	284.22	79.81	0.41	8.57	Stainless
ESS 2.4×36×112.5×19.5	2.4	36	112.5	19.5	296.58	79.81	0.39	8.57	Stainless
ESS 2.4×36×115×20.5	2.4	36	115	20.5	308.9	79.81	0.37	8.57	Stainless
ESS 2.4×36×117.5×21.5	2.4	36	117.5	21.5	321.28	79.81	0.35	8.57	Stainless
ESS 2.4×36×120×22.5	2.4	36	120	22.5	333.61	79.81	0.33	8.57	Stainless
ESS 2.4×36×122.5×23.5	2.4	36	122.5	23.5	345.96	79.81	0.32	8.57	Stainless
ESS 2.4×36×125×24.5	2.4	36	125	24.5	358.34	79.81	0.31	8.57	Stainless
ESS 2.4×36×127.5×25.5	2.4	36	127.5	25.5	370.64	79.81	0.29	8.57	Stainless
ESS 2.4×36×130×26.5	2.4	36	130	26.5	382.98	79.81	0.28	8.57	Stainless

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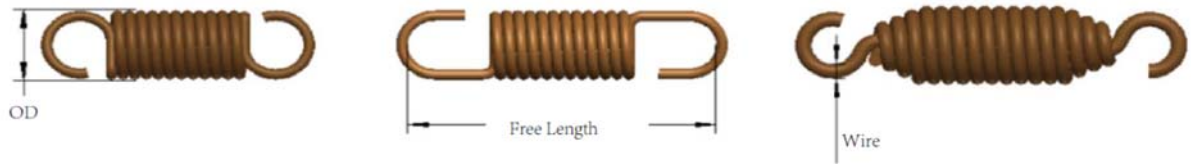
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.4×36×132.5×27.5	2.4	36	132.5	27.5	395.38	79.81	0.27	8.57	Stainless
ESS 2.4×36×135×28.5	2.4	36	135	28.5	407.74	79.81	0.26	8.57	Stainless
ESS 2.4×36×137.5×29.5	2.4	36	137.5	29.5	420.09	79.81	0.25	8.57	Stainless
ESS 2.4×36×140×30.5	2.4	36	140	30.5	432.45	79.81	0.24	8.57	Stainless
ESM 2.5×36×92.5×10.5	2.5	36	92.5	10.5	186.75	104.11	0.99	10.35	Carbon
ESM 2.5×36×95×11.5	2.5	36	95	11.5	197.97	104.11	0.91	10.35	Carbon
ESM 2.5×36×97.5×12.5	2.5	36	97.5	12.5	209.2	104.11	0.84	10.35	Carbon
ESM 2.5×36×100×13.5	2.5	36	100	13.5	220.42	104.11	0.78	10.35	Carbon
ESM 2.5×36×102.5×14.5	2.5	36	102.5	14.5	231.64	104.11	0.73	10.35	Carbon
ESM 2.5×36×105×15.5	2.5	36	105	15.5	242.88	104.11	0.68	10.35	Carbon
ESM 2.5×36×107.5×16.5	2.5	36	107.5	16.5	254.11	104.11	0.64	10.35	Carbon
ESM 2.5×36×110×17.5	2.5	36	110	17.5	265.33	104.11	0.6	10.35	Carbon
ESM 2.5×36×112.5×18.5	2.5	36	112.5	18.5	276.56	104.11	0.57	10.35	Carbon
ESM 2.5×36×115×19.5	2.5	36	115	19.5	287.79	104.11	0.54	10.35	Carbon
ESM 2.5×36×117.5×20.5	2.5	36	117.5	20.5	299.03	104.11	0.52	10.35	Carbon
ESM 2.5×36×120×21.5	2.5	36	120	21.5	310.26	104.11	0.49	10.35	Carbon
ESM 2.5×36×122.5×22.5	2.5	36	122.5	22.5	321.48	104.11	0.47	10.35	Carbon
ESM 2.5×36×125×23.5	2.5	36	125	23.5	332.71	104.11	0.45	10.35	Carbon
ESM 2.5×36×127.5×24.5	2.5	36	127.5	24.5	343.93	104.11	0.43	10.35	Carbon
ESM 2.5×36×130×25.5	2.5	36	130	25.5	355.16	104.11	0.42	10.35	Carbon
ESM 2.5×36×132.5×26.5	2.5	36	132.5	26.5	366.37	104.11	0.4	10.35	Carbon
ESM 2.5×36×135×27.5	2.5	36	135	27.5	377.58	104.11	0.39	10.35	Carbon
ESM 2.5×36×137.5×28.5	2.5	36	137.5	28.5	388.8	104.11	0.37	10.35	Carbon
ESM 2.5×36×140×29.5	2.5	36	140	29.5	400.08	104.11	0.36	10.35	Carbon
ESS 2.5×36×92.5×10.5	2.5	36	92.5	10.5	188.24	89.72	0.83	10.35	Stainless
ESS 2.5×36×95×11.5	2.5	36	95	11.5	199.6	89.72	0.76	10.35	Stainless
ESS 2.5×36×97.5×12.5	2.5	36	97.5	12.5	210.97	89.72	0.7	10.35	Stainless
ESS 2.5×36×100×13.5	2.5	36	100	13.5	222.34	89.72	0.65	10.35	Stainless
ESS 2.5×36×102.5×14.5	2.5	36	102.5	14.5	233.69	89.72	0.61	10.35	Stainless
ESS 2.5×36×105×15.5	2.5	36	105	15.5	245.06	89.72	0.57	10.35	Stainless
ESS 2.5×36×107.5×16.5	2.5	36	107.5	16.5	256.44	89.72	0.53	10.35	Stainless
ESS 2.5×36×110×17.5	2.5	36	110	17.5	267.8	89.72	0.5	10.35	Stainless
ESS 2.5×36×112.5×18.5	2.5	36	112.5	18.5	279.18	89.72	0.48	10.35	Stainless
ESS 2.5×36×115×19.5	2.5	36	115	19.5	290.52	89.72	0.45	10.35	Stainless
ESS 2.5×36×117.5×20.5	2.5	36	117.5	20.5	301.87	89.72	0.43	10.35	Stainless

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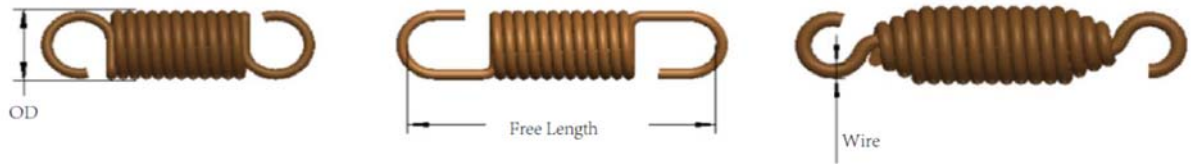
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×36×120×21.5	2.5	36	120	21.5	313.26	89.72	0.41	10.35	Stainless
ESS 2.5×36×122.5×22.5	2.5	36	122.5	22.5	324.62	89.72	0.39	10.35	Stainless
ESS 2.5×36×125×23.5	2.5	36	125	23.5	335.98	89.72	0.38	10.35	Stainless
ESS 2.5×36×127.5×24.5	2.5	36	127.5	24.5	347.37	89.72	0.36	10.35	Stainless
ESS 2.5×36×130×25.5	2.5	36	130	25.5	358.74	89.72	0.35	10.35	Stainless
ESS 2.5×36×132.5×26.5	2.5	36	132.5	26.5	370.07	89.72	0.33	10.35	Stainless
ESS 2.5×36×135×27.5	2.5	36	135	27.5	381.42	89.72	0.32	10.35	Stainless
ESS 2.5×36×137.5×28.5	2.5	36	137.5	28.5	392.8	89.72	0.31	10.35	Stainless
ESS 2.5×36×140×29.5	2.5	36	140	29.5	404.22	89.72	0.3	10.35	Stainless
ESM 2.6×36×95×11.5	2.6	36	95	11.5	192.76	116.18	1.06	12.38	Carbon
ESM 2.6×36×97.5×12.5	2.6	36	97.5	12.5	203.47	116.18	0.98	12.38	Carbon
ESM 2.6×36×100×13.5	2.6	36	100	13.5	214.18	116.18	0.91	12.38	Carbon
ESM 2.6×36×102.5×14.5	2.6	36	102.5	14.5	224.89	116.18	0.85	12.38	Carbon
ESM 2.6×36×105×15.5	2.6	36	105	15.5	235.6	116.18	0.79	12.38	Carbon
ESM 2.6×36×107.5×16.5	2.6	36	107.5	16.5	246.31	116.18	0.75	12.38	Carbon
ESM 2.6×36×110×17.5	2.6	36	110	17.5	257.03	116.18	0.71	12.38	Carbon
ESM 2.6×36×112.5×18.5	2.6	36	112.5	18.5	267.75	116.18	0.67	12.38	Carbon
ESM 2.6×36×115×19.5	2.6	36	115	19.5	278.46	116.18	0.64	12.38	Carbon
ESM 2.6×36×117.5×20.5	2.6	36	117.5	20.5	289.16	116.18	0.6	12.38	Carbon
ESM 2.6×36×120×21.5	2.6	36	120	21.5	299.86	116.18	0.58	12.38	Carbon
ESM 2.6×36×122.5×22.5	2.6	36	122.5	22.5	310.58	116.18	0.55	12.38	Carbon
ESM 2.6×36×125×22.5	2.6	36	125	22.5	321.29	116.18	0.53	12.38	Carbon
ESM 2.6×36×127.5×23.5	2.6	36	127.5	23.5	332.03	116.18	0.51	12.38	Carbon
ESM 2.6×36×130×24.5	2.6	36	130	24.5	342.71	116.18	0.49	12.38	Carbon
ESM 2.6×36×132.5×25.5	2.6	36	132.5	25.5	353.45	116.18	0.47	12.38	Carbon
ESM 2.6×36×135×26.5	2.6	36	135	26.5	364.14	116.18	0.45	12.38	Carbon
ESM 2.6×36×137.5×27.5	2.6	36	137.5	27.5	374.87	116.18	0.44	12.38	Carbon
ESM 2.6×36×140×28.5	2.6	36	140	28.5	385.56	116.18	0.42	12.38	Carbon
ESM 2.6×36×142.5×29.5	2.6	36	142.5	29.5	396.29	116.18	0.41	12.38	Carbon
ESS 2.6×36×95×11.5	2.6	36	95	11.5	190.31	100.38	0.92	12.38	Stainless
ESS 2.6×36×97.5×12.5	2.6	36	97.5	12.5	200.81	100.38	0.85	12.38	Stainless
ESS 2.6×36×100×13.5	2.6	36	100	13.5	211.32	100.38	0.79	12.38	Stainless
ESS 2.6×36×102.5×14.5	2.6	36	102.5	14.5	221.82	100.38	0.74	12.38	Stainless
ESS 2.6×36×105×15.5	2.6	36	105	15.5	232.33	100.38	0.69	12.38	Stainless
ESS 2.6×36×107.5×16.5	2.6	36	107.5	16.5	242.84	100.38	0.65	12.38	Stainless

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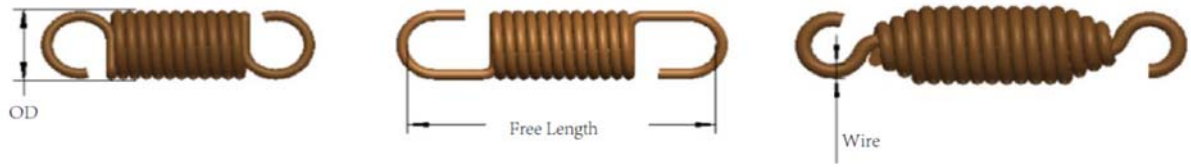
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×36×110×17.5	2.6	36	110	17.5	253.34	100.38	0.61	12.38	Stainless
ESS 2.6×36×112.5×18.5	2.6	36	112.5	18.5	263.85	100.38	0.58	12.38	Stainless
ESS 2.6×36×115×19.5	2.6	36	115	19.5	274.36	100.38	0.55	12.38	Stainless
ESS 2.6×36×117.5×20.5	2.6	36	117.5	20.5	284.86	100.38	0.53	12.38	Stainless
ESS 2.6×36×120×21.5	2.6	36	120	21.5	295.36	100.38	0.5	12.38	Stainless
ESS 2.6×36×122.5×22.5	2.6	36	122.5	22.5	305.86	100.38	0.48	12.38	Stainless
ESS 2.6×36×125×22.5	2.6	36	125	22.5	316.38	100.38	0.46	12.38	Stainless
ESS 2.6×36×127.5×23.5	2.6	36	127.5	23.5	326.9	100.38	0.44	12.38	Stainless
ESS 2.6×36×130×24.5	2.6	36	130	24.5	337.39	100.38	0.42	12.38	Stainless
ESS 2.6×36×132.5×25.5	2.6	36	132.5	25.5	347.91	100.38	0.41	12.38	Stainless
ESS 2.6×36×135×26.5	2.6	36	135	26.5	358.4	100.38	0.39	12.38	Stainless
ESS 2.6×36×137.5×27.5	2.6	36	137.5	27.5	368.89	100.38	0.38	12.38	Stainless
ESS 2.6×36×140×28.5	2.6	36	140	28.5	379.38	100.38	0.37	12.38	Stainless
ESS 2.6×36×142.5×29.5	2.6	36	142.5	29.5	389.89	100.38	0.36	12.38	Stainless
ESM 2.7×36×95×11.5	2.7	36	95	11.5	184.55	129.54	1.28	14.67	Carbon
ESM 2.7×36×97.5×12.5	2.7	36	97.5	12.5	194.51	129.54	1.18	14.67	Carbon
ESM 2.7×36×100×12.5	2.7	36	100	12.5	204.46	129.54	1.1	14.67	Carbon
ESM 2.7×36×102.5×13.5	2.7	36	102.5	13.5	214.42	129.54	1.03	14.67	Carbon
ESM 2.7×36×105×14.5	2.7	36	105	14.5	224.38	129.54	0.96	14.67	Carbon
ESM 2.7×36×107.5×15.5	2.7	36	107.5	15.5	234.34	129.54	0.91	14.67	Carbon
ESM 2.7×36×110×16.5	2.7	36	110	16.5	244.3	129.54	0.86	14.67	Carbon
ESM 2.7×36×112.5×17.5	2.7	36	112.5	17.5	254.25	129.54	0.81	14.67	Carbon
ESM 2.7×36×115×18.5	2.7	36	115	18.5	264.21	129.54	0.77	14.67	Carbon
ESM 2.7×36×117.5×19.5	2.7	36	117.5	19.5	274.16	129.54	0.73	14.67	Carbon
ESM 2.7×36×120×20.5	2.7	36	120	20.5	284.11	129.54	0.7	14.67	Carbon
ESM 2.7×36×122.5×21.5	2.7	36	122.5	21.5	294.07	129.54	0.67	14.67	Carbon
ESM 2.7×36×125×22.5	2.7	36	125	22.5	304.03	129.54	0.64	14.67	Carbon
ESM 2.7×36×127.5×23.5	2.7	36	127.5	23.5	314	129.54	0.62	14.67	Carbon
ESM 2.7×36×130×24.5	2.7	36	130	24.5	323.96	129.54	0.59	14.67	Carbon
ESM 2.7×36×132.5×25.5	2.7	36	132.5	25.5	333.91	129.54	0.57	14.67	Carbon
ESM 2.7×36×135×25.5	2.7	36	135	25.5	343.84	129.54	0.55	14.67	Carbon
ESM 2.7×36×137.5×26.5	2.7	36	137.5	26.5	353.82	129.54	0.53	14.67	Carbon
ESM 2.7×36×140×27.5	2.7	36	140	27.5	363.78	129.54	0.51	14.67	Carbon
ESM 2.7×36×142.5×28.5	2.7	36	142.5	28.5	373.75	129.54	0.5	14.67	Carbon
ESS 2.7×36×95×11.5	2.7	36	95	11.5	182.06	111.79	1.12	14.67	Stainless

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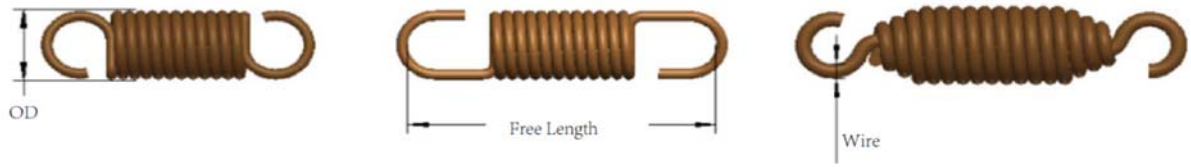
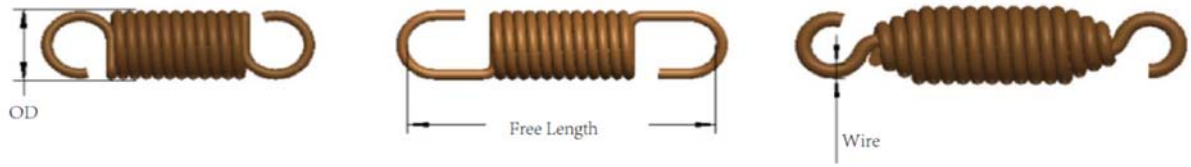
OD:Outer Diameter
Max Length - Max Load



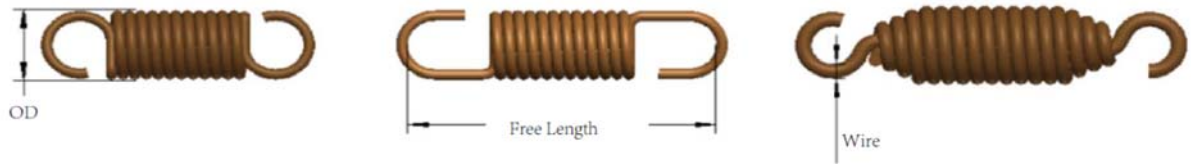
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×36×97.5×12.5	2.7	36	97.5	12.5	191.81	111.79	1.03	14.67	Stainless
ESS 2.7×36×100×12.5	2.7	36	100	12.5	201.56	111.79	0.96	14.67	Stainless
ESS 2.7×36×102.5×13.5	2.7	36	102.5	13.5	211.31	111.79	0.89	14.67	Stainless
ESS 2.7×36×105×14.5	2.7	36	105	14.5	221.07	111.79	0.84	14.67	Stainless
ESS 2.7×36×107.5×15.5	2.7	36	107.5	15.5	230.82	111.79	0.79	14.67	Stainless
ESS 2.7×36×110×16.5	2.7	36	110	16.5	240.56	111.79	0.74	14.67	Stainless
ESS 2.7×36×112.5×17.5	2.7	36	112.5	17.5	250.33	111.79	0.7	14.67	Stainless
ESS 2.7×36×115×18.5	2.7	36	115	18.5	260.07	111.79	0.67	14.67	Stainless
ESS 2.7×36×117.5×19.5	2.7	36	117.5	19.5	269.81	111.79	0.64	14.67	Stainless
ESS 2.7×36×120×20.5	2.7	36	120	20.5	279.57	111.79	0.61	14.67	Stainless
ESS 2.7×36×122.5×21.5	2.7	36	122.5	21.5	289.33	111.79	0.58	14.67	Stainless
ESS 2.7×36×125×22.5	2.7	36	125	22.5	299.07	111.79	0.56	14.67	Stainless
ESS 2.7×36×127.5×23.5	2.7	36	127.5	23.5	308.81	111.79	0.54	14.67	Stainless
ESS 2.7×36×130×24.5	2.7	36	130	24.5	318.57	111.79	0.52	14.67	Stainless
ESS 2.7×36×132.5×25.5	2.7	36	132.5	25.5	328.33	111.79	0.5	14.67	Stainless
ESS 2.7×36×135×25.5	2.7	36	135	25.5	338.08	111.79	0.48	14.67	Stainless
ESS 2.7×36×137.5×26.5	2.7	36	137.5	26.5	347.84	111.79	0.46	14.67	Stainless
ESS 2.7×36×140×27.5	2.7	36	140	27.5	357.59	111.79	0.45	14.67	Stainless
ESS 2.7×36×142.5×28.5	2.7	36	142.5	28.5	367.3	111.79	0.43	14.67	Stainless
ESM 2.8×36×95×10.5	2.8	36	95	10.5	177.24	143.83	1.54	17.26	Carbon
ESM 2.8×36×97.5×11.5	2.8	36	97.5	11.5	186.52	143.83	1.42	17.26	Carbon
ESM 2.8×36×100×12.5	2.8	36	100	12.5	195.82	143.83	1.32	17.26	Carbon
ESM 2.8×36×102.5×13.5	2.8	36	102.5	13.5	205.11	143.83	1.23	17.26	Carbon
ESM 2.8×36×105×14.5	2.8	36	105	14.5	214.4	143.83	1.16	17.26	Carbon
ESM 2.8×36×107.5×15.5	2.8	36	107.5	15.5	223.69	143.83	1.09	17.26	Carbon
ESM 2.8×36×110×16.5	2.8	36	110	16.5	232.97	143.83	1.03	17.26	Carbon
ESM 2.8×36×112.5×17.5	2.8	36	112.5	17.5	242.27	143.83	0.98	17.26	Carbon
ESM 2.8×36×115×17.5	2.8	36	115	17.5	251.56	143.83	0.93	17.26	Carbon
ESM 2.8×36×117.5×18.5	2.8	36	117.5	18.5	260.85	143.83	0.88	17.26	Carbon
ESM 2.8×36×120×19.5	2.8	36	120	19.5	270.13	143.83	0.84	17.26	Carbon
ESM 2.8×36×122.5×20.5	2.8	36	122.5	20.5	279.42	143.83	0.81	17.26	Carbon
ESM 2.8×36×125×21.5	2.8	36	125	21.5	288.72	143.83	0.77	17.26	Carbon
ESM 2.8×36×127.5×22.5	2.8	36	127.5	22.5	297.99	143.83	0.74	17.26	Carbon
ESM 2.8×36×130×23.5	2.8	36	130	23.5	307.3	143.83	0.71	17.26	Carbon
ESM 2.8×36×132.5×24.5	2.8	36	132.5	24.5	316.58	143.83	0.69	17.26	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×36×135×25.5	2.8	36	135	25.5	325.88	143.83	0.66	17.26	Carbon
ESM 2.8×36×137.5×25.5	2.8	36	137.5	25.5	335.15	143.83	0.64	17.26	Carbon
ESM 2.8×36×140×26.5	2.8	36	140	26.5	344.45	143.83	0.62	17.26	Carbon
ESM 2.8×36×142.5×27.5	2.8	36	142.5	27.5	353.74	143.83	0.6	17.26	Carbon
ESS 2.8×36×95×10.5	2.8	36	95	10.5	174.74	123.97	1.34	17.26	Stainless
ESS 2.8×36×97.5×11.5	2.8	36	97.5	11.5	183.82	123.97	1.24	17.26	Stainless
ESS 2.8×36×100×12.5	2.8	36	100	12.5	192.9	123.97	1.15	17.26	Stainless
ESS 2.8×36×102.5×13.5	2.8	36	102.5	13.5	201.99	123.97	1.07	17.26	Stainless
ESS 2.8×36×105×14.5	2.8	36	105	14.5	211.07	123.97	1.01	17.26	Stainless
ESS 2.8×36×107.5×15.5	2.8	36	107.5	15.5	220.15	123.97	0.95	17.26	Stainless
ESS 2.8×36×110×16.5	2.8	36	110	16.5	229.24	123.97	0.9	17.26	Stainless
ESS 2.8×36×112.5×17.5	2.8	36	112.5	17.5	238.32	123.97	0.85	17.26	Stainless
ESS 2.8×36×115×17.5	2.8	36	115	17.5	247.4	123.97	0.81	17.26	Stainless
ESS 2.8×36×117.5×18.5	2.8	36	117.5	18.5	256.49	123.97	0.77	17.26	Stainless
ESS 2.8×36×120×19.5	2.8	36	120	19.5	265.57	123.97	0.73	17.26	Stainless
ESS 2.8×36×122.5×20.5	2.8	36	122.5	20.5	274.65	123.97	0.7	17.26	Stainless
ESS 2.8×36×125×21.5	2.8	36	125	21.5	283.74	123.97	0.67	17.26	Stainless
ESS 2.8×36×127.5×22.5	2.8	36	127.5	22.5	292.83	123.97	0.65	17.26	Stainless
ESS 2.8×36×130×23.5	2.8	36	130	23.5	301.9	123.97	0.62	17.26	Stainless
ESS 2.8×36×132.5×24.5	2.8	36	132.5	24.5	310.99	123.97	0.6	17.26	Stainless
ESS 2.8×36×135×25.5	2.8	36	135	25.5	320.08	123.97	0.58	17.26	Stainless
ESS 2.8×36×137.5×25.5	2.8	36	137.5	25.5	329.16	123.97	0.56	17.26	Stainless
ESS 2.8×36×140×26.5	2.8	36	140	26.5	338.25	123.97	0.54	17.26	Stainless
ESS 2.8×36×142.5×27.5	2.8	36	142.5	27.5	347.33	123.97	0.52	17.26	Stainless
ESM 2.9×36×97.5×11.5	2.9	36	97.5	11.5	179.05	158.49	1.7	20.15	Carbon
ESM 2.9×36×100×12.5	2.9	36	100	12.5	187.72	158.49	1.58	20.15	Carbon
ESM 2.9×36×102.5×13.5	2.9	36	102.5	13.5	196.39	158.49	1.47	20.15	Carbon
ESM 2.9×36×105×13.5	2.9	36	105	13.5	205.06	158.49	1.38	20.15	Carbon
ESM 2.9×36×107.5×14.5	2.9	36	107.5	14.5	213.74	158.49	1.3	20.15	Carbon
ESM 2.9×36×110×15.5	2.9	36	110	15.5	222.4	158.49	1.23	20.15	Carbon
ESM 2.9×36×112.5×16.5	2.9	36	112.5	16.5	231.07	158.49	1.17	20.15	Carbon
ESM 2.9×36×115×17.5	2.9	36	115	17.5	239.74	158.49	1.11	20.15	Carbon
ESM 2.9×36×117.5×18.5	2.9	36	117.5	18.5	248.42	158.49	1.06	20.15	Carbon
ESM 2.9×36×120×19.5	2.9	36	120	19.5	257.08	158.49	1.01	20.15	Carbon
ESM 2.9×36×122.5×20.5	2.9	36	122.5	20.5	265.75	158.49	0.97	20.15	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×36×125×20.5	2.9	36	125	20.5	274.43	158.49	0.93	20.15	Carbon
ESM 2.9×36×127.5×21.5	2.9	36	127.5	21.5	283.1	158.49	0.89	20.15	Carbon
ESM 2.9×36×130×22.5	2.9	36	130	22.5	291.76	158.49	0.86	20.15	Carbon
ESM 2.9×36×132.5×23.5	2.9	36	132.5	23.5	300.43	158.49	0.82	20.15	Carbon
ESM 2.9×36×135×24.5	2.9	36	135	24.5	309.1	158.49	0.79	20.15	Carbon
ESM 2.9×36×137.5×25.5	2.9	36	137.5	25.5	317.77	158.49	0.77	20.15	Carbon
ESM 2.9×36×140×26.5	2.9	36	140	26.5	326.44	158.49	0.74	20.15	Carbon
ESM 2.9×36×142.5×26.5	2.9	36	142.5	26.5	335.12	158.49	0.72	20.15	Carbon
ESM 2.9×36×145×27.5	2.9	36	145	27.5	343.79	158.49	0.7	20.15	Carbon
ESS 2.9×36×97.5×11.5	2.9	36	97.5	11.5	176.69	136.96	1.48	20.15	Stainless
ESS 2.9×36×100×12.5	2.9	36	100	12.5	185.18	136.96	1.37	20.15	Stainless
ESS 2.9×36×102.5×13.5	2.9	36	102.5	13.5	193.67	136.96	1.28	20.15	Stainless
ESS 2.9×36×105×13.5	2.9	36	105	13.5	202.16	136.96	1.2	20.15	Stainless
ESS 2.9×36×107.5×14.5	2.9	36	107.5	14.5	210.65	136.96	1.13	20.15	Stainless
ESS 2.9×36×110×15.5	2.9	36	110	15.5	219.15	136.96	1.07	20.15	Stainless
ESS 2.9×36×112.5×16.5	2.9	36	112.5	16.5	227.64	136.96	1.01	20.15	Stainless
ESS 2.9×36×115×17.5	2.9	36	115	17.5	236.14	136.96	0.96	20.15	Stainless
ESS 2.9×36×117.5×18.5	2.9	36	117.5	18.5	244.62	136.96	0.92	20.15	Stainless
ESS 2.9×36×120×19.5	2.9	36	120	19.5	253.12	136.96	0.88	20.15	Stainless
ESS 2.9×36×122.5×20.5	2.9	36	122.5	20.5	261.61	136.96	0.84	20.15	Stainless
ESS 2.9×36×125×20.5	2.9	36	125	20.5	270.09	136.96	0.81	20.15	Stainless
ESS 2.9×36×127.5×21.5	2.9	36	127.5	21.5	278.59	136.96	0.77	20.15	Stainless
ESS 2.9×36×130×22.5	2.9	36	130	22.5	287.09	136.96	0.74	20.15	Stainless
ESS 2.9×36×132.5×23.5	2.9	36	132.5	23.5	295.58	136.96	0.72	20.15	Stainless
ESS 2.9×36×135×24.5	2.9	36	135	24.5	304.07	136.96	0.69	20.15	Stainless
ESS 2.9×36×137.5×25.5	2.9	36	137.5	25.5	312.55	136.96	0.67	20.15	Stainless
ESS 2.9×36×140×26.5	2.9	36	140	26.5	321.05	136.96	0.65	20.15	Stainless
ESS 2.9×36×142.5×26.5	2.9	36	142.5	26.5	329.55	136.96	0.62	20.15	Stainless
ESS 2.9×36×145×27.5	2.9	36	145	27.5	338.04	136.96	0.61	20.15	Stainless
ESM 3×36×97.5×11.5	3	36	97.5	11.5	172.69	174.66	2.01	23.37	Carbon
ESM 3×36×100×11.5	3	36	100	11.5	180.83	174.66	1.87	23.37	Carbon
ESM 3×36×102.5×12.5	3	36	102.5	12.5	188.98	174.66	1.75	23.37	Carbon
ESM 3×36×105×13.5	3	36	105	13.5	197.12	174.66	1.64	23.37	Carbon
ESM 3×36×107.5×14.5	3	36	107.5	14.5	205.27	174.66	1.55	23.37	Carbon
ESM 3×36×110×15.5	3	36	110	15.5	213.41	174.66	1.46	23.37	Carbon

M: Carbon Steel;
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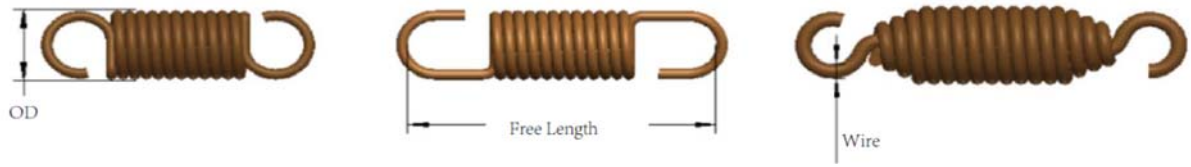
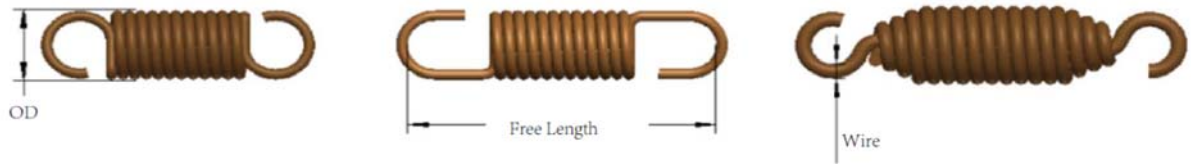
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×36×112.5×16.5	3	36	112.5	16.5	221.56	174.66	1.39	23.37	Carbon
ESM 3×36×115×16.5	3	36	115	16.5	229.7	174.66	1.32	23.37	Carbon
ESM 3×36×117.5×17.5	3	36	117.5	17.5	237.84	174.66	1.26	23.37	Carbon
ESM 3×36×120×18.5	3	36	120	18.5	245.98	174.66	1.2	23.37	Carbon
ESM 3×36×122.5×19.5	3	36	122.5	19.5	254.13	174.66	1.15	23.37	Carbon
ESM 3×36×125×20.5	3	36	125	20.5	262.28	174.66	1.1	23.37	Carbon
ESM 3×36×127.5×21.5	3	36	127.5	21.5	270.42	174.66	1.06	23.37	Carbon
ESM 3×36×130×21.5	3	36	130	21.5	278.56	174.66	1.02	23.37	Carbon
ESM 3×36×132.5×22.5	3	36	132.5	22.5	286.71	174.66	0.98	23.37	Carbon
ESM 3×36×135×23.5	3	36	135	23.5	294.86	174.66	0.95	23.37	Carbon
ESM 3×36×137.5×24.5	3	36	137.5	24.5	302.99	174.66	0.91	23.37	Carbon
ESM 3×36×140×25.5	3	36	140	25.5	311.15	174.66	0.88	23.37	Carbon
ESM 3×36×142.5×26.5	3	36	142.5	26.5	319.29	174.66	0.86	23.37	Carbon
ESM 3×36×145×26.5	3	36	145	26.5	327.44	174.66	0.83	23.37	Carbon
ESS 3×36×97.5×11.5	3	36	97.5	11.5	170.3	150.75	1.75	23.37	Stainless
ESS 3×36×100×11.5	3	36	100	11.5	178.27	150.75	1.63	23.37	Stainless
ESS 3×36×102.5×12.5	3	36	102.5	12.5	186.24	150.75	1.52	23.37	Stainless
ESS 3×36×105×13.5	3	36	105	13.5	194.2	150.75	1.43	23.37	Stainless
ESS 3×36×107.5×14.5	3	36	107.5	14.5	202.16	150.75	1.35	23.37	Stainless
ESS 3×36×110×15.5	3	36	110	15.5	210.13	150.75	1.27	23.37	Stainless
ESS 3×36×112.5×16.5	3	36	112.5	16.5	218.09	150.75	1.21	23.37	Stainless
ESS 3×36×115×16.5	3	36	115	16.5	226.06	150.75	1.15	23.37	Stainless
ESS 3×36×117.5×17.5	3	36	117.5	17.5	234.03	150.75	1.09	23.37	Stainless
ESS 3×36×120×18.5	3	36	120	18.5	241.99	150.75	1.04	23.37	Stainless
ESS 3×36×122.5×19.5	3	36	122.5	19.5	249.96	150.75	1	23.37	Stainless
ESS 3×36×125×20.5	3	36	125	20.5	257.93	150.75	0.96	23.37	Stainless
ESS 3×36×127.5×21.5	3	36	127.5	21.5	265.89	150.75	0.92	23.37	Stainless
ESS 3×36×130×21.5	3	36	130	21.5	273.86	150.75	0.89	23.37	Stainless
ESS 3×36×132.5×22.5	3	36	132.5	22.5	281.82	150.75	0.85	23.37	Stainless
ESS 3×36×135×23.5	3	36	135	23.5	289.78	150.75	0.82	23.37	Stainless
ESS 3×36×137.5×24.5	3	36	137.5	24.5	297.75	150.75	0.79	23.37	Stainless
ESS 3×36×140×25.5	3	36	140	25.5	305.72	150.75	0.77	23.37	Stainless
ESS 3×36×142.5×26.5	3	36	142.5	26.5	313.67	150.75	0.74	23.37	Stainless
ESS 3×36×145×26.5	3	36	145	26.5	321.66	150.75	0.72	23.37	Stainless
ESM 3.5×36×100×10.5	3.5	36	100	10.5	154.73	268.77	4.09	45.1	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3.5×36×102.5×11.5	3.5	36	102.5	11.5	160.92	268.77	3.83	45.1	Carbon
ESM 3.5×36×105×12.5	3.5	36	105	12.5	167.11	268.77	3.6	45.1	Carbon
ESM 3.5×36×107.5×12.5	3.5	36	107.5	12.5	173.29	268.77	3.4	45.1	Carbon
ESM 3.5×36×110×13.5	3.5	36	110	13.5	179.48	268.77	3.22	45.1	Carbon
ESM 3.5×36×112.5×14.5	3.5	36	112.5	14.5	185.67	268.77	3.06	45.1	Carbon
ESM 3.5×36×115×14.5	3.5	36	115	14.5	191.86	268.77	2.91	45.1	Carbon
ESM 3.5×36×117.5×15.5	3.5	36	117.5	15.5	198.05	268.77	2.78	45.1	Carbon
ESM 3.5×36×120×16.5	3.5	36	120	16.5	204.23	268.77	2.66	45.1	Carbon
ESM 3.5×36×122.5×17.5	3.5	36	122.5	17.5	210.42	268.77	2.54	45.1	Carbon
ESM 3.5×36×125×17.5	3.5	36	125	17.5	216.61	268.77	2.44	45.1	Carbon
ESM 3.5×36×127.5×18.5	3.5	36	127.5	18.5	222.8	268.77	2.35	45.1	Carbon
ESM 3.5×36×130×19.5	3.5	36	130	19.5	228.98	268.77	2.26	45.1	Carbon
ESM 3.5×36×132.5×19.5	3.5	36	132.5	19.5	235.17	268.77	2.18	45.1	Carbon
ESM 3.5×36×135×20.5	3.5	36	135	20.5	241.36	268.77	2.1	45.1	Carbon
ESM 3.5×36×137.5×21.5	3.5	36	137.5	21.5	247.55	268.77	2.03	45.1	Carbon
ESM 3.5×36×140×22.5	3.5	36	140	22.5	253.74	268.77	1.97	45.1	Carbon
ESM 3.5×36×142.5×22.5	3.5	36	142.5	22.5	259.93	268.77	1.9	45.1	Carbon
ESM 3.5×36×145×23.5	3.5	36	145	23.5	266.12	268.77	1.85	45.1	Carbon
ESM 3.5×36×147.5×24.5	3.5	36	147.5	24.5	272.3	268.77	1.79	45.1	Carbon
ESS 3.5×36×100×10.5	3.5	36	100	10.5	149.08	219.51	3.55	45.1	Stainless
ESS 3.5×36×102.5×11.5	3.5	36	102.5	11.5	154.89	219.51	3.33	45.1	Stainless
ESS 3.5×36×105×12.5	3.5	36	105	12.5	160.69	219.51	3.13	45.1	Stainless
ESS 3.5×36×107.5×12.5	3.5	36	107.5	12.5	166.5	219.51	2.96	45.1	Stainless
ESS 3.5×36×110×13.5	3.5	36	110	13.5	172.31	219.51	2.8	45.1	Stainless
ESS 3.5×36×112.5×14.5	3.5	36	112.5	14.5	178.11	219.51	2.66	45.1	Stainless
ESS 3.5×36×115×14.5	3.5	36	115	14.5	183.92	219.51	2.53	45.1	Stainless
ESS 3.5×36×117.5×15.5	3.5	36	117.5	15.5	189.73	219.51	2.41	45.1	Stainless
ESS 3.5×36×120×16.5	3.5	36	120	16.5	195.53	219.51	2.31	45.1	Stainless
ESS 3.5×36×122.5×17.5	3.5	36	122.5	17.5	201.34	219.51	2.21	45.1	Stainless
ESS 3.5×36×125×17.5	3.5	36	125	17.5	207.15	219.51	2.12	45.1	Stainless
ESS 3.5×36×127.5×18.5	3.5	36	127.5	18.5	212.96	219.51	2.04	45.1	Stainless
ESS 3.5×36×130×19.5	3.5	36	130	19.5	218.76	219.51	1.96	45.1	Stainless
ESS 3.5×36×132.5×19.5	3.5	36	132.5	19.5	224.57	219.51	1.89	45.1	Stainless
ESS 3.5×36×135×20.5	3.5	36	135	20.5	230.38	219.51	1.83	45.1	Stainless
ESS 3.5×36×137.5×21.5	3.5	36	137.5	21.5	236.19	219.51	1.77	45.1	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3.5×36×140×22.5	3.5	36	140	22.5	241.99	219.51	1.71	45.1	Stainless
ESS 3.5×36×142.5×22.5	3.5	36	142.5	22.5	247.8	219.51	1.66	45.1	Stainless
ESS 3.5×36×145×23.5	3.5	36	145	23.5	253.61	219.51	1.61	45.1	Stainless
ESS 3.5×36×147.5×24.5	3.5	36	147.5	24.5	259.42	219.51	1.56	45.1	Stainless
ESM 4×36×100×9.5	4	36	100	9.5	140.22	402.59	8.06	78.26	Carbon
ESM 4×36×102.5×10.5	4	36	102.5	10.5	145.34	402.59	7.57	78.26	Carbon
ESM 4×36×105×10.5	4	36	105	10.5	150.45	402.59	7.14	78.26	Carbon
ESM 4×36×107.5×11.5	4	36	107.5	11.5	155.57	402.59	6.75	78.26	Carbon
ESM 4×36×110×12.5	4	36	110	12.5	160.69	402.59	6.4	78.26	Carbon
ESM 4×36×112.5×12.5	4	36	112.5	12.5	165.81	402.59	6.08	78.26	Carbon
ESM 4×36×115×13.5	4	36	115	13.5	170.93	402.59	5.8	78.26	Carbon
ESM 4×36×117.5×13.5	4	36	117.5	13.5	176.05	402.59	5.54	78.26	Carbon
ESM 4×36×120×14.5	4	36	120	14.5	181.16	402.59	5.3	78.26	Carbon
ESM 4×36×122.5×15.5	4	36	122.5	15.5	186.28	402.59	5.09	78.26	Carbon
ESM 4×36×125×15.5	4	36	125	15.5	191.4	402.59	4.88	78.26	Carbon
ESM 4×36×127.5×16.5	4	36	127.5	16.5	196.52	402.59	4.7	78.26	Carbon
ESM 4×36×130×17.5	4	36	130	17.5	201.64	402.59	4.53	78.26	Carbon
ESM 4×36×132.5×17.5	4	36	132.5	17.5	206.76	402.59	4.37	78.26	Carbon
ESM 4×36×135×18.5	4	36	135	18.5	211.87	402.59	4.22	78.26	Carbon
ESM 4×36×137.5×18.5	4	36	137.5	18.5	216.99	402.59	4.08	78.26	Carbon
ESM 4×36×140×19.5	4	36	140	19.5	222.11	402.59	3.95	78.26	Carbon
ESM 4×36×142.5×20.5	4	36	142.5	20.5	227.23	402.59	3.83	78.26	Carbon
ESM 4×36×145×20.5	4	36	145	20.5	232.35	402.59	3.71	78.26	Carbon
ESM 4×36×147.5×21.5	4	36	147.5	21.5	237.47	402.59	3.61	78.26	Carbon
ESS 4×36×100×9.5	4	36	100	9.5	135.14	324.67	7.01	78.26	Stainless
ESS 4×36×102.5×10.5	4	36	102.5	10.5	139.93	324.67	6.58	78.26	Stainless
ESS 4×36×105×10.5	4	36	105	10.5	144.71	324.67	6.2	78.26	Stainless
ESS 4×36×107.5×11.5	4	36	107.5	11.5	149.5	324.67	5.87	78.26	Stainless
ESS 4×36×110×12.5	4	36	110	12.5	154.29	324.67	5.56	78.26	Stainless
ESS 4×36×112.5×12.5	4	36	112.5	12.5	159.08	324.67	5.29	78.26	Stainless
ESS 4×36×115×13.5	4	36	115	13.5	163.86	324.67	5.04	78.26	Stainless
ESS 4×36×117.5×13.5	4	36	117.5	13.5	168.65	324.67	4.82	78.26	Stainless
ESS 4×36×120×14.5	4	36	120	14.5	173.44	324.67	4.61	78.26	Stainless
ESS 4×36×122.5×15.5	4	36	122.5	15.5	178.23	324.67	4.42	78.26	Stainless
ESS 4×36×125×15.5	4	36	125	15.5	183.01	324.67	4.25	78.26	Stainless

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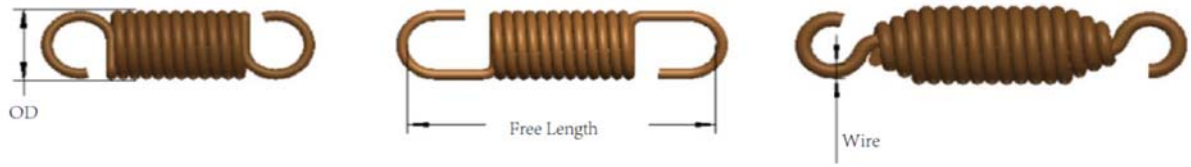
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×36×127.5×16.5	4	36	127.5	16.5	187.8	324.67	4.09	78.26	Stainless
ESS 4×36×130×17.5	4	36	130	17.5	192.59	324.67	3.94	78.26	Stainless
ESS 4×36×132.5×17.5	4	36	132.5	17.5	197.38	324.67	3.8	78.26	Stainless
ESS 4×36×135×18.5	4	36	135	18.5	202.17	324.67	3.67	78.26	Stainless
ESS 4×36×137.5×18.5	4	36	137.5	18.5	206.95	324.67	3.55	78.26	Stainless
ESS 4×36×140×19.5	4	36	140	19.5	211.74	324.67	3.43	78.26	Stainless
ESS 4×36×142.5×20.5	4	36	142.5	20.5	216.53	324.67	3.33	78.26	Stainless
ESS 4×36×145×20.5	4	36	145	20.5	221.32	324.67	3.23	78.26	Stainless
ESS 4×36×147.5×21.5	4	36	147.5	21.5	226.1	324.67	3.13	78.26	Stainless
ESM 2.5×37×95×11.5	2.5	37	95	11.5	197.27	101.09	0.89	9.64	Carbon
ESM 2.5×37×97.5×12.5	2.5	37	97.5	12.5	209.07	101.09	0.82	9.64	Carbon
ESM 2.5×37×100×13.5	2.5	37	100	13.5	220.86	101.09	0.76	9.64	Carbon
ESM 2.5×37×102.5×14.5	2.5	37	102.5	14.5	232.66	101.09	0.7	9.64	Carbon
ESM 2.5×37×105×15.5	2.5	37	105	15.5	244.45	101.09	0.66	9.64	Carbon
ESM 2.5×37×107.5×16.5	2.5	37	107.5	16.5	256.25	101.09	0.61	9.64	Carbon
ESM 2.5×37×110×17.5	2.5	37	110	17.5	268.06	101.09	0.58	9.64	Carbon
ESM 2.5×37×112.5×18.5	2.5	37	112.5	18.5	279.84	101.09	0.55	9.64	Carbon
ESM 2.5×37×115×19.5	2.5	37	115	19.5	291.65	101.09	0.52	9.64	Carbon
ESM 2.5×37×117.5×20.5	2.5	37	117.5	20.5	303.46	101.09	0.49	9.64	Carbon
ESM 2.5×37×120×21.5	2.5	37	120	21.5	315.25	101.09	0.47	9.64	Carbon
ESM 2.5×37×122.5×22.5	2.5	37	122.5	22.5	327.05	101.09	0.45	9.64	Carbon
ESM 2.5×37×125×23.5	2.5	37	125	23.5	338.83	101.09	0.43	9.64	Carbon
ESM 2.5×37×127.5×24.5	2.5	37	127.5	24.5	350.61	101.09	0.41	9.64	Carbon
ESM 2.5×37×130×25.5	2.5	37	130	25.5	362.41	101.09	0.39	9.64	Carbon
ESM 2.5×37×132.5×26.5	2.5	37	132.5	26.5	374.25	101.09	0.38	9.64	Carbon
ESM 2.5×37×135×27.5	2.5	37	135	27.5	386.04	101.09	0.36	9.64	Carbon
ESM 2.5×37×137.5×28.5	2.5	37	137.5	28.5	397.83	101.09	0.35	9.64	Carbon
ESM 2.5×37×140×29.5	2.5	37	140	29.5	409.62	101.09	0.34	9.64	Carbon
ESM 2.5×37×142.5×30.5	2.5	37	142.5	30.5	421.41	101.09	0.33	9.64	Carbon
ESS 2.5×37×95×11.5	2.5	37	95	11.5	198.98	87.12	0.75	9.64	Stainless
ESS 2.5×37×97.5×12.5	2.5	37	97.5	12.5	210.93	87.12	0.68	9.64	Stainless
ESS 2.5×37×100×13.5	2.5	37	100	13.5	222.87	87.12	0.63	9.64	Stainless
ESS 2.5×37×102.5×14.5	2.5	37	102.5	14.5	234.84	87.12	0.59	9.64	Stainless
ESS 2.5×37×105×15.5	2.5	37	105	15.5	246.78	87.12	0.55	9.64	Stainless
ESS 2.5×37×107.5×16.5	2.5	37	107.5	16.5	258.75	87.12	0.51	9.64	Stainless

M: Carbon Steel;
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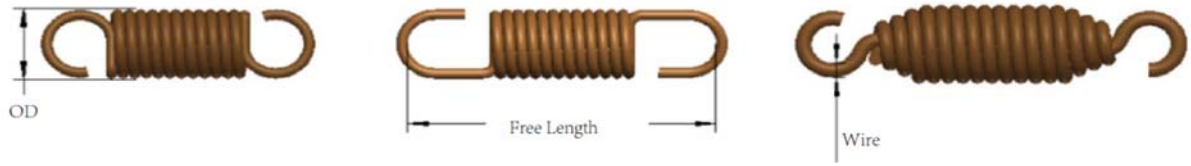
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.5×37×110×17.5	2.5	37	110	17.5	270.69	87.12	0.48	9.64	Stainless
ESS 2.5×37×112.5×18.5	2.5	37	112.5	18.5	282.65	87.12	0.46	9.64	Stainless
ESS 2.5×37×115×19.5	2.5	37	115	19.5	294.61	87.12	0.43	9.64	Stainless
ESS 2.5×37×117.5×20.5	2.5	37	117.5	20.5	306.53	87.12	0.41	9.64	Stainless
ESS 2.5×37×120×21.5	2.5	37	120	21.5	318.53	87.12	0.39	9.64	Stainless
ESS 2.5×37×122.5×22.5	2.5	37	122.5	22.5	330.46	87.12	0.37	9.64	Stainless
ESS 2.5×37×125×23.5	2.5	37	125	23.5	342.41	87.12	0.36	9.64	Stainless
ESS 2.5×37×127.5×24.5	2.5	37	127.5	24.5	354.39	87.12	0.34	9.64	Stainless
ESS 2.5×37×130×25.5	2.5	37	130	25.5	366.3	87.12	0.33	9.64	Stainless
ESS 2.5×37×132.5×26.5	2.5	37	132.5	26.5	378.25	87.12	0.32	9.64	Stainless
ESS 2.5×37×135×27.5	2.5	37	135	27.5	390.22	87.12	0.3	9.64	Stainless
ESS 2.5×37×137.5×28.5	2.5	37	137.5	28.5	402.13	87.12	0.29	9.64	Stainless
ESS 2.5×37×140×29.5	2.5	37	140	29.5	414.09	87.12	0.28	9.64	Stainless
ESS 2.5×37×142.5×30.5	2.5	37	142.5	30.5	426.12	87.12	0.27	9.64	Stainless
ESM 2.6×37×95×10.5	2.6	37	95	10.5	192.19	112.8	1.04	11.54	Carbon
ESM 2.6×37×97.5×11.5	2.6	37	97.5	11.5	203.44	112.8	0.96	11.54	Carbon
ESM 2.6×37×100×12.5	2.6	37	100	12.5	214.69	112.8	0.88	11.54	Carbon
ESM 2.6×37×102.5×13.5	2.6	37	102.5	13.5	225.94	112.8	0.82	11.54	Carbon
ESM 2.6×37×105×14.5	2.6	37	105	14.5	237.19	112.8	0.77	11.54	Carbon
ESM 2.6×37×107.5×15.5	2.6	37	107.5	15.5	248.45	112.8	0.72	11.54	Carbon
ESM 2.6×37×110×16.5	2.6	37	110	16.5	259.7	112.8	0.68	11.54	Carbon
ESM 2.6×37×112.5×17.5	2.6	37	112.5	17.5	270.94	112.8	0.64	11.54	Carbon
ESM 2.6×37×115×18.5	2.6	37	115	18.5	282.2	112.8	0.61	11.54	Carbon
ESM 2.6×37×117.5×19.5	2.6	37	117.5	19.5	293.45	112.8	0.58	11.54	Carbon
ESM 2.6×37×120×20.5	2.6	37	120	20.5	304.71	112.8	0.55	11.54	Carbon
ESM 2.6×37×122.5×21.5	2.6	37	122.5	21.5	315.96	112.8	0.52	11.54	Carbon
ESM 2.6×37×125×22.5	2.6	37	125	22.5	327.19	112.8	0.5	11.54	Carbon
ESM 2.6×37×127.5×23.5	2.6	37	127.5	23.5	338.45	112.8	0.48	11.54	Carbon
ESM 2.6×37×130×24.5	2.6	37	130	24.5	349.7	112.8	0.46	11.54	Carbon
ESM 2.6×37×132.5×25.5	2.6	37	132.5	25.5	360.97	112.8	0.44	11.54	Carbon
ESM 2.6×37×135×26.5	2.6	37	135	26.5	372.19	112.8	0.43	11.54	Carbon
ESM 2.6×37×137.5×27.5	2.6	37	137.5	27.5	383.45	112.8	0.41	11.54	Carbon
ESM 2.6×37×140×27.5	2.6	37	140	27.5	394.74	112.8	0.4	11.54	Carbon
ESM 2.6×37×142.5×28.5	2.6	37	142.5	28.5	405.99	112.8	0.38	11.54	Carbon
ESS 2.6×37×95×10.5	2.6	37	95	10.5	189.83	97.46	0.91	11.54	Stainless

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Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×37×97.5×11.5	2.6	37	97.5	11.5	200.86	97.46	0.83	11.54	Stainless
ESS 2.6×37×100×12.5	2.6	37	100	12.5	211.91	97.46	0.77	11.54	Stainless
ESS 2.6×37×102.5×13.5	2.6	37	102.5	13.5	222.95	97.46	0.71	11.54	Stainless
ESS 2.6×37×105×14.5	2.6	37	105	14.5	233.98	97.46	0.67	11.54	Stainless
ESS 2.6×37×107.5×15.5	2.6	37	107.5	15.5	245.03	97.46	0.62	11.54	Stainless
ESS 2.6×37×110×16.5	2.6	37	110	16.5	256.06	97.46	0.59	11.54	Stainless
ESS 2.6×37×112.5×17.5	2.6	37	112.5	17.5	267.1	97.46	0.56	11.54	Stainless
ESS 2.6×37×115×18.5	2.6	37	115	18.5	278.15	97.46	0.53	11.54	Stainless
ESS 2.6×37×117.5×19.5	2.6	37	117.5	19.5	289.19	97.46	0.5	11.54	Stainless
ESS 2.6×37×120×20.5	2.6	37	120	20.5	300.23	97.46	0.48	11.54	Stainless
ESS 2.6×37×122.5×21.5	2.6	37	122.5	21.5	311.28	97.46	0.46	11.54	Stainless
ESS 2.6×37×125×22.5	2.6	37	125	22.5	322.32	97.46	0.44	11.54	Stainless
ESS 2.6×37×127.5×23.5	2.6	37	127.5	23.5	333.33	97.46	0.42	11.54	Stainless
ESS 2.6×37×130×24.5	2.6	37	130	24.5	344.41	97.46	0.4	11.54	Stainless
ESS 2.6×37×132.5×25.5	2.6	37	132.5	25.5	355.42	97.46	0.39	11.54	Stainless
ESS 2.6×37×135×26.5	2.6	37	135	26.5	366.45	97.46	0.37	11.54	Stainless
ESS 2.6×37×137.5×27.5	2.6	37	137.5	27.5	377.48	97.46	0.36	11.54	Stainless
ESS 2.6×37×140×27.5	2.6	37	140	27.5	388.52	97.46	0.35	11.54	Stainless
ESS 2.6×37×142.5×28.5	2.6	37	142.5	28.5	399.57	97.46	0.33	11.54	Stainless
ESM 2.7×37×97.5×11.5	2.7	37	97.5	11.5	194.56	125.76	1.15	13.7	Carbon
ESM 2.7×37×100×12.5	2.7	37	100	12.5	205.01	125.76	1.07	13.7	Carbon
ESM 2.7×37×102.5×13.5	2.7	37	102.5	13.5	215.46	125.76	0.99	13.7	Carbon
ESM 2.7×37×105×14.5	2.7	37	105	14.5	225.91	125.76	0.93	13.7	Carbon
ESM 2.7×37×107.5×15.5	2.7	37	107.5	15.5	236.36	125.76	0.87	13.7	Carbon
ESM 2.7×37×110×15.5	2.7	37	110	15.5	246.81	125.76	0.82	13.7	Carbon
ESM 2.7×37×112.5×16.5	2.7	37	112.5	16.5	257.26	125.76	0.77	13.7	Carbon
ESM 2.7×37×115×17.5	2.7	37	115	17.5	267.71	125.76	0.73	13.7	Carbon
ESM 2.7×37×117.5×18.5	2.7	37	117.5	18.5	278.16	125.76	0.7	13.7	Carbon
ESM 2.7×37×120×19.5	2.7	37	120	19.5	288.61	125.76	0.66	13.7	Carbon
ESM 2.7×37×122.5×20.5	2.7	37	122.5	20.5	299.05	125.76	0.63	13.7	Carbon
ESM 2.7×37×125×21.5	2.7	37	125	21.5	309.52	125.76	0.61	13.7	Carbon
ESM 2.7×37×127.5×22.5	2.7	37	127.5	22.5	319.97	125.76	0.58	13.7	Carbon
ESM 2.7×37×130×23.5	2.7	37	130	23.5	330.43	125.76	0.56	13.7	Carbon
ESM 2.7×37×132.5×24.5	2.7	37	132.5	24.5	340.86	125.76	0.54	13.7	Carbon
ESM 2.7×37×135×25.5	2.7	37	135	25.5	351.33	125.76	0.52	13.7	Carbon

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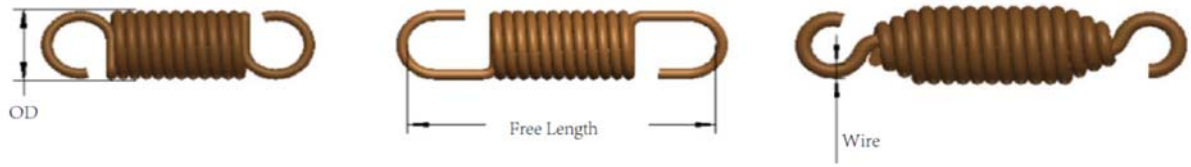
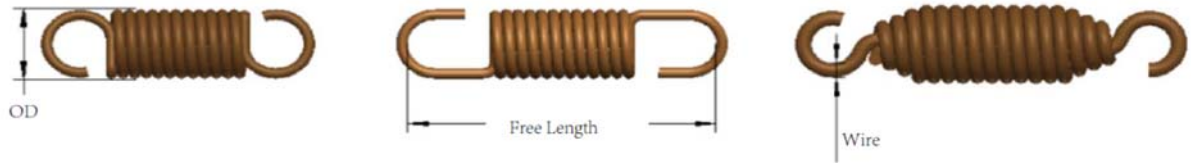
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.7×37×137.5×26.5	2.7	37	137.5	26.5	361.75	125.76	0.5	13.7	Carbon
ESM 2.7×37×140×27.5	2.7	37	140	27.5	372.2	125.76	0.48	13.7	Carbon
ESM 2.7×37×142.5×27.5	2.7	37	142.5	27.5	382.66	125.76	0.47	13.7	Carbon
ESM 2.7×37×145×28.5	2.7	37	145	28.5	393.14	125.76	0.45	13.7	Carbon
ESS 2.7×37×97.5×11.5	2.7	37	97.5	11.5	191.95	108.53	1	13.7	Stainless
ESS 2.7×37×100×12.5	2.7	37	100	12.5	202.19	108.53	0.93	13.7	Stainless
ESS 2.7×37×102.5×13.5	2.7	37	102.5	13.5	212.43	108.53	0.86	13.7	Stainless
ESS 2.7×37×105×14.5	2.7	37	105	14.5	222.66	108.53	0.81	13.7	Stainless
ESS 2.7×37×107.5×15.5	2.7	37	107.5	15.5	232.9	108.53	0.76	13.7	Stainless
ESS 2.7×37×110×15.5	2.7	37	110	15.5	243.14	108.53	0.71	13.7	Stainless
ESS 2.7×37×112.5×16.5	2.7	37	112.5	16.5	253.38	108.53	0.67	13.7	Stainless
ESS 2.7×37×115×17.5	2.7	37	115	17.5	263.6	108.53	0.64	13.7	Stainless
ESS 2.7×37×117.5×18.5	2.7	37	117.5	18.5	273.85	108.53	0.61	13.7	Stainless
ESS 2.7×37×120×19.5	2.7	37	120	19.5	284.08	108.53	0.58	13.7	Stainless
ESS 2.7×37×122.5×20.5	2.7	37	122.5	20.5	294.31	108.53	0.55	13.7	Stainless
ESS 2.7×37×125×21.5	2.7	37	125	21.5	304.56	108.53	0.53	13.7	Stainless
ESS 2.7×37×127.5×22.5	2.7	37	127.5	22.5	314.79	108.53	0.51	13.7	Stainless
ESS 2.7×37×130×23.5	2.7	37	130	23.5	325.03	108.53	0.49	13.7	Stainless
ESS 2.7×37×132.5×24.5	2.7	37	132.5	24.5	335.25	108.53	0.47	13.7	Stainless
ESS 2.7×37×135×25.5	2.7	37	135	25.5	345.49	108.53	0.45	13.7	Stainless
ESS 2.7×37×137.5×26.5	2.7	37	137.5	26.5	355.74	108.53	0.43	13.7	Stainless
ESS 2.7×37×140×27.5	2.7	37	140	27.5	365.99	108.53	0.42	13.7	Stainless
ESS 2.7×37×142.5×27.5	2.7	37	142.5	27.5	376.23	108.53	0.41	13.7	Stainless
ESS 2.7×37×145×28.5	2.7	37	145	28.5	386.47	108.53	0.39	13.7	Stainless
ESM 2.8×37×97.5×10.5	2.8	37	97.5	10.5	186.65	139.63	1.39	16.14	Carbon
ESM 2.8×37×100×11.5	2.8	37	100	11.5	196.39	139.63	1.28	16.14	Carbon
ESM 2.8×37×102.5×12.5	2.8	37	102.5	12.5	206.13	139.63	1.19	16.14	Carbon
ESM 2.8×37×105×13.5	2.8	37	105	13.5	215.87	139.63	1.11	16.14	Carbon
ESM 2.8×37×107.5×14.5	2.8	37	107.5	14.5	225.62	139.63	1.05	16.14	Carbon
ESM 2.8×37×110×15.5	2.8	37	110	15.5	235.36	139.63	0.99	16.14	Carbon
ESM 2.8×37×112.5×16.5	2.8	37	112.5	16.5	245.1	139.63	0.93	16.14	Carbon
ESM 2.8×37×115×17.5	2.8	37	115	17.5	254.84	139.63	0.88	16.14	Carbon
ESM 2.8×37×117.5×18.5	2.8	37	117.5	18.5	264.58	139.63	0.84	16.14	Carbon
ESM 2.8×37×120×19.5	2.8	37	120	19.5	274.32	139.63	0.8	16.14	Carbon
ESM 2.8×37×122.5×19.5	2.8	37	122.5	19.5	284.05	139.63	0.76	16.14	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×37×125×20.5	2.8	37	125	20.5	293.8	139.63	0.73	16.14	Carbon
ESM 2.8×37×127.5×21.5	2.8	37	127.5	21.5	303.54	139.63	0.7	16.14	Carbon
ESM 2.8×37×130×22.5	2.8	37	130	22.5	313.27	139.63	0.67	16.14	Carbon
ESM 2.8×37×132.5×23.5	2.8	37	132.5	23.5	323.01	139.63	0.65	16.14	Carbon
ESM 2.8×37×135×24.5	2.8	37	135	24.5	332.77	139.63	0.62	16.14	Carbon
ESM 2.8×37×137.5×25.5	2.8	37	137.5	25.5	342.5	139.63	0.6	16.14	Carbon
ESM 2.8×37×140×26.5	2.8	37	140	26.5	352.26	139.63	0.58	16.14	Carbon
ESM 2.8×37×142.5×27.5	2.8	37	142.5	27.5	362	139.63	0.56	16.14	Carbon
ESM 2.8×37×145×27.5	2.8	37	145	27.5	371.71	139.63	0.54	16.14	Carbon
ESS 2.8×37×97.5×10.5	2.8	37	97.5	10.5	184.02	120.35	1.2	16.14	Stainless
ESS 2.8×37×100×11.5	2.8	37	100	11.5	193.55	120.35	1.11	16.14	Stainless
ESS 2.8×37×102.5×12.5	2.8	37	102.5	12.5	203.07	120.35	1.04	16.14	Stainless
ESS 2.8×37×105×13.5	2.8	37	105	13.5	212.6	120.35	0.97	16.14	Stainless
ESS 2.8×37×107.5×14.5	2.8	37	107.5	14.5	222.13	120.35	0.91	16.14	Stainless
ESS 2.8×37×110×15.5	2.8	37	110	15.5	231.66	120.35	0.86	16.14	Stainless
ESS 2.8×37×112.5×16.5	2.8	37	112.5	16.5	241.19	120.35	0.81	16.14	Stainless
ESS 2.8×37×115×17.5	2.8	37	115	17.5	250.71	120.35	0.77	16.14	Stainless
ESS 2.8×37×117.5×18.5	2.8	37	117.5	18.5	260.24	120.35	0.73	16.14	Stainless
ESS 2.8×37×120×19.5	2.8	37	120	19.5	269.78	120.35	0.7	16.14	Stainless
ESS 2.8×37×122.5×19.5	2.8	37	122.5	19.5	279.28	120.35	0.66	16.14	Stainless
ESS 2.8×37×125×20.5	2.8	37	125	20.5	288.83	120.35	0.64	16.14	Stainless
ESS 2.8×37×127.5×21.5	2.8	37	127.5	21.5	298.34	120.35	0.61	16.14	Stainless
ESS 2.8×37×130×22.5	2.8	37	130	22.5	307.87	120.35	0.59	16.14	Stainless
ESS 2.8×37×132.5×23.5	2.8	37	132.5	23.5	317.41	120.35	0.56	16.14	Stainless
ESS 2.8×37×135×24.5	2.8	37	135	24.5	326.92	120.35	0.54	16.14	Stainless
ESS 2.8×37×137.5×25.5	2.8	37	137.5	25.5	336.46	120.35	0.52	16.14	Stainless
ESS 2.8×37×140×26.5	2.8	37	140	26.5	346	120.35	0.51	16.14	Stainless
ESS 2.8×37×142.5×27.5	2.8	37	142.5	27.5	355.53	120.35	0.49	16.14	Stainless
ESS 2.8×37×145×27.5	2.8	37	145	27.5	365.05	120.35	0.47	16.14	Stainless
ESM 2.9×37×100×11.5	2.9	37	100	11.5	188.31	153.84	1.53	18.86	Carbon
ESM 2.9×37×102.5×12.5	2.9	37	102.5	12.5	197.4	153.84	1.42	18.86	Carbon
ESM 2.9×37×105×13.5	2.9	37	105	13.5	206.48	153.84	1.33	18.86	Carbon
ESM 2.9×37×107.5×14.5	2.9	37	107.5	14.5	215.57	153.84	1.25	18.86	Carbon
ESM 2.9×37×110×15.5	2.9	37	110	15.5	224.65	153.84	1.18	18.86	Carbon
ESM 2.9×37×112.5×15.5	2.9	37	112.5	15.5	233.73	153.84	1.11	18.86	Carbon

M: Carbon Steel;
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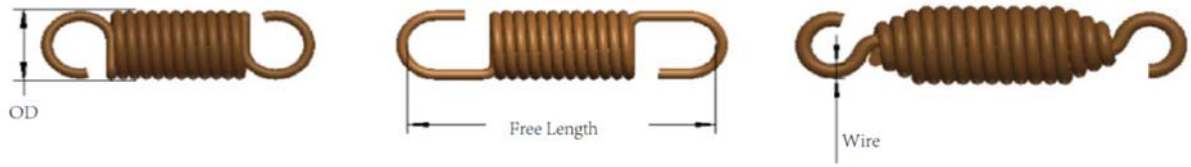
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×37×115×16.5	2.9	37	115	16.5	242.81	153.84	1.06	18.86	Carbon
ESM 2.9×37×117.5×17.5	2.9	37	117.5	17.5	251.9	153.84	1	18.86	Carbon
ESM 2.9×37×120×18.5	2.9	37	120	18.5	260.99	153.84	0.96	18.86	Carbon
ESM 2.9×37×122.5×19.5	2.9	37	122.5	19.5	270.07	153.84	0.91	18.86	Carbon
ESM 2.9×37×125×20.5	2.9	37	125	20.5	279.14	153.84	0.88	18.86	Carbon
ESM 2.9×37×127.5×21.5	2.9	37	127.5	21.5	288.23	153.84	0.84	18.86	Carbon
ESM 2.9×37×130×21.5	2.9	37	130	21.5	297.3	153.84	0.81	18.86	Carbon
ESM 2.9×37×132.5×22.5	2.9	37	132.5	22.5	306.4	153.84	0.78	18.86	Carbon
ESM 2.9×37×135×23.5	2.9	37	135	23.5	315.48	153.84	0.75	18.86	Carbon
ESM 2.9×37×137.5×24.5	2.9	37	137.5	24.5	324.56	153.84	0.72	18.86	Carbon
ESM 2.9×37×140×25.5	2.9	37	140	25.5	333.66	153.84	0.7	18.86	Carbon
ESM 2.9×37×142.5×26.5	2.9	37	142.5	26.5	342.74	153.84	0.67	18.86	Carbon
ESM 2.9×37×145×27.5	2.9	37	145	27.5	351.8	153.84	0.65	18.86	Carbon
ESM 2.9×37×147.5×27.5	2.9	37	147.5	27.5	360.91	153.84	0.63	18.86	Carbon
ESS 2.9×37×100×11.5	2.9	37	100	11.5	185.84	132.94	1.33	18.86	Stainless
ESS 2.9×37×102.5×12.5	2.9	37	102.5	12.5	194.74	132.94	1.24	18.86	Stainless
ESS 2.9×37×105×13.5	2.9	37	105	13.5	203.63	132.94	1.16	18.86	Stainless
ESS 2.9×37×107.5×14.5	2.9	37	107.5	14.5	212.54	132.94	1.09	18.86	Stainless
ESS 2.9×37×110×15.5	2.9	37	110	15.5	221.43	132.94	1.02	18.86	Stainless
ESS 2.9×37×112.5×15.5	2.9	37	112.5	15.5	230.33	132.94	0.97	18.86	Stainless
ESS 2.9×37×115×16.5	2.9	37	115	16.5	239.23	132.94	0.92	18.86	Stainless
ESS 2.9×37×117.5×17.5	2.9	37	117.5	17.5	248.13	132.94	0.87	18.86	Stainless
ESS 2.9×37×120×18.5	2.9	37	120	18.5	257.02	132.94	0.83	18.86	Stainless
ESS 2.9×37×122.5×19.5	2.9	37	122.5	19.5	265.93	132.94	0.8	18.86	Stainless
ESS 2.9×37×125×20.5	2.9	37	125	20.5	274.83	132.94	0.76	18.86	Stainless
ESS 2.9×37×127.5×21.5	2.9	37	127.5	21.5	283.71	132.94	0.73	18.86	Stainless
ESS 2.9×37×130×21.5	2.9	37	130	21.5	292.62	132.94	0.7	18.86	Stainless
ESS 2.9×37×132.5×22.5	2.9	37	132.5	22.5	301.51	132.94	0.68	18.86	Stainless
ESS 2.9×37×135×23.5	2.9	37	135	23.5	310.43	132.94	0.65	18.86	Stainless
ESS 2.9×37×137.5×24.5	2.9	37	137.5	24.5	319.3	132.94	0.63	18.86	Stainless
ESS 2.9×37×140×25.5	2.9	37	140	25.5	328.22	132.94	0.61	18.86	Stainless
ESS 2.9×37×142.5×26.5	2.9	37	142.5	26.5	337.11	132.94	0.59	18.86	Stainless
ESS 2.9×37×145×27.5	2.9	37	145	27.5	346.02	132.94	0.57	18.86	Stainless
ESS 2.9×37×147.5×27.5	2.9	37	147.5	27.5	354.92	132.94	0.55	18.86	Stainless
ESM 3×37×100×11.5	3	37	100	11.5	181.44	169.52	1.81	21.9	Carbon

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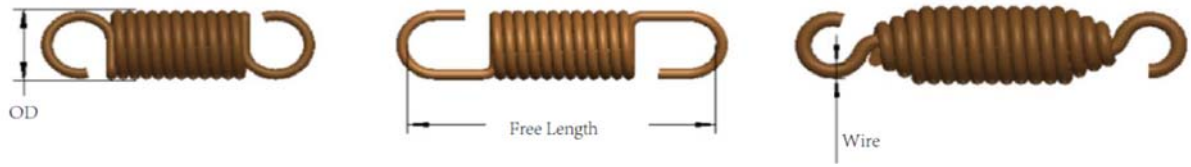
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×37×102.5×12.5	3	37	102.5	12.5	189.97	169.52	1.69	21.9	Carbon
ESM 3×37×105×12.5	3	37	105	12.5	198.49	169.52	1.58	21.9	Carbon
ESM 3×37×107.5×13.5	3	37	107.5	13.5	207.01	169.52	1.48	21.9	Carbon
ESM 3×37×110×14.5	3	37	110	14.5	215.54	169.52	1.4	21.9	Carbon
ESM 3×37×112.5×15.5	3	37	112.5	15.5	224.06	169.52	1.32	21.9	Carbon
ESM 3×37×115×16.5	3	37	115	16.5	232.58	169.52	1.26	21.9	Carbon
ESM 3×37×117.5×17.5	3	37	117.5	17.5	241.11	169.52	1.19	21.9	Carbon
ESM 3×37×120×17.5	3	37	120	17.5	249.63	169.52	1.14	21.9	Carbon
ESM 3×37×122.5×18.5	3	37	122.5	18.5	258.16	169.52	1.09	21.9	Carbon
ESM 3×37×125×19.5	3	37	125	19.5	266.67	169.52	1.04	21.9	Carbon
ESM 3×37×127.5×20.5	3	37	127.5	20.5	275.2	169.52	1	21.9	Carbon
ESM 3×37×130×21.5	3	37	130	21.5	283.73	169.52	0.96	21.9	Carbon
ESM 3×37×132.5×22.5	3	37	132.5	22.5	292.25	169.52	0.92	21.9	Carbon
ESM 3×37×135×22.5	3	37	135	22.5	300.78	169.52	0.89	21.9	Carbon
ESM 3×37×137.5×23.5	3	37	137.5	23.5	309.3	169.52	0.86	21.9	Carbon
ESM 3×37×140×24.5	3	37	140	24.5	317.82	169.52	0.83	21.9	Carbon
ESM 3×37×142.5×25.5	3	37	142.5	25.5	326.34	169.52	0.8	21.9	Carbon
ESM 3×37×145×26.5	3	37	145	26.5	334.87	169.52	0.78	21.9	Carbon
ESM 3×37×147.5×27.5	3	37	147.5	27.5	343.39	169.52	0.75	21.9	Carbon
ESS 3×37×100×11.5	3	37	100	11.5	178.94	146.32	1.58	21.9	Stainless
ESS 3×37×102.5×12.5	3	37	102.5	12.5	187.27	146.32	1.47	21.9	Stainless
ESS 3×37×105×12.5	3	37	105	12.5	195.61	146.32	1.37	21.9	Stainless
ESS 3×37×107.5×13.5	3	37	107.5	13.5	203.95	146.32	1.29	21.9	Stainless
ESS 3×37×110×14.5	3	37	110	14.5	212.29	146.32	1.22	21.9	Stainless
ESS 3×37×112.5×15.5	3	37	112.5	15.5	220.63	146.32	1.15	21.9	Stainless
ESS 3×37×115×16.5	3	37	115	16.5	228.97	146.32	1.09	21.9	Stainless
ESS 3×37×117.5×17.5	3	37	117.5	17.5	237.31	146.32	1.04	21.9	Stainless
ESS 3×37×120×17.5	3	37	120	17.5	245.64	146.32	0.99	21.9	Stainless
ESS 3×37×122.5×18.5	3	37	122.5	18.5	253.98	146.32	0.95	21.9	Stainless
ESS 3×37×125×19.5	3	37	125	19.5	262.31	146.32	0.91	21.9	Stainless
ESS 3×37×127.5×20.5	3	37	127.5	20.5	270.66	146.32	0.87	21.9	Stainless
ESS 3×37×130×21.5	3	37	130	21.5	279.01	146.32	0.84	21.9	Stainless
ESS 3×37×132.5×22.5	3	37	132.5	22.5	287.33	146.32	0.8	21.9	Stainless
ESS 3×37×135×22.5	3	37	135	22.5	295.67	146.32	0.77	21.9	Stainless
ESS 3×37×137.5×23.5	3	37	137.5	23.5	304.02	146.32	0.75	21.9	Stainless

M: Carbon Steel;
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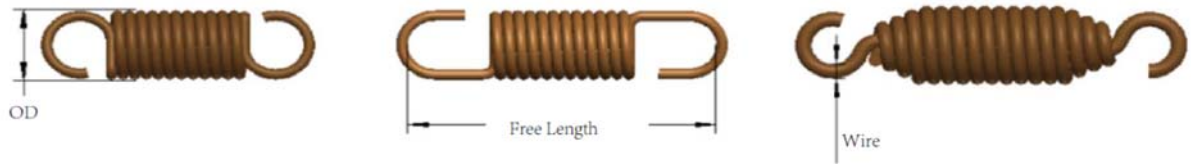
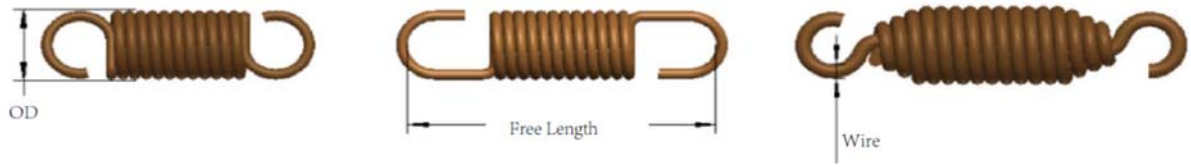
Max Length - Max Load



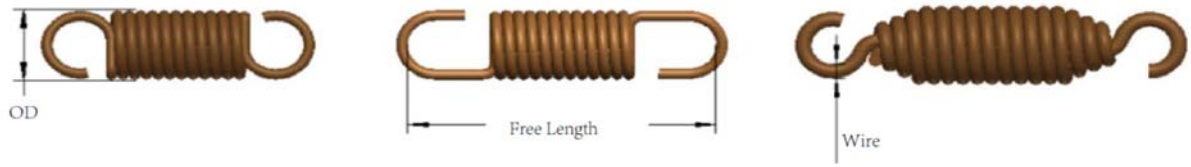
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3×37×140×24.5	3	37	140	24.5	312.35	146.32	0.72	21.9	Stainless
ESS 3×37×142.5×25.5	3	37	142.5	25.5	320.7	146.32	0.7	21.9	Stainless
ESS 3×37×145×26.5	3	37	145	26.5	329.03	146.32	0.68	21.9	Stainless
ESS 3×37×147.5×27.5	3	37	147.5	27.5	337.37	146.32	0.66	21.9	Stainless
ESM 3.5×37×105×11.5	3.5	37	105	11.5	168.23	260.75	3.45	42.46	Carbon
ESM 3.5×37×107.5×12.5	3.5	37	107.5	12.5	174.67	260.75	3.25	42.46	Carbon
ESM 3.5×37×110×12.5	3.5	37	110	12.5	181.11	260.75	3.07	42.46	Carbon
ESM 3.5×37×112.5×13.5	3.5	37	112.5	13.5	187.55	260.75	2.91	42.46	Carbon
ESM 3.5×37×115×14.5	3.5	37	115	14.5	193.99	260.75	2.76	42.46	Carbon
ESM 3.5×37×117.5×15.5	3.5	37	117.5	15.5	200.43	260.75	2.63	42.46	Carbon
ESM 3.5×37×120×15.5	3.5	37	120	15.5	206.88	260.75	2.51	42.46	Carbon
ESM 3.5×37×122.5×16.5	3.5	37	122.5	16.5	213.32	260.75	2.4	42.46	Carbon
ESM 3.5×37×125×17.5	3.5	37	125	17.5	219.76	260.75	2.3	42.46	Carbon
ESM 3.5×37×127.5×17.5	3.5	37	127.5	17.5	226.2	260.75	2.21	42.46	Carbon
ESM 3.5×37×130×18.5	3.5	37	130	18.5	232.64	260.75	2.13	42.46	Carbon
ESM 3.5×37×132.5×19.5	3.5	37	132.5	19.5	239.08	260.75	2.05	42.46	Carbon
ESM 3.5×37×135×20.5	3.5	37	135	20.5	245.53	260.75	1.97	42.46	Carbon
ESM 3.5×37×137.5×20.5	3.5	37	137.5	20.5	251.97	260.75	1.91	42.46	Carbon
ESM 3.5×37×140×21.5	3.5	37	140	21.5	258.41	260.75	1.84	42.46	Carbon
ESM 3.5×37×142.5×22.5	3.5	37	142.5	22.5	264.86	260.75	1.78	42.46	Carbon
ESM 3.5×37×145×22.5	3.5	37	145	22.5	271.29	260.75	1.73	42.46	Carbon
ESM 3.5×37×147.5×23.5	3.5	37	147.5	23.5	277.74	260.75	1.68	42.46	Carbon
ESM 3.5×37×150×24.5	3.5	37	150	24.5	284.18	260.75	1.63	42.46	Carbon
ESM 3.5×37×152.5×25.5	3.5	37	152.5	25.5	290.62	260.75	1.58	42.46	Carbon
ESS 3.5×37×105×11.5	3.5	37	105	11.5	161.79	212.96	3	42.46	Stainless
ESS 3.5×37×107.5×12.5	3.5	37	107.5	12.5	167.83	212.96	2.83	42.46	Stainless
ESS 3.5×37×110×12.5	3.5	37	110	12.5	173.87	212.96	2.67	42.46	Stainless
ESS 3.5×37×112.5×13.5	3.5	37	112.5	13.5	179.91	212.96	2.53	42.46	Stainless
ESS 3.5×37×115×14.5	3.5	37	115	14.5	185.95	212.96	2.4	42.46	Stainless
ESS 3.5×37×117.5×15.5	3.5	37	117.5	15.5	192	212.96	2.29	42.46	Stainless
ESS 3.5×37×120×15.5	3.5	37	120	15.5	198.04	212.96	2.18	42.46	Stainless
ESS 3.5×37×122.5×16.5	3.5	37	122.5	16.5	204.08	212.96	2.09	42.46	Stainless
ESS 3.5×37×125×17.5	3.5	37	125	17.5	210.12	212.96	2	42.46	Stainless
ESS 3.5×37×127.5×17.5	3.5	37	127.5	17.5	216.16	212.96	1.92	42.46	Stainless
ESS 3.5×37×130×18.5	3.5	37	130	18.5	222.2	212.96	1.85	42.46	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



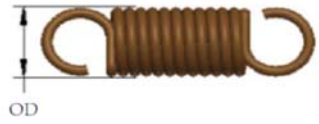
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3.5×37×132.5×19.5	3.5	37	132.5	19.5	228.24	212.96	1.78	42.46	Stainless
ESS 3.5×37×135×20.5	3.5	37	135	20.5	234.28	212.96	1.72	42.46	Stainless
ESS 3.5×37×137.5×20.5	3.5	37	137.5	20.5	240.32	212.96	1.66	42.46	Stainless
ESS 3.5×37×140×21.5	3.5	37	140	21.5	246.36	212.96	1.6	42.46	Stainless
ESS 3.5×37×142.5×22.5	3.5	37	142.5	22.5	252.41	212.96	1.55	42.46	Stainless
ESS 3.5×37×145×22.5	3.5	37	145	22.5	258.45	212.96	1.5	42.46	Stainless
ESS 3.5×37×147.5×23.5	3.5	37	147.5	23.5	264.49	212.96	1.46	42.46	Stainless
ESS 3.5×37×150×24.5	3.5	37	150	24.5	270.53	212.96	1.41	42.46	Stainless
ESS 3.5×37×152.5×25.5	3.5	37	152.5	25.5	276.57	212.96	1.37	42.46	Stainless
ESM 4×37×105×10.5	4	37	105	10.5	151.4	390.39	6.82	73.92	Carbon
ESM 4×37×107.5×10.5	4	37	107.5	10.5	156.7	390.39	6.43	73.92	Carbon
ESM 4×37×110×11.5	4	37	110	11.5	162	390.39	6.09	73.92	Carbon
ESM 4×37×112.5×12.5	4	37	112.5	12.5	167.31	390.39	5.77	73.92	Carbon
ESM 4×37×115×12.5	4	37	115	12.5	172.61	390.39	5.49	73.92	Carbon
ESM 4×37×117.5×13.5	4	37	117.5	13.5	177.91	390.39	5.24	73.92	Carbon
ESM 4×37×120×14.5	4	37	120	14.5	183.21	390.39	5.01	73.92	Carbon
ESM 4×37×122.5×14.5	4	37	122.5	14.5	188.51	390.39	4.79	73.92	Carbon
ESM 4×37×125×15.5	4	37	125	15.5	193.81	390.39	4.6	73.92	Carbon
ESM 4×37×127.5×15.5	4	37	127.5	15.5	199.12	390.39	4.42	73.92	Carbon
ESM 4×37×130×16.5	4	37	130	16.5	204.42	390.39	4.25	73.92	Carbon
ESM 4×37×132.5×17.5	4	37	132.5	17.5	209.72	390.39	4.1	73.92	Carbon
ESM 4×37×135×17.5	4	37	135	17.5	215.02	390.39	3.95	73.92	Carbon
ESM 4×37×137.5×18.5	4	37	137.5	18.5	220.32	390.39	3.82	73.92	Carbon
ESM 4×37×140×19.5	4	37	140	19.5	225.63	390.39	3.7	73.92	Carbon
ESM 4×37×142.5×19.5	4	37	142.5	19.5	230.93	390.39	3.58	73.92	Carbon
ESM 4×37×145×20.5	4	37	145	20.5	236.23	390.39	3.47	73.92	Carbon
ESM 4×37×147.5×20.5	4	37	147.5	20.5	241.53	390.39	3.37	73.92	Carbon
ESM 4×37×150×21.5	4	37	150	21.5	246.83	390.39	3.27	73.92	Carbon
ESM 4×37×152.5×22.5	4	37	152.5	22.5	252.14	390.39	3.18	73.92	Carbon
ESS 4×37×105×10.5	4	37	105	10.5	145.62	314.83	5.93	73.92	Stainless
ESS 4×37×107.5×10.5	4	37	107.5	10.5	150.57	314.83	5.59	73.92	Stainless
ESS 4×37×110×11.5	4	37	110	11.5	155.53	314.83	5.29	73.92	Stainless
ESS 4×37×112.5×12.5	4	37	112.5	12.5	160.48	314.83	5.02	73.92	Stainless
ESS 4×37×115×12.5	4	37	115	12.5	165.43	314.83	4.78	73.92	Stainless
ESS 4×37×117.5×13.5	4	37	117.5	13.5	170.38	314.83	4.56	73.92	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×37×120×14.5	4	37	120	14.5	175.34	314.83	4.35	73.92	Stainless
ESS 4×37×122.5×14.5	4	37	122.5	14.5	180.29	314.83	4.17	73.92	Stainless
ESS 4×37×125×15.5	4	37	125	15.5	185.24	314.83	4	73.92	Stainless
ESS 4×37×127.5×15.5	4	37	127.5	15.5	190.2	314.83	3.84	73.92	Stainless
ESS 4×37×130×16.5	4	37	130	16.5	195.15	314.83	3.7	73.92	Stainless
ESS 4×37×132.5×17.5	4	37	132.5	17.5	200.1	314.83	3.56	73.92	Stainless
ESS 4×37×135×17.5	4	37	135	17.5	205.05	314.83	3.44	73.92	Stainless
ESS 4×37×137.5×18.5	4	37	137.5	18.5	210.01	314.83	3.32	73.92	Stainless
ESS 4×37×140×19.5	4	37	140	19.5	214.96	314.83	3.21	73.92	Stainless
ESS 4×37×142.5×19.5	4	37	142.5	19.5	219.91	314.83	3.11	73.92	Stainless
ESS 4×37×145×20.5	4	37	145	20.5	224.86	314.83	3.02	73.92	Stainless
ESS 4×37×147.5×20.5	4	37	147.5	20.5	229.82	314.83	2.93	73.92	Stainless
ESS 4×37×150×21.5	4	37	150	21.5	234.77	314.83	2.84	73.92	Stainless
ESS 4×37×152.5×22.5	4	37	152.5	22.5	239.72	314.83	2.76	73.92	Stainless
ESM 2.6×38×100×11.5	2.6	38	100	11.5	214.56	109.62	0.86	10.77	Carbon
ESM 2.6×38×102.5×12.5	2.6	38	102.5	12.5	226.36	109.62	0.8	10.77	Carbon
ESM 2.6×38×105×13.5	2.6	38	105	13.5	238.17	109.62	0.74	10.77	Carbon
ESM 2.6×38×107.5×14.5	2.6	38	107.5	14.5	249.98	109.62	0.69	10.77	Carbon
ESM 2.6×38×110×15.5	2.6	38	110	15.5	261.78	109.62	0.65	10.77	Carbon
ESM 2.6×38×112.5×16.5	2.6	38	112.5	16.5	273.61	109.62	0.61	10.77	Carbon
ESM 2.6×38×115×17.5	2.6	38	115	17.5	285.42	109.62	0.58	10.77	Carbon
ESM 2.6×38×117.5×18.5	2.6	38	117.5	18.5	297.21	109.62	0.55	10.77	Carbon
ESM 2.6×38×120×19.5	2.6	38	120	19.5	309.03	109.62	0.52	10.77	Carbon
ESM 2.6×38×122.5×20.5	2.6	38	122.5	20.5	320.86	109.62	0.5	10.77	Carbon
ESM 2.6×38×125×21.5	2.6	38	125	21.5	332.65	109.62	0.48	10.77	Carbon
ESM 2.6×38×127.5×22.5	2.6	38	127.5	22.5	344.45	109.62	0.46	10.77	Carbon
ESM 2.6×38×130×23.5	2.6	38	130	23.5	356.29	109.62	0.44	10.77	Carbon
ESM 2.6×38×132.5×24.5	2.6	38	132.5	24.5	368.06	109.62	0.42	10.77	Carbon
ESM 2.6×38×135×25.5	2.6	38	135	25.5	379.9	109.62	0.4	10.77	Carbon
ESM 2.6×38×137.5×26.5	2.6	38	137.5	26.5	391.72	109.62	0.39	10.77	Carbon
ESM 2.6×38×140×27.5	2.6	38	140	27.5	403.51	109.62	0.38	10.77	Carbon
ESM 2.6×38×142.5×28.5	2.6	38	142.5	28.5	415.32	109.62	0.36	10.77	Carbon
ESM 2.6×38×145×29.5	2.6	38	145	29.5	427.16	109.62	0.35	10.77	Carbon
ESM 2.6×38×147.5×30.5	2.6	38	147.5	30.5	438.98	109.62	0.34	10.77	Carbon
ESS 2.6×38×100×11.5	2.6	38	100	11.5	211.86	94.7	0.75	10.77	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×38×102.5×12.5	2.6	38	102.5	12.5	223.45	94.7	0.69	10.77	Stainless
ESS 2.6×38×105×13.5	2.6	38	105	13.5	235.04	94.7	0.65	10.77	Stainless
ESS 2.6×38×107.5×14.5	2.6	38	107.5	14.5	246.64	94.7	0.6	10.77	Stainless
ESS 2.6×38×110×15.5	2.6	38	110	15.5	258.23	94.7	0.57	10.77	Stainless
ESS 2.6×38×112.5×16.5	2.6	38	112.5	16.5	269.82	94.7	0.53	10.77	Stainless
ESS 2.6×38×115×17.5	2.6	38	115	17.5	281.4	94.7	0.5	10.77	Stainless
ESS 2.6×38×117.5×18.5	2.6	38	117.5	18.5	293.01	94.7	0.48	10.77	Stainless
ESS 2.6×38×120×19.5	2.6	38	120	19.5	304.58	94.7	0.45	10.77	Stainless
ESS 2.6×38×122.5×20.5	2.6	38	122.5	20.5	316.2	94.7	0.43	10.77	Stainless
ESS 2.6×38×125×21.5	2.6	38	125	21.5	327.78	94.7	0.41	10.77	Stainless
ESS 2.6×38×127.5×22.5	2.6	38	127.5	22.5	339.39	94.7	0.4	10.77	Stainless
ESS 2.6×38×130×23.5	2.6	38	130	23.5	350.99	94.7	0.38	10.77	Stainless
ESS 2.6×38×132.5×24.5	2.6	38	132.5	24.5	362.57	94.7	0.36	10.77	Stainless
ESS 2.6×38×135×25.5	2.6	38	135	25.5	374.12	94.7	0.35	10.77	Stainless
ESS 2.6×38×137.5×26.5	2.6	38	137.5	26.5	385.74	94.7	0.34	10.77	Stainless
ESS 2.6×38×140×27.5	2.6	38	140	27.5	397.3	94.7	0.33	10.77	Stainless
ESS 2.6×38×142.5×28.5	2.6	38	142.5	28.5	408.95	94.7	0.32	10.77	Stainless
ESS 2.6×38×145×29.5	2.6	38	145	29.5	420.54	94.7	0.3	10.77	Stainless
ESS 2.6×38×147.5×30.5	2.6	38	147.5	30.5	432.11	94.7	0.29	10.77	Stainless
ESM 2.7×38×100×11.5	2.7	38	100	11.5	204.97	122.2	1.04	12.81	Carbon
ESM 2.7×38×102.5×12.5	2.7	38	102.5	12.5	215.93	122.2	0.96	12.81	Carbon
ESM 2.7×38×105×13.5	2.7	38	105	13.5	226.88	122.2	0.9	12.81	Carbon
ESM 2.7×38×107.5×14.5	2.7	38	107.5	14.5	237.85	122.2	0.84	12.81	Carbon
ESM 2.7×38×110×15.5	2.7	38	110	15.5	248.8	122.2	0.79	12.81	Carbon
ESM 2.7×38×112.5×16.5	2.7	38	112.5	16.5	259.77	122.2	0.74	12.81	Carbon
ESM 2.7×38×115×17.5	2.7	38	115	17.5	270.74	122.2	0.7	12.81	Carbon
ESM 2.7×38×117.5×17.5	2.7	38	117.5	17.5	281.7	122.2	0.67	12.81	Carbon
ESM 2.7×38×120×18.5	2.7	38	120	18.5	292.65	122.2	0.63	12.81	Carbon
ESM 2.7×38×122.5×19.5	2.7	38	122.5	19.5	303.61	122.2	0.6	12.81	Carbon
ESM 2.7×38×125×20.5	2.7	38	125	20.5	314.59	122.2	0.58	12.81	Carbon
ESM 2.7×38×127.5×21.5	2.7	38	127.5	21.5	325.53	122.2	0.55	12.81	Carbon
ESM 2.7×38×130×22.5	2.7	38	130	22.5	336.48	122.2	0.53	12.81	Carbon
ESM 2.7×38×132.5×23.5	2.7	38	132.5	23.5	347.46	122.2	0.51	12.81	Carbon
ESM 2.7×38×135×24.5	2.7	38	135	24.5	358.43	122.2	0.49	12.81	Carbon
ESM 2.7×38×137.5×25.5	2.7	38	137.5	25.5	369.36	122.2	0.47	12.81	Carbon

M: Carbon Steel;
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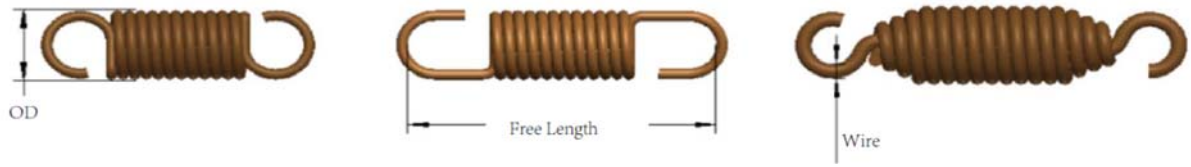
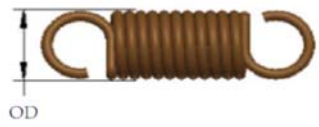
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.7×38×140×26.5	2.7	38	140	26.5	380.32	122.2	0.46	12.81	Carbon
ESM 2.7×38×142.5×27.5	2.7	38	142.5	27.5	391.29	122.2	0.44	12.81	Carbon
ESM 2.7×38×145×28.5	2.7	38	145	28.5	402.27	122.2	0.43	12.81	Carbon
ESM 2.7×38×147.5×29.5	2.7	38	147.5	29.5	413.21	122.2	0.41	12.81	Carbon
ESS 2.7×38×100×11.5	2.7	38	100	11.5	202.24	105.45	0.91	12.81	Stainless
ESS 2.7×38×102.5×12.5	2.7	38	102.5	12.5	212.98	105.45	0.84	12.81	Stainless
ESS 2.7×38×105×13.5	2.7	38	105	13.5	223.72	105.45	0.78	12.81	Stainless
ESS 2.7×38×107.5×14.5	2.7	38	107.5	14.5	234.46	105.45	0.73	12.81	Stainless
ESS 2.7×38×110×15.5	2.7	38	110	15.5	245.19	105.45	0.69	12.81	Stainless
ESS 2.7×38×112.5×16.5	2.7	38	112.5	16.5	255.94	105.45	0.65	12.81	Stainless
ESS 2.7×38×115×17.5	2.7	38	115	17.5	266.68	105.45	0.61	12.81	Stainless
ESS 2.7×38×117.5×17.5	2.7	38	117.5	17.5	277.43	105.45	0.58	12.81	Stainless
ESS 2.7×38×120×18.5	2.7	38	120	18.5	288.14	105.45	0.55	12.81	Stainless
ESS 2.7×38×122.5×19.5	2.7	38	122.5	19.5	298.9	105.45	0.53	12.81	Stainless
ESS 2.7×38×125×20.5	2.7	38	125	20.5	309.63	105.45	0.5	12.81	Stainless
ESS 2.7×38×127.5×21.5	2.7	38	127.5	21.5	320.39	105.45	0.48	12.81	Stainless
ESS 2.7×38×130×22.5	2.7	38	130	22.5	331.1	105.45	0.46	12.81	Stainless
ESS 2.7×38×132.5×23.5	2.7	38	132.5	23.5	341.87	105.45	0.44	12.81	Stainless
ESS 2.7×38×135×24.5	2.7	38	135	24.5	352.58	105.45	0.43	12.81	Stainless
ESS 2.7×38×137.5×25.5	2.7	38	137.5	25.5	363.36	105.45	0.41	12.81	Stainless
ESS 2.7×38×140×26.5	2.7	38	140	26.5	374.07	105.45	0.4	12.81	Stainless
ESS 2.7×38×142.5×27.5	2.7	38	142.5	27.5	384.84	105.45	0.38	12.81	Stainless
ESS 2.7×38×145×28.5	2.7	38	145	28.5	395.53	105.45	0.37	12.81	Stainless
ESS 2.7×38×147.5×29.5	2.7	38	147.5	29.5	406.29	105.45	0.36	12.81	Stainless
ESM 2.8×38×100×11.5	2.8	38	100	11.5	196.44	135.66	1.25	15.1	Carbon
ESM 2.8×38×102.5×12.5	2.8	38	102.5	12.5	206.65	135.66	1.16	15.1	Carbon
ESM 2.8×38×105×12.5	2.8	38	105	12.5	216.86	135.66	1.08	15.1	Carbon
ESM 2.8×38×107.5×13.5	2.8	38	107.5	13.5	227.06	135.66	1.01	15.1	Carbon
ESM 2.8×38×110×14.5	2.8	38	110	14.5	237.27	135.66	0.95	15.1	Carbon
ESM 2.8×38×112.5×15.5	2.8	38	112.5	15.5	247.48	135.66	0.89	15.1	Carbon
ESM 2.8×38×115×16.5	2.8	38	115	16.5	257.69	135.66	0.84	15.1	Carbon
ESM 2.8×38×117.5×17.5	2.8	38	117.5	17.5	267.9	135.66	0.8	15.1	Carbon
ESM 2.8×38×120×18.5	2.8	38	120	18.5	278.09	135.66	0.76	15.1	Carbon
ESM 2.8×38×122.5×19.5	2.8	38	122.5	19.5	288.31	135.66	0.73	15.1	Carbon
ESM 2.8×38×125×20.5	2.8	38	125	20.5	298.52	135.66	0.69	15.1	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

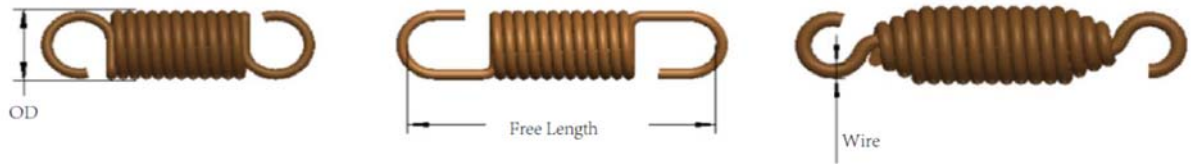






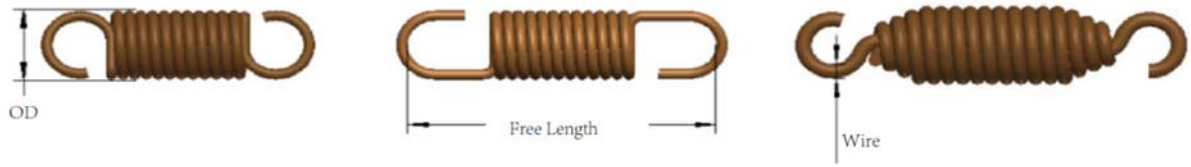
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×38×127.5×20.5	2.8	38	127.5	20.5	308.71	135.66	0.67	15.1	Carbon
ESM 2.8×38×130×21.5	2.8	38	130	21.5	318.94	135.66	0.64	15.1	Carbon
ESM 2.8×38×132.5×22.5	2.8	38	132.5	22.5	329.14	135.66	0.61	15.1	Carbon
ESM 2.8×38×135×23.5	2.8	38	135	23.5	339.34	135.66	0.59	15.1	Carbon
ESM 2.8×38×137.5×24.5	2.8	38	137.5	24.5	349.57	135.66	0.57	15.1	Carbon
ESM 2.8×38×140×25.5	2.8	38	140	25.5	359.76	135.66	0.55	15.1	Carbon
ESM 2.8×38×142.5×26.5	2.8	38	142.5	26.5	369.97	135.66	0.53	15.1	Carbon
ESM 2.8×38×145×27.5	2.8	38	145	27.5	380.19	135.66	0.51	15.1	Carbon
ESM 2.8×38×147.5×28.5	2.8	38	147.5	28.5	390.37	135.66	0.5	15.1	Carbon
ESS 2.8×38×100×11.5	2.8	38	100	11.5	193.67	116.93	1.09	15.1	Stainless
ESS 2.8×38×102.5×12.5	2.8	38	102.5	12.5	203.66	116.93	1.01	15.1	Stainless
ESS 2.8×38×105×12.5	2.8	38	105	12.5	213.64	116.93	0.94	15.1	Stainless
ESS 2.8×38×107.5×13.5	2.8	38	107.5	13.5	223.64	116.93	0.88	15.1	Stainless
ESS 2.8×38×110×14.5	2.8	38	110	14.5	233.63	116.93	0.82	15.1	Stainless
ESS 2.8×38×112.5×15.5	2.8	38	112.5	15.5	243.61	116.93	0.78	15.1	Stainless
ESS 2.8×38×115×16.5	2.8	38	115	16.5	253.6	116.93	0.73	15.1	Stainless
ESS 2.8×38×117.5×17.5	2.8	38	117.5	17.5	263.58	116.93	0.7	15.1	Stainless
ESS 2.8×38×120×18.5	2.8	38	120	18.5	273.57	116.93	0.66	15.1	Stainless
ESS 2.8×38×122.5×19.5	2.8	38	122.5	19.5	283.55	116.93	0.63	15.1	Stainless
ESS 2.8×38×125×20.5	2.8	38	125	20.5	293.54	116.93	0.6	15.1	Stainless
ESS 2.8×38×127.5×20.5	2.8	38	127.5	20.5	303.53	116.93	0.58	15.1	Stainless
ESS 2.8×38×130×21.5	2.8	38	130	21.5	313.51	116.93	0.55	15.1	Stainless
ESS 2.8×38×132.5×22.5	2.8	38	132.5	22.5	323.52	116.93	0.53	15.1	Stainless
ESS 2.8×38×135×23.5	2.8	38	135	23.5	333.5	116.93	0.51	15.1	Stainless
ESS 2.8×38×137.5×24.5	2.8	38	137.5	24.5	343.47	116.93	0.49	15.1	Stainless
ESS 2.8×38×140×25.5	2.8	38	140	25.5	353.48	116.93	0.48	15.1	Stainless
ESS 2.8×38×142.5×26.5	2.8	38	142.5	26.5	363.44	116.93	0.46	15.1	Stainless
ESS 2.8×38×145×27.5	2.8	38	145	27.5	373.42	116.93	0.45	15.1	Stainless
ESS 2.8×38×147.5×28.5	2.8	38	147.5	28.5	383.44	116.93	0.43	15.1	Stainless
ESM 2.9×38×100×10.5	2.9	38	100	10.5	188.43	149.46	1.49	17.67	Carbon
ESM 2.9×38×102.5×11.5	2.9	38	102.5	11.5	197.94	149.46	1.38	17.67	Carbon
ESM 2.9×38×105×12.5	2.9	38	105	12.5	207.45	149.46	1.29	17.67	Carbon
ESM 2.9×38×107.5×13.5	2.9	38	107.5	13.5	216.96	149.46	1.2	17.67	Carbon
ESM 2.9×38×110×14.5	2.9	38	110	14.5	226.47	149.46	1.13	17.67	Carbon
ESM 2.9×38×112.5×15.5	2.9	38	112.5	15.5	235.98	149.46	1.07	17.67	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



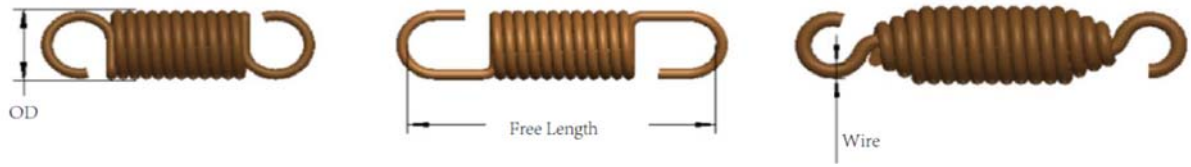
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×38×115×16.5	2.9	38	115	16.5	245.48	149.46	1.01	17.67	Carbon
ESM 2.9×38×117.5×16.5	2.9	38	117.5	16.5	254.99	149.46	0.96	17.67	Carbon
ESM 2.9×38×120×17.5	2.9	38	120	17.5	264.5	149.46	0.91	17.67	Carbon
ESM 2.9×38×122.5×18.5	2.9	38	122.5	18.5	274.01	149.46	0.87	17.67	Carbon
ESM 2.9×38×125×19.5	2.9	38	125	19.5	283.53	149.46	0.83	17.67	Carbon
ESM 2.9×38×127.5×20.5	2.9	38	127.5	20.5	293.04	149.46	0.8	17.67	Carbon
ESM 2.9×38×130×21.5	2.9	38	130	21.5	302.54	149.46	0.76	17.67	Carbon
ESM 2.9×38×132.5×22.5	2.9	38	132.5	22.5	312.04	149.46	0.73	17.67	Carbon
ESM 2.9×38×135×22.5	2.9	38	135	22.5	321.56	149.46	0.71	17.67	Carbon
ESM 2.9×38×137.5×23.5	2.9	38	137.5	23.5	331.07	149.46	0.68	17.67	Carbon
ESM 2.9×38×140×24.5	2.9	38	140	24.5	340.59	149.46	0.66	17.67	Carbon
ESM 2.9×38×142.5×25.5	2.9	38	142.5	25.5	350.1	149.46	0.63	17.67	Carbon
ESM 2.9×38×145×26.5	2.9	38	145	26.5	359.6	149.46	0.61	17.67	Carbon
ESM 2.9×38×147.5×27.5	2.9	38	147.5	27.5	369.1	149.46	0.59	17.67	Carbon
ESS 2.9×38×100×10.5	2.9	38	100	10.5	186.03	129.15	1.3	17.67	Stainless
ESS 2.9×38×102.5×11.5	2.9	38	102.5	11.5	195.35	129.15	1.2	17.67	Stainless
ESS 2.9×38×105×12.5	2.9	38	105	12.5	204.66	129.15	1.12	17.67	Stainless
ESS 2.9×38×107.5×13.5	2.9	38	107.5	13.5	213.99	129.15	1.05	17.67	Stainless
ESS 2.9×38×110×14.5	2.9	38	110	14.5	223.31	129.15	0.98	17.67	Stainless
ESS 2.9×38×112.5×15.5	2.9	38	112.5	15.5	232.62	129.15	0.93	17.67	Stainless
ESS 2.9×38×115×16.5	2.9	38	115	16.5	241.94	129.15	0.88	17.67	Stainless
ESS 2.9×38×117.5×16.5	2.9	38	117.5	16.5	251.25	129.15	0.83	17.67	Stainless
ESS 2.9×38×120×17.5	2.9	38	120	17.5	260.58	129.15	0.79	17.67	Stainless
ESS 2.9×38×122.5×18.5	2.9	38	122.5	18.5	269.9	129.15	0.76	17.67	Stainless
ESS 2.9×38×125×19.5	2.9	38	125	19.5	279.21	129.15	0.72	17.67	Stainless
ESS 2.9×38×127.5×20.5	2.9	38	127.5	20.5	288.53	129.15	0.69	17.67	Stainless
ESS 2.9×38×130×21.5	2.9	38	130	21.5	297.84	129.15	0.66	17.67	Stainless
ESS 2.9×38×132.5×22.5	2.9	38	132.5	22.5	307.18	129.15	0.64	17.67	Stainless
ESS 2.9×38×135×22.5	2.9	38	135	22.5	316.48	129.15	0.61	17.67	Stainless
ESS 2.9×38×137.5×23.5	2.9	38	137.5	23.5	325.81	129.15	0.59	17.67	Stainless
ESS 2.9×38×140×24.5	2.9	38	140	24.5	335.14	129.15	0.57	17.67	Stainless
ESS 2.9×38×142.5×25.5	2.9	38	142.5	25.5	344.46	129.15	0.55	17.67	Stainless
ESS 2.9×38×145×26.5	2.9	38	145	26.5	353.77	129.15	0.53	17.67	Stainless
ESS 2.9×38×147.5×27.5	2.9	38	147.5	27.5	363.09	129.15	0.52	17.67	Stainless
ESM 3×38×102.5×11.5	3	38	102.5	11.5	190.52	164.68	1.64	20.54	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



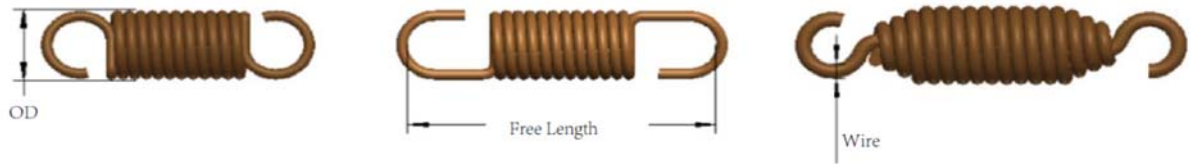
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×38×105×12.5	3	38	105	12.5	199.44	164.68	1.53	20.54	Carbon
ESM 3×38×107.5×13.5	3	38	107.5	13.5	208.36	164.68	1.43	20.54	Carbon
ESM 3×38×110×13.5	3	38	110	13.5	217.28	164.68	1.34	20.54	Carbon
ESM 3×38×112.5×14.5	3	38	112.5	14.5	226.19	164.68	1.27	20.54	Carbon
ESM 3×38×115×15.5	3	38	115	15.5	235.11	164.68	1.2	20.54	Carbon
ESM 3×38×117.5×16.5	3	38	117.5	16.5	244.03	164.68	1.14	20.54	Carbon
ESM 3×38×120×17.5	3	38	120	17.5	252.93	164.68	1.08	20.54	Carbon
ESM 3×38×122.5×18.5	3	38	122.5	18.5	261.86	164.68	1.03	20.54	Carbon
ESM 3×38×125×18.5	3	38	125	18.5	270.77	164.68	0.99	20.54	Carbon
ESM 3×38×127.5×19.5	3	38	127.5	19.5	279.69	164.68	0.95	20.54	Carbon
ESM 3×38×130×20.5	3	38	130	20.5	288.6	164.68	0.91	20.54	Carbon
ESM 3×38×132.5×21.5	3	38	132.5	21.5	297.51	164.68	0.87	20.54	Carbon
ESM 3×38×135×22.5	3	38	135	22.5	306.43	164.68	0.84	20.54	Carbon
ESM 3×38×137.5×23.5	3	38	137.5	23.5	315.34	164.68	0.81	20.54	Carbon
ESM 3×38×140×23.5	3	38	140	23.5	324.27	164.68	0.78	20.54	Carbon
ESM 3×38×142.5×24.5	3	38	142.5	24.5	333.18	164.68	0.76	20.54	Carbon
ESM 3×38×145×25.5	3	38	145	25.5	342.1	164.68	0.73	20.54	Carbon
ESM 3×38×147.5×26.5	3	38	147.5	26.5	351	164.68	0.71	20.54	Carbon
ESM 3×38×150×27.5	3	38	150	27.5	359.93	164.68	0.69	20.54	Carbon
ESS 3×38×102.5×11.5	3	38	102.5	11.5	187.9	142.14	1.42	20.54	Stainless
ESS 3×38×105×12.5	3	38	105	12.5	196.63	142.14	1.33	20.54	Stainless
ESS 3×38×107.5×13.5	3	38	107.5	13.5	205.35	142.14	1.24	20.54	Stainless
ESS 3×38×110×13.5	3	38	110	13.5	214.07	142.14	1.17	20.54	Stainless
ESS 3×38×112.5×14.5	3	38	112.5	14.5	222.79	142.14	1.1	20.54	Stainless
ESS 3×38×115×15.5	3	38	115	15.5	231.52	142.14	1.04	20.54	Stainless
ESS 3×38×117.5×16.5	3	38	117.5	16.5	240.25	142.14	0.99	20.54	Stainless
ESS 3×38×120×17.5	3	38	120	17.5	248.97	142.14	0.94	20.54	Stainless
ESS 3×38×122.5×18.5	3	38	122.5	18.5	257.7	142.14	0.9	20.54	Stainless
ESS 3×38×125×18.5	3	38	125	18.5	266.42	142.14	0.86	20.54	Stainless
ESS 3×38×127.5×19.5	3	38	127.5	19.5	275.14	142.14	0.82	20.54	Stainless
ESS 3×38×130×20.5	3	38	130	20.5	283.86	142.14	0.79	20.54	Stainless
ESS 3×38×132.5×21.5	3	38	132.5	21.5	292.6	142.14	0.76	20.54	Stainless
ESS 3×38×135×22.5	3	38	135	22.5	301.32	142.14	0.73	20.54	Stainless
ESS 3×38×137.5×23.5	3	38	137.5	23.5	310.05	142.14	0.7	20.54	Stainless
ESS 3×38×140×23.5	3	38	140	23.5	318.77	142.14	0.68	20.54	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



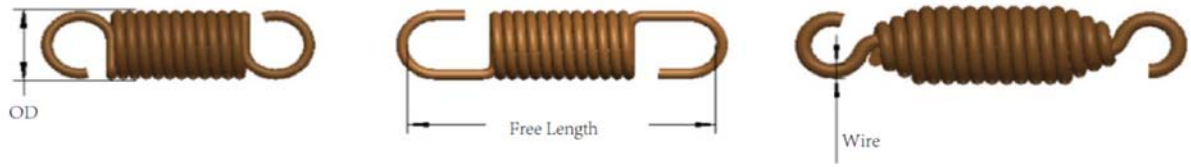
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3×38×142.5×24.5	3	38	142.5	24.5	327.49	142.14	0.66	20.54	Stainless
ESS 3×38×145×25.5	3	38	145	25.5	336.22	142.14	0.64	20.54	Stainless
ESS 3×38×147.5×26.5	3	38	147.5	26.5	344.93	142.14	0.62	20.54	Stainless
ESS 3×38×150×27.5	3	38	150	27.5	353.65	142.14	0.6	20.54	Stainless
ESM 3.5×38×102.5×10.5	3.5	38	102.5	10.5	162.37	253.19	3.56	40.01	Carbon
ESM 3.5×38×105×10.5	3.5	38	105	10.5	169.08	253.19	3.33	40.01	Carbon
ESM 3.5×38×107.5×11.5	3.5	38	107.5	11.5	175.78	253.19	3.12	40.01	Carbon
ESM 3.5×38×110×12.5	3.5	38	110	12.5	182.49	253.19	2.94	40.01	Carbon
ESM 3.5×38×112.5×13.5	3.5	38	112.5	13.5	189.19	253.19	2.78	40.01	Carbon
ESM 3.5×38×115×13.5	3.5	38	115	13.5	195.9	253.19	2.64	40.01	Carbon
ESM 3.5×38×117.5×14.5	3.5	38	117.5	14.5	202.6	253.19	2.5	40.01	Carbon
ESM 3.5×38×120×15.5	3.5	38	120	15.5	209.31	253.19	2.39	40.01	Carbon
ESM 3.5×38×122.5×15.5	3.5	38	122.5	15.5	216.01	253.19	2.28	40.01	Carbon
ESM 3.5×38×125×16.5	3.5	38	125	16.5	222.71	253.19	2.18	40.01	Carbon
ESM 3.5×38×127.5×17.5	3.5	38	127.5	17.5	229.42	253.19	2.09	40.01	Carbon
ESM 3.5×38×130×18.5	3.5	38	130	18.5	236.13	253.19	2.01	40.01	Carbon
ESM 3.5×38×132.5×18.5	3.5	38	132.5	18.5	242.83	253.19	1.93	40.01	Carbon
ESM 3.5×38×135×19.5	3.5	38	135	19.5	249.54	253.19	1.86	40.01	Carbon
ESM 3.5×38×137.5×20.5	3.5	38	137.5	20.5	256.24	253.19	1.8	40.01	Carbon
ESM 3.5×38×140×20.5	3.5	38	140	20.5	262.95	253.19	1.73	40.01	Carbon
ESM 3.5×38×142.5×21.5	3.5	38	142.5	21.5	269.65	253.19	1.68	40.01	Carbon
ESM 3.5×38×145×22.5	3.5	38	145	22.5	276.35	253.19	1.62	40.01	Carbon
ESM 3.5×38×147.5×23.5	3.5	38	147.5	23.5	283.06	253.19	1.57	40.01	Carbon
ESM 3.5×38×150×23.5	3.5	38	150	23.5	289.76	253.19	1.53	40.01	Carbon
ESS 3.5×38×102.5×10.5	3.5	38	102.5	10.5	156.37	206.79	3.1	40.01	Stainless
ESS 3.5×38×105×10.5	3.5	38	105	10.5	162.65	206.79	2.89	40.01	Stainless
ESS 3.5×38×107.5×11.5	3.5	38	107.5	11.5	168.93	206.79	2.71	40.01	Stainless
ESS 3.5×38×110×12.5	3.5	38	110	12.5	175.22	206.79	2.56	40.01	Stainless
ESS 3.5×38×112.5×13.5	3.5	38	112.5	13.5	181.5	206.79	2.42	40.01	Stainless
ESS 3.5×38×115×13.5	3.5	38	115	13.5	187.78	206.79	2.29	40.01	Stainless
ESS 3.5×38×117.5×14.5	3.5	38	117.5	14.5	194.06	206.79	2.18	40.01	Stainless
ESS 3.5×38×120×15.5	3.5	38	120	15.5	200.35	206.79	2.08	40.01	Stainless
ESS 3.5×38×122.5×15.5	3.5	38	122.5	15.5	206.63	206.79	1.98	40.01	Stainless
ESS 3.5×38×125×16.5	3.5	38	125	16.5	212.91	206.79	1.9	40.01	Stainless
ESS 3.5×38×127.5×17.5	3.5	38	127.5	17.5	219.2	206.79	1.82	40.01	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



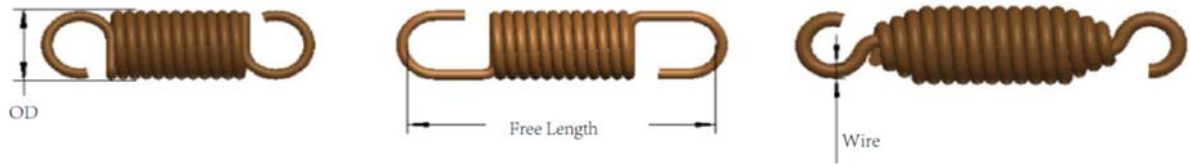
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3.5×38×130×18.5	3.5	38	130	18.5	225.48	206.79	1.75	40.01	Stainless
ESS 3.5×38×132.5×18.5	3.5	38	132.5	18.5	231.76	206.79	1.68	40.01	Stainless
ESS 3.5×38×135×19.5	3.5	38	135	19.5	238.05	206.79	1.62	40.01	Stainless
ESS 3.5×38×137.5×20.5	3.5	38	137.5	20.5	244.33	206.79	1.56	40.01	Stainless
ESS 3.5×38×140×20.5	3.5	38	140	20.5	250.61	206.79	1.51	40.01	Stainless
ESS 3.5×38×142.5×21.5	3.5	38	142.5	21.5	256.89	206.79	1.46	40.01	Stainless
ESS 3.5×38×145×22.5	3.5	38	145	22.5	263.18	206.79	1.41	40.01	Stainless
ESS 3.5×38×147.5×23.5	3.5	38	147.5	23.5	269.46	206.79	1.37	40.01	Stainless
ESS 3.5×38×150×23.5	3.5	38	150	23.5	275.74	206.79	1.33	40.01	Stainless
ESM 4×38×105×9.5	4	38	105	9.5	152.16	378.91	6.55	69.89	Carbon
ESM 4×38×107.5×10.5	4	38	107.5	10.5	157.65	378.91	6.16	69.89	Carbon
ESM 4×38×110×11.5	4	38	110	11.5	163.14	378.91	5.81	69.89	Carbon
ESM 4×38×112.5×11.5	4	38	112.5	11.5	168.64	378.91	5.5	69.89	Carbon
ESM 4×38×115×12.5	4	38	115	12.5	174.13	378.91	5.23	69.89	Carbon
ESM 4×38×117.5×12.5	4	38	117.5	12.5	179.62	378.91	4.97	69.89	Carbon
ESM 4×38×120×13.5	4	38	120	13.5	185.11	378.91	4.75	69.89	Carbon
ESM 4×38×122.5×14.5	4	38	122.5	14.5	190.61	378.91	4.54	69.89	Carbon
ESM 4×38×125×14.5	4	38	125	14.5	196.1	378.91	4.35	69.89	Carbon
ESM 4×38×127.5×15.5	4	38	127.5	15.5	201.59	378.91	4.17	69.89	Carbon
ESM 4×38×130×16.5	4	38	130	16.5	207.08	378.91	4.01	69.89	Carbon
ESM 4×38×132.5×16.5	4	38	132.5	16.5	212.57	378.91	3.86	69.89	Carbon
ESM 4×38×135×17.5	4	38	135	17.5	218.07	378.91	3.72	69.89	Carbon
ESM 4×38×137.5×17.5	4	38	137.5	17.5	223.56	378.91	3.59	69.89	Carbon
ESM 4×38×140×18.5	4	38	140	18.5	229.05	378.91	3.47	69.89	Carbon
ESM 4×38×142.5×19.5	4	38	142.5	19.5	234.54	378.91	3.36	69.89	Carbon
ESM 4×38×145×19.5	4	38	145	19.5	240.04	378.91	3.25	69.89	Carbon
ESM 4×38×147.5×20.5	4	38	147.5	20.5	245.53	378.91	3.15	69.89	Carbon
ESM 4×38×150×21.5	4	38	150	21.5	251.02	378.91	3.06	69.89	Carbon
ESM 4×38×152.5×21.5	4	38	152.5	21.5	256.51	378.91	2.97	69.89	Carbon
ESS 4×38×105×9.5	4	38	105	9.5	146.36	305.57	5.7	69.89	Stainless
ESS 4×38×107.5×10.5	4	38	107.5	10.5	151.49	305.57	5.36	69.89	Stainless
ESS 4×38×110×11.5	4	38	110	11.5	156.61	305.57	5.06	69.89	Stainless
ESS 4×38×112.5×11.5	4	38	112.5	11.5	161.74	305.57	4.79	69.89	Stainless
ESS 4×38×115×12.5	4	38	115	12.5	166.86	305.57	4.54	69.89	Stainless
ESS 4×38×117.5×12.5	4	38	117.5	12.5	171.98	305.57	4.33	69.89	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



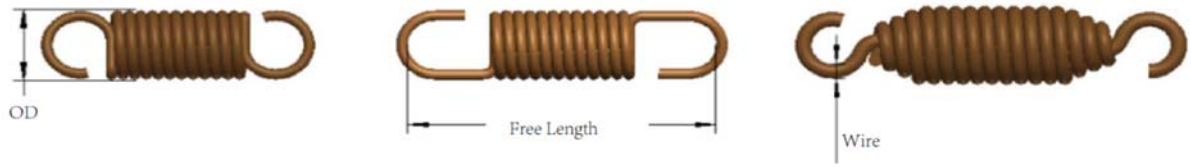
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×38×120×13.5	4	38	120	13.5	177.11	305.57	4.13	69.89	Stainless
ESS 4×38×122.5×14.5	4	38	122.5	14.5	182.23	305.57	3.95	69.89	Stainless
ESS 4×38×125×14.5	4	38	125	14.5	187.36	305.57	3.78	69.89	Stainless
ESS 4×38×127.5×15.5	4	38	127.5	15.5	192.48	305.57	3.63	69.89	Stainless
ESS 4×38×130×16.5	4	38	130	16.5	197.61	305.57	3.49	69.89	Stainless
ESS 4×38×132.5×16.5	4	38	132.5	16.5	202.73	305.57	3.36	69.89	Stainless
ESS 4×38×135×17.5	4	38	135	17.5	207.86	305.57	3.23	69.89	Stainless
ESS 4×38×137.5×17.5	4	38	137.5	17.5	212.98	305.57	3.12	69.89	Stainless
ESS 4×38×140×18.5	4	38	140	18.5	218.11	305.57	3.02	69.89	Stainless
ESS 4×38×142.5×19.5	4	38	142.5	19.5	223.23	305.57	2.92	69.89	Stainless
ESS 4×38×145×19.5	4	38	145	19.5	228.35	305.57	2.83	69.89	Stainless
ESS 4×38×147.5×20.5	4	38	147.5	20.5	233.48	305.57	2.74	69.89	Stainless
ESS 4×38×150×21.5	4	38	150	21.5	238.6	305.57	2.66	69.89	Stainless
ESS 4×38×152.5×21.5	4	38	152.5	21.5	243.73	305.57	2.58	69.89	Stainless
ESM 2.6×39×97.5×10.5	2.6	39	97.5	10.5	201.34	106.6	0.93	10.06	Carbon
ESM 2.6×39×100×11.5	2.6	39	100	11.5	213.72	106.6	0.85	10.06	Carbon
ESM 2.6×39×102.5×12.5	2.6	39	102.5	12.5	226.11	106.6	0.78	10.06	Carbon
ESM 2.6×39×105×12.5	2.6	39	105	12.5	238.51	106.6	0.72	10.06	Carbon
ESM 2.6×39×107.5×13.5	2.6	39	107.5	13.5	250.88	106.6	0.67	10.06	Carbon
ESM 2.6×39×110×14.5	2.6	39	110	14.5	263.26	106.6	0.63	10.06	Carbon
ESM 2.6×39×112.5×15.5	2.6	39	112.5	15.5	275.66	106.6	0.59	10.06	Carbon
ESM 2.6×39×115×16.5	2.6	39	115	16.5	288.04	106.6	0.56	10.06	Carbon
ESM 2.6×39×117.5×17.5	2.6	39	117.5	17.5	300.45	106.6	0.53	10.06	Carbon
ESM 2.6×39×120×18.5	2.6	39	120	18.5	312.81	106.6	0.5	10.06	Carbon
ESM 2.6×39×122.5×19.5	2.6	39	122.5	19.5	325.19	106.6	0.48	10.06	Carbon
ESM 2.6×39×125×20.5	2.6	39	125	20.5	337.6	106.6	0.45	10.06	Carbon
ESM 2.6×39×127.5×21.5	2.6	39	127.5	21.5	350	106.6	0.43	10.06	Carbon
ESM 2.6×39×130×22.5	2.6	39	130	22.5	362.35	106.6	0.42	10.06	Carbon
ESM 2.6×39×132.5×23.5	2.6	39	132.5	23.5	374.76	106.6	0.4	10.06	Carbon
ESM 2.6×39×135×24.5	2.6	39	135	24.5	387.13	106.6	0.38	10.06	Carbon
ESM 2.6×39×137.5×25.5	2.6	39	137.5	25.5	399.55	106.6	0.37	10.06	Carbon
ESM 2.6×39×140×26.5	2.6	39	140	26.5	411.95	106.6	0.36	10.06	Carbon
ESM 2.6×39×142.5×27.5	2.6	39	142.5	27.5	424.29	106.6	0.34	10.06	Carbon
ESM 2.6×39×145×28.5	2.6	39	145	28.5	436.66	106.6	0.33	10.06	Carbon
ESS 2.6×39×97.5×10.5	2.6	39	97.5	10.5	198.98	92.1	0.81	10.06	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.6×39×100×11.5	2.6	39	100	11.5	211.15	92.1	0.74	10.06	Stainless
ESS 2.6×39×102.5×12.5	2.6	39	102.5	12.5	223.31	92.1	0.68	10.06	Stainless
ESS 2.6×39×105×12.5	2.6	39	105	12.5	235.47	92.1	0.63	10.06	Stainless
ESS 2.6×39×107.5×13.5	2.6	39	107.5	13.5	247.62	92.1	0.59	10.06	Stainless
ESS 2.6×39×110×14.5	2.6	39	110	14.5	259.79	92.1	0.55	10.06	Stainless
ESS 2.6×39×112.5×15.5	2.6	39	112.5	15.5	271.96	92.1	0.51	10.06	Stainless
ESS 2.6×39×115×16.5	2.6	39	115	16.5	284.12	92.1	0.49	10.06	Stainless
ESS 2.6×39×117.5×17.5	2.6	39	117.5	17.5	296.27	92.1	0.46	10.06	Stainless
ESS 2.6×39×120×18.5	2.6	39	120	18.5	308.42	92.1	0.44	10.06	Stainless
ESS 2.6×39×122.5×19.5	2.6	39	122.5	19.5	320.62	92.1	0.41	10.06	Stainless
ESS 2.6×39×125×20.5	2.6	39	125	20.5	332.75	92.1	0.39	10.06	Stainless
ESS 2.6×39×127.5×21.5	2.6	39	127.5	21.5	344.94	92.1	0.38	10.06	Stainless
ESS 2.6×39×130×22.5	2.6	39	130	22.5	357.07	92.1	0.36	10.06	Stainless
ESS 2.6×39×132.5×23.5	2.6	39	132.5	23.5	369.27	92.1	0.35	10.06	Stainless
ESS 2.6×39×135×24.5	2.6	39	135	24.5	381.44	92.1	0.33	10.06	Stainless
ESS 2.6×39×137.5×25.5	2.6	39	137.5	25.5	393.55	92.1	0.32	10.06	Stainless
ESS 2.6×39×140×26.5	2.6	39	140	26.5	405.76	92.1	0.31	10.06	Stainless
ESS 2.6×39×142.5×27.5	2.6	39	142.5	27.5	417.89	92.1	0.3	10.06	Stainless
ESS 2.6×39×145×28.5	2.6	39	145	28.5	430.06	92.1	0.29	10.06	Stainless
ESM 2.7×39×100×10.5	2.7	39	100	10.5	204.31	118.83	1.02	11.98	Carbon
ESM 2.7×39×102.5×11.5	2.7	39	102.5	11.5	215.8	118.83	0.94	11.98	Carbon
ESM 2.7×39×105×12.5	2.7	39	105	12.5	227.29	118.83	0.87	11.98	Carbon
ESM 2.7×39×107.5×13.5	2.7	39	107.5	13.5	238.77	118.83	0.81	11.98	Carbon
ESM 2.7×39×110×14.5	2.7	39	110	14.5	250.25	118.83	0.76	11.98	Carbon
ESM 2.7×39×112.5×15.5	2.7	39	112.5	15.5	261.74	118.83	0.72	11.98	Carbon
ESM 2.7×39×115×16.5	2.7	39	115	16.5	273.23	118.83	0.68	11.98	Carbon
ESM 2.7×39×117.5×17.5	2.7	39	117.5	17.5	284.72	118.83	0.64	11.98	Carbon
ESM 2.7×39×120×18.5	2.7	39	120	18.5	296.21	118.83	0.61	11.98	Carbon
ESM 2.7×39×122.5×19.5	2.7	39	122.5	19.5	307.69	118.83	0.58	11.98	Carbon
ESM 2.7×39×125×20.5	2.7	39	125	20.5	319.17	118.83	0.55	11.98	Carbon
ESM 2.7×39×127.5×20.5	2.7	39	127.5	20.5	330.64	118.83	0.53	11.98	Carbon
ESM 2.7×39×130×21.5	2.7	39	130	21.5	342.14	118.83	0.5	11.98	Carbon
ESM 2.7×39×132.5×22.5	2.7	39	132.5	22.5	353.64	118.83	0.48	11.98	Carbon
ESM 2.7×39×135×23.5	2.7	39	135	23.5	365.14	118.83	0.46	11.98	Carbon
ESM 2.7×39×137.5×24.5	2.7	39	137.5	24.5	376.6	118.83	0.45	11.98	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.7×39×140×25.5	2.7	39	140	25.5	388.09	118.83	0.43	11.98	Carbon
ESM 2.7×39×142.5×26.5	2.7	39	142.5	26.5	399.54	118.83	0.42	11.98	Carbon
ESM 2.7×39×145×27.5	2.7	39	145	27.5	411.07	118.83	0.4	11.98	Carbon
ESM 2.7×39×147.5×28.5	2.7	39	147.5	28.5	422.54	118.83	0.39	11.98	Carbon
ESS 2.7×39×100×10.5	2.7	39	100	10.5	201.67	102.55	0.89	11.98	Stainless
ESS 2.7×39×102.5×11.5	2.7	39	102.5	11.5	212.94	102.55	0.82	11.98	Stainless
ESS 2.7×39×105×12.5	2.7	39	105	12.5	224.2	102.55	0.76	11.98	Stainless
ESS 2.7×39×107.5×13.5	2.7	39	107.5	13.5	235.46	102.55	0.71	11.98	Stainless
ESS 2.7×39×110×14.5	2.7	39	110	14.5	246.71	102.55	0.66	11.98	Stainless
ESS 2.7×39×112.5×15.5	2.7	39	112.5	15.5	257.97	102.55	0.62	11.98	Stainless
ESS 2.7×39×115×16.5	2.7	39	115	16.5	269.24	102.55	0.59	11.98	Stainless
ESS 2.7×39×117.5×17.5	2.7	39	117.5	17.5	280.48	102.55	0.56	11.98	Stainless
ESS 2.7×39×120×18.5	2.7	39	120	18.5	291.76	102.55	0.53	11.98	Stainless
ESS 2.7×39×122.5×19.5	2.7	39	122.5	19.5	303.02	102.55	0.5	11.98	Stainless
ESS 2.7×39×125×20.5	2.7	39	125	20.5	314.28	102.55	0.48	11.98	Stainless
ESS 2.7×39×127.5×20.5	2.7	39	127.5	20.5	325.51	102.55	0.46	11.98	Stainless
ESS 2.7×39×130×21.5	2.7	39	130	21.5	336.78	102.55	0.44	11.98	Stainless
ESS 2.7×39×132.5×22.5	2.7	39	132.5	22.5	348.04	102.55	0.42	11.98	Stainless
ESS 2.7×39×135×23.5	2.7	39	135	23.5	359.29	102.55	0.4	11.98	Stainless
ESS 2.7×39×137.5×24.5	2.7	39	137.5	24.5	370.56	102.55	0.39	11.98	Stainless
ESS 2.7×39×140×25.5	2.7	39	140	25.5	381.84	102.55	0.37	11.98	Stainless
ESS 2.7×39×142.5×26.5	2.7	39	142.5	26.5	393.11	102.55	0.36	11.98	Stainless
ESS 2.7×39×145×27.5	2.7	39	145	27.5	404.36	102.55	0.35	11.98	Stainless
ESS 2.7×39×147.5×28.5	2.7	39	147.5	28.5	415.61	102.55	0.34	11.98	Stainless
ESM 2.8×39×100×10.5	2.8	39	100	10.5	195.91	131.91	1.23	14.14	Carbon
ESM 2.8×39×102.5×11.5	2.8	39	102.5	11.5	206.6	131.91	1.13	14.14	Carbon
ESM 2.8×39×105×12.5	2.8	39	105	12.5	217.29	131.91	1.05	14.14	Carbon
ESM 2.8×39×107.5×13.5	2.8	39	107.5	13.5	227.98	131.91	0.98	14.14	Carbon
ESM 2.8×39×110×14.5	2.8	39	110	14.5	238.67	131.91	0.92	14.14	Carbon
ESM 2.8×39×112.5×14.5	2.8	39	112.5	14.5	249.36	131.91	0.86	14.14	Carbon
ESM 2.8×39×115×15.5	2.8	39	115	15.5	260.05	131.91	0.81	14.14	Carbon
ESM 2.8×39×117.5×16.5	2.8	39	117.5	16.5	270.75	131.91	0.77	14.14	Carbon
ESM 2.8×39×120×17.5	2.8	39	120	17.5	281.44	131.91	0.73	14.14	Carbon
ESM 2.8×39×122.5×18.5	2.8	39	122.5	18.5	292.12	131.91	0.69	14.14	Carbon
ESM 2.8×39×125×19.5	2.8	39	125	19.5	302.82	131.91	0.66	14.14	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

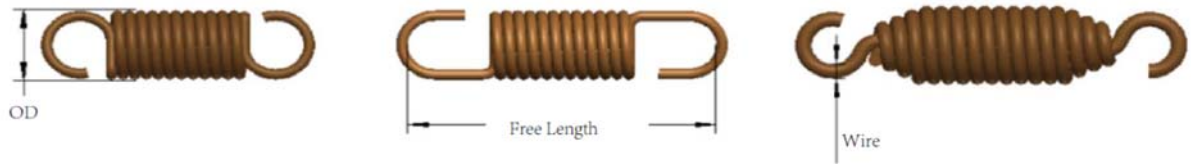






SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×39×127.5×20.5	2.8	39	127.5	20.5	313.49	131.91	0.63	14.14	Carbon
ESM 2.8×39×130×21.5	2.8	39	130	21.5	324.18	131.91	0.61	14.14	Carbon
ESM 2.8×39×132.5×22.5	2.8	39	132.5	22.5	334.89	131.91	0.58	14.14	Carbon
ESM 2.8×39×135×22.5	2.8	39	135	22.5	345.57	131.91	0.56	14.14	Carbon
ESM 2.8×39×137.5×23.5	2.8	39	137.5	23.5	356.24	131.91	0.54	14.14	Carbon
ESM 2.8×39×140×24.5	2.8	39	140	24.5	366.96	131.91	0.52	14.14	Carbon
ESM 2.8×39×142.5×25.5	2.8	39	142.5	25.5	377.62	131.91	0.5	14.14	Carbon
ESM 2.8×39×145×26.5	2.8	39	145	26.5	388.33	131.91	0.48	14.14	Carbon
ESM 2.8×39×147.5×27.5	2.8	39	147.5	27.5	399.04	131.91	0.47	14.14	Carbon
ESS 2.8×39×100×10.5	2.8	39	100	10.5	193.24	113.7	1.07	14.14	Stainless
ESS 2.8×39×102.5×11.5	2.8	39	102.5	11.5	203.71	113.7	0.98	14.14	Stainless
ESS 2.8×39×105×12.5	2.8	39	105	12.5	214.16	113.7	0.91	14.14	Stainless
ESS 2.8×39×107.5×13.5	2.8	39	107.5	13.5	224.63	113.7	0.85	14.14	Stainless
ESS 2.8×39×110×14.5	2.8	39	110	14.5	235.09	113.7	0.8	14.14	Stainless
ESS 2.8×39×112.5×14.5	2.8	39	112.5	14.5	245.55	113.7	0.75	14.14	Stainless
ESS 2.8×39×115×15.5	2.8	39	115	15.5	256.02	113.7	0.71	14.14	Stainless
ESS 2.8×39×117.5×16.5	2.8	39	117.5	16.5	266.47	113.7	0.67	14.14	Stainless
ESS 2.8×39×120×17.5	2.8	39	120	17.5	276.93	113.7	0.63	14.14	Stainless
ESS 2.8×39×122.5×18.5	2.8	39	122.5	18.5	287.39	113.7	0.6	14.14	Stainless
ESS 2.8×39×125×19.5	2.8	39	125	19.5	297.84	113.7	0.58	14.14	Stainless
ESS 2.8×39×127.5×20.5	2.8	39	127.5	20.5	308.32	113.7	0.55	14.14	Stainless
ESS 2.8×39×130×21.5	2.8	39	130	21.5	318.77	113.7	0.53	14.14	Stainless
ESS 2.8×39×132.5×22.5	2.8	39	132.5	22.5	329.25	113.7	0.51	14.14	Stainless
ESS 2.8×39×135×22.5	2.8	39	135	22.5	339.68	113.7	0.49	14.14	Stainless
ESS 2.8×39×137.5×23.5	2.8	39	137.5	23.5	350.18	113.7	0.47	14.14	Stainless
ESS 2.8×39×140×24.5	2.8	39	140	24.5	360.6	113.7	0.45	14.14	Stainless
ESS 2.8×39×142.5×25.5	2.8	39	142.5	25.5	371.11	113.7	0.44	14.14	Stainless
ESS 2.8×39×145×26.5	2.8	39	145	26.5	381.54	113.7	0.42	14.14	Stainless
ESS 2.8×39×147.5×27.5	2.8	39	147.5	27.5	391.99	113.7	0.41	14.14	Stainless
ESM 2.9×39×100×10.5	2.9	39	100	10.5	188.03	145.32	1.46	16.57	Carbon
ESM 2.9×39×102.5×11.5	2.9	39	102.5	11.5	197.97	145.32	1.35	16.57	Carbon
ESM 2.9×39×105×11.5	2.9	39	105	11.5	207.92	145.32	1.25	16.57	Carbon
ESM 2.9×39×107.5×12.5	2.9	39	107.5	12.5	217.88	145.32	1.17	16.57	Carbon
ESM 2.9×39×110×13.5	2.9	39	110	13.5	227.82	145.32	1.09	16.57	Carbon
ESM 2.9×39×112.5×14.5	2.9	39	112.5	14.5	237.78	145.32	1.03	16.57	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×39×115×15.5	2.9	39	115	15.5	247.73	145.32	0.97	16.57	Carbon
ESM 2.9×39×117.5×16.5	2.9	39	117.5	16.5	257.67	145.32	0.92	16.57	Carbon
ESM 2.9×39×120×17.5	2.9	39	120	17.5	267.63	145.32	0.87	16.57	Carbon
ESM 2.9×39×122.5×17.5	2.9	39	122.5	17.5	277.58	145.32	0.83	16.57	Carbon
ESM 2.9×39×125×18.5	2.9	39	125	18.5	287.52	145.32	0.79	16.57	Carbon
ESM 2.9×39×127.5×19.5	2.9	39	127.5	19.5	297.48	145.32	0.76	16.57	Carbon
ESM 2.9×39×130×20.5	2.9	39	130	20.5	307.43	145.32	0.73	16.57	Carbon
ESM 2.9×39×132.5×21.5	2.9	39	132.5	21.5	317.37	145.32	0.7	16.57	Carbon
ESM 2.9×39×135×22.5	2.9	39	135	22.5	327.33	145.32	0.67	16.57	Carbon
ESM 2.9×39×137.5×23.5	2.9	39	137.5	23.5	337.26	145.32	0.64	16.57	Carbon
ESM 2.9×39×140×23.5	2.9	39	140	23.5	347.22	145.32	0.62	16.57	Carbon
ESM 2.9×39×142.5×24.5	2.9	39	142.5	24.5	357.18	145.32	0.6	16.57	Carbon
ESM 2.9×39×145×25.5	2.9	39	145	25.5	367.13	145.32	0.58	16.57	Carbon
ESM 2.9×39×147.5×26.5	2.9	39	147.5	26.5	377.08	145.32	0.56	16.57	Carbon
ESS 2.9×39×100×10.5	2.9	39	100	10.5	185.71	125.58	1.27	16.57	Stainless
ESS 2.9×39×102.5×11.5	2.9	39	102.5	11.5	195.46	125.58	1.17	16.57	Stainless
ESS 2.9×39×105×11.5	2.9	39	105	11.5	205.22	125.58	1.09	16.57	Stainless
ESS 2.9×39×107.5×12.5	2.9	39	107.5	12.5	214.97	125.58	1.01	16.57	Stainless
ESS 2.9×39×110×13.5	2.9	39	110	13.5	224.72	125.58	0.95	16.57	Stainless
ESS 2.9×39×112.5×14.5	2.9	39	112.5	14.5	234.47	125.58	0.89	16.57	Stainless
ESS 2.9×39×115×15.5	2.9	39	115	15.5	244.23	125.58	0.84	16.57	Stainless
ESS 2.9×39×117.5×16.5	2.9	39	117.5	16.5	253.98	125.58	0.8	16.57	Stainless
ESS 2.9×39×120×17.5	2.9	39	120	17.5	263.73	125.58	0.76	16.57	Stainless
ESS 2.9×39×122.5×17.5	2.9	39	122.5	17.5	273.5	125.58	0.72	16.57	Stainless
ESS 2.9×39×125×18.5	2.9	39	125	18.5	283.25	125.58	0.69	16.57	Stainless
ESS 2.9×39×127.5×19.5	2.9	39	127.5	19.5	293.01	125.58	0.66	16.57	Stainless
ESS 2.9×39×130×20.5	2.9	39	130	20.5	302.75	125.58	0.63	16.57	Stainless
ESS 2.9×39×132.5×21.5	2.9	39	132.5	21.5	312.5	125.58	0.61	16.57	Stainless
ESS 2.9×39×135×22.5	2.9	39	135	22.5	322.26	125.58	0.58	16.57	Stainless
ESS 2.9×39×137.5×23.5	2.9	39	137.5	23.5	332.01	125.58	0.56	16.57	Stainless
ESS 2.9×39×140×23.5	2.9	39	140	23.5	341.75	125.58	0.54	16.57	Stainless
ESS 2.9×39×142.5×24.5	2.9	39	142.5	24.5	351.52	125.58	0.52	16.57	Stainless
ESS 2.9×39×145×25.5	2.9	39	145	25.5	361.28	125.58	0.5	16.57	Stainless
ESS 2.9×39×147.5×26.5	2.9	39	147.5	26.5	371.01	125.58	0.49	16.57	Stainless
ESM 3×39×100×9.5	3	39	100	9.5	181.31	160.1	1.73	19.28	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×39×102.5×10.5	3	39	102.5	10.5	190.63	160.1	1.6	19.28	Carbon
ESM 3×39×105×11.5	3	39	105	11.5	199.95	160.1	1.48	19.28	Carbon
ESM 3×39×107.5×12.5	3	39	107.5	12.5	209.27	160.1	1.38	19.28	Carbon
ESM 3×39×110×13.5	3	39	110	13.5	218.59	160.1	1.3	19.28	Carbon
ESM 3×39×112.5×14.5	3	39	112.5	14.5	227.91	160.1	1.22	19.28	Carbon
ESM 3×39×115×14.5	3	39	115	14.5	237.23	160.1	1.15	19.28	Carbon
ESM 3×39×117.5×15.5	3	39	117.5	15.5	246.55	160.1	1.09	19.28	Carbon
ESM 3×39×120×16.5	3	39	120	16.5	255.88	160.1	1.04	19.28	Carbon
ESM 3×39×122.5×17.5	3	39	122.5	17.5	265.19	160.1	0.99	19.28	Carbon
ESM 3×39×125×18.5	3	39	125	18.5	274.52	160.1	0.94	19.28	Carbon
ESM 3×39×127.5×19.5	3	39	127.5	19.5	283.83	160.1	0.9	19.28	Carbon
ESM 3×39×130×19.5	3	39	130	19.5	293.16	160.1	0.86	19.28	Carbon
ESM 3×39×132.5×20.5	3	39	132.5	20.5	302.47	160.1	0.83	19.28	Carbon
ESM 3×39×135×21.5	3	39	135	21.5	311.8	160.1	0.8	19.28	Carbon
ESM 3×39×137.5×22.5	3	39	137.5	22.5	321.12	160.1	0.77	19.28	Carbon
ESM 3×39×140×23.5	3	39	140	23.5	330.45	160.1	0.74	19.28	Carbon
ESM 3×39×142.5×24.5	3	39	142.5	24.5	339.76	160.1	0.71	19.28	Carbon
ESM 3×39×145×24.5	3	39	145	24.5	349.09	160.1	0.69	19.28	Carbon
ESM 3×39×147.5×25.5	3	39	147.5	25.5	358.4	160.1	0.67	19.28	Carbon
ESS 3×39×100×9.5	3	39	100	9.5	178.95	138.19	1.51	19.28	Stainless
ESS 3×39×102.5×10.5	3	39	102.5	10.5	188.07	138.19	1.39	19.28	Stainless
ESS 3×39×105×11.5	3	39	105	11.5	197.2	138.19	1.29	19.28	Stainless
ESS 3×39×107.5×12.5	3	39	107.5	12.5	206.32	138.19	1.2	19.28	Stainless
ESS 3×39×110×13.5	3	39	110	13.5	215.44	138.19	1.13	19.28	Stainless
ESS 3×39×112.5×14.5	3	39	112.5	14.5	224.57	138.19	1.06	19.28	Stainless
ESS 3×39×115×14.5	3	39	115	14.5	233.69	138.19	1	19.28	Stainless
ESS 3×39×117.5×15.5	3	39	117.5	15.5	242.81	138.19	0.95	19.28	Stainless
ESS 3×39×120×16.5	3	39	120	16.5	251.94	138.19	0.9	19.28	Stainless
ESS 3×39×122.5×17.5	3	39	122.5	17.5	261.07	138.19	0.86	19.28	Stainless
ESS 3×39×125×18.5	3	39	125	18.5	270.18	138.19	0.82	19.28	Stainless
ESS 3×39×127.5×19.5	3	39	127.5	19.5	279.3	138.19	0.78	19.28	Stainless
ESS 3×39×130×19.5	3	39	130	19.5	288.44	138.19	0.75	19.28	Stainless
ESS 3×39×132.5×20.5	3	39	132.5	20.5	297.56	138.19	0.72	19.28	Stainless
ESS 3×39×135×21.5	3	39	135	21.5	306.68	138.19	0.69	19.28	Stainless
ESS 3×39×137.5×22.5	3	39	137.5	22.5	315.8	138.19	0.67	19.28	Stainless

M: Carbon Steel;
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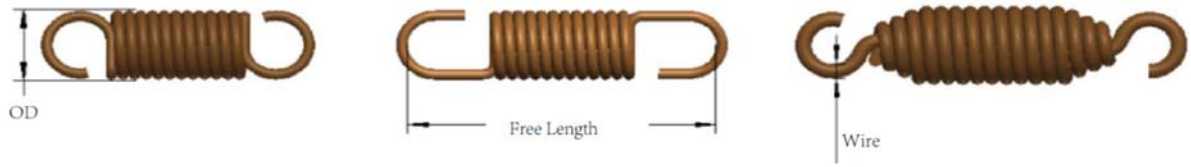
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3×39×140×23.5	3	39	140	23.5	324.92	138.19	0.64	19.28	Stainless
ESS 3×39×142.5×24.5	3	39	142.5	24.5	334.04	138.19	0.62	19.28	Stainless
ESS 3×39×145×24.5	3	39	145	24.5	343.18	138.19	0.6	19.28	Stainless
ESS 3×39×147.5×25.5	3	39	147.5	25.5	352.3	138.19	0.58	19.28	Stainless
ESM 3.5×39×105×10.5	3.5	39	105	10.5	169.64	246.06	3.22	37.74	Carbon
ESM 3.5×39×107.5×11.5	3.5	39	107.5	11.5	176.62	246.06	3.01	37.74	Carbon
ESM 3.5×39×110×11.5	3.5	39	110	11.5	183.6	246.06	2.83	37.74	Carbon
ESM 3.5×39×112.5×12.5	3.5	39	112.5	12.5	190.57	246.06	2.67	37.74	Carbon
ESM 3.5×39×115×13.5	3.5	39	115	13.5	197.55	246.06	2.52	37.74	Carbon
ESM 3.5×39×117.5×13.5	3.5	39	117.5	13.5	204.52	246.06	2.39	37.74	Carbon
ESM 3.5×39×120×14.5	3.5	39	120	14.5	211.5	246.06	2.28	37.74	Carbon
ESM 3.5×39×122.5×15.5	3.5	39	122.5	15.5	218.48	246.06	2.17	37.74	Carbon
ESM 3.5×39×125×16.5	3.5	39	125	16.5	225.46	246.06	2.07	37.74	Carbon
ESM 3.5×39×127.5×16.5	3.5	39	127.5	16.5	232.43	246.06	1.99	37.74	Carbon
ESM 3.5×39×130×17.5	3.5	39	130	17.5	239.41	246.06	1.9	37.74	Carbon
ESM 3.5×39×132.5×18.5	3.5	39	132.5	18.5	246.39	246.06	1.83	37.74	Carbon
ESM 3.5×39×135×18.5	3.5	39	135	18.5	253.36	246.06	1.76	37.74	Carbon
ESM 3.5×39×137.5×19.5	3.5	39	137.5	19.5	260.34	246.06	1.7	37.74	Carbon
ESM 3.5×39×140×20.5	3.5	39	140	20.5	267.32	246.06	1.64	37.74	Carbon
ESM 3.5×39×142.5×21.5	3.5	39	142.5	21.5	274.29	246.06	1.58	37.74	Carbon
ESM 3.5×39×145×21.5	3.5	39	145	21.5	281.27	246.06	1.53	37.74	Carbon
ESM 3.5×39×147.5×22.5	3.5	39	147.5	22.5	288.25	246.06	1.48	37.74	Carbon
ESM 3.5×39×150×23.5	3.5	39	150	23.5	295.22	246.06	1.43	37.74	Carbon
ESM 3.5×39×152.5×23.5	3.5	39	152.5	23.5	302.2	246.06	1.39	37.74	Carbon
ESS 3.5×39×105×10.5	3.5	39	105	10.5	163.25	200.96	2.8	37.74	Stainless
ESS 3.5×39×107.5×11.5	3.5	39	107.5	11.5	169.78	200.96	2.62	37.74	Stainless
ESS 3.5×39×110×11.5	3.5	39	110	11.5	176.31	200.96	2.46	37.74	Stainless
ESS 3.5×39×112.5×12.5	3.5	39	112.5	12.5	182.85	200.96	2.32	37.74	Stainless
ESS 3.5×39×115×13.5	3.5	39	115	13.5	189.38	200.96	2.19	37.74	Stainless
ESS 3.5×39×117.5×13.5	3.5	39	117.5	13.5	195.92	200.96	2.08	37.74	Stainless
ESS 3.5×39×120×14.5	3.5	39	120	14.5	202.45	200.96	1.98	37.74	Stainless
ESS 3.5×39×122.5×15.5	3.5	39	122.5	15.5	208.98	200.96	1.89	37.74	Stainless
ESS 3.5×39×125×16.5	3.5	39	125	16.5	215.52	200.96	1.8	37.74	Stainless
ESS 3.5×39×127.5×16.5	3.5	39	127.5	16.5	222.05	200.96	1.73	37.74	Stainless
ESS 3.5×39×130×17.5	3.5	39	130	17.5	228.58	200.96	1.66	37.74	Stainless

M: Carbon Steel;
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Max Length - Max Load







SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3.5×39×132.5×18.5	3.5	39	132.5	18.5	235.12	200.96	1.59	37.74	Stainless
ESS 3.5×39×135×18.5	3.5	39	135	18.5	241.66	200.96	1.53	37.74	Stainless
ESS 3.5×39×137.5×19.5	3.5	39	137.5	19.5	248.18	200.96	1.47	37.74	Stainless
ESS 3.5×39×140×20.5	3.5	39	140	20.5	254.72	200.96	1.42	37.74	Stainless
ESS 3.5×39×142.5×21.5	3.5	39	142.5	21.5	261.25	200.96	1.37	37.74	Stainless
ESS 3.5×39×145×21.5	3.5	39	145	21.5	267.79	200.96	1.33	37.74	Stainless
ESS 3.5×39×147.5×22.5	3.5	39	147.5	22.5	274.33	200.96	1.29	37.74	Stainless
ESS 3.5×39×150×23.5	3.5	39	150	23.5	280.85	200.96	1.25	37.74	Stainless
ESS 3.5×39×152.5×23.5	3.5	39	152.5	23.5	287.39	200.96	1.21	37.74	Stainless
ESM 4×39×105×9.5	4	39	105	9.5	152.71	368.09	6.33	66.13	Carbon
ESM 4×39×107.5×9.5	4	39	107.5	9.5	158.4	368.09	5.93	66.13	Carbon
ESM 4×39×110×10.5	4	39	110	10.5	164.09	368.09	5.58	66.13	Carbon
ESM 4×39×112.5×11.5	4	39	112.5	11.5	169.78	368.09	5.27	66.13	Carbon
ESM 4×39×115×11.5	4	39	115	11.5	175.47	368.09	4.99	66.13	Carbon
ESM 4×39×117.5×12.5	4	39	117.5	12.5	181.16	368.09	4.74	66.13	Carbon
ESM 4×39×120×13.5	4	39	120	13.5	186.85	368.09	4.52	66.13	Carbon
ESM 4×39×122.5×13.5	4	39	122.5	13.5	192.54	368.09	4.31	66.13	Carbon
ESM 4×39×125×14.5	4	39	125	14.5	198.23	368.09	4.12	66.13	Carbon
ESM 4×39×127.5×14.5	4	39	127.5	14.5	203.92	368.09	3.95	66.13	Carbon
ESM 4×39×130×15.5	4	39	130	15.5	209.61	368.09	3.79	66.13	Carbon
ESM 4×39×132.5×16.5	4	39	132.5	16.5	215.3	368.09	3.65	66.13	Carbon
ESM 4×39×135×16.5	4	39	135	16.5	220.99	368.09	3.51	66.13	Carbon
ESM 4×39×137.5×17.5	4	39	137.5	17.5	226.68	368.09	3.39	66.13	Carbon
ESM 4×39×140×18.5	4	39	140	18.5	232.37	368.09	3.27	66.13	Carbon
ESM 4×39×142.5×18.5	4	39	142.5	18.5	238.06	368.09	3.16	66.13	Carbon
ESM 4×39×145×19.5	4	39	145	19.5	243.75	368.09	3.06	66.13	Carbon
ESM 4×39×147.5×19.5	4	39	147.5	19.5	249.44	368.09	2.96	66.13	Carbon
ESM 4×39×150×20.5	4	39	150	20.5	255.13	368.09	2.87	66.13	Carbon
ESM 4×39×152.5×21.5	4	39	152.5	21.5	260.82	368.09	2.79	66.13	Carbon
ESS 4×39×105×9.5	4	39	105	9.5	146.93	296.84	5.5	66.13	Stainless
ESS 4×39×107.5×9.5	4	39	107.5	9.5	152.23	296.84	5.16	66.13	Stainless
ESS 4×39×110×10.5	4	39	110	10.5	157.53	296.84	4.85	66.13	Stainless
ESS 4×39×112.5×11.5	4	39	112.5	11.5	162.83	296.84	4.58	66.13	Stainless
ESS 4×39×115×11.5	4	39	115	11.5	168.14	296.84	4.34	66.13	Stainless
ESS 4×39×117.5×12.5	4	39	117.5	12.5	173.44	296.84	4.12	66.13	Stainless

M: Carbon Steel;
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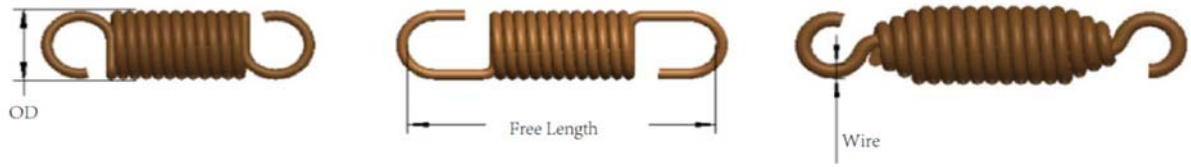
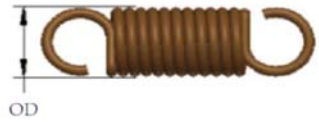
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×39×120×13.5	4	39	120	13.5	178.74	296.84	3.93	66.13	Stainless
ESS 4×39×122.5×13.5	4	39	122.5	13.5	184.04	296.84	3.75	66.13	Stainless
ESS 4×39×125×14.5	4	39	125	14.5	189.35	296.84	3.59	66.13	Stainless
ESS 4×39×127.5×14.5	4	39	127.5	14.5	194.65	296.84	3.44	66.13	Stainless
ESS 4×39×130×15.5	4	39	130	15.5	199.95	296.84	3.3	66.13	Stainless
ESS 4×39×132.5×16.5	4	39	132.5	16.5	205.25	296.84	3.17	66.13	Stainless
ESS 4×39×135×16.5	4	39	135	16.5	210.56	296.84	3.05	66.13	Stainless
ESS 4×39×137.5×17.5	4	39	137.5	17.5	215.86	296.84	2.94	66.13	Stainless
ESS 4×39×140×18.5	4	39	140	18.5	221.16	296.84	2.84	66.13	Stainless
ESS 4×39×142.5×18.5	4	39	142.5	18.5	226.46	296.84	2.75	66.13	Stainless
ESS 4×39×145×19.5	4	39	145	19.5	231.77	296.84	2.66	66.13	Stainless
ESS 4×39×147.5×19.5	4	39	147.5	19.5	237.07	296.84	2.58	66.13	Stainless
ESS 4×39×150×20.5	4	39	150	20.5	242.37	296.84	2.5	66.13	Stainless
ESS 4×39×152.5×21.5	4	39	152.5	21.5	247.67	296.84	2.42	66.13	Stainless
ESM 2.7×40×105×11.5	2.7	40	105	11.5	227.04	115.65	0.86	11.21	Carbon
ESM 2.7×40×107.5×12.5	2.7	40	107.5	12.5	239.08	115.65	0.79	11.21	Carbon
ESM 2.7×40×110×13.5	2.7	40	110	13.5	251.11	115.65	0.74	11.21	Carbon
ESM 2.7×40×112.5×14.5	2.7	40	112.5	14.5	263.13	115.65	0.69	11.21	Carbon
ESM 2.7×40×115×15.5	2.7	40	115	15.5	275.15	115.65	0.65	11.21	Carbon
ESM 2.7×40×117.5×16.5	2.7	40	117.5	16.5	287.17	115.65	0.62	11.21	Carbon
ESM 2.7×40×120×17.5	2.7	40	120	17.5	299.22	115.65	0.58	11.21	Carbon
ESM 2.7×40×122.5×18.5	2.7	40	122.5	18.5	311.25	115.65	0.55	11.21	Carbon
ESM 2.7×40×125×19.5	2.7	40	125	19.5	323.28	115.65	0.53	11.21	Carbon
ESM 2.7×40×127.5×20.5	2.7	40	127.5	20.5	335.29	115.65	0.5	11.21	Carbon
ESM 2.7×40×130×21.5	2.7	40	130	21.5	347.34	115.65	0.48	11.21	Carbon
ESM 2.7×40×132.5×22.5	2.7	40	132.5	22.5	359.33	115.65	0.46	11.21	Carbon
ESM 2.7×40×135×22.5	2.7	40	135	22.5	371.38	115.65	0.44	11.21	Carbon
ESM 2.7×40×137.5×23.5	2.7	40	137.5	23.5	383.4	115.65	0.42	11.21	Carbon
ESM 2.7×40×140×24.5	2.7	40	140	24.5	395.46	115.65	0.41	11.21	Carbon
ESM 2.7×40×142.5×25.5	2.7	40	142.5	25.5	407.49	115.65	0.39	11.21	Carbon
ESM 2.7×40×145×26.5	2.7	40	145	26.5	419.46	115.65	0.38	11.21	Carbon
ESM 2.7×40×147.5×27.5	2.7	40	147.5	27.5	431.52	115.65	0.37	11.21	Carbon
ESM 2.7×40×150×28.5	2.7	40	150	28.5	443.52	115.65	0.36	11.21	Carbon
ESM 2.7×40×152.5×29.5	2.7	40	152.5	29.5	455.56	115.65	0.34	11.21	Carbon
ESS 2.7×40×105×11.5	2.7	40	105	11.5	224.05	99.8	0.74	11.21	Stainless

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load

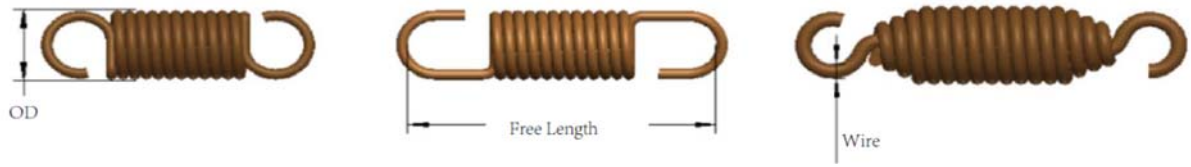






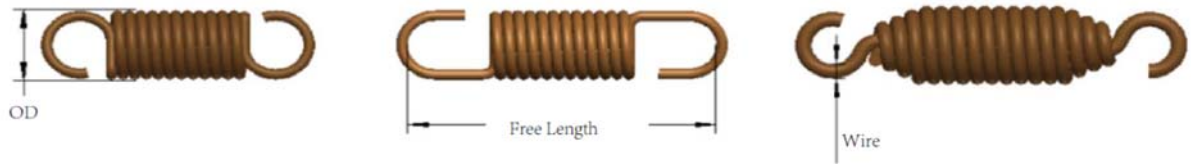
SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 2.7×40×107.5×12.5	2.7	40	107.5	12.5	235.85	99.8	0.69	11.21	Stainless
ESS 2.7×40×110×13.5	2.7	40	110	13.5	247.64	99.8	0.64	11.21	Stainless
ESS 2.7×40×112.5×14.5	2.7	40	112.5	14.5	259.43	99.8	0.6	11.21	Stainless
ESS 2.7×40×115×15.5	2.7	40	115	15.5	271.24	99.8	0.57	11.21	Stainless
ESS 2.7×40×117.5×16.5	2.7	40	117.5	16.5	283.02	99.8	0.54	11.21	Stainless
ESS 2.7×40×120×17.5	2.7	40	120	17.5	294.83	99.8	0.51	11.21	Stainless
ESS 2.7×40×122.5×18.5	2.7	40	122.5	18.5	306.63	99.8	0.48	11.21	Stainless
ESS 2.7×40×125×19.5	2.7	40	125	19.5	318.42	99.8	0.46	11.21	Stainless
ESS 2.7×40×127.5×20.5	2.7	40	127.5	20.5	330.21	99.8	0.44	11.21	Stainless
ESS 2.7×40×130×21.5	2.7	40	130	21.5	341.98	99.8	0.42	11.21	Stainless
ESS 2.7×40×132.5×22.5	2.7	40	132.5	22.5	353.8	99.8	0.4	11.21	Stainless
ESS 2.7×40×135×22.5	2.7	40	135	22.5	365.57	99.8	0.38	11.21	Stainless
ESS 2.7×40×137.5×23.5	2.7	40	137.5	23.5	377.37	99.8	0.37	11.21	Stainless
ESS 2.7×40×140×24.5	2.7	40	140	24.5	389.19	99.8	0.36	11.21	Stainless
ESS 2.7×40×142.5×25.5	2.7	40	142.5	25.5	400.99	99.8	0.34	11.21	Stainless
ESS 2.7×40×145×26.5	2.7	40	145	26.5	412.79	99.8	0.33	11.21	Stainless
ESS 2.7×40×147.5×27.5	2.7	40	147.5	27.5	424.59	99.8	0.32	11.21	Stainless
ESS 2.7×40×150×28.5	2.7	40	150	28.5	436.31	99.8	0.31	11.21	Stainless
ESS 2.7×40×152.5×29.5	2.7	40	152.5	29.5	448.18	99.8	0.3	11.21	Stainless
ESM 2.8×40×105×11.5	2.8	40	105	11.5	217.16	128.37	1.03	13.26	Carbon
ESM 2.8×40×107.5×12.5	2.8	40	107.5	12.5	228.34	128.37	0.95	13.26	Carbon
ESM 2.8×40×110×13.5	2.8	40	110	13.5	239.53	128.37	0.89	13.26	Carbon
ESM 2.8×40×112.5×14.5	2.8	40	112.5	14.5	250.72	128.37	0.83	13.26	Carbon
ESM 2.8×40×115×15.5	2.8	40	115	15.5	261.9	128.37	0.78	13.26	Carbon
ESM 2.8×40×117.5×15.5	2.8	40	117.5	15.5	273.1	128.37	0.74	13.26	Carbon
ESM 2.8×40×120×16.5	2.8	40	120	16.5	284.28	128.37	0.7	13.26	Carbon
ESM 2.8×40×122.5×17.5	2.8	40	122.5	17.5	295.47	128.37	0.67	13.26	Carbon
ESM 2.8×40×125×18.5	2.8	40	125	18.5	306.65	128.37	0.63	13.26	Carbon
ESM 2.8×40×127.5×19.5	2.8	40	127.5	19.5	317.83	128.37	0.6	13.26	Carbon
ESM 2.8×40×130×20.5	2.8	40	130	20.5	329.02	128.37	0.58	13.26	Carbon
ESM 2.8×40×132.5×21.5	2.8	40	132.5	21.5	340.21	128.37	0.55	13.26	Carbon
ESM 2.8×40×135×22.5	2.8	40	135	22.5	351.37	128.37	0.53	13.26	Carbon
ESM 2.8×40×137.5×23.5	2.8	40	137.5	23.5	362.59	128.37	0.51	13.26	Carbon
ESM 2.8×40×140×24.5	2.8	40	140	24.5	373.77	128.37	0.49	13.26	Carbon
ESM 2.8×40×142.5×24.5	2.8	40	142.5	24.5	384.94	128.37	0.47	13.26	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.8×40×145×25.5	2.8	40	145	25.5	396.11	128.37	0.46	13.26	Carbon
ESM 2.8×40×147.5×26.5	2.8	40	147.5	26.5	407.34	128.37	0.44	13.26	Carbon
ESM 2.8×40×150×27.5	2.8	40	150	27.5	418.51	128.37	0.43	13.26	Carbon
ESM 2.8×40×152.5×28.5	2.8	40	152.5	28.5	429.67	128.37	0.42	13.26	Carbon
ESS 2.8×40×105×11.5	2.8	40	105	11.5	214.12	110.64	0.89	13.26	Stainless
ESS 2.8×40×107.5×12.5	2.8	40	107.5	12.5	225.08	110.64	0.83	13.26	Stainless
ESS 2.8×40×110×13.5	2.8	40	110	13.5	236.02	110.64	0.77	13.26	Stainless
ESS 2.8×40×112.5×14.5	2.8	40	112.5	14.5	246.98	110.64	0.72	13.26	Stainless
ESS 2.8×40×115×15.5	2.8	40	115	15.5	257.92	110.64	0.68	13.26	Stainless
ESS 2.8×40×117.5×15.5	2.8	40	117.5	15.5	268.89	110.64	0.64	13.26	Stainless
ESS 2.8×40×120×16.5	2.8	40	120	16.5	279.84	110.64	0.61	13.26	Stainless
ESS 2.8×40×122.5×17.5	2.8	40	122.5	17.5	290.79	110.64	0.58	13.26	Stainless
ESS 2.8×40×125×18.5	2.8	40	125	18.5	301.75	110.64	0.55	13.26	Stainless
ESS 2.8×40×127.5×19.5	2.8	40	127.5	19.5	312.68	110.64	0.53	13.26	Stainless
ESS 2.8×40×130×20.5	2.8	40	130	20.5	323.65	110.64	0.5	13.26	Stainless
ESS 2.8×40×132.5×21.5	2.8	40	132.5	21.5	334.59	110.64	0.48	13.26	Stainless
ESS 2.8×40×135×22.5	2.8	40	135	22.5	345.52	110.64	0.46	13.26	Stainless
ESS 2.8×40×137.5×23.5	2.8	40	137.5	23.5	356.5	110.64	0.44	13.26	Stainless
ESS 2.8×40×140×24.5	2.8	40	140	24.5	367.44	110.64	0.43	13.26	Stainless
ESS 2.8×40×142.5×24.5	2.8	40	142.5	24.5	378.36	110.64	0.41	13.26	Stainless
ESS 2.8×40×145×25.5	2.8	40	145	25.5	389.33	110.64	0.4	13.26	Stainless
ESS 2.8×40×147.5×26.5	2.8	40	147.5	26.5	400.32	110.64	0.39	13.26	Stainless
ESS 2.8×40×150×27.5	2.8	40	150	27.5	411.23	110.64	0.37	13.26	Stainless
ESS 2.8×40×152.5×28.5	2.8	40	152.5	28.5	422.2	110.64	0.36	13.26	Stainless
ESM 2.9×40×105×11.5	2.9	40	105	11.5	207.89	141.4	1.22	15.55	Carbon
ESM 2.9×40×107.5×12.5	2.9	40	107.5	12.5	218.28	141.4	1.14	15.55	Carbon
ESM 2.9×40×110×12.5	2.9	40	110	12.5	228.69	141.4	1.06	15.55	Carbon
ESM 2.9×40×112.5×13.5	2.9	40	112.5	13.5	239.1	141.4	0.99	15.55	Carbon
ESM 2.9×40×115×14.5	2.9	40	115	14.5	249.5	141.4	0.94	15.55	Carbon
ESM 2.9×40×117.5×15.5	2.9	40	117.5	15.5	259.9	141.4	0.88	15.55	Carbon
ESM 2.9×40×120×16.5	2.9	40	120	16.5	270.3	141.4	0.84	15.55	Carbon
ESM 2.9×40×122.5×17.5	2.9	40	122.5	17.5	280.72	141.4	0.8	15.55	Carbon
ESM 2.9×40×125×18.5	2.9	40	125	18.5	291.12	141.4	0.76	15.55	Carbon
ESM 2.9×40×127.5×18.5	2.9	40	127.5	18.5	301.52	141.4	0.72	15.55	Carbon
ESM 2.9×40×130×19.5	2.9	40	130	19.5	311.92	141.4	0.69	15.55	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 2.9×40×132.5×20.5	2.9	40	132.5	20.5	322.32	141.4	0.66	15.55	Carbon
ESM 2.9×40×135×21.5	2.9	40	135	21.5	332.72	141.4	0.64	15.55	Carbon
ESM 2.9×40×137.5×22.5	2.9	40	137.5	22.5	343.14	141.4	0.61	15.55	Carbon
ESM 2.9×40×140×23.5	2.9	40	140	23.5	353.56	141.4	0.59	15.55	Carbon
ESM 2.9×40×142.5×24.5	2.9	40	142.5	24.5	363.95	141.4	0.57	15.55	Carbon
ESM 2.9×40×145×25.5	2.9	40	145	25.5	374.36	141.4	0.55	15.55	Carbon
ESM 2.9×40×147.5×25.5	2.9	40	147.5	25.5	384.77	141.4	0.53	15.55	Carbon
ESM 2.9×40×150×26.5	2.9	40	150	26.5	395.18	141.4	0.51	15.55	Carbon
ESM 2.9×40×152.5×27.5	2.9	40	152.5	27.5	405.57	141.4	0.5	15.55	Carbon
ESS 2.9×40×105×11.5	2.9	40	105	11.5	205.25	122.19	1.06	15.55	Stainless
ESS 2.9×40×107.5×12.5	2.9	40	107.5	12.5	215.46	122.19	0.99	15.55	Stainless
ESS 2.9×40×110×12.5	2.9	40	110	12.5	225.66	122.19	0.92	15.55	Stainless
ESS 2.9×40×112.5×13.5	2.9	40	112.5	13.5	235.87	122.19	0.86	15.55	Stainless
ESS 2.9×40×115×14.5	2.9	40	115	14.5	246.07	122.19	0.81	15.55	Stainless
ESS 2.9×40×117.5×15.5	2.9	40	117.5	15.5	256.26	122.19	0.77	15.55	Stainless
ESS 2.9×40×120×16.5	2.9	40	120	16.5	266.46	122.19	0.73	15.55	Stainless
ESS 2.9×40×122.5×17.5	2.9	40	122.5	17.5	276.67	122.19	0.69	15.55	Stainless
ESS 2.9×40×125×18.5	2.9	40	125	18.5	286.87	122.19	0.66	15.55	Stainless
ESS 2.9×40×127.5×18.5	2.9	40	127.5	18.5	297.07	122.19	0.63	15.55	Stainless
ESS 2.9×40×130×19.5	2.9	40	130	19.5	307.29	122.19	0.6	15.55	Stainless
ESS 2.9×40×132.5×20.5	2.9	40	132.5	20.5	317.48	122.19	0.58	15.55	Stainless
ESS 2.9×40×135×21.5	2.9	40	135	21.5	327.7	122.19	0.55	15.55	Stainless
ESS 2.9×40×137.5×22.5	2.9	40	137.5	22.5	337.88	122.19	0.53	15.55	Stainless
ESS 2.9×40×140×23.5	2.9	40	140	23.5	348.08	122.19	0.51	15.55	Stainless
ESS 2.9×40×142.5×24.5	2.9	40	142.5	24.5	358.28	122.19	0.49	15.55	Stainless
ESS 2.9×40×145×25.5	2.9	40	145	25.5	368.52	122.19	0.48	15.55	Stainless
ESS 2.9×40×147.5×25.5	2.9	40	147.5	25.5	378.67	122.19	0.46	15.55	Stainless
ESS 2.9×40×150×26.5	2.9	40	150	26.5	388.89	122.19	0.45	15.55	Stainless
ESS 2.9×40×152.5×27.5	2.9	40	152.5	27.5	399.12	122.19	0.43	15.55	Stainless
ESM 3×40×105×10.5	3	40	105	10.5	199.98	155.78	1.45	18.12	Carbon
ESM 3×40×107.5×11.5	3	40	107.5	11.5	209.72	155.78	1.35	18.12	Carbon
ESM 3×40×110×12.5	3	40	110	12.5	219.45	155.78	1.26	18.12	Carbon
ESM 3×40×112.5×13.5	3	40	112.5	13.5	229.19	155.78	1.18	18.12	Carbon
ESM 3×40×115×14.5	3	40	115	14.5	238.93	155.78	1.11	18.12	Carbon
ESM 3×40×117.5×15.5	3	40	117.5	15.5	248.67	155.78	1.05	18.12	Carbon

M: Carbon Steel;
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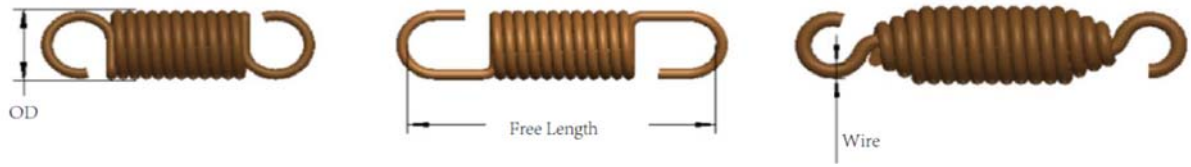
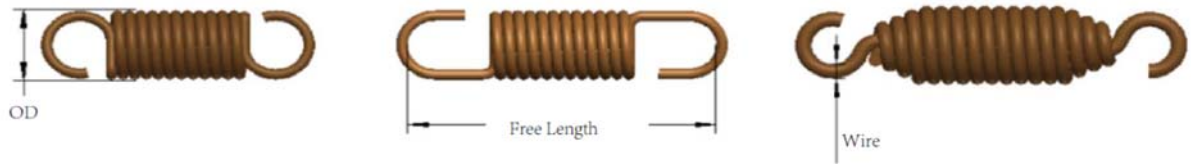
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3×40×120×15.5	3	40	120	15.5	258.41	155.78	0.99	18.12	Carbon
ESM 3×40×122.5×16.5	3	40	122.5	16.5	268.16	155.78	0.95	18.12	Carbon
ESM 3×40×125×17.5	3	40	125	17.5	277.89	155.78	0.9	18.12	Carbon
ESM 3×40×127.5×18.5	3	40	127.5	18.5	287.63	155.78	0.86	18.12	Carbon
ESM 3×40×130×19.5	3	40	130	19.5	297.37	155.78	0.82	18.12	Carbon
ESM 3×40×132.5×20.5	3	40	132.5	20.5	307.11	155.78	0.79	18.12	Carbon
ESM 3×40×135×20.5	3	40	135	20.5	316.85	155.78	0.76	18.12	Carbon
ESM 3×40×137.5×21.5	3	40	137.5	21.5	326.59	155.78	0.73	18.12	Carbon
ESM 3×40×140×22.5	3	40	140	22.5	336.32	155.78	0.7	18.12	Carbon
ESM 3×40×142.5×23.5	3	40	142.5	23.5	346.08	155.78	0.68	18.12	Carbon
ESM 3×40×145×24.5	3	40	145	24.5	355.81	155.78	0.65	18.12	Carbon
ESM 3×40×147.5×25.5	3	40	147.5	25.5	365.56	155.78	0.63	18.12	Carbon
ESM 3×40×150×25.5	3	40	150	25.5	375.27	155.78	0.61	18.12	Carbon
ESM 3×40×152.5×26.5	3	40	152.5	26.5	385.04	155.78	0.59	18.12	Carbon
ESS 3×40×105×10.5	3	40	105	10.5	197.31	134.45	1.26	18.12	Stainless
ESS 3×40×107.5×11.5	3	40	107.5	11.5	206.84	134.45	1.17	18.12	Stainless
ESS 3×40×110×12.5	3	40	110	12.5	216.38	134.45	1.09	18.12	Stainless
ESS 3×40×112.5×13.5	3	40	112.5	13.5	225.91	134.45	1.03	18.12	Stainless
ESS 3×40×115×14.5	3	40	115	14.5	235.45	134.45	0.97	18.12	Stainless
ESS 3×40×117.5×15.5	3	40	117.5	15.5	244.98	134.45	0.91	18.12	Stainless
ESS 3×40×120×15.5	3	40	120	15.5	254.53	134.45	0.86	18.12	Stainless
ESS 3×40×122.5×16.5	3	40	122.5	16.5	264.05	134.45	0.82	18.12	Stainless
ESS 3×40×125×17.5	3	40	125	17.5	273.6	134.45	0.78	18.12	Stainless
ESS 3×40×127.5×18.5	3	40	127.5	18.5	283.14	134.45	0.75	18.12	Stainless
ESS 3×40×130×19.5	3	40	130	19.5	292.66	134.45	0.72	18.12	Stainless
ESS 3×40×132.5×20.5	3	40	132.5	20.5	302.19	134.45	0.69	18.12	Stainless
ESS 3×40×135×20.5	3	40	135	20.5	311.72	134.45	0.66	18.12	Stainless
ESS 3×40×137.5×21.5	3	40	137.5	21.5	321.26	134.45	0.63	18.12	Stainless
ESS 3×40×140×22.5	3	40	140	22.5	330.81	134.45	0.61	18.12	Stainless
ESS 3×40×142.5×23.5	3	40	142.5	23.5	340.35	134.45	0.59	18.12	Stainless
ESS 3×40×145×24.5	3	40	145	24.5	349.89	134.45	0.57	18.12	Stainless
ESS 3×40×147.5×25.5	3	40	147.5	25.5	359.41	134.45	0.55	18.12	Stainless
ESS 3×40×150×25.5	3	40	150	25.5	368.93	134.45	0.53	18.12	Stainless
ESS 3×40×152.5×26.5	3	40	152.5	26.5	378.49	134.45	0.51	18.12	Stainless
ESM 3.5×40×110×11.5	3.5	40	110	11.5	184.41	239.32	2.74	35.62	Carbon

M: Carbon Steel;
S: Stainless Steel
OD:Outer Diameter
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESM 3.5×40×112.5×11.5	3.5	40	112.5	11.5	191.67	239.32	2.57	35.62	Carbon
ESM 3.5×40×115×12.5	3.5	40	115	12.5	198.93	239.32	2.43	35.62	Carbon
ESM 3.5×40×117.5×13.5	3.5	40	117.5	13.5	206.18	239.32	2.3	35.62	Carbon
ESM 3.5×40×120×14.5	3.5	40	120	14.5	213.44	239.32	2.18	35.62	Carbon
ESM 3.5×40×122.5×14.5	3.5	40	122.5	14.5	220.7	239.32	2.07	35.62	Carbon
ESM 3.5×40×125×15.5	3.5	40	125	15.5	227.96	239.32	1.98	35.62	Carbon
ESM 3.5×40×127.5×16.5	3.5	40	127.5	16.5	235.21	239.32	1.89	35.62	Carbon
ESM 3.5×40×130×16.5	3.5	40	130	16.5	242.47	239.32	1.81	35.62	Carbon
ESM 3.5×40×132.5×17.5	3.5	40	132.5	17.5	249.73	239.32	1.74	35.62	Carbon
ESM 3.5×40×135×18.5	3.5	40	135	18.5	256.99	239.32	1.67	35.62	Carbon
ESM 3.5×40×137.5×19.5	3.5	40	137.5	19.5	264.25	239.32	1.61	35.62	Carbon
ESM 3.5×40×140×19.5	3.5	40	140	19.5	271.5	239.32	1.55	35.62	Carbon
ESM 3.5×40×142.5×20.5	3.5	40	142.5	20.5	278.76	239.32	1.49	35.62	Carbon
ESM 3.5×40×145×21.5	3.5	40	145	21.5	286.02	239.32	1.44	35.62	Carbon
ESM 3.5×40×147.5×21.5	3.5	40	147.5	21.5	293.28	239.32	1.4	35.62	Carbon
ESM 3.5×40×150×22.5	3.5	40	150	22.5	300.54	239.32	1.35	35.62	Carbon
ESM 3.5×40×152.5×23.5	3.5	40	152.5	23.5	307.79	239.32	1.31	35.62	Carbon
ESM 3.5×40×155×24.5	3.5	40	155	24.5	315.05	239.32	1.27	35.62	Carbon
ESM 3.5×40×157.5×24.5	3.5	40	157.5	24.5	322.3	239.32	1.24	35.62	Carbon
ESS 3.5×40×110×11.5	3.5	40	110	11.5	177.15	195.46	2.38	35.62	Stainless
ESS 3.5×40×112.5×11.5	3.5	40	112.5	11.5	183.94	195.46	2.24	35.62	Stainless
ESS 3.5×40×115×12.5	3.5	40	115	12.5	190.73	195.46	2.11	35.62	Stainless
ESS 3.5×40×117.5×13.5	3.5	40	117.5	13.5	197.53	195.46	2	35.62	Stainless
ESS 3.5×40×120×14.5	3.5	40	120	14.5	204.32	195.46	1.9	35.62	Stainless
ESS 3.5×40×122.5×14.5	3.5	40	122.5	14.5	211.12	195.46	1.8	35.62	Stainless
ESS 3.5×40×125×15.5	3.5	40	125	15.5	217.91	195.46	1.72	35.62	Stainless
ESS 3.5×40×127.5×16.5	3.5	40	127.5	16.5	224.7	195.46	1.64	35.62	Stainless
ESS 3.5×40×130×16.5	3.5	40	130	16.5	231.5	195.46	1.57	35.62	Stainless
ESS 3.5×40×132.5×17.5	3.5	40	132.5	17.5	238.29	195.46	1.51	35.62	Stainless
ESS 3.5×40×135×18.5	3.5	40	135	18.5	245.08	195.46	1.45	35.62	Stainless
ESS 3.5×40×137.5×19.5	3.5	40	137.5	19.5	251.87	195.46	1.4	35.62	Stainless
ESS 3.5×40×140×19.5	3.5	40	140	19.5	258.67	195.46	1.35	35.62	Stainless
ESS 3.5×40×142.5×20.5	3.5	40	142.5	20.5	265.46	195.46	1.3	35.62	Stainless
ESS 3.5×40×145×21.5	3.5	40	145	21.5	272.26	195.46	1.26	35.62	Stainless
ESS 3.5×40×147.5×21.5	3.5	40	147.5	21.5	279.04	195.46	1.22	35.62	Stainless

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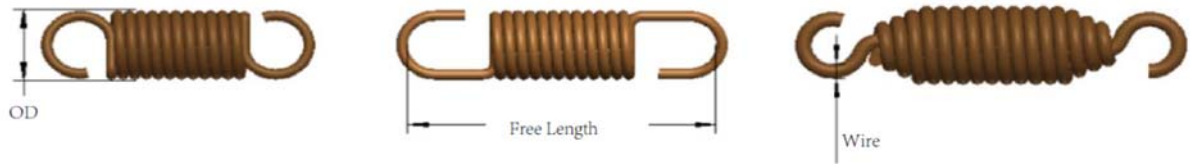
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 3.5×40×150×22.5	3.5	40	150	22.5	285.84	195.46	1.18	35.62	Stainless
ESS 3.5×40×152.5×23.5	3.5	40	152.5	23.5	292.63	195.46	1.14	35.62	Stainless
ESS 3.5×40×155×24.5	3.5	40	155	24.5	299.43	195.46	1.11	35.62	Stainless
ESS 3.5×40×157.5×24.5	3.5	40	157.5	24.5	306.23	195.46	1.07	35.62	Stainless
ESM 4×40×110×10.5	4	40	110	10.5	164.84	357.86	5.38	62.63	Carbon
ESM 4×40×112.5×10.5	4	40	112.5	10.5	170.73	357.86	5.07	62.63	Carbon
ESM 4×40×115×11.5	4	40	115	11.5	176.63	357.86	4.79	62.63	Carbon
ESM 4×40×117.5×11.5	4	40	117.5	11.5	182.52	357.86	4.54	62.63	Carbon
ESM 4×40×120×12.5	4	40	120	12.5	188.41	357.86	4.32	62.63	Carbon
ESM 4×40×122.5×13.5	4	40	122.5	13.5	194.31	357.86	4.11	62.63	Carbon
ESM 4×40×125×13.5	4	40	125	13.5	200.2	357.86	3.93	62.63	Carbon
ESM 4×40×127.5×14.5	4	40	127.5	14.5	206.09	357.86	3.76	62.63	Carbon
ESM 4×40×130×15.5	4	40	130	15.5	211.99	357.86	3.6	62.63	Carbon
ESM 4×40×132.5×15.5	4	40	132.5	15.5	217.88	357.86	3.46	62.63	Carbon
ESM 4×40×135×16.5	4	40	135	16.5	223.78	357.86	3.33	62.63	Carbon
ESM 4×40×137.5×16.5	4	40	137.5	16.5	229.67	357.86	3.2	62.63	Carbon
ESM 4×40×140×17.5	4	40	140	17.5	235.56	357.86	3.09	62.63	Carbon
ESM 4×40×142.5×18.5	4	40	142.5	18.5	241.45	357.86	2.98	62.63	Carbon
ESM 4×40×145×18.5	4	40	145	18.5	247.35	357.86	2.88	62.63	Carbon
ESM 4×40×147.5×19.5	4	40	147.5	19.5	253.24	357.86	2.79	62.63	Carbon
ESM 4×40×150×20.5	4	40	150	20.5	259.13	357.86	2.71	62.63	Carbon
ESM 4×40×152.5×20.5	4	40	152.5	20.5	265.03	357.86	2.62	62.63	Carbon
ESM 4×40×155×21.5	4	40	155	21.5	270.92	357.86	2.55	62.63	Carbon
ESM 4×40×157.5×21.5	4	40	157.5	21.5	276.81	357.86	2.47	62.63	Carbon
ESS 4×40×110×10.5	4	40	110	10.5	158.27	288.6	4.68	62.63	Stainless
ESS 4×40×112.5×10.5	4	40	112.5	10.5	163.76	288.6	4.41	62.63	Stainless
ESS 4×40×115×11.5	4	40	115	11.5	169.24	288.6	4.17	62.63	Stainless
ESS 4×40×117.5×11.5	4	40	117.5	11.5	174.73	288.6	3.95	62.63	Stainless
ESS 4×40×120×12.5	4	40	120	12.5	180.22	288.6	3.75	62.63	Stainless
ESS 4×40×122.5×13.5	4	40	122.5	13.5	185.7	288.6	3.58	62.63	Stainless
ESS 4×40×125×13.5	4	40	125	13.5	191.19	288.6	3.41	62.63	Stainless
ESS 4×40×127.5×14.5	4	40	127.5	14.5	196.68	288.6	3.27	62.63	Stainless
ESS 4×40×130×15.5	4	40	130	15.5	202.16	288.6	3.13	62.63	Stainless
ESS 4×40×132.5×15.5	4	40	132.5	15.5	207.65	288.6	3.01	62.63	Stainless
ESS 4×40×135×16.5	4	40	135	16.5	213.14	288.6	2.89	62.63	Stainless

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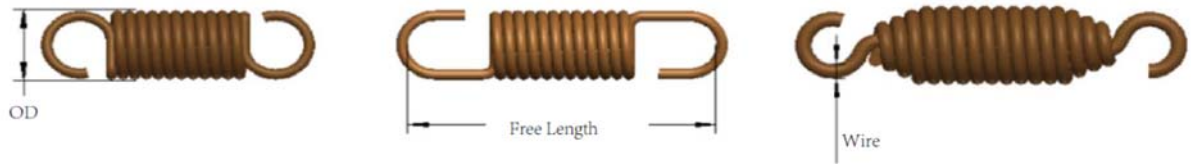
Max Length - Max Load



SPECS	wire (mm)	OD (mm)	Free Length (mm)	Coils	Max-Length (mm)	Max-Load (N)	Rate (N/mm)	Initial tension (N)	Material
ESS 4×40×137.5×16.5	4	40	137.5	16.5	218.63	288.6	2.79	62.63	Stainless
ESS 4×40×140×17.5	4	40	140	17.5	224.11	288.6	2.69	62.63	Stainless
ESS 4×40×142.5×18.5	4	40	142.5	18.5	229.6	288.6	2.59	62.63	Stainless
ESS 4×40×145×18.5	4	40	145	18.5	235.09	288.6	2.51	62.63	Stainless
ESS 4×40×147.5×19.5	4	40	147.5	19.5	240.57	288.6	2.43	62.63	Stainless
ESS 4×40×150×20.5	4	40	150	20.5	246.06	288.6	2.35	62.63	Stainless
ESS 4×40×152.5×20.5	4	40	152.5	20.5	251.55	288.6	2.28	62.63	Stainless
ESS 4×40×155×21.5	4	40	155	21.5	257.04	288.6	2.21	62.63	Stainless
ESS 4×40×157.5×21.5	4	40	157.5	21.5	262.52	288.6	2.15	62.63	Stainless

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