

高品质快速连接元件

QUICK DISCONNECT COUPLER

Meet ISO 7241-A Standard

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Meet ISO 7241-B Standard

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Meet ISO 5675 Standard

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HNR-S1

Meet ISO 7241-A Standard

APPLICATION

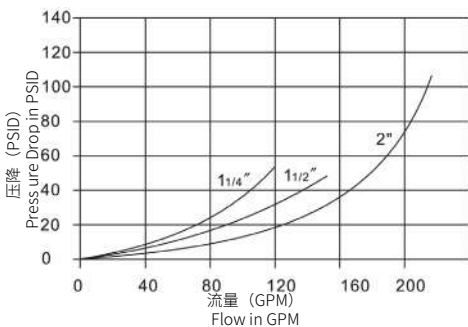
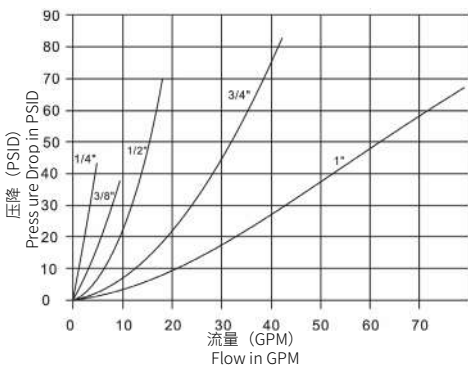
- The S1 series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The S1 connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, maintaining smooth fluid flow within the rated working range.
- Key parts are induction-hardened, ensuring good durability.
- A reliable ball-lock mechanism joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-A standard and is interchangeable with the following products:
 - Parker 6600 series (USA)
 - Faster ANV series (Italy)
 - Aeroquip 5600 series (USA)
 - Hansen HA15000 series (USA)

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: S1 (Product tested: S1 series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- S1 系列接头适用于各种范围的液压应用，这类接头可用于因设备操作或维修，需要断开或者连接管路时，并且不出现流体损耗。
- S1 接头主要用于液压流体管路，化学品水，蒸汽，及某些气体管路。

特征

- 接头断开时，阀芯自动闭合，防止泄露。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的通畅。
- 关键部位经过感应淬火，所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-A 标准
- 并与下列产品互换
 - 美国派克 (PARKER) 6600 系列
 - 意大利快事达 (FASTER) ANV 系列
 - 美国爱力克 (AEROQUIP) 5600 系列
 - 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

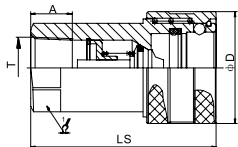
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	5000	6
1/2	4000	12
3/4	4000	28
1	3000	50
1-1/4	3000	88
1-1/2	2500	120
2	2000	240

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C/-65° C to +300° F
FKM	-29° C to +204° C/-15° F to +400° F

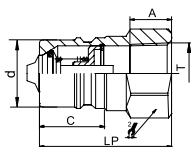
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



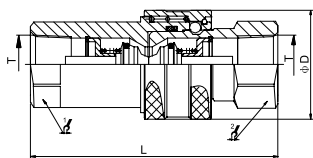
ISO	PART NO.	LS	D	1	A	T	
6.3	HNR-S1-02SF	50	26	19	13	G 1/4	NPT 1/4
10	HNR-S1-03SF	56	31.5	22	14	G 3/8	NPT 3/8
12.5	HNR-S1-04SF	66	38.5	27	16	G 1/2	NPT 1/2
20	HNR-S1-06SF	80	48	34	18	G 3/4	NPT 3/4
25	HNR-S1-08SF	94	56	41	21	G 1	NPT 1
31.5	HNR-S1-10SF	117	69.5	50	25	G 1-1/4	NPT 1-1/4
40	HNR-S1-12SF	133	86	56	27	G 1-1/2	NPT 1-1/2
50	HNR-S1-16SF	165	99	75	26	G 2	NPT 2

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T	
6.3	HNR-S1-02PF	35.5	11.8	15	19	13	G 1/4	NPT 1/4
10	HNR-S1-03PF	36.5	17.3	21.4	22	14	G 3/8	NPT 3/8
12.5	HNR-S1-04PF	43.5	20.5	27	27	16	G 1/2	NPT 1/2
20	HNR-S1-06PF	57	29	28	35	18	G 3/4	NPT 3/4
25	HNR-S1-08PF	59.5	34.3	36	41	21	G 1	NPT 1
31.5	HNR-S1-10PF	75	45	46	50	25	G 1-1/4	NPT 1-1/4
40	HNR-S1-12PF	83.5	55	52	60	27	G 1-1/2	NPT 1-1/2
50	HNR-S1-16PF	105	65	64	75	26	G 2	NPT 2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T	
6.3	HNR-S1-02	71	26	19	19	G 1/4	NPT 1/4
10	HNR-S1-03	75	31.5	22	22	G 3/8	NPT 3/8
12.5	HNR-S1-04	88	38.5	27	27	G 1/2	NPT 1/2
20	HNR-S1-06	110	48	34	35	G 3/4	NPT 3/4
25	HNR-S1-08	119.5	56	41	41	G 1	NPT 1
31.5	HNR-S1-10	150	69.5	50	50	G 1-1/4	NPT 1-1/4
40	HNR-S1-12	167.5	84	60	60	G 1-1/2	NPT 1-1/2
50	HNR-S1-16	210.5	99	75	75	G 2	NPT 2

Accessories 附件



规格	公接头防尘套	母堵头
1/4	S1 PDC-1/4M	S1 PDC-1/4F
3/8	S1 PDC-3/8M	S1 PDC-3/8F
1/2	S1PDC-1/2M	S1 PDC-1/2F
3/4	S1 PDC-3/4M	S1 PDC-3/4F
1	S1 PDC-1M	S1 PDC-1F
1-1/4	S1 PDC-1/4M	S1 PDC-1-1/4F
1-1*2	S1 PDC-1-1/2M	S1 PDC-1-1/2F
2	S1 PDC-2 M	S1 PDC-2F

Accessories 附件



规格	母接头停驻站
1/2	HNR-S1 MDC-1/2M

HNR-S1SS

Meet ISO 7241-A Standard

APPLICATION

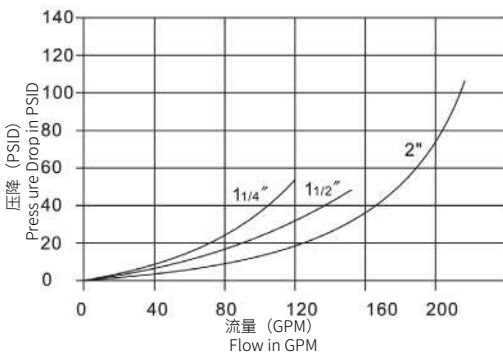
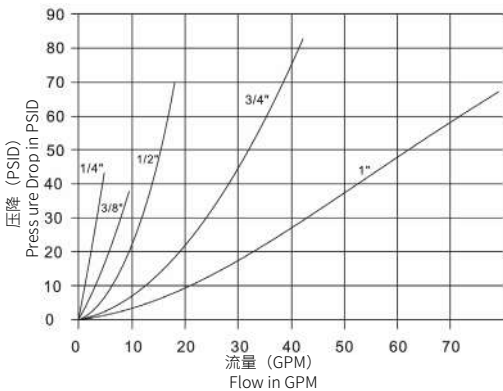
- The S1SS series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The S1SS connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, ensuring smooth fluid flow within the rated working range.
- Key components are induction-hardened, ensuring good durability.
- A reliable ball-lock mechanism securely joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-A standard and is interchangeable with the following products:
 - Parker 6600 series (USA); Faster ANV series (Italy); Aeroquip 5600 series (USA); Hansen HA15000 series (USA)

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: S1SS (Product tested: S1SS series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- S1SS 系列接头适用于各种范围的液压应用，这类接头可用于因设备操作或维修，需要断开或者连接管路时，并且不出现流体损耗。S1SS 接头主要用于液压流体管路，化学品水，蒸汽，及某些气体管路。

特征

- 接头断开时，阀芯自动闭合，防止泄露。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的通畅。
- 关键部位经过感应淬火，所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-A 标准
- 并与下列产品互换
 - 美国派克 (PARKER) 6600 系列
 - 意大利快事达 (FASTER) ANV 系列
 - 美国爱力克 (AEROQUIP) 5600 系列
 - 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

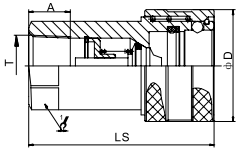
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	3500	3
3/8	3000	6
1/2	3000	12
3/4	3000	28
1	2000	50
1-1/4	1000	88
1-1/2	1000	120
2	1000	240

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

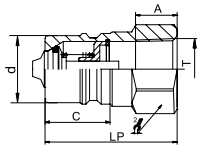
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



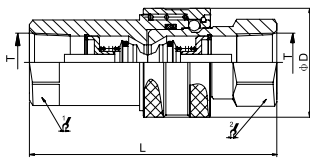
ISO	PART NO.	LS	D	1	A	T	
6.3	HNR-S1SS-02SF	50	26	19	13	G 1/4	NPT 1/4
10	HNR-S1SS-03SF	56	31.5	22	14	G 3/8	NPT 3/8
12.5	HNR-S1SS-04SF	66	38.5	27	16	G 1/2	NPT 1/2
20	HNR-S1SS-06SF	80	48	34	18	G 3/4	NPT 3/4
25	HNR-S1SS-08SF	94	56	41	21	G 1	NPT 1
31.5	HNR-S1SS-10SF	117	69.5	50	25	G 1-1/4	NPT 1-1/4
40	HNR-S1SS-12SF	133	86	56	27	G 1-1/2	NPT 1-1/2
50	HNR-S1SS-16SF	165	99	75	26	G 2	NPT 2

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T	
6.3	HNR-S1SS-02PF	35.5	11.8	15	19	13	G 1/4	NPT 1/4
10	HNR-S1SS-03PF	36.5	17.3	21.4	22	14	G 3/8	NPT 3/8
12.5	HNR-S1SS-04PF	43.5	20.5	27	27	16	G 1/2	NPT 1/2
20	HNR-S1SS-06PF	57	29	28	35	18	G 3/4	NPT 3/4
25	HNR-S1SS-08PF	59.5	34.3	36	41	21	G 1	NPT 1
31.5	HNR-S1SS-10PF	75	45	46	50	25	G 1-1/4	NPT 1-1/4
40	HNR-S1SS-12PF	83.5	55	52	60	27	G 1-1/2	NPT 1-1/2
50	HNR-S1SS-16PF	105	65	64	75	26	G 2	NPT 2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T	
6.3	HNR-S1SS-02	71	26	19	19	G 1/4	NPT 1/4
10	HNR-S1SS-03	75	31.5	22	22	G 3/8	NPT 3/8
12.5	HNR-S1SS-04	88	38.5	27	27	G 1/2	NPT 1/2
20	HNR-S1SS-06	110	48	34	35	G 3/4	NPT 3/4
25	HNR-S1SS-08	119.5	56	41	41	G 1	NPT 1
31.5	HNR-S1SS-10	150	69.5	50	50	G 1-1/4	NPT 1-1/4
40	HNR-S1SS-12	167.5	84	60	60	G 1-1/2	NPT 1-1/2
50	HNR-S1SS-16	210.5	99	75	75	G 2	NPT 2

HNR-ISOA

Meet ISO 7241-A Standard

APPLICATION

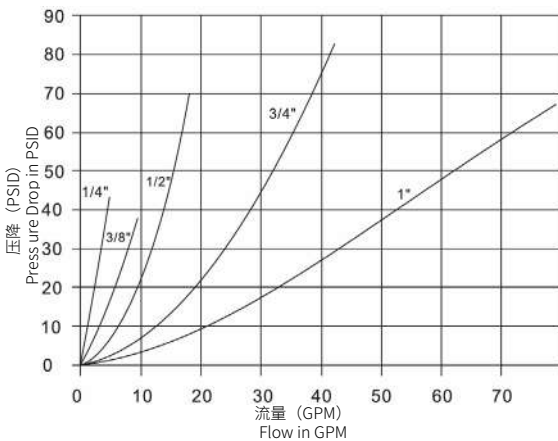
- The ISOA series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The ISOA connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, ensuring smooth fluid flow within the rated working range.
- Key components are induction-hardened, ensuring excellent durability.
- A reliable ball-lock mechanism securely joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-A standard and is interchangeable with the following products:
 - Parker 6600 series (USA)
 - Faster ANV series (Italy)
 - Aeroquip 5600 series (USA)
 - Hansen HA15000 series (USA)

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: ISOA (Product tested: ISOA series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- ISOA 系列接头适用于各种范围的液压应用，这类接头可用于因设备操作或维修，需要断开或者连接管路时，并且不出现流体损耗。
- ISOA 接头主要用于液压流体管路，化学品水，蒸汽，及某些气体管路。

特征

- 接头断开时，阀芯自动闭合，防止泄露。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的通畅。
- 关键部位经过感应淬火，所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-A 标准
- 并与下列产品互换
 - 美国派克 (PARKER) 6600 系列
 - 意大利快事达 (FASTER) ANV 系列
 - 美国爱力克 (AEROQUIP) 5600 系列
 - 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

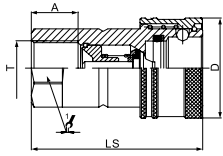
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	5000	6
1/2	4000	12
3/4	4000	28
1	3000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

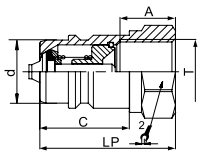
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



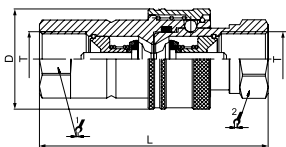
ISO	PART NO.	LS	D	1	A	T	
6.3	HNR-ISOA-02SF	50	26	S19	13	G 1/4	NPT 1/4
10	HNR-ISOA-03SF	57.1	31.5	S22	16	G 3/8	NPT 3/8
12.5	HNR-ISOA-04SF	66	38.5	S27	18	G 1/2	NPT 1/2
20	HNR-ISOA-06SF	82.5	48	S34	20.5	G 3/4	NPT 3/4
25	HNR-ISOA-08SF	100	56	S56	20.5	G 1	NPT 1

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T	
6.3	HNR-ISOA-02PF	38.5	11.8	15	S19	13	G 1/4	NPT 1/4
10	HNR-ISOA-03PF	39	17.3	19	S22	16	G 3/8	NPT 3/8
12.5	HNR-ISOA-04PF	44	20.5	29	S27	18	G 1/2	NPT 1/2
20	HNR-ISOA-06PF	55	29	29	S34	20.5	G 3/4	NPT 3/4
25	HNR-ISOA-08PF	66	34.3	35	S41	20.5	G 1	NPT 1

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T	
6.3	HNR-ISOA-02	74.2	26	S19	S19	G 1/4	NPT 1/4
10	HNR-ISOA-03	78.5	31.5	S22	S22	G 3/8	NPT 3/8
12.5	HNR-ISOA-04	88.2	38.5	S27	S27	G 1/2	NPT 1/2
20	HNR-ISOA-06	110.4	48	S34	S34	G 3/4	NPT 3/4
25	HNR-ISOA-08	132.9	56	S41	S41	G 1	NPT 1

HNR-S3

Meet ISO 7241-A Standard

APPLICATION

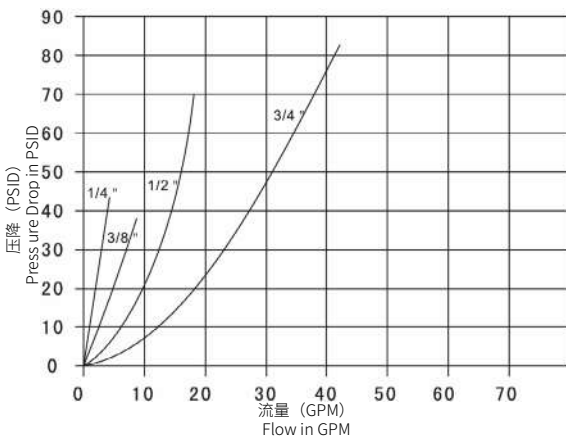
- The S3 series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The S3 connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, ensuring smooth fluid flow within the rated working range.
- Key components are induction-hardened, ensuring excellent durability.
- A reliable ball-lock mechanism securely joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-A standard and is interchangeable with the following products:
- Parker 6600 series (USA)
- Faster ANV series (Italy)
- Aeroquip 5600 series (USA)
- Hansen HA15000 series (USA)

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: S3 (Product tested: S3 series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- S3 系列接头适用于各种范围的液压应用, 这类接头可用于因设备操作或维修, 需要断开或者连接管路时, 并且不出现流体损耗。S3 接头主要用于液压流体管路, 化学品水, 蒸汽, 及某些气体管路。

特征

- 接头断开时, 阀芯自动闭合, 防止泄露。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的通畅。
- 关键部位经过感应淬火, 所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-A 标准
- 并与下列产品互换
- 美国派克 (PARKER) 6600 系列
- 意大利快事达 (FASTER) ANV 系列
- 美国爱力克 (AEROQUIP) 5600 系列
- 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

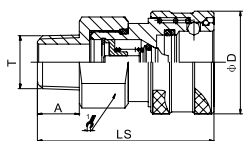
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	5000	6
1/2	4000	12
3/4	4000	28
1	3000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

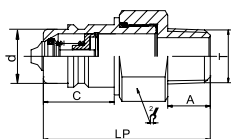
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



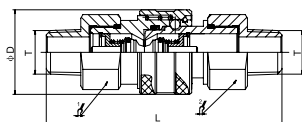
ISO	PART NO.	LS	D	1	A	T
6.3	HNR-S3-02SF	53.5	26	22	13	ZG 1/4 NPT 1/4
10	HNR-S3-03SF	57.5	31.5	27	13	ZG 3/8 NPT 3/8
12.5	HNR-S3-04SF	66.5	38.5	27	16	ZG 1/2 NPT 1/2
20	HNR-S3-06SF	81.5	48	36	18	ZG 3/4 NPT 3/4
25	HNR-S3-08SF	96	56	41	21	ZG 1 NPT 1

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T
6.3	HNR-S3-02PF	46	11.8	15.2	22	13	ZG 1/4 NPT 1/4
10	HNR-S3-03PF	53	17.3	21.4	27	13	ZG 3/8 NPT 3/8
12.5	HNR-S3-04PF	62.5	20.5	27	27	16	ZG 1/2 NPT 1/2
20	HNR-S3-06PF	66.5	29	28	36	18	ZG 3/4 NPT 3/4
25	HNR-S3-08PF	79	34.3	36	41	21	ZG 1 NPT 1

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
6.3	HNR-S3-02	85	26	22	22	ZG 1/4 NPT 1/4
10	HNR-S3-03	93	31.5	27	27	ZG 3/8 NPT 3/8
12.5	HNR-S3-04	107	38.5	27	27	ZG 1/2 NPT 1/2
20	HNR-S3-06	121	48	36	36	ZG 3/4 NPT 3/4
25	HNR-S3-08	141	56	41	41	ZG 1 NPT 1

HNR-S2

Meet ISO 7241-B Standard

APPLICATION

- The S2 series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The S2 connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, ensuring smooth fluid flow within the rated working range.
- Key components are induction-hardened, ensuring excellent durability.
- A reliable ball-lock mechanism securely joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-B standard and is interchangeable with the following products:
 - Parker 6600 series (USA)
 - Faster ANV series (Italy)
 - Aeroquip 5600 series (USA)
 - Hansen HA15000 series (USA)

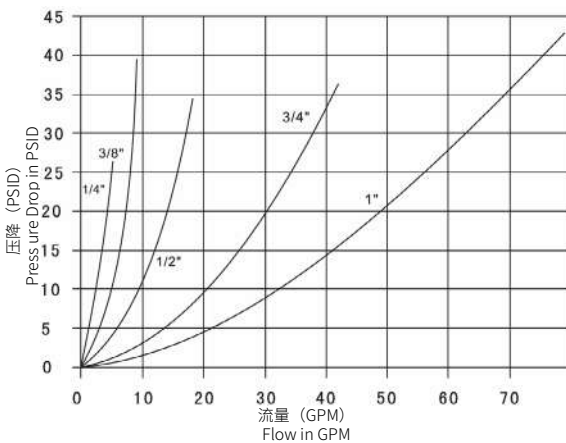
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: S2 (Product tested: S2 series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

- S2 系列接头适用于各种范围的液压应用, 这类接头可用于因设备操作或维修, 需要断开或者连接管路时, 并且不出现流体损耗。S2 接头主要用于液压流体管路, 化学品水, 蒸汽, 及某些气体管路。

特征

- 接头断开时, 阀芯自动闭合, 防止泄露。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的通畅。
- 关键部位经过感应淬火, 所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-B 标准
- 并与下列产品互换
 - 美国派克 (PARKER) 6600 系列
 - 意大利快事达 (FASTER) ANV 系列
 - 美国爱力克 (AEROQUIP) 5600 系列
 - 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

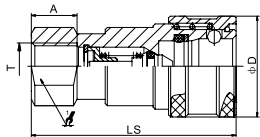
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	5000	6
1/2	4000	12
3/4	3000	28
1	3000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

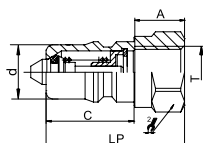
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



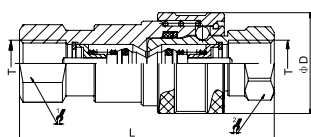
ISO	PART NO.	LS	D	1	A	T	
5	HNR-S2-01SF	48	24	17	9.8	G 1/8	NPT 1/8
6.3	HNR-S2-02SF	58	28.5	19	13	G 1/4	NPT 1/4
10	HNR-S2-03SF	65	35	24	13	G 3/8	NPT 3/8
12.5	HNR-S2-04SF	74	44.5	28.5	20.5	G 1/2	NPT 1/2
20	HNR-S2-06SF	92	54	36	22	G 3/4	NPT 3/4
25	HNR-S2-08SF	103	63.5	41	23	G 1	NPT 1

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T	
5	HNR-S2-01PF	29	10.8	19	14	9.5	G 1/8	NPT 1/8
6.3	HNR-S2-02PF	36	14.2	22.8	19	13	G 1/4	NPT 1/4
10	HNR-S2-03PF	40	19	25	24	13	G 3/8	NPT 3/8
12.5	HNR-S2-04PF	46.5	23.5	28	28.5	20.5	G 1/2	NPT 1/2
20	HNR-S2-06PF	56	31.5	36	36	22	G 3/4	NPT 3/4
25	HNR-S2-08PF	63	37.8	45	41	23	G 1	NPT 1

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T	
5	HNR-S2-01	58.5	24	17	14	G 1/8	NPT 1/8
6.3	HNR-S2-02	72	28.5	19	19	G 1/4	NPT 1/4
10	HNR-S2-03	80.5	35	24	24	G 3/8	NPT 3/8
12.5	HNR-S2-04	93.5	44.5	28.5	28.5	G 1/2	NPT 1/2
20	HNR-S2-06	112.5	54	36	36	G 3/4	NPT 3/4
25	HNR-S2-08	126.5	63.5	41	41	G 1	NPT 1

Accessories 附件



规格	公接头防尘套	母堵头
1/4	S2 PDC-1/4M	S2 PDC-1/4F
3/8	S2 PDC-3/8M	S2 PDC-3/8F
1/2	S2 PDC-1/2M	S2 PDC-1/2F
3/4	S2 PDC-3/4M	S2 PDC-3/4F
1	S2 PDC-1M	S2 PDC-1F

HNR-S2SS

Meet ISO 7241-B Standard

APPLICATION

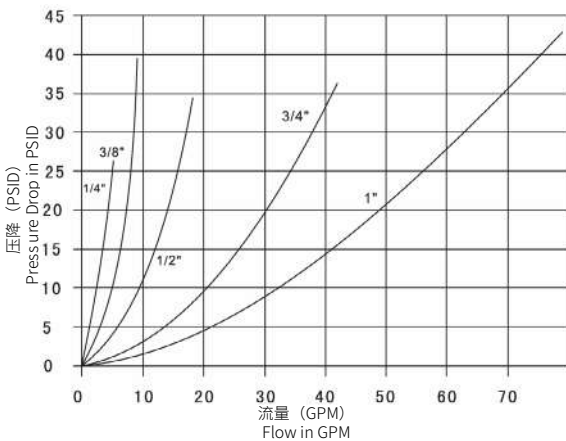
- The S2SS series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The S2SS connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, ensuring smooth fluid flow within the rated working range.
- Key components are induction-hardened, ensuring excellent durability.
- A reliable ball-lock mechanism securely joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-B standard and is interchangeable with the following products:
 - Parker 6600 series (USA)
 - Faster ANV series (Italy)
 - Aeroquip 5600 series (USA)
 - Hansen HA15000 series (USA)

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: S2SS (Product tested: S2SS series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- S2SS 系列接头适用于各种范围的液压应用，这类接头可用于因设备操作或维修，需要断开或者连接管路时，并且不出流体损耗。S2SS 接头主要用于液压流体管路，化学品水，蒸汽，及某些气体管路。

特征

- 接头断开时，阀芯自动闭合，防止泄露。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的通畅。
- 关键部位经过感应淬火，所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-B 标准
- 并与下列产品互换
 - 美国派克 (PARKER) 6600 系列
 - 意大利快事达 (FASTER) ANV 系列
 - 美国爱力克 (AEROQUIP) 5600 系列
 - 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

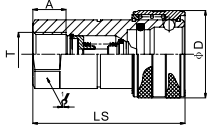
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	3500	3
3/8	3500	6
1/2	3000	12
3/4	3000	28
1	2000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

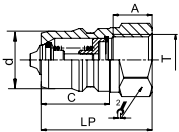
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



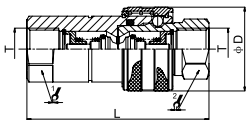
ISO	PART NO.	LS	D	1	A	T	
5	HNR-S2SS-01SF	50	24	17	10	G 1/8	NPT 1/8
6.3	HNR-S2SS-02SF	58	28.5	19	13	G 1/4	NPT 1/4
10	HNR-S2SS-03SF	65	35	24	13	G 3/8	NPT 3/8
12.5	HNR-S2SS-04SF	73.4	42	30	17	G 1/2	NPT 1/2
20	HNR-S2SS-06SF	92	54	36	22	G 3/4	NPT 3/4
25	HNR-S2SS-08SF	103	65	41	23	G 1	NPT 1

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T	
5	HNR-S2SS-01PF	31	10.8	19	14	10	G 1/8	NPT 1/8
6.3	HNR-S2SS-02PF	36	14.2	22.8	19	13	G 1/4	NPT 1/4
10	HNR-S2SS-03PF	40	19	25	24	13	G 3/8	NPT 3/8
12.5	HNR-S2SS-04PF	45.5	23.5	28	27	17	G 1/2	NPT 1/2
20	HNR-S2SS-06PF	56	31.5	36	36	22	G 3/4	NPT 3/4
25	HNR-S2SS-08PF	63	37.8	35.5	45	23	G 1	NPT 1

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T	
5	HNR-S2SS-01	62.5	24	17	14	G 1/8	NPT 1/8
6.3	HNR-S2SS-02	72.2	28.5	19	19	G 1/4	NPT 1/4
10	HNR-S2SS-03	80.5	35	24	24	G 3/8	NPT 3/8
12.5	HNR-S2SS-04	91.5	42	30	27	G 1/2	NPT 1/2
20	HNR-S2SS-06	112.5	54	36	36	G 3/4	NPT 3/4
25	HNR-S2SS-08	126.5	65	41	41	G 1	NPT 1

HNR-S8

Meet ISO 7241-B Standard

APPLICATION

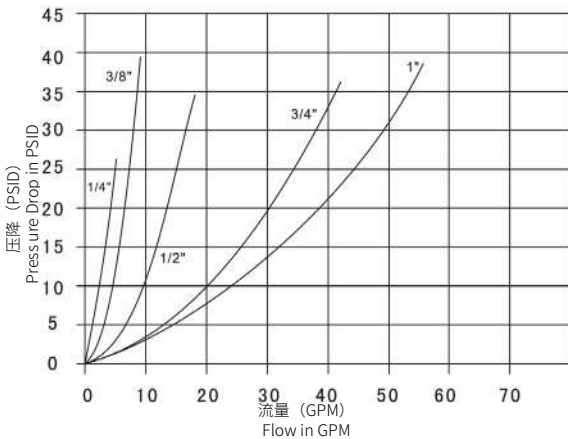
- The HNR-S8 series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The HNR-S8 connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, ensuring smooth fluid flow within the rated working range.
- Key components are induction-hardened, ensuring excellent durability.
- A reliable ball-lock mechanism securely joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-B standard and is interchangeable with the following products:
 - Parker 6600 series (USA)
 - Faster ANV series (Italy)
 - Aeroquip 5600 series (USA)
 - Hansen HA15000 series (USA)

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: HNR-S8 (Product tested: HNR-S8 series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- HNR-S8 系列接头适用于各种范围的液压应用，这类接头可用于因设备操作或维修，需要断开或者连接管路时，并且不出现流体损耗。HNR-S8 接头主要用于液压流体管路，化学品水，蒸汽，及某些气体管路。

特征

- 接头断开时，阀芯自动闭合，防止泄露。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的通畅。
- 关键部位经过感应淬火，所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-B 标准
- 并与下列产品互换
 - 美国派克 (PARKER) 6600 系列
 - 意大利快事达 (FASTER) ANV 系列
 - 美国爱力克 (AEROQUIP) 5600 系列
 - 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

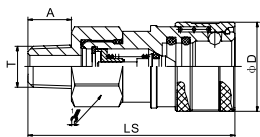
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	1000	3
3/8	1000	6
1/2	1000	12
3/4	1000	28
1	1000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

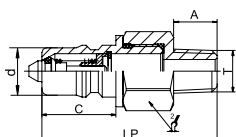
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



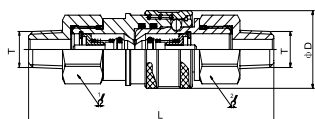
ISO	PART NO.	LS	D	1	A	T
6.3	HNR-S8-02SF	62.5	27	22	13	ZG 1/4 NPT 1/4
10	HNR-S8-03SF	68.5	35	27	13	ZG 3/8 NPT 3/8
12.5	HNR-S8-04SF	77.5	45	30	16	ZG 1/2 NPT 1/2
20	HNR-S8-06SF	93.5	54	36	18	ZG 3/4 NPT 3/4
25	HNR-S8-08SF	98	64.5	41	20	ZG 1 NPT 1

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T
6.3	HNR-S8-02PF	53	14.2	22.5	22	13	ZG 1/4 NPT 1/4
10	HNR-S8-03PF	55.5	19	25	27	13	ZG 3/8 NPT 3/8
12.5	HNR-S8-04PF	64.5	23.5	28	30	16	ZG 1/2 NPT 1/2
20	HNR-S8-06PF	74.5	31.4	36	36	18	ZG 3/4 NPT 3/4
25	HNR-S8-08PF	78	37.8	40	41	20	ZG 1 NPT 1

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
6.3	HNR-S8-02	94	27	22	22	ZG 1/4 NPT 1/4
10	HNR-S8-03	99	35	27	27	ZG 3/8 NPT 3/8
12.5	HNR-S8-04	115.5	45	30	30	ZG 1/2 NPT 1/2
20	HNR-S8-06	133	54	36	36	ZG 3/4 NPT 3/4
25	HNR-S8-08	136.5	64.5	41	41	ZG 1 NPT 1

HNR-KZD

Meet ISO 7241-B Standard

APPLICATION

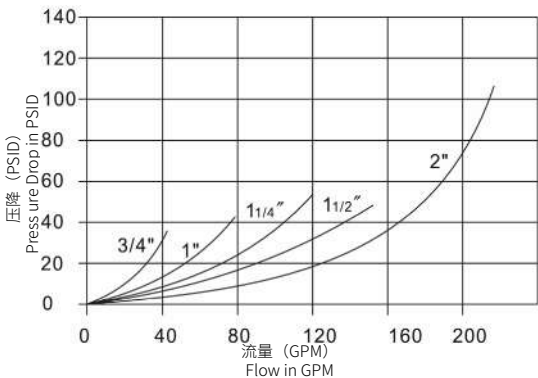
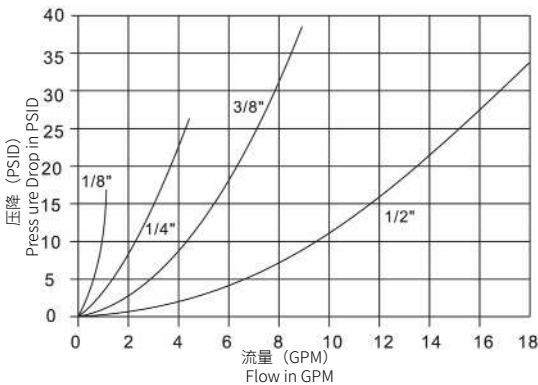
- The KZD series connectors are suitable for a wide range of hydraulic applications. These connectors can be used when disconnecting or connecting pipelines due to equipment operation or maintenance, without causing fluid loss.
- The KZD connectors are primarily used in hydraulic fluid pipelines, chemical water, steam, and certain gas pipelines.

FEATURES

- When the connector is disconnected, the valve core automatically closes to prevent leakage.
- After the connector is connected, the valve automatically opens, ensuring smooth fluid flow within the rated working range.
- Key components are induction-hardened, ensuring excellent durability.
- A reliable ball-lock mechanism securely joins the matching halves together.
- The female socket and plug are precisely manufactured from solid bar stock.
- This connector complies with the ISO 7241-B standard and is interchangeable with the following products: Parker 6600 series (USA); Faster ANV series (Italy); Aeroquip 5600 series (USA); Hansen HA15000 series (USA);

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: KZD (Product tested: KZD series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- KZD 系列接头适用于各种范围的液压应用, 这类接头可用于因设备操作或维修, 需要断开或者连接管路时, 并且不出现流体损耗。KZD 接头主要用于液压流体管路, 化学品水, 蒸汽, 及某些气体管路。

特征

- 接头断开时, 阀芯自动闭合, 防止泄露。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的通畅。
- 关键部位经过感应淬火, 所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-B 标准
- 并与下列产品互换
- 美国派克 (PARKER) 6600 系列
- 意大利快事达 (FASTER) ANV 系列
- 美国爱力克 (AEROQUIP) 5600 系列
- 美国汉森 (HANSEN) HA15000 系列

FLOW DATA

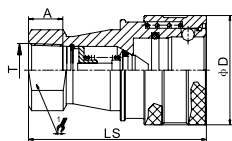
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/8	1000	1
1/4	1000	3
3/8	1000	6
1/2	1000	12
3/4	1000	28
1	1000	50
1-1/4	800	75
1-1/2	800	100
2	800	150

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

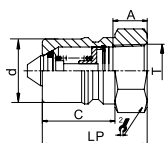
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



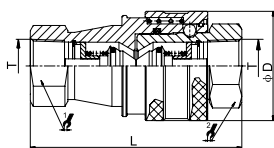
ISO	PART NO.	LS	D	1	A	T
5	HNR-KZD-01SF	48	24	14	8	G 1/8
6.3	HNR-KZD-02SF	58	27	19	12.5	ZG 1/4
10	HNR-KZD-03SF	64	35	22	13	ZG 3/8
12.5	HNR-KZD-04SF	72.5	45	29	14	ZG 1/2
20	HNR-KZD-06SF	88	54	36	17	ZG 3/4
25	HNR-KZD-08SF	102	64.5	41	23	ZG 1
31.5	HNR-KZD-10SF	115	69	54	27	ZG 1-1/4
40	HNR-KZD-12SF	124	79	60	27	ZG 1-1/2
50	HNR-KZD-16SF	132	102	77	30	ZG 2

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T
5	HNR-KZD-01PF	29	108	19	14	8	G 1/8
6.3	HNR-KZD-02PF	36	14.2	22.5	17	12.5	ZG 1/4
10	HNR-KZD-03PF	40	19	25	22	13	ZG 3/8
12.5	HNR-KZD-04PF	44	23.5	28	27	14	ZG 1/2
20	HNR-KZD-06PF	52	31.4	36	36	17	ZG 3/4
25	HNR-KZD-08PF	62	37.8	40	41	23	ZG 1
31.5	HNR-KZD-10PF	70	45	45	52	27	ZG 1-1/4
40	HNR-KZD-12PF	75	50	49	60	27	ZG 1-1/2
50	HNR-KZD-16PF	80	70	52	77	30	ZG 2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
5	HNR-KZD-01	58.5	24	14	14	G 1/8
6.3	HNR-KZD-02	72.5	28	19	17	ZG 1/4
10	HNR-KZD-03	80.5	35	22	22	ZG 3/8
12.5	HNR-KZD-04	89	45	29	27	ZG 1/2
20	HNR-KZD-06	105	54	36	36	ZG 3/4
25	HNR-KZD-08	124.5	64.5	41	41	ZG 1
31.5	HNR-KZD-10	140.5	69	54	52	ZG 1-1/4
40	HNR-KZD-12	150.5	79	60	60	ZG 1-1/2
50	HNR-KZD-16	160.5	102	77	77	ZG 2

HNR-KZF

Meet ISO 7241-B Standard

APPLICATION

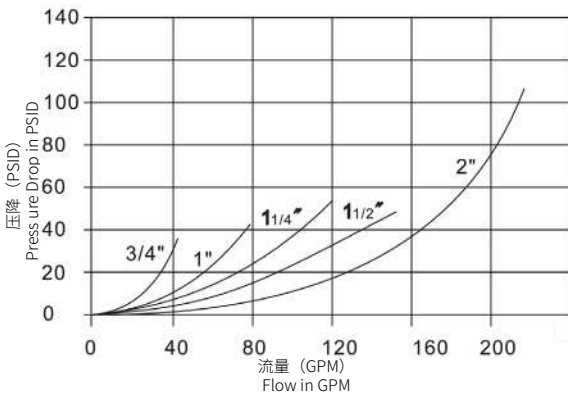
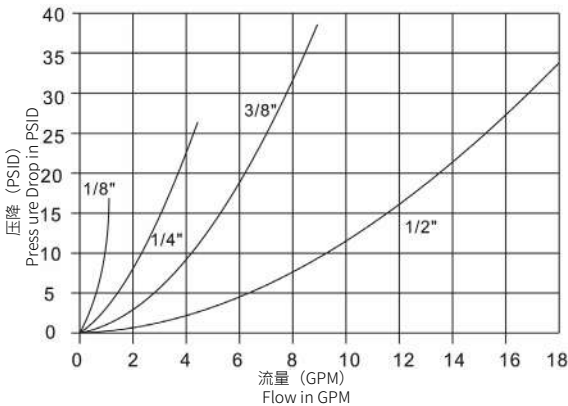
- KZF couplings are suitable for a wide range of hydraulic applications. These double shut-off couplings are designed for situations where fluid transfer lines need to be connected and disconnected during equipment operation or maintenance without fluid loss.
- The KZF couplings are primarily used in hydraulic fluid lines but are also applicable for chemical solutions, water, steam, and certain gas lines.

FEATURES

- The valve automatically closes when the coupling is disconnected, preventing leakage.
- Once connected, the valve opens automatically, ensuring smooth fluid flow within the rated operating range.
- A reliable ball-lock mechanism securely joins the two matching halves. The female socket and male plug are precision-machined from solid bar stock.
- The coupling complies with ISO 7241-B standards.
- It is interchangeable with the following products: Parker (USA) 60 Series, Faster (Italy) HNV Series, Aeroquip (USA) FD45 Series, and Hansen (USA) HK Series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: KZF (Product tested: KZF series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- KZF 接头适用于各种范围的液压应用。这类双截止接头能适用以下情况: 流体输送管路因设备操作或维护而需要连接及断开, 而且希望不出现流体损耗。
- KZF 接头主要用于液压流体管路。但也用于化学品水、蒸汽及某些气体管路。

特征

- KZF 系列接头具有以下特征:
- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内始终保持流体的畅通。
- 可靠的球锁机构将相匹配的两半部分结合在一起。母插座和公插头采用实心的棒料精密制造。
- 本接头符合 ISO7241-B
- 并与下列产品互换: 美国派克 (PARKER)60 系列、意大利快事达 (FASTER)HNV 系列、美国爱力克 (AEROQUIP)FD45 系列、美国汉森 (HANSEN)HK 系列。

FLOW DATA

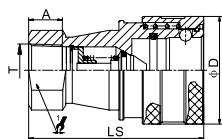
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/8	2000	1
1/4	2000	3
3/8	1500	6
1/2	1500	12
3/4	1500	28
1	1000	50
1-1/4	1000	75
1-1/2	1000	100
2	1000	150

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

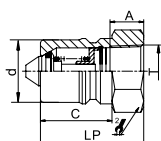
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



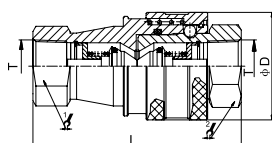
ISO	PART NO.	LS	D	1	A	T
5	HNR-KZF-01SF	48	24	14	8	G 1/8
6.3	HNR-KZF-02SF	58	27	19	12.5	ZG 1/4
10	HNR-KZF-03SF	65	35	22	13	ZG 3/8
12.5	HNR-KZF-04SF	72.5	45	29	14	ZG 1/2
20	HNR-KZF-06SF	88	54	36	17	ZG 3/4
25	HNR-KZF-08SF	102	64.5	41	23	ZG 1
31.5	HNR-KZF-10SF	115	69	54	27	ZG 1-1/4
40	HNR-KZF-12SF	124	79	60	27	2g 1-1/2
50	HNR-KZF-16SF	132	102	77	30	ZG 2

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T
5	HNR-KZF-01PF	29	10.8	19	14	8	G 1/8
6.3	HNR-KZF-02PF	36	14.2	22.5	17	12.5	ZG 1/4
10	HNR-KZF-03PF	40	19	25	22	13	ZG 3/8
12.5	HNR-KZF-04PF	44	23.5	28	27	14	ZG 1/2
20	HNR-KZF-06PF	52	31.4	36	36	17	ZG 3/4
25	HNR-KZF-08PF	62	37.8	40	41	23	ZG 1
31.5	HNR-KZF-10PF	70	45	45	52	27	ZG 1-1/4
40	HNR-KZF-12PF	75	50	49	60	27	ZG 1-1/2
50	HNR-KZF-16PF	80	70	52	77	30	ZG 2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
5	HNR-KZF-01	58.5	24	14	14	G 1/8
6.3	HNR-KZF-02	72.5	28	19	17	ZG 1/4
10	HNR-KZF-03	80.5	35	22	22	ZG 3/8
12.5	HNR-KZF-04	89	45	29	27	ZG 1/2
20	HNR-KZF-06	105	54	36	36	ZG 3/4
25	HNR-KZF-08	124.5	64.5	41	41	ZG 1
31.5	HNR-KZF-10	140.5	69	54	52	ZG 1-1/4
40	HNR-KZF-12	150.5	79	60	60	ZG 1-1/2
50	HNR-KZF-16	160.5	102	77	77	ZG 2

HNR-DJY

Meet ISO 7241-B Standard

APPLICATION

- In the battery and electrolyte industries.

FEATURES

- The valve seals are made of PTFE material, suitable for high-purity pharmaceutical fluid applications.
- The body material is polished to significantly enhance corrosion resistance.
- When the coupling is disconnected, the valve core automatically closes to prevent leakage.
- Once connected, the valve automatically opens, ensuring smooth fluid flow within the rated operating range.
- A reliable ball-lock mechanism securely joins the two matching halves.
- The female socket and male plug are precision-machined from solid bar stock and are interchangeable with the Nitto SP series.

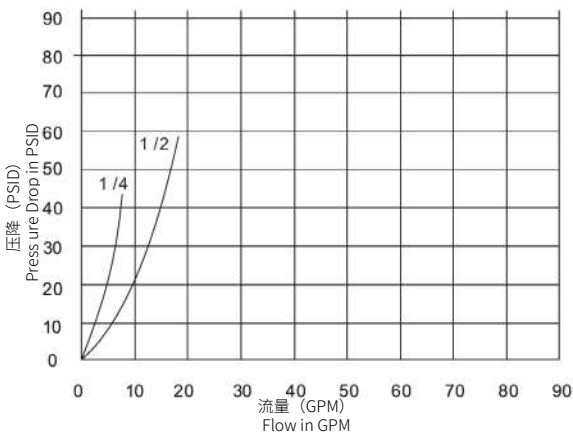
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: DJY (Product tested: DJY series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

- 电池、电解液行业

特征

- 阀的密封件采用 PTFE 材料, 适合高纯度药品流
- 体应用。
- 主体材质经过研磨处理, 抗腐蚀性能大幅提高。
- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内,
- 始终保持流体的畅通。
- 可靠的球锁机构将相匹配的两半部分结合在一起
- 母插座和公插头采用实心的棒料精密制造并与下
- 列产品互换: 日东 SP 系列

FLOW DATA

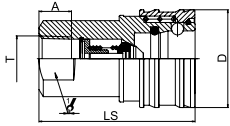
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	1450	3
1/2	1450	12

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

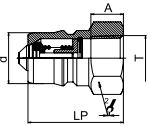
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



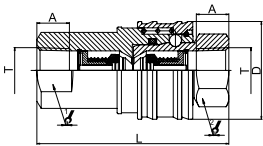
PART NO	LS	D	A	1	T
HNR-DJY-02SF	58	28	12.5	S1 9 对边	ZG 1/4
HNR-DJY-04SF	72	45	15	S2 9 对边	ZG 1/2

Plug 公插头



PART NO	LP	d	A	2	T
HNR-DJY-02PF	36	14.2	12.5	S1 7 六角	ZG 1/4
HNR-DJY-04PF	44	23.5	15	S2 9 六角	ZG 1/2

Coupling Fitting 连接器装配



PART NO	L	D	A	1	2	T
HNR-DJY-02	72.5	28	12.5	S1 9 对边	S1 7 六角	ZG 1/4
HNR-DJY-04	88.5	45	15	S2 9 对边	S2 9 六角	ZG 1/2

HNR-CPI

Meet ISO 7241-B Standard

APPLICATION

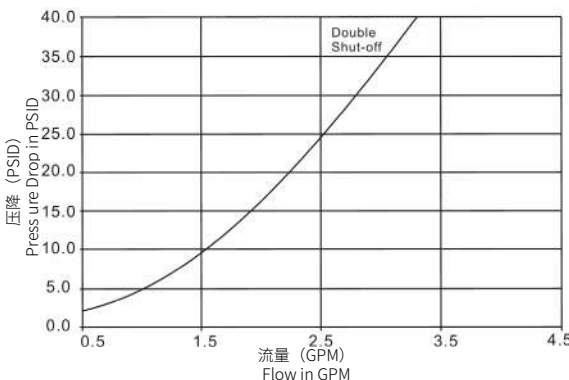
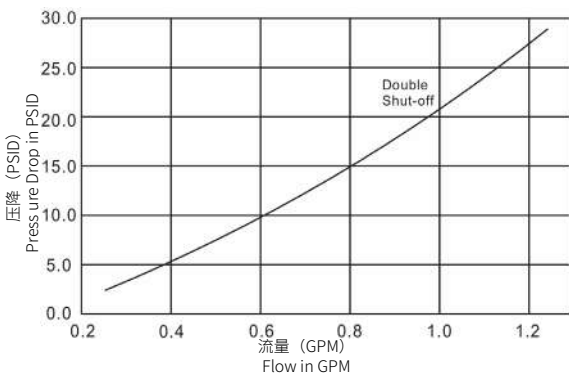
• The HAINAR CPI series couplings are widely used in instrumentation, chemical processing, laboratory testing, food processing, medical equipment, and power generation.

FEATURES

- Push-in connection enables quick connection or disconnection without the need for tools.
- Safe and reliable, the leak-proof O-ring ensures no leakage in vacuum or pressure systems.
- The valve core automatically opens or closes upon connection or disconnection, minimizing gas or liquid leakage.
- A reliable valve core design prevents fluid backflow.
- The valve seat with a guide sleeve ensures precise alignment with the valve core, reducing leakage.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: CPI (Product tested: CPI series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- 海纳 CPI 系列接头广泛用于仪表, 化学处理, 实验室试验, 食品加工, 医疗设备, 发电。

特征

- 推入式连接, 无需工具即可快速连接或断开。
- 安全可靠, 防漏 O 型圈可确保在真空或压力系统中无泄漏。
- 接头连接或断开后, 阀芯自动开启或关闭, 最大程度减少气液泄漏。
- 可靠的阀芯设计能够阻止流体逆流
- 带有导向套的阀座可与阀芯精密配合, 从而减少了泄漏

FLOW DATA

规格 (in.) Body Size	连接状态 (PSI)	断开状态 (PSI)	带压连接 (PSI)
1/4	3000	3000	250
3/8	1500	1500	250
1/2	750	750	250

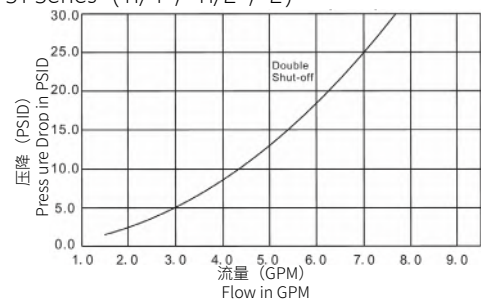
SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

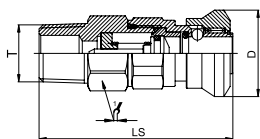
*For reference only, based on Hainar recommended temperatures.

PERFORMANCE

- HNR-S1 Series (11/4", 11/2", 2)

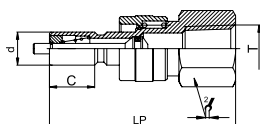


Socket 母插座



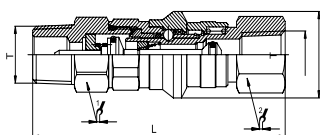
PART NO.	LS	D	1	T	
HNR-CPI-02SM	50.3	22	S16 六角	G 1/4	NPT 1/4
HNR-CPI-03SM	55.7	24.8	S19 六角	G 3/8	NPT 3/8
HNR-CPI-04SM	70.6	29.6	S24 六角	G 1/2	NPT 1/2

Plug 公插头



PART NO.	LP	D	2	C	T	
HNR-CPI-02SM	56.5	6.3	S19 六角	10.2	G 1/4	NPT 1/4
HNR-CPI-03SM	53.5	9.5	S19 六角	13	G 3/8	NPT 3/8
HNR-CPI-04SM	64.8	12.6	S27 六角	18.8	G 1/2	NPT 1/2

Coupling Fitting 连接器装配



PART NO.	L	D	1	2	T	
HNR-CPI-02SM	85	22	S16 六角	S19 六角	G 1/4	NPT 1/4
HNR-CPI-03SM	85	24.8	S19 六角	S19 六角	SM G 3/8 SM PF G 1/4 PF	NPT 3/8 NPT 1/4
HNR-CPI-04SM	105	29.6	S24 六角	S27 六角	G 1/2	NPT 1/2

HNR-S5/S5C

Meet ISO 5675 Standard

APPLICATION

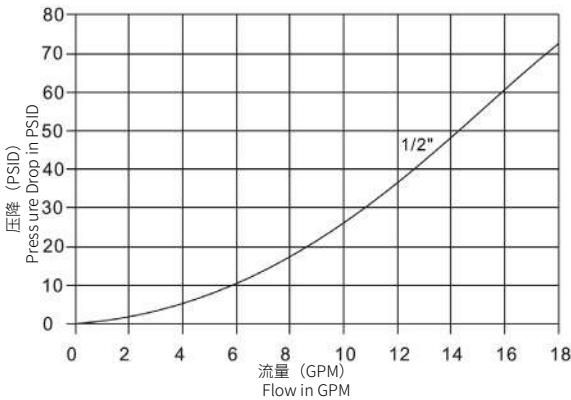
The S5/S5C series is widely used in various industrial applications, including construction equipment, forestry machinery, agricultural machinery, and hydraulic tools.

FEATURES

- When the coupling is clamped or installed in a bulkhead configuration, the double-acting sleeve allows single-handed operation.
- The valve core automatically closes when the coupling is disconnected, preventing leakage.
- Once connected, the valve automatically opens, ensuring smooth fluid flow within the rated operating range.
- Key components are induction-hardened for enhanced durability.
- A reliable ball-lock mechanism securely joins the two matching halves.
- The female socket and male plug are precision-engineered from solid bar stock. This coupling complies with ISO 5675 standards.
- It is interchangeable with the following products: Parker (USA) 4250 series and Faster (Italy) CPV-CNV series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: S5/S5C (Product tested: S5/S5C series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

S5/S5C 系列广泛应用于各种工业用途, 用于建筑设备、森林设备、农业机械及液压机具。

特征

- 在接头被夹紧或以舱壁形式安装时, 双作用套筒可以用单手操作。
- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内始终保持流体的畅通。
- 关键部件经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座及公插头采用实心的棒料精工制造。本接头符合 ISO5675 标准。
- 并与下列产品互换: 美国派克 (PARKER)4250 系列, 意大利快事达 (FASTER)CPV-CNV 系列。

FLOW DATA

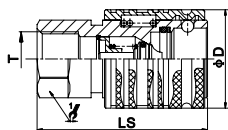
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/2	4000	12

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

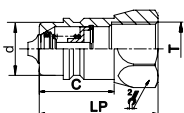
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



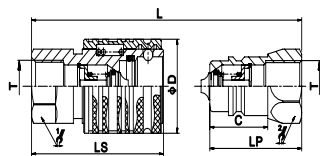
ISO	PART NO.	LS	D	1	T
12.5	HNR-S5-04SF3/8	66	38	27	BSP 3/8 NPT 3/8
12.5	HNR-S5-04SF1/2	66	38	27	BSP 1/2 NPT 1/2
12.5	HNR-S5-04SF3/4	69	38	34	BSP 3/4 NPT 3/4
12.5	HNR-S5-04SFM14	66	38	27	M14*1.5
12.5	HNR-S5-04SFM16	66	38	27	M16*1.5
12.5	HNR-S5-04SFM18	66	38	27	M18*1.5
12.5	HNR-S5-04SFM22	66	38	27	M22*1.5

Plug 公插头



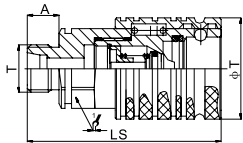
ISO	PART NO.	LP	D	C	2	T
12.5	HNR-S5-04PF3/8	61.5	20.5	27	27	BSP 3/8 NPT 3/8
12.5	HNR-S5-04PF1/2	44	20.5	27	27	BSP 1/2 NPT 1/2
12.5	HNR-S5-04PF3/4	64.5	20.5	34	34	BSP 3/4 NPT 3/4
12.5	HNR-S5-04PFM14	61.5	20.5	27	27	M14*1.5
12.5	HNR-S5-04PFM16	61.5	20.5	27	27	M16*1.5
12.5	HNR-S5-04PFM18	61.5	20.5	27	27	M18*1.5
12.5	HNR-S5-04PFM22	44	20.5	27	27	M22*1.5

Coupling Fitting 连接器装配



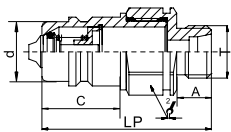
ISO	PART NO.	L	D	1	2	T
12.5	HNR-S5-04F3/8	105.5	38	27	27	BSP 3/8 NPT 3/8
12.5	HNR-S5-04F1/2	105.5	38	27	27	BSP 1/2 NPT 1/2
12.5	HNR-S5-04F3/4	105.5	38	34	34	BSP 3/4 NPT 3/4
12.5	HNR-S5-04FM14	105.5	38	27	27	M14*1.5
12.5	HNR-S5-04FM16	105.5	38	27	27	M16*1.5
12.5	HNR-S5-04FM18	105.5	38	27	27	M18*1.5
12.5	HNR-S5-04FM22	105.5	38	27	27	M22*1.5

Socket 母插座



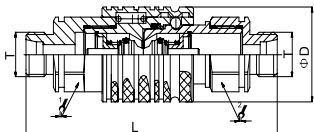
ISO	PART NO.	LS	D	1	A	T
12.5	HNR-S5-04SM8L	73.5	38	27	12	M14*1.5
12.5	HNR-S5-04SM10L	73.5	38	27	12	M16*1.5
12.5	HNR-S5-04SM12L	73.5	38	27	12	M18*1.5
12.5	HNR-S5-04SM15L	75.5	38	27	14	M22*1.5
12.5	HNR-S5-04SM18L	75.5	38	27	14	M26*1.5
12.5	HNR-S5-04SM10S	73.5	38	27	12	M18*1.5
12.5	HNR-S5-04SM12S	73.5	38	27	12	M20*1.5
12.5	HNR-S5-04SM14S	75.5	38	27	14	M22*1.5
12.5	HNR-S5-04SM16S	75.5	38	27	14	M24*1.6
12.5	HNR-S5-04SM20S	77.5	38	30	16	M30*2

Plug 公插头



ISO	PART NO.	LP	D	C	2	T
12.5	HNR-S5-04PM8L	58.5	20.5	27	27	M14*1.5
12.5	HNR-S5-04PM10L	58.5	20.5	27	27	M16*1.5
12.5	HNR-S5-04PM12L	58.5	20.5	27	27	M18*1.5
12.5	HNR-S5-04PM15L	60.5	20.5	27	27	M22*1.5
12.5	HNR-S5-04PM18L	60.5	20.5	27	27	M26*1.5
12.5	HNR-S5-04PM10S	58.5	20.5	27	27	M18*1.5
12.5	HNR-S5-04PM12S	58.5	20.5	27	27	M20*1.5
12.5	HNR-S5-04PM14S	60.5	20.5	27	27	M22*1.5
12.5	HNR-S5-04PM16S	60.5	20.5	27	27	M24*1.6
12.5	HNR-S5-04PM20S	62.5	20.5	27	27	M30*2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
12.5	HNR-S5-04-8L	109.5	38	27	27	M14*1.5
12.5	HNR-S5-04-10L	109.5	38	27	27	M16*1.5
12.5	HNR-S5-04-12L	109.5	38	27	27	M18*1.5
12.5	HNR-S5-04-15L	113.5	38	27	27	M22*1.5
12.5	HNR-S5-04-18L	113.5	38	27	27	M26*1.5
12.5	HNR-S5-04-10S	109.5	38	27	27	M18*1.5
12.5	HNR-S5-04-12S	109.5	38	27	27	M20*1.5
12.5	HNR-S5-04-14S	113.5	38	27	27	M22*1.5
12.5	HNR-S5-04-16S	113.5	38	27	27	M24*1.6
12.5	HNR-S5-04-20S	113.5	38	30	30	M30*2

Accessories 附件



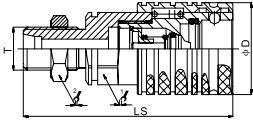
规格	公接头 (通用) 防尘套
1/2	S5 PDC-1/2MF

Accessories 附件



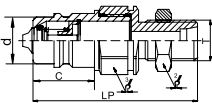
规格	母接头停驻站
1/2	S5 MDC-1/2M

Socket 母插座



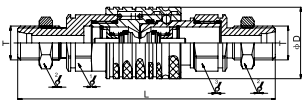
ISO	PART NO.	LS	D	1	2	T
12.5	HNR-S5C-04SM8L	87	38	27	19	M14*1.5
12.5	HNR-S5C-04SM10L	87	38	27	24	M16*1.5
12.5	HNR-S5C-04SM12L	87	38	27	24	M18*1.5
12.5	HNR-S5C-04SM15L	89	38	27	27	M22*1.5
12.5	HNR-S5C-04SM18L	89	38	27	30	M26*1.5
12.5	HNR-S5C-04SM10S	87	38	27	24	M18*1.5
12.5	HNR-S5C-04SM12S	87	38	27	27	M20*1.5
12.5	HNR-S5C-04SM14S	89	38	27	27	M22*1.5
12.5	HNR-S5C-04SM16S	89	38	27	30	M24*1.6
12.5	HNR-S5C-04SM20S	96	38	30	36	M30*2

Plug 公插头



ISO	PART NO.	LP	D	C	2	3	T
12.5	HNR-S5C-04PM8L	72	20.5	27	19	27	M14*1.5
12.5	HNR-S5C-04PM10L	72	20.5	27	24	27	M16*1.5
12.5	HNR-S5C-04PM12L	72	20.5	27	24	27	M18*1.5
12.5	HNR-S5C-04PM15L	74	20.5	27	27	27	M22*1.5
12.5	HNR-S5C-04PM18L	74	20.5	27	30	27	M26*1.5
12.5	HNR-S5C-04PM10S	72	20.5	27	24	27	M18*1.5
12.5	HNR-S5C-04PM12S	72	20.5	27	27	27	M20*1.5
12.5	HNR-S5C-04PM14S	74	20.5	27	27	27	M22*1.5
12.5	HNR-S5C-04PM16S	74	20.5	27	30	27	M24*1.6
12.5	HNR-S5C-04PM20S	81	20.5	27	36	30	M30*2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	1	2	T
12.5	HNR-S5C-04-8L	137.5	38	27	19	27	M14*1.5
12.5	HNR-S5C-04-10L	137.5	38	27	24	27	M16*1.5
12.5	HNR-S5C-04-12L	137.5	38	27	24	27	M18*1.5
12.5	HNR-S5C-04-15L	143.5	38	27	27	27	M22*1.5
12.5	HNR-S5C-04-18L	143.5	38	27	30	27	M26*1.5
12.5	HNR-S5C-04-10S	137.5	38	27	24	27	M18*1.5
12.5	HNR-S5C-04-12S	137.5	38	27	27	27	M20*1.5
12.5	HNR-S5C-04-14S	143.5	38	27	27	27	M22*1.5
12.5	HNR-S5C-04-16S	143.5	38	27	30	27	M24*1.6
12.5	HNR-S5C-04-20S	145.5	38	30	36	30	M30*2

HNR-S4

Meet ISO 5675 Standard

APPLICATION

• The S4 series is widely used in various industrial applications, primarily in construction equipment, forestry machinery, agricultural machinery, hydraulic tools, steel equipment, and other hydraulic systems.

FEATURES

- When the coupling is disconnected, the valve core automatically closes, preventing leakage
- Once connected, the valve core automatically opens, ensuring smooth fluid flow within the rated operating range.
- The valve uses hard chromium alloy steel balls. The steel balls are spring-loaded to securely hold them in place at the valve seat.
- The valve provides a metal-to-metal seal between the steel ball and the inner cone surface.
- Key components are induction-hardened for enhanced durability.
- A reliable ball-lock mechanism securely joins the two matching halves.
- The female socket and male plug are precision-machined from solid bar stock.
- This coupling complies with ISO 5675 standards.
- It is interchangeable with the following products: Parker (USA) 4000 series and Faster (Italy) NV/NS series.

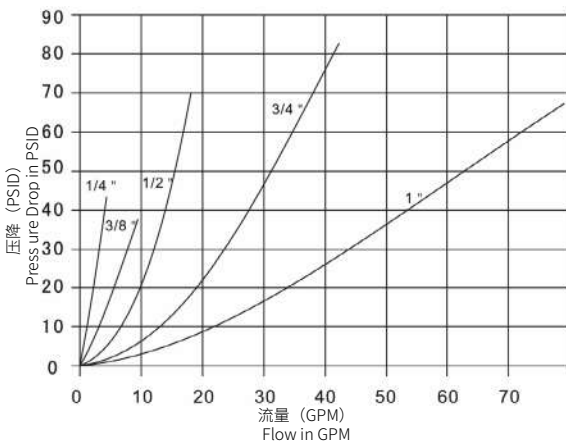
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: S4 (Product tested: S4 series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

• S4 系列广泛应用于各种工业用途, 主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

特征

- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀芯自动开启, 在额定工作范围内, 始终保持流体的畅通。
- 阀采用坚硬的铬合金钢球。钢球被弹簧加载以使牢固的固定在阀座处。
- 阀提供钢球与内锥面之间的金属对金属密封。
- 关键部件经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造。
- 本接头符合 ISO5675 标准。
- 并与下列产品互换: 美国派克 (PARKER)4000 系列、意大利快事达 (FASTER)NV/NS 系列。

FLOW DATA

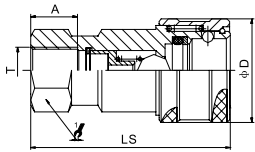
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	4000	6
1/2	4000	12
3/4	3000	28
1	3000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

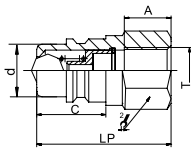
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



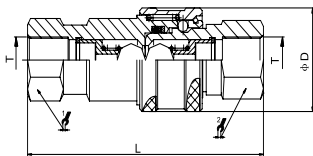
ISO	PART NO.	LS	D	1	A	T
6.3	HNR-S4-02SF	53.5	27.6	19	12.5	G 1/4 NPT 1/4
10	HNR-S4-03SF	63	34	24	13	G 3/8 NPT 3/8
12.5	HNR-S4-04SF	66.3	38.6	27	16	G 1/2 NPT 1/2
20	HNR-S4-06SF	82.5	48.2	34	19	G 3/4 NPT 3/4
20	HNR-S4-06SF(E)	83.5	47.5	35	18	G 3/4 NPT 3/4
25	HNR-S4-08SF	96.5	56	41	21	G 1 NPT 1

Plug 公插头



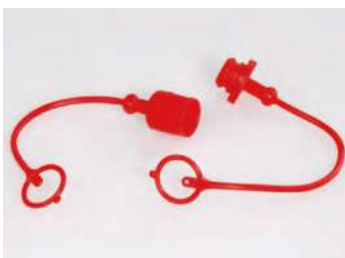
ISO	PART NO.	LP	D	C	2	A	T
6.3	HNR-S4-02PF	36	14.2	18.5	19	12.5	G 1/4 NPT 1/4
10	HNR-S4-03PF	40	19	22	24	13	G 3/8 NPT 3/8
12.5	HNR-S4-04PF	43.5	20.5	27	27	16	G 1/2 NPT 1/2
20	HNR-S4-06PF	53.5	28	32	34	19	G 3/4 NPT 3/4
20	HNR-S4-06PF(E)	51	26.9	28.5	33.3	18	G 3/4 NPT 3/4
25	HNR-S4-08PF	63	31.3	38	41	21	G 1 NPT 1

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
6.3	HNR-S4-02	72.2	27.6	19	19	G 1/4 NPT 1/4
10	HNR-S4-03	82.6	34	24	24	G 3/8 NPT 3/8
12.5	HNR-S4-04	87.8	38.6	27	27	G 1/2 NPT 1/2
20	HNR-S4-06	107.8	48.2	34	34	G 3/4 NPT 3/4
20	HNR-S4-06(E)	102	47.5	35	33.5	G 3/4 NPT 3/4
25	HNR-S4-08	126.8	56	41	41	G 1 NPT 1

Accessories 附件



规格	公接头防尘套	母堵头
1/4	S4 PDC-1/4M	S4 PDC-1/4F
3/8	S4 PDC-3/8M	S4 PDC-3/8F
1/2	S4 PDC-1/2M	S4 PDC-1/2F
3/4	S4 PDC-3/4M	S4 PDC-3/4F
1	S4 PDC-1M	S4 PDC-1F

HNR-PK

Meet ISO 5675 Standard

APPLICATION

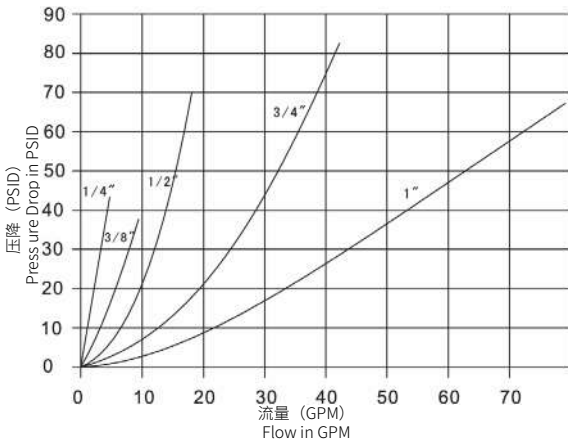
- The PK series is widely used in various industrial applications, including construction equipment, forestry machinery, agricultural machinery, hydraulic tools, steel equipment, and other hydraulic systems.

FEATURES

- When the coupling is disconnected, the valve core automatically closes to prevent leakage.
- Once connected, the valve automatically opens, ensuring smooth fluid flow within the rated operating range
- Key components are induction-hardened for enhanced durability.
- A reliable ball-lock mechanism securely joins the two matching halves.
- The female socket and male plug are precision-machined from solid bar stock.
- This coupling complies with ISO 5675 series standards.
- It is interchangeable with the following products: Parker (USA) 4000 series and Faster (Italy) NV/NS series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: PK (Product tested: PK series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- PK 系列广泛应用于各种工业用途, 用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用

特征

- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的畅通。
- 关键部件经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和公插座采用实心的棒料精密制造。
- 本接头符合 ISO5675 系列标准。
- 并与下列产品互换: 美国派克 (PARKER)4000 系列、意大利快事达 (FASTER)NV/NS 系列。

FLOW DATA

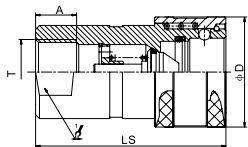
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	4000	6
1/2	4000	12
3/4	3000	28
1	3000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

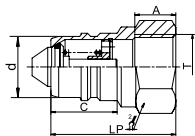
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



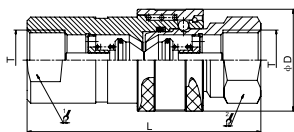
ISO	PART NO.	LS	D	1	A	T
6.3	HNR-PK-02SF	55.5	27.6	22.2	12.5	G 1/4 NPT 1/4
10	HNR-PK-03SF	60.5	34	24	13	G 3/8 NPT 3/8
12.5	HNR-PK-04SF	68	38	27	16	G 1/2 NPT 1/2
20	HNR-PK-06SF	83	47.5	35	18	G 3/4 NPT 3/4
20	HNR-PK-06SF(E)	82.5	48.2	34	19	G 3/4 NPT 3/4
25	HNR-PK-08SF	97.5	56.2	41	21	G 1 NPT 1

Plug 公插头



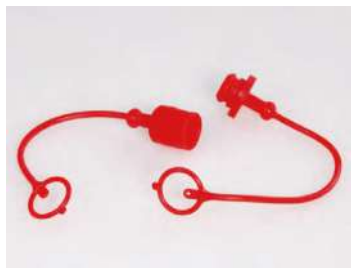
ISO	PART NO.	LP	D	C	2	A	T
6.3	HNR-PK-02PF	36	14.2	18.5	19	12.5	G 1/4 NPT 1/4
10	HNR-PK-03PF	40	19	22	24	13	G 3/8 NPT 3/8
12.5	HNR-PK-04PF	46	20.5	27	27	18	G 1/2 NPT 1/2
20	HNR-PK-06PF	51	26.9	33.3	33.3	18	G 3/4 NPT 3/4
20	HNR-PK-06SP(E)	53.5	28	34	34	19	G 3/4 NPT 3/4
25	HNR-PK-08PF	64	31.3	41	41	21	G 1 NPT 1

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
6.3	HNR-PK-02	72.2	27.6	22.2	19	G 1/4 NPT 1/4
10	HNR-PK-03	80.2	34	24	24	G 3/8 NPT 3/8
12.5	HNR-PK-04	92.3	38	27	27	G 1/2 NPT 1/2
20	HNR-PK-06	102.2	47.5	35	33.3	G 3/4 NPT 3/4
20	HNR-PK-06(E)	107.8	48.2	34	34	G 3/4 NPT 3/4
25	HNR-PK-08	128.8	56.2	41	41	G 1 NPT 1

Accessories 附件



规格	公接头防尘套	母堵头
1/4	PK PDC-1/4M	PK PDC-1/4F
3/8	PK PDC-3/8M	PK PDC-3/8F
1/2	PK PDC-1/2M	PK PDC-1/2F
3/4	PK PDC-3/4M	PK PDC-3/4F
1	PK PDC-1M	PK PDC-1F

HNR-FF

Meet ISO 16028 Standard

APPLICATION

- The HAINAR FF series couplings are widely used in the following public utilities: Hydraulic oil leaks can pose serious safety risks, especially for overhead bucket cranes used in high-pressure power line maintenance.
- These couplings are also used for quick switching of hydraulic tools in construction, railway maintenance, and mining, where their easy cleaning properties make them ideal for

FEATURES

- The design of the new valve can withstand the impact of high-speed fluid and pulsating pressure, offering enhanced performance.
- The sleeve locking mechanism engages by rotating the sleeve after connection. During use, the lock mechanism prevents accidental disconnection when the joint is dragged along the ground.
- The locking mechanism is designed to prevent debris from entering the internal mechanism, thereby avoiding malfunction during connection or disconnection. The sleeve covers the retaining ring and includes a dust seal in the spring area. Hardened male plugs and sleeves, along with a solid bar structure, create high-quality female couplings that maximize resistance to hydraulic and mechanical impact-induced erosion and damage.
- This anti-burst BFT seal is designed to prevent rupture or damage under hazardous working conditions. The durable ball lock mechanism ensures reliable connection every time. Multiple locking steel balls evenly distribute the load, providing alignment and rotational motion to reduce hose twisting and extend hose life.
- FF series couplings operate using a flush valve mechanism during connection and disconnection. This means the engagement between valves allows minimal fluid loss during disconnection or minimal air ingress during reconnection.
- A new environmentally friendly zinc plating process is used to provide superior rust resistance. FF couplings comply with ISO 16028 standards. They are interchangeable with the following products:
 - PARKER FEM series (USA)
 - STUCCHI FIRg series (Italy)
 - AEROQUIP FD89 series (USA)
 - HANSEN FF series (USA).
- Warning: These products are not suitable for use as rotating male couplings. Rotation under pressure will lead to excessive and premature wear.



应用

- 海诺 FF 系列接头广泛用于以下公用设施：液压油泄漏会构成严重的安全险情，尤其对用于高压电源输送线维护的架空斗式起重机。
- 这类接头还用于建筑、铁路维护及矿业中的液压机具之快速切换，易于清理使之能理想地用于这类特殊环境。

特征

- 新型阀的设计，能抵抗高速流体与脉冲压力的冲击，提供更高的性能。
- 套筒锁紧机构通过连接后旋转套筒而啮合。在使用期间沿地面拖动接头时，套锁机构能防止意外断开。
- 套锁机构的设计有助于防止杂物进入内部机构从而在连接或断开时引起误操作。套筒覆盖挡圈并且在弹簧区域包含了防尘密封件淬火处理的公插头和套筒以及实心棒状结构造就优质阴接头，能最大限度的抵抗由于液压和机械冲击所造成的剥蚀及损坏。这种抗爆裂 BFT 密封圈设计用于防止在危险工作状况下出现爆裂或损坏。
- 耐用球锁机械保证每次都能可靠连接。数个锁定钢球均匀分配工作负载，同时提供对准及旋转动作从而减小软管扭曲并延长软管使用期。
- FF 系列接头在连接及断开时使用平齐阀机构操作。这意味着阀之间的接合能使断开时只损失少量流体，或在重新连接时只混入少量空气。
- 采用新工艺环保镀锌，提供更高的防锈性能。
- FF 接头符合 ISO16028 标准。
- 并与下列产品互换：美国派克 (PARKER)FEM 系列
- 意大利意图奇 (STUCCHI)FIRg 系列
- 美国爱力克 (AEROQUIP) FD89 系列
- 美国汉森 (HANSEN)FF 系列。
- * 警告：这类产品不能用作旋转阳接头，在压力下旋转会导致过度和过早磨损。

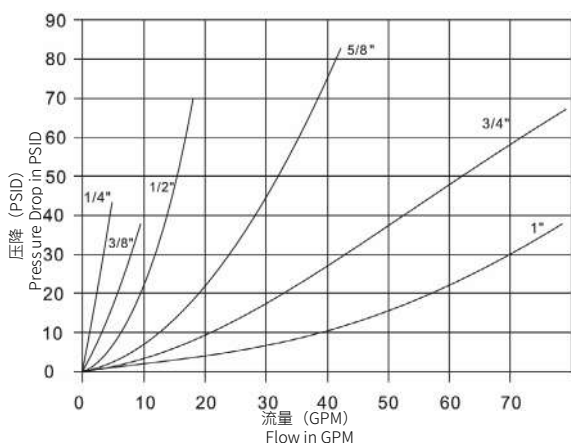
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: FF (Product tested: FF series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



FLOW DATA

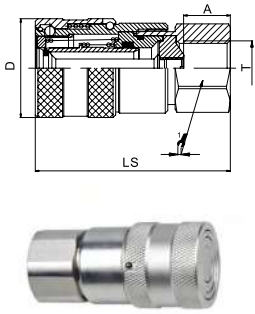
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4(02)	5000	3
3/8(03)	5000	6
1/2(04)	5000	12
5/7(06)	5000	20
3/4(08)	5000	28
1 (10)	5000	50
1-1/2 (12)	3000	80
2 (16)	3000	100

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

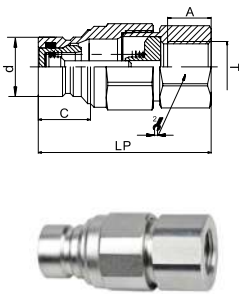
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



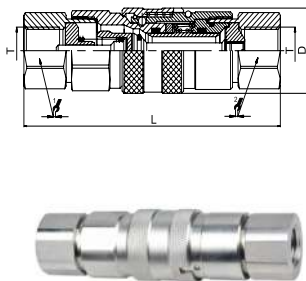
ISO	PART NO.	LS	D	1	A	T
6.3	HNR-FF-02SF	58.2	28	S20 六角	14	G 1/4 NPT 1/4
10	HNR-FF-03SF	68.2	32	S24 六角	14	G 3/8 NPT 3/8
10	HNR-FF-03SF	72.2	32	S27 六角	18	G 1/2 NPT 1/2
12.5	HNR-FF-04SF	75	38	S32 六角	18	G 1/2 NPT 1/2
12.5	HNR-FF-04SF	79	38	S36 六角	22	G 3/4 NPT 3/4
16	HNR-FF-06SF	80	42	S36 六角	22	G 3/4 NPT 3/4
19	HNR-FF-08SF	99.8	48	S41 六角	22	G 3/4 NPT 3/4
19	HNR-FF-08SF	99.8	48	S41 六角	23.5	G 1 NPT 1
25	HNR-FF-10SF	111.5	56	S55 六角	24	G 1-1/4 NPT 1-1/4
-	HNR-FF-12SF	150	79.5	S65 六角	30	G 1-1/2 NPT 1-1/2
-	HNR-FF-16SF	167	98.5	S85 六角	31	G 2 NPT 2

Plug 公插头



ISO	PART NO.	LP	D	C	2	A	T
6.3	HNR-FF-02PF	49.2	16.1	15.2	S20 六角	14	G 1/4 NPT 1/4
10	HNR-FF-03PF	55.8	19.7	19.5	S24 六角	14	G 3/8 NPT 3/8
10	HNR-FF-03PF	59.8	19.7	19.5	S27 六角	18	G 1/2 NPT 1/2
12.5	HNR-FF-04PF	72	24.5	21.6	S32 六角	18	G 1/2 NPT 1/2
12.5	HNR-FF-04PF	76	24.5	21.6	S36 六角	22	G 3/4 NPT 3/4
16	HNR-FF-06PF	75.5	27	21.6	S36 六角	22	G 3/4 NPT 3/4
19	HNR-FF-08PF	93.8	30	29	S41 六角	22	G 3/4 NPT 3/4
19	HNR-FF-08PF	93.8	30	29	S41 六角	23.5	G 1 NPT 1
25	HNR-FF-10PF	90	36	34	S55 六角	24	G 1-1/4 NPT 1-1/4
-	HNR-FF-12PF	112	57	38	S65 六角	30	G 1-1/2 NPT 1-1/2
-	HNR-FF-16PF	123.9	73	40.5	S75 六角	31	G 2 NPT 2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	T
6.3	HNR-FF-02	96.2	28	S20 六角	S20 六角	G 1/4 NPT 1/4
10	HNR-FF-03	108.4	32	S24 六角	S24 六角	G 3/8 NPT 3/8
10	HNR-FF-03	116.4	32	S27 六角	S27 六角	G 1/2 NPT 1/2
12.5	HNR-FF-04	129.3	38	S32 六角	S32 六角	G 1/2 NPT 1/2
12.5	HNR-FF-04	137.3	38	S36 六角	S36 六角	G 3/4 NPT 3/4
16	HNR-FF-06	138	42	S36 六角	S36 六角	G 3/4 NPT 3/4
19	HNR-FF-08	172.1	48	S41 六角	S41 六角	G 3/4 NPT 3/4
19	HNR-FF-08	172.1	48	S41 六角	S41 六角	G 1 NPT 1
25	HNR-FF-10	178	56	S55 六角	S55 六角	G 1-1/4 NPT 1-1/4
-	HNR-FF-12	233.4	79.5	S65 六角	S65 六角	G 1-1/2 NPT 1-1/2
-	HNR-FF-16	251.7	98.5	S85 六角	S75 六角	G 2 NPT 2

Accessories 附件



规格	公接头防尘套	母堵头
1/4 (02)	HNR-FF-PDC-1/4M	HNR-FF-PDC-1/4F
3/8 (03)	HNR-FF-PDC-3/8M	HNR-FF-PDC-3/8F
1/2 (04)	HNR-FF-PDC-1/2M	HNR-FF-PDC-1/2F
5/8 (06)	HNR-FF-PDC-5/8M	HNR-FF-PDC-5/8F
3/4 (08)	HNR-FF-PDC-3/4M	HNR-FF-PDC-3/4F
1 (10)	HNR-FF-PDC-1M	HNR-FF-PDC-1F

HNR-VEP

Flat Face series

APPLICATION

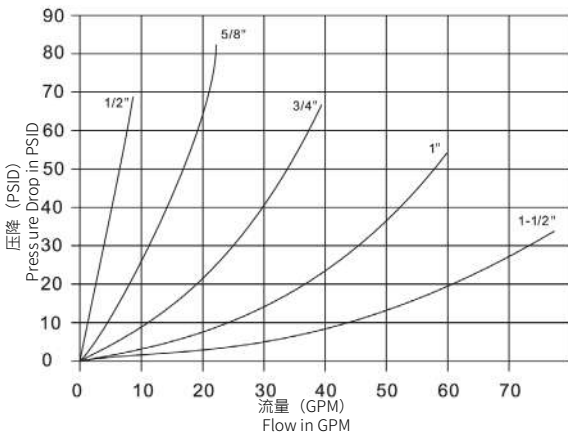
The VEP series couplings are widely used in mobile engineering equipment, hydraulic tools, vehicles, and other public utilities.

FEATURES

- The new valve design can withstand the impact of high-speed fluids and pulse pressure, providing higher performance.
- The male coupling is designed for pressurized operation, allowing for pressurized connections even when there is residual high pressure inside.
- The VEP series female coupling uses a threaded sleeve locking structure, which pairs with the corresponding external threads on the male plug. During connection, the male and female parts must be manually joined together using the threads.
- A new environmentally friendly galvanized coating provides enhanced rust resistance.
- The VEP series couplings operate with a flush valve mechanism during connection and disconnection.
- This means the connection minimizes fluid loss during disconnection or introduces only a small amount of air when reconnecting.
- The explosion-resistant BFT seal is designed to prevent rupture or damage under hazardous working conditions. Made from solid steel bar stock, the couplings offer excellent durability.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: VEP (Product tested: VEP series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

VEP 系列接头广泛应用于移动式工程设备, 液压工具, 车辆等公用设施。

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 公头设计带压操作, 使其在内部残存高压下也能实现带压连接。
- VEP 系列阴接头上采用螺纹套筒锁定结构, 与公插头上的相应的外螺纹配套使用。连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 采用新型环保镀锌, 提供更高的防锈性能。
- VEP 系列接头在连接及断开时使用平齐阀机构操作。这意味着阀之间的接合能使断开时只损失少量流体, 或再重新连接使之混入少量空气。
- 抗爆裂 BFT 密封圈设计用于防止在危险工作状态下出现爆裂或损坏。
- 采用实心钢棒料加工制造, 所以耐用性好。

FLOW DATA

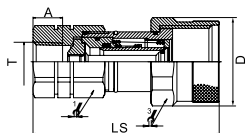
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/2(04)	7000	12
5/8(06)	7000	28
3/4(08)	7000	50
1(10)	6000	88
1-1/2(12)	5000	152

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

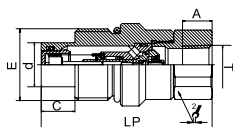
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



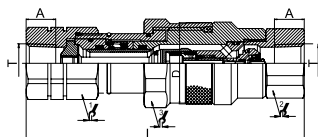
ISO	PART NO.	LS	D	1	2	A	T
13	HNR-VEP-04SF	103.5	Φ49	S36 六角	S46 六角	16.5	G 1/2 NPT 1/2
16	HNR-VEP-06SF	114	Φ53.7	S41 六角	S50 六角	20	G 3/4 NPT 3/4
19	HNR-VEP-08SF	133.5	Φ58.8	S46 六角	S55 六角	21	G 1 NPT 1
25	HNR-VEP-10SF	145.2	Φ68.7	S55 六角	S65 六角	21	G 1-1/4 NPT 1-1/4
31.5	HNR-VEP-12SF	187.5	Φ92	S65 六角	S85 六角	21	G 1-1/2 NPT 1-1/2

Plug 公插头



ISO	PART NO.	LS	C	d	E	2	A	T
13	HNR-VEP-04PF	95	18.8	24.54	M40*3	S36 六角	16.5	G 1/2 NPT 1/2
16	HNR-VEP-06PF	98.8	19.5	27.04	M45*3	S36 六角	20	G 3/4 NPT 3/4
19	HNR-VEP-08PF	113.9	24	29.95	M50*3	S46 六角	21	G 1 NPT 1
25	HNR-VEP-10PF	123.5	24.8	36.05	M58*3	S55 六角	21	G 1-1/4 NPT 1-1/4
31.5	HNR-VEP-12PF	150	31.5	57	Tr80*4	S65 六角	21	G 1-1/2 NPT 1-1/2

Coupling Fitting 连接器装配



ISO	PART NO.	L	D	1	2	3	T
13	HNR-VEP-04	154.5	Φ49	S36 六角	S46 六角	S36 六角	G 1/2 NPT 1/2
16	HNR-VEP-06	164.3	Φ53.7	S41 六角	S50 六角	S36 六角	G 3/4 NPT 3/4
19	HNR-VEP-08	189.4	Φ58.8	S46 六角	S55 六角	S46 六角	G 1 NPT 1
25	HNR-VEP-10	207.2	Φ68.7	S55 六角	S65 六角	S55 六角	G 1-1/4 NPT 1-1/4
31.5	HNR-VEP-12	263.5	Φ92	S65 六角	S85 六角	S65 六角	G 1-1/2 NPT 1-1/2

Accessories 附件



规格	公接头防尘套	母堵头
1/2(04)	VEP MDC-1/2M	VEP MDC-1/2F
5/8(06)	VEP MDC-5/8M	VEP MDC-5/8F
3/4(08)	VEPMDC-3/4M	VEP MDC-3/4F
1(10)	VEPMDC-1M	VEP MDC-1F
1-1/2(12)	VEP MDC-1-1/2M	VEP MDC-1-1/2F

HNR-PTR

Flat Face series

APPLICATION

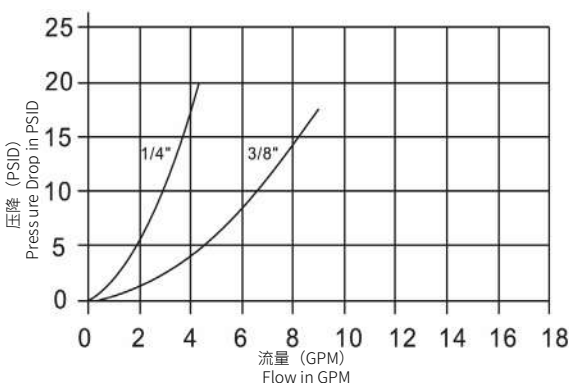
- The HAINAR PTR series couplings are widely used in the following public utilities: Hydraulic oil leaks pose serious safety risks, especially for overhead bucket cranes used in high-pressure power line maintenance.
- These couplings are also used for quick switching of hydraulic tools in construction, railway maintenance, and mining, where their easy-to-clean design makes them ideal for such.

FEATURES

- The sleeve locking mechanism engages by rotating the sleeve after connection. During use, when the coupling is dragged along the ground, the lock mechanism prevents accidental disconnection.
- The design of the lock mechanism helps prevent debris from entering the internal mechanism, thus avoiding misoperation during connection or disconnection. The sleeve covers the retaining ring and includes dust seals in the spring area.
- The quenched male plug and sleeve, along with the solid bar stock structure, create high-quality female couplings that can resist erosion and damage caused by hydraulic and mechanical impacts to the maximum extent. The explosion-resistant BFT seal is designed to prevent rupture or damage under hazardous working conditions.
- The durable ball-lock mechanism ensures reliable connections each time. Multiple locking steel balls evenly distribute the working load while providing alignment and rotational movement, reducing hose twisting and extending the hose's service life.
- Warning: These products are not intended to be used as rotating male couplings. Rotating under pressure can cause excessive and premature wear.
- The PTR series couplings operate with a flush valve mechanism during connection and disconnection.
- This means the connection minimizes fluid loss during disconnection or introduces only a small amount of air when reconnecting.
- They are interchangeable with the Nitto (NITTO) 350 series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 测试系列: PTR 系列 (Product tested: PTR series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- 海纳 PTR 系列接头广泛用于以下公用设施: 液压油泄漏会构成严重的安全险情, 尤其对用于高压电源输送线维护的架空斗式起重机。
- 这类接头还用于建筑、铁路维护及矿业中的液压机具之快速切换, 易于清理使之能理想地用于这类特殊环境。

特征

- 套筒锁紧机构通过连接后旋转套筒而啮合。在使用期间沿地面拖动接头时, 套锁机构能防止意外断开。
- 套锁机构的设计有助于防止杂物进入内部机构从而在连接或断开时引起误操作。套筒覆盖挡圈并且在弹簧区域包含了防尘密封件。
- 淬火处理的公插头和套筒以及实心棒状结构造就优质阴接头, 能最大限度的抵抗由于液压和机械冲击所造成的剥蚀及损坏。
- 这种抗爆裂 BFT 密封圈设计用于防止在危险工作状况下出现爆裂或损坏。
- 耐用球锁机械保证每次都能可靠连接。数个锁定钢球均匀分配工作负载, 同时提供对准及旋转动作从而减小软管扭曲并延长软管使用期。警告: 这类产品不能用作旋转阳接头, 在压力下旋转会导致过度和过早磨损。
- PTR 系列接头在连接及断开时使用平齐阀机构操作。这意味着阀之间的接合能使断开时只损失少量流体, 或在重新连接时只混入少量空气。
- 并与日东 (NITTO)350 系列互换。

FLOW DATA

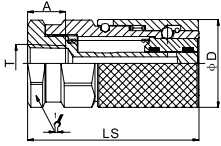
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	5000	6

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

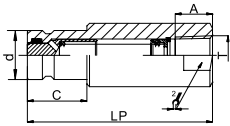
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



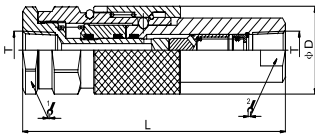
PART NO.	LS	ΦD	1	A	T
HNR-PTR-02SF	59.3	30.4	27	14	ZG 1/4 NPT 1/4
HNR-PTR-03SF	71.1	31.5	30	16	ZG 3/8 NPT 3/8

Plug 公插头



PART NO.	LP	C	2	A	T
HNR-PTR-02PF	64	20.5	19	14	ZG 1/4 NPT 1/4
HNR-PTR-03PF	71	25.5	24	16	ZG 3/8 NPT 3/8

Coupling Fitting 连接器装配



PART NO.	L	ΦD	1	2	T
HNR-PTR-02	105.3	30.4	27	19	ZG 1/4 NPT 1/4
HNR-PTR-03	122.2	31.5	30	24	ZG 3/8 NPT 3/8

HNR-PD

Flat Face series

APPLICATION

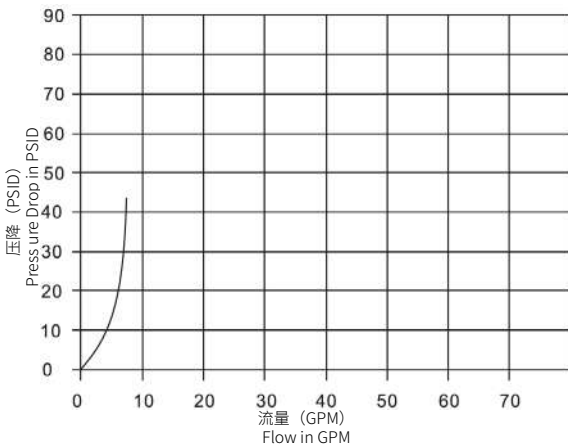
- The PD series couplings are widely used in hydraulic systems and pipeline pressure measurement points.

FEATURES

- The flat valve design reduces fluid loss during operation. When the coupling is disconnected, the valve core automatically closes to prevent leakage. Once connected, the valve automatically opens, ensuring smooth fluid flow within the rated operating range. Key components are induction-hardened for enhanced durability. A reliable ball-lock mechanism securely joins the two matching halves. The female socket and male plug are precision-machined from solid bar stock. This coupling complies with ISO 7241-A standards. It is interchangeable with the following products:
Parker (USA) PD series
Faster (Italy) DF series
Aeroquip (USA) FD90 series

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
产品系列: PD (Product tested: PD series)
1GPM = 3.78L/Min
1PSID = 0.0069Mpa



应用

- PD 系列接头广泛应用于液压系统及管路测压点。

特征

- 平面阀设计, 减少操作时流体损失。
- 接头断开时, 阀芯自动闭合, 防止泄露。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的通畅。
- 关键部位经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和插头采用实心的棒料精密制造。
- 本接头符合 ISO 7241-A 标准
- 并与下列产品互换:
• 美国派克 (PARKER) PD 系列
• 意大利快事达 (FASTER) DF 系列
• 美国爱力克 (AEROQUIP) FD90 系列

FLOW DATA

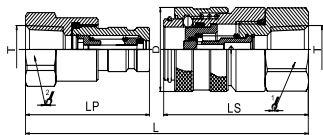
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	6000	0.53

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C/-65° C to +300° F
FKM	-29° C to +204° C/-15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO	T	D	1	2	L	LS	LP
HNR-PD	NPT 1/8	24	S21 六角	S19 六角	78.5	50	42.8
HNR-PD	NPT 1/4	24	S21 六角	S19 六角	78.5	50	42.8

Accessories 附件



规格	公接头防尘套
HNR-PD	PD PDC-1/8M

HNR-FFY

Meet ISO 16028 standard

APPLICATION

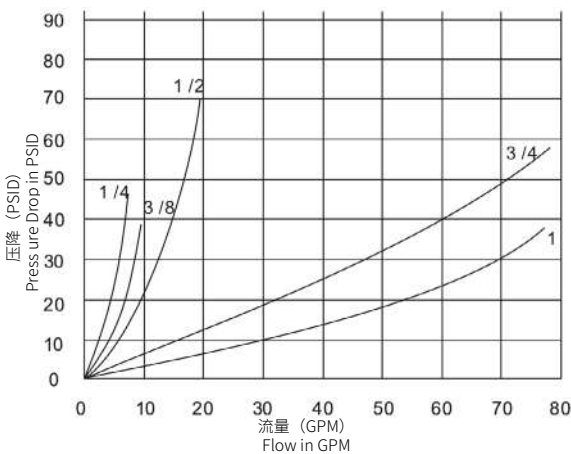
The PD series couplings are widely used in mobile engineering equipment (excavators), vehicles, hydraulic equipment, and drilling rigs.

FEATURES

The new valve design can withstand the impact of high-speed fluids and pulse pressure, providing higher performance. Made from solid steel bar stock, the couplings offer excellent durability. The unique three-valve design system allows for connection even under residual internal pressure. Featuring a new environmentally friendly zinc-nickel alloy, the couplings offer enhanced rust resistance. They are interchangeable with products that comply with ISO 16028 standards.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: FFY (Product tested: FFY series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

移动式工程设备 (挖掘机)、车辆、液压设备、钻机。

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 采用实心钢棒料加工制造, 所以耐用性好
- 独特的三阀设计系统, 使其内部残存压力下能够连接。
- 采用新型环保锌镍合金, 提供更高的防锈性能。
- 并于下列产品互换 :ISO16028 标准。

FLOW DATA

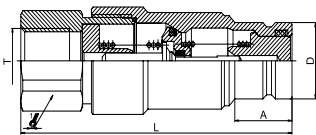
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4(02)	5000	3
3/8(03)	4350	6
1/2(04)	4350	12
3/4(08)	3625	50
1(10)	3000	80

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO	T	D	A	1	L
HNR-FFY-02PF	G 1/4	Φ16.17	11.8	S20 六角	76.7
HNR-FFY-03PF	G 3/8	Φ19.75	16.5	S24 六角	78.1
HNR-FFY-04PF	G 1/2	Φ24.54	17.8	S32 六角	95.8
HNR-FFY-08PF	G 1	Φ29.95	23.5	S46 八边	113.9
HNR-FFY-10PF	G 1-1/4	Φ36.05	23.4	S55 六角	123.7

HNR-HDB

Meet ISO 16028 Standard Fittings

使用方法

- 对接前清理对接平面，以免污物带入液压回路。
- 泄压：拉动拉杆，释放快速接头压力；

警示

- 以下情形不能泄压：
- 当辅具不是静止位置
- 在辅具处在工作状态下(泄压会导致辅具危险地意外移动)
- 母接头不要单独使用在高频率脉冲压力下
- 不要在回路中有液压油流动和 / 或动态压力的情形下对接—拆断；只允许在有残余压力下进行对接—拆断
- 不要在回路中液压油温度高于 80°C (176 °F) 的情形下对接—拆断快速接头不对接时，建议使用防尘帽液压系统中应限制污染物进入以免破坏内部阀的功能。

使用方法

- Pre-connection cleaning: Clean the coupling face before connection to prevent contaminants from entering the hydraulic circuit.
- Pressure relief: Pull the pull rod to release pressure from the quick coupling before connection.

警示

- The following conditions should not be used for pressure relief:

When the auxiliary tool is not in a stationary position. When the auxiliary tool is in an active state (pressure relief may cause the tool to move unexpectedly and dangerously).

The female coupling should not be used alone under high-frequency pulse pressure.

Do not connect or disconnect under the following conditions:

When there is hydraulic oil flow or dynamic pressure in the circuit—only connect or disconnect under residual pressure. Do not connect or disconnect the quick coupling when the hydraulic oil temperature in the circuit exceeds 80° C (176° F).

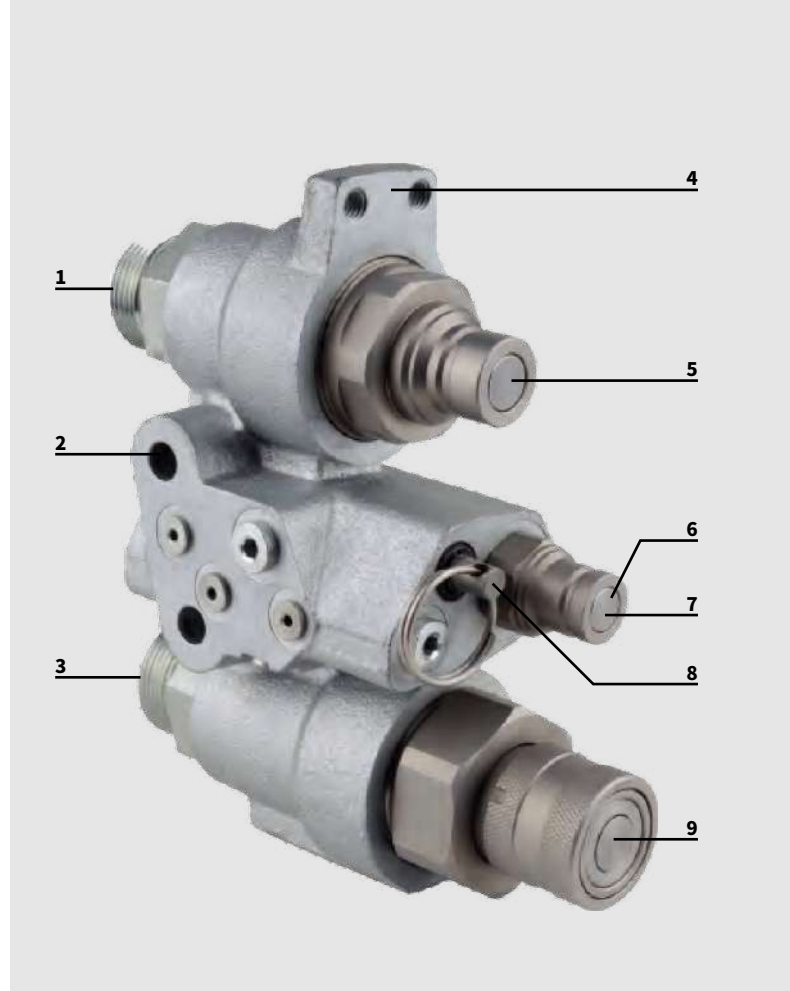
When the quick coupling is not connected, it is recommended to use a dust cap.

To prevent contamination and preserve the internal valve's functionality, the hydraulic system should be kept free of contaminants.

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

对接—拆断的最大残存压力为：3625(Psi).
Connect--Disconnect max. residual pressure: 3625(Psi).



编号 Numbering	功能 Function
1	压力管路 Pressure line
2	固定螺纹孔 Holes for fixing screws
3	压力管路 Pressure line
4	安装支架 Mounting bracket
5	模块化设计的平面快速接头 Flat face couplings in modular design
6	回油管路 Drain line
7	模块化设计的平面快速接头 Flat face couplings in modular design
8	释放残压的拉杆 Lever for releasing the residual pressure
9	模块化设计的平面快速接头 Flat face couplings in modular design

FLOW DATA

规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/2 (04)	4350	12
3/4 (08)	4350	28

主要应用

- 滑动装载机 Skid Steer
- 挖掘机 Excavator
- 移动工程机械设备 Mobile construction equipment
- HDB 模块阀系列是为满足现代移动设备的实际需要而开发的最新产品，通过“海纳”在液压连接领域多年的经验而总结出的应对复杂问题的解决方案。根据市场的反应和主要 OEM 客户的合作设计此款产品。模块阀有释放残压系统，允许在带残压情况下对接和拆断，公母接头都允许带残压。
- 配备符合 ISO16028 互换性的平面式快速接头，模块阀拥有模块化结构和可变性设计，可提供尺寸为：1/2(04),3/4(08)。

主要应用

- HDB Modular valve series is the latest Songqiao innovation designed to meet the requirements of the mobile equipment market.
- Designed with the feedback from the market and with the major OEM collaboration, it has a residual pressure relief system which allows an operator to connect and disconnect the two circuit lines with residual pressure, both in the male and in the female.
- HDB modular valve series is equipped with ISO 16028 interchangeable flat face couplings, has a modular design for multiple port options, and allows for a wide range of coupler sizes: 1 / 2 (04), 3 / 4(08)

技术性能与选项

- 快速接头的互换性：配备 ISO16028 快速接头，提供不同尺寸及规格
- 快速接头类型：平面密封
- 锁紧机构：钢珠锁紧
- 对接系统：推入式连接
- 拆断系统：拉下母接头外套
- 带压对接：用拉杆泄压之后对接
- 带压拆断：用拉杆泄压之后拆断
- 密封材料：标准 NBR（丁腈橡胶）
- 防挤出挡圈：PTFE（聚四氟乙烯）

Benefits

- Interchangeability of Quick Connectors: Equipped with ISO16028 quick connectors, offering various sizes and specifications.
- Quick Connector Type: Flat face sealing.
- Locking Mechanism: Steel ball locking.
- Coupling System: Push-in connection.
- Uncoupling System: Pull-down outer sleeve of the female connector.
- Pressurized Coupling: Coupling after relieving pressure using a pull rod.
- Pressurized Uncoupling: Uncoupling after relieving pressure using a pull rod.
- Sealing Material: Standard NBR (Nitrile Rubber).
- Anti-extrusion Ring: PTFE (Polytetrafluoroethylene).

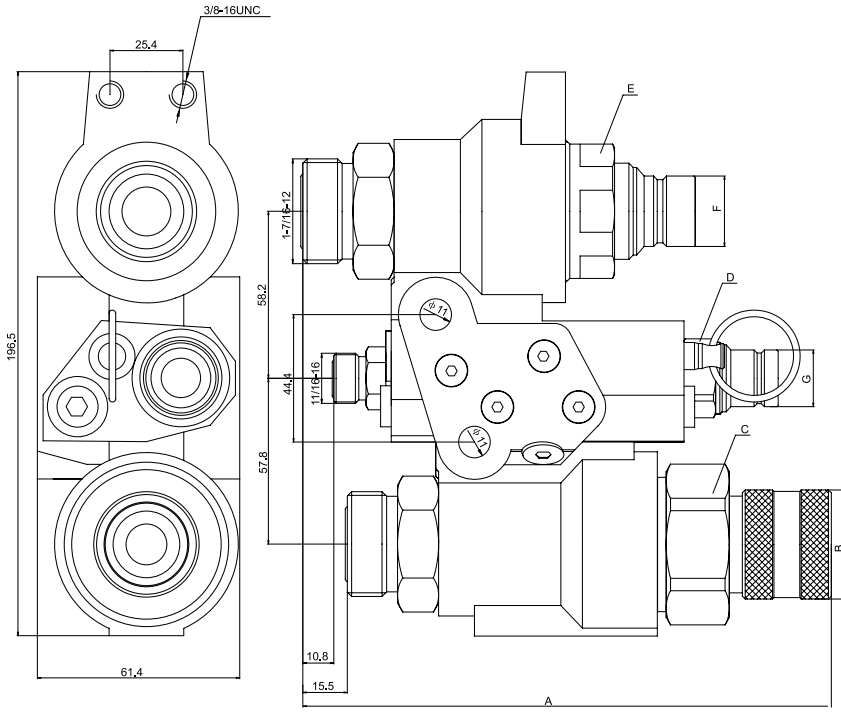


优势

- 操作简便的泄压系统，可以在带有残存压力的情形下轻松对接或拆断。
- 在对接或拆断之前，先要泄掉残压。对接或拆断时已经没有压力，安全，不费力，以减少受伤的风险。
- 平面容易清洁，帮助减少杂物进入液压回路的污染。
- 对接或拆断时液压油损失极少，减少对环境污染。
- 对接或拆断时带入空气极少，增强液压系统功能。
- 拥有专利的内部阀门设计，压降小，保持回路效率。
- 良好的脉冲耐受压。
- 紧凑精巧灵活（允许使用不同规格的快速接头）
- 使用安全简单

TECHNICAL FEATURES AND OPTIONS

- A user-friendly pressure relief system allows easy coupling or uncoupling even with residual pressure present.
- Before coupling or uncoupling, the residual pressure must be relieved. With no pressure during coupling or uncoupling, the process is safe, effortless, and minimizes the risk of injury.
- The flat surface is easy to clean, helping to reduce contamination from debris entering the hydraulic circuit.
- There is minimal hydraulic oil loss during coupling or uncoupling, reducing environmental pollution.
- Only a small amount of air is introduced during coupling or uncoupling, enhancing the hydraulic system's functionality.
- The patented internal valve design results in low pressure drop, maintaining circuit efficiency.
- Good resistance to pressure pulses.
- Compact, precise, and flexible (allowing use of different sizes of quick connectors).
- Safe and simple to use.



ISO	PART NO.	A	B	C	D	E	F	G
12.5	HNR-HDB-04	184	S44.45	S50.8	S25.4	Φ38	Φ24.54	Φ19.75
19	HNR-HDB-08	188	S44.45	S50.8	S25.4	Φ48	Φ29.95	Φ19.75

HNR-DL/DLD

Flat Face series

特征

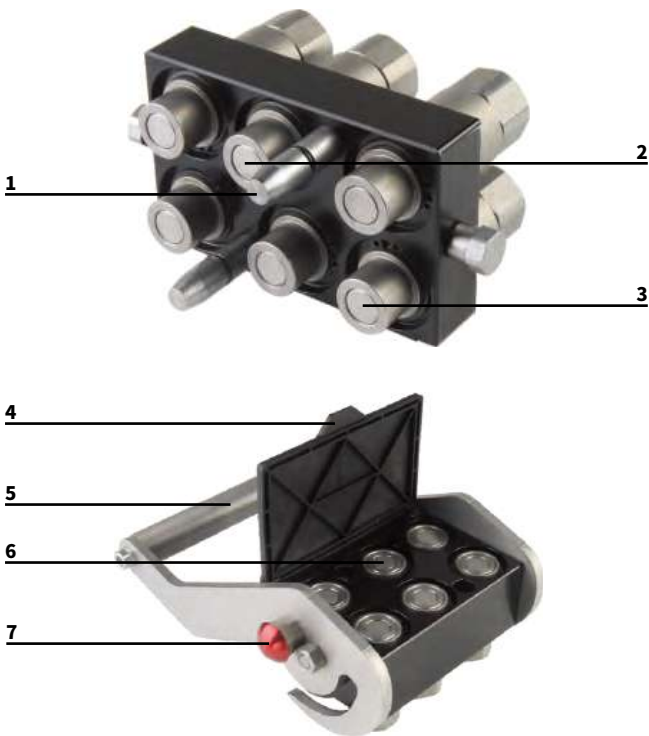
• DL/DLD 系列是结构紧凑的手动式多路快速接头组合板，提供了需要几路液压回路同时拆断或连接的广泛解决方案。最多可用 6 路快速接头安全地同时拆断或对接，动作简单，快捷高效。根据应用需要，各路尺寸可相同或不同。

主要应用

- 农业设备
- 移动式工程设备
- 车辆
- 工业设备

技术性能与选项

- 互换性标准：内部标准
- 机械连接：内部凸轮和锁销
- 对接系统：旋转拉杆
- 拆断系统：旋转拉杆
- 材质和表面处理：安装板 - 铝合金氧化；凸轮和锁销 - 经特殊热处理的碳钢；其他组件 - 碳钢镀锌或镀锌镍处理



FEATURES

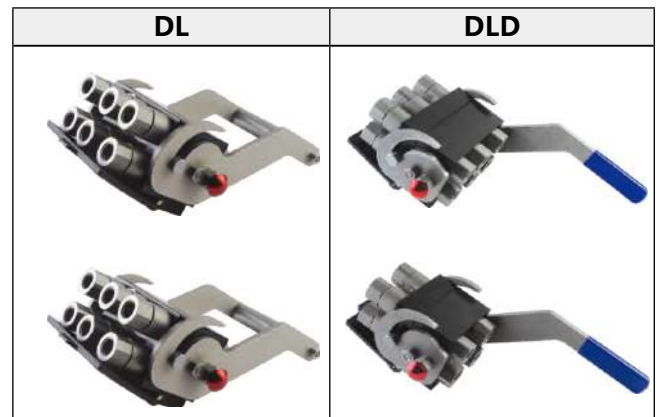
- DL/DLD have a compact structure, manual multi-couplings that offer a wide range of solutions for any application requiring connection and disconnection of several hydraulic. Up to 6 lines can be simultaneously connected and disconnected by a safe, simple and quick movement requiring low effort. The lines can all have the same size or each line can be different from the others according to the application.

MAIN APPLICATIONS

- Agricultural equipment
- Mobile construction equipment
- Vehicles
- Industrial equipment

TECHNICAL FEATURES AND OPT

- Interchangeability: Songqiao internal Standard
- Mechanical connection: Internal cams and locking pins
- Connection system: Rotating the lever
- Disconnection system: Rotating the lever
- Construction material and surface treatment: Body plates in aluminum alloy oxidation Cams and pins in high resistance carbon steel with special heat treatment.
- Others components in carbon steel with zinc plating or zinc nickel treatment.



编号 Numbering	功能 Function
1	导向 / 锁销：避免错误的安装 Guidance/locking pins eliminate risk of incorrect connections of the lines
2	公端设计三阀系统，可带压操作 Three valves design system at male end, it can connect under residual pressure.
3	平面密封 Flat Seal
4	防尘盖板 Dust Cover
5	符合人体工程学的手柄，即使是在断开后管路中存在高残余压力的情况下也可方便连接。 Ergonomic lever for easy connection / disconnection even with high residual pressure in the circuit
6	平面密封 Flat Seal
7	安全锁系统避免了意外断开 Safety lock system avoids accidental disconnection

对接

- 在对接之前应当清洁连接面，以避免灰尘杂质污染管路。
- 对接时将移动部分的定位销插入固定部分的定位孔(图1)。
- 操作手柄转动杆向下(图2)。
- 继续旋转直到安全锁自动锁定连接(图3)。
- 现在组合板处于连接即准备工作状态。
- 如果对接时管路里存在残存压力，仅在对接时手柄行程的最后三分之一需要最大对接力。

TO CONNECT

- Before to couple clean the flat mating surface of the couplings to avoid the inclusion of dirty in the circuit.
 - Insert the guidance pins of the mobile multicoupling in the holes of the fixed multicoupling and move themobile half till the contact of the couplings faces (fig. 1).
 - Acting on the handle turn the lever in the direction of the fixed multicoupling (fig. 2).
 - Continue to rotate till the safety lock automatically engage itself (fig. 3).
 - Now the multicoupling is coupled and ready to work.
- In case of connection with residual pressure in the circuit ,the maximum force is required only for the last third of the connection.

拆断

- 按下红色安全按钮，同时向上提起手柄(图4)。
- 继续旋转直到机械停止的位置(图5)。
- 现在组合板是分开状态，移动部分可以拿开(图6)。
- 当固定部分在上，移动部分在下，即颠倒安装时，移动部分应有保护装置，避免它掉下来造成损害。
- 如果拆断时管路里存在残余压力，仅在拆断时手柄行程的最初三分之一需要最大对接力。

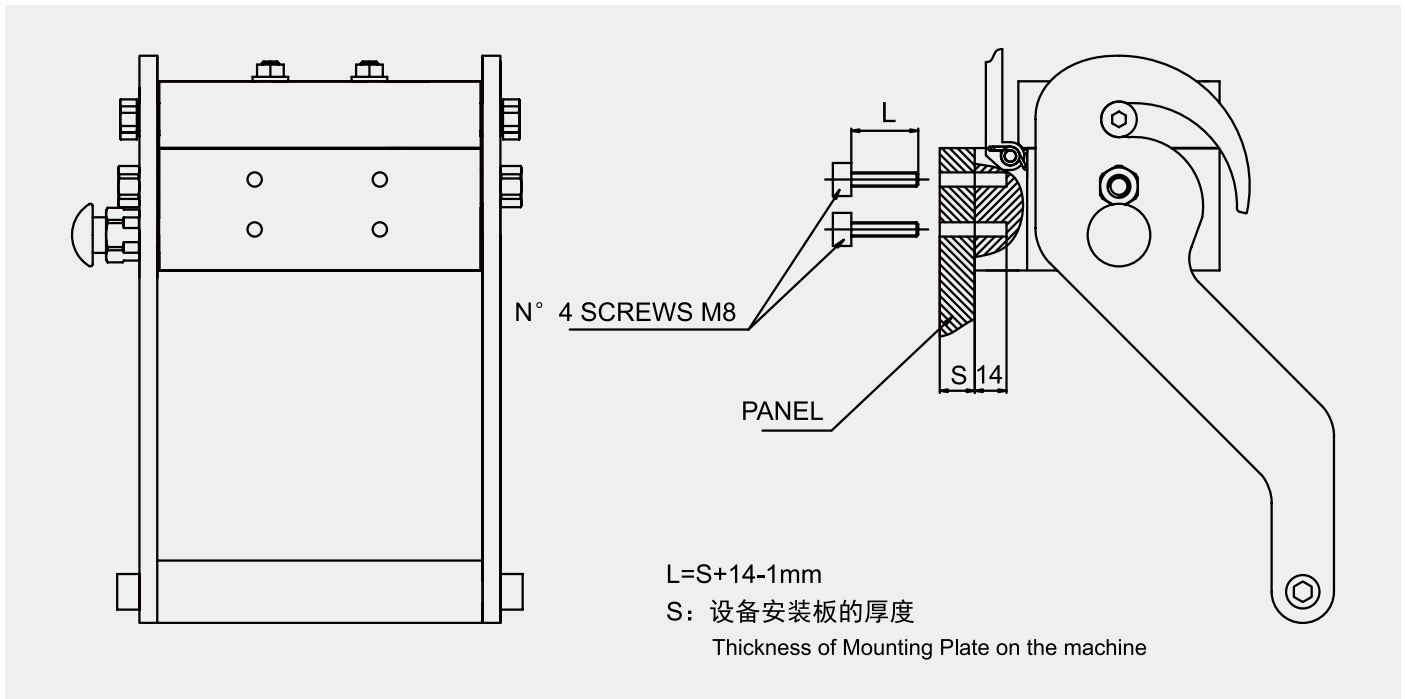
TO DISCONNECT

- Push the red safety button, at the same time acting on the handle turn the lever in the direction of the mobile multicoupling (fig. 4).
- Continue to rotate till the mechanical stop of the levers (fig. 5)
- Now the multicoupling is uncoupled and it is possible to pull out the mobile half (fig. 6).
- When the fixed multicoupling is mounted upside down, the mobile multicoupling must be supported in order to avoid it fall down causing damage.
- In case of disconnection with residual pressure in the circuit, the maximum force is required only for the first third of the disconnection.

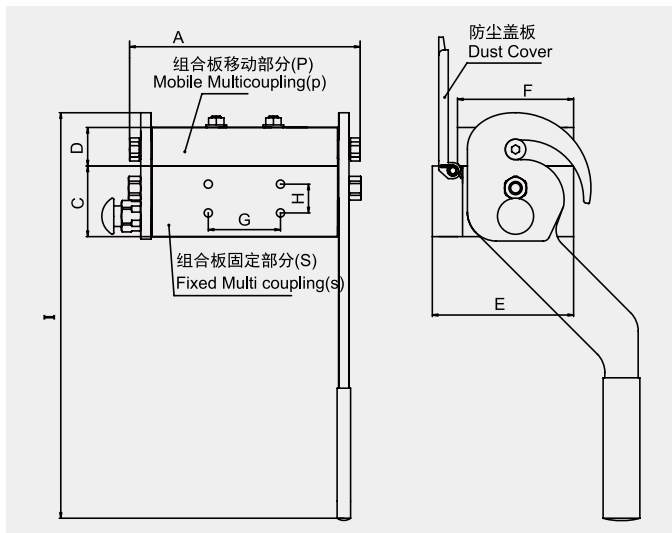


安装

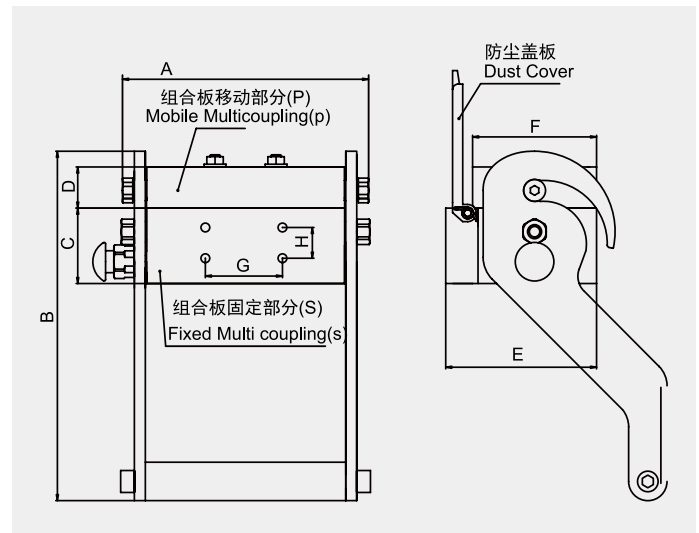
- 将固定部分通过螺纹孔固定在设备上, 示意图如下。



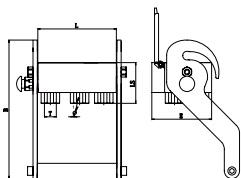
DLD



DL

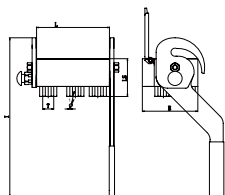


DL



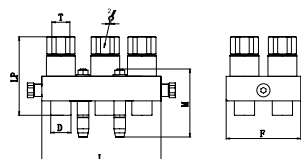
PART NO.	LS	ΦD	1	A	T
HNR-PTR-02SF	59.3	30.4	27	14	ZG 1/4 NPT 1/4
HNR-PTR-03SF	71.1	31.5	30	16	ZG 3/8 NPT 3/8

DLD



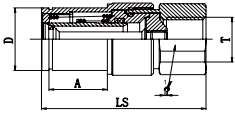
PART NO.	LP	C	2	A	T
HNR-PTR-02PF	64	20.5	19	14	ZG 1/4 NPT 1/4
HNR-PTR-03PF	71	25.5	24	16	ZG 3/8 NPT 3/8

Coupling Fitting 连接器装配



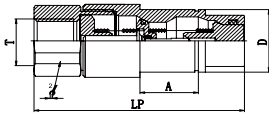
PART NO.	L	ΦD	1	2	T
HNR-PTR-02	105.3	30.4	27	19	ZG 1/4 NPT 1/4
HNR-PTR-03	122.2	31.5	30	24	ZG 3/8 NPT 3/8

Socket 母插座



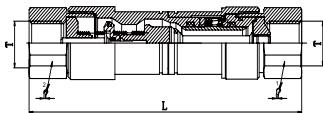
PART NO.	LS	ΦD	1	A	T
HNR-PTR-02SF	59.3	30.4	27	14	ZG 1/4 NPT 1/4
HNR-PTR-03SF	71.1	31.5	30	16	ZG 3/8 NPT 3/8

Plug 公插头



PART NO.	LP	C	2	A	T
HNR-PTR-02PF	64	20.5	19	14	ZG 1/4 NPT 1/4
HNR-PTR-03PF	71	25.5	24	16	ZG 3/8 NPT 3/8

Coupling Fitting 连接器装配



PART NO.	L	ΦD	1	2	T
HNR-PTR-02	105.3	30.4	27	19	ZG 1/4 NPT 1/4
HNR-PTR-03	122.2	31.5	30	24	ZG 3/8 NPT 3/8

HNR-KZE-B

Thread Connected Series

APPLICATION

• The HAINAR KZE-B series couplings, featuring a threaded locking system and a precise ball-type one-way valve, are designed for extremely high-pressure applications, such as portable hydraulic jacks.

FEATURES

• The KZE-B series couplings are made from solid steel bar material, ensuring excellent durability. The male coupler features a threaded sleeve locking structure, which matches the corresponding external thread on the female coupler. The male and female parts must be manually threaded together during connection. The valve uses hardened chrome alloy steel balls, which are spring-loaded to securely fix the valve in place on the valve seat.

The valve provides a metal-to-metal seal between the steel ball and the inner cone surface.

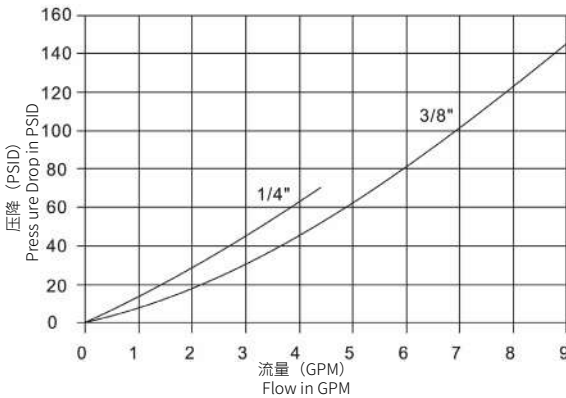
The coupling seal is made from polyurethane rubber material, resistant to extrusion under high pressure.

The KZE-B series is interchangeable with the following products:

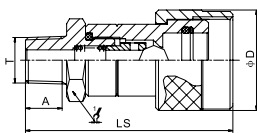
Parker (USA) 3000 Series
FASTER (Italy) PVVM Series.

PERFORMANCE

测试流体: 3/4" 1" 油 -150SUS (Test Fluid: Oil-150SUS)
11/4" 11/2" 2" 油 -200SUS (Test Fluid: Oil-200SUS)
产品系列: KZE-B (Product tested: KZE-B series)
1GPM = 3.78L/Min
1PSID = 0.0069Mpa



Socket 母插座



PART NO.	LS	ΦD	1	A	T
HNR-KZE-B-02SM	60.8	28.5	22	13.5	NPT 1/4
HNR-KZE-B-03SM	73.5	35	25	14.4	NPT 3/8



应用

• 带螺纹锁定系统及精确球型单向阀的海纳 KZE-B 系列接头设计用于极高压力应用，例如便携式液压千斤顶。

特征

- 采用实心钢棒料加工制造，所以耐用性好。
- KZE-B 系列阴接头上采用螺纹套筒锁定结构，与母插座上的相应的外螺纹配套使用。连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 阀采用坚硬的铬合金钢球。钢球被弹簧加载以使阀牢固的固定在阀座处。
- 阀提供钢球与内锥面之间的金属对金属密封。
- 接头密封为聚氨酯橡胶材料，能抵抗高压下挤出。
- 并与下列产品互换：美国派克 (PARKER)3000 系列、意大利快事达 (FASTER)PVVM 系列。

FLOW DATA

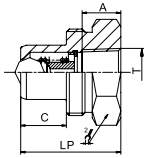
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	10000	3
3/8	10000	6

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

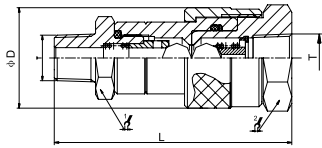
*For reference only, based on Hainar recommended temperatures.

Plug 公插头



PART NO.	LP	C	2	A	T
HNR-KZE-B-02PF	32.5	11.2	19	13	NPT 1/4
HNR-KZE-B-03PF	35	16	32	13.5	NPT 3/8

Coupling Fitting 连接器装配



PART NO.	L	ΦD	1	2	T
HNR-KZE-B-02	74.5	28.5	22	19	NPT 1/4
HNR-KZE-B-03	83.5	35	25	32	NPT 3/8

Accessories 附件



规格	公接头 (通用) 防尘套
1/4	HNR-KZE-B-PDC-1/4MF
3/8	HNR-KZE-B-PDC-3/8MF

Accessories 附件



规格	公接头防尘套	母接头堵头
1/4	HNR-KZE-B-MDC-1/4M	HNR-KZE-B-MDC-1/4F
3/8	HNR-KZE-B-MDC-3/8M	HNR-KZE-B-MDC-3/8F

HNR-KZE-BA

Thread Connected Series

APPLICATION

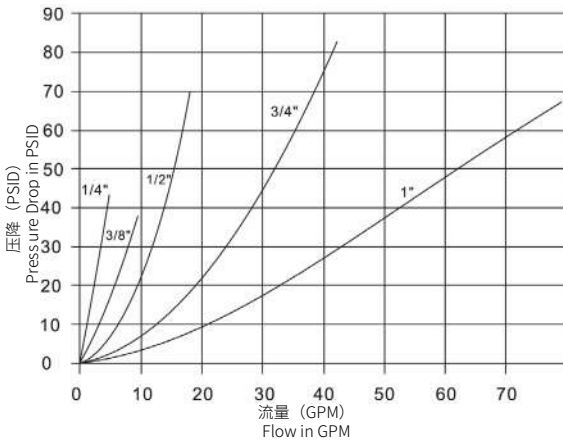
- Mobile Equipment, Agriculture Machine and Universal Industrial Equipment

FEATURES

- New Valve design, it can resistance damage from high flow and the pressure of impulse that providing advanced performance.
- Machined from solid steel barstock for durability.
- The HNR-KEZ-BA series employs a threaded sleeve locking mechanism, mates with matching male threads on the nipple. The two halves must be manually threaded together for connection.
- New chrome plating treatment provides advanced anti-rust performance.
- Compatible with g ROMELLE 6000 series and HOLMBURY Tg W series.

PERFORMANCE

测试流体: 3/4" 1" 油 -150SUS (Test Fluid: Oil-150SUS)
1 1/4" 1 1/2" 2" 油 -200SUS (Test Fluid: Oil-200SUS)
产品系列: KZE-BA (Product tested: KZE-BA series)
1GPM = 3.78L/Min
1PSID = 0.0069Mpa



应用

- 移动式设备, 农业机械和通用工业设备

特征

- 新型阀的设计, 能抵抗告诉流体与脉冲压力的冲击, 提供更高的性能。
- 采用实心钢棒料加工制造, 耐用性好
- HNR-KEZ-BA 系列阴接头上采用螺纹套筒锁定结构, 与母插座上相应外螺纹配套使用。连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 采用新工艺环保镀锌, 提供更高的防腐防锈性能。

FLOW DATA

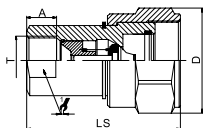
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	10000	3
3/8	10000	6
1/2	10000	12
3/4	8500	28
1	6000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

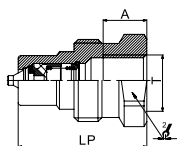
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



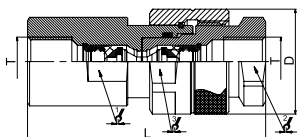
PART NO.	LS	D	Wrench	A	T	
HNR-KZE-BA-02SF	58.9	S32	S19	13	G 1/4	NPT 1/4
HNR-KZE-BA-03SF	66.5	S36	S22	16	G 3/8	NPT 3/8
HNR-KZE-BA-04SF	76.5	S41	S27	18	G 1/2	NPT 1/2
HNR-KZE-BA-06SF	89.5	S50	S35	20.5	G 3/4	NPT 3/4
HNR-KZE-BA-08SF	105.5	S65	S41	20.5	G 1	NPT 1

Plug 公插头



PART NO.	LP	C	Wrench	A	T	
HNR-KZE-BA-02PF	36	12.5	S19	13	G 1/4	NPT 1/4
HNR-KZE-BA-03PF	40.5	16	S22	16	G 3/8	NPT 3/8
HNR-KZE-BA-04PF	49	17	S27	18	G 1/2	NPT 1/2
HNR-KZE-BA-06PF	56	19	S35	20.5	G 3/4	NPT 3/4
HNR-KZE-BA-08PF	66	22	S41	20.5	G 1	NPT 1

Coupling Fitting 连接器装配



PART NO.	L	D	1	2	T	
HNR-KZE-BA-02	72.3	S32 六角	S19 对边	S19 对边	G 1/4	NPT 1/4
HNR-KZE-BA-03	81.5	S36 六角	S22 对边	S22 对边	G 3/8	NPT 3/8
HNR-KZE-BA-04	98.63	S41 六角	S27 对边	S27 对边	G 1/2	NPT 1/2
HNR-KZE-BA-06	112.4	S50 六角	S35 对边	S35 对边	G 3/4	NPT 3/4
HNR-KZE-BA-08	132.9	S65 六角	S41 对边	S41 对边	G 1	NPT 1

Accessories 附件



规格	公接头防尘套	母堵头
1/4	KZE-BA MDC-1/4M	KZE-BA MDC-1/4F
3/8	KZE-BA MDC-3/8M	KZE-BA MDC-3/8F
1/2	KZE-BA MDC-1/2M	KZE-BA MDC-1/2F
3/4	KZE-BA MDC-3/4M	KZE-BA MDC-3*4F
1	KZE-BA MDC-1M	KZE-BA MDC-1F
1-1/4	KZE-BA MDC-1-1/4M	KZE-BA MDC-1-1/4F

HNR-KZE-BB

Thread Connected Series

APPLICATION

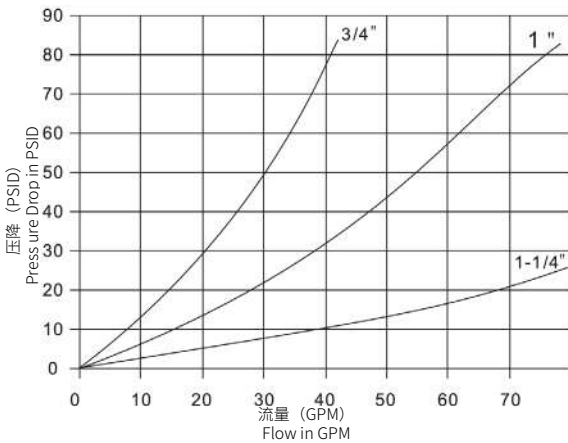
- KZE-BB series is a thread-to-connect.it can be widely used invarious applicaitons.This application can be connected under pressure and less spillage or non-spillage.
- KZE-BB seires can be suitable used in connecting equipment of the hydrulic lines like power tongs, swivels and mobile drillings.it also widely used dump tracks,and dump trailer to connect with towet line hydraulic svstem. And it also suitable used in submersiblepumps,engine test stands, and theequipment require connectunder high pressure or high liquid transfer.

FEATURES

- KZE-BB Heavy-duty wing nut is ruggedly built specifically to withstand the hammer blows commonly used to tighten and loosen this coupler.
- Assembled valve seal can permits full pressure connect and disconnect, without seal washout.
- The flush face valve keeps air inclusion and spillage to a minimum.
- Corrosion resistant brass coupling, makes it compatible with a widely range and provides widely functionality.
- Compatible with PARKER 6100 series,FASTER FB series. AEROQUIP 5100 series, HANSEN 96 series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: KZE-BB (Product tested: KZE-BB series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- KZE-BB 系列通过螺纹连接的接头可用于较大范围的工作应用,这类应用需要能在压力下连接的重型接头,而且溢流很少或没有溢流。KZE-BB 系列可理想地用于连接油设备上的液压管路,例如电动夹,转轴及移动钻机。它还广泛用于自卸车以连接拖车与湿式液压系统。
- 其他使用包括:浸没式泵,发动机试验台及许多其他需要在压力下连接的高流量接头应用。

特征

- 重型翼型螺母装配牢固,特别能经受住通常用于上紧或松开接头的锤子敲击。
- 组合阀密封件使接头可以在满压力下连接及断开而不会造成密封件被冲蚀。
- 平齐端面阀机构将夹气及溢流保持在最小值
- 抗腐蚀黄铜材质使接头可与大范围的介质兼容并提供
- 并与下列产品互换:美国派克 (PARKER)6100 系列、意大利快事达 (FASTER)FB 系列、美国爱力克 (AEROQUIP)5100 系列、美国汉森 (HANSEN)96 系列。

FLOW DATA

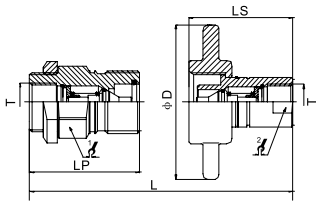
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/8	1000	1
1/4	1000	3
3/8	1000	6
1/2	1000	12
3/4	1000	28
1	1000	50
1-1/4	800	75
1-1/2	800	100
2	800	150

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	D	Wrench	Wrench	L	LS	
HNR-KZE-BB06	NPT 3/4	106	33.5	29	133.5	66	79.2
HNR-KZE-BB08	NPT 1	110	S39.5	36	157	83.5	90
HNR-KZE-BB10	NPT 1.1/4	132	S48	45	164	89	94

HNR-KZE-BC

Thread Connected Series

APPLICATION

• The KZE-BC series is specifically designed for mobile equipment such as dump trucks, commercial vehicles, agricultural machinery, and construction machinery.

FEATURES

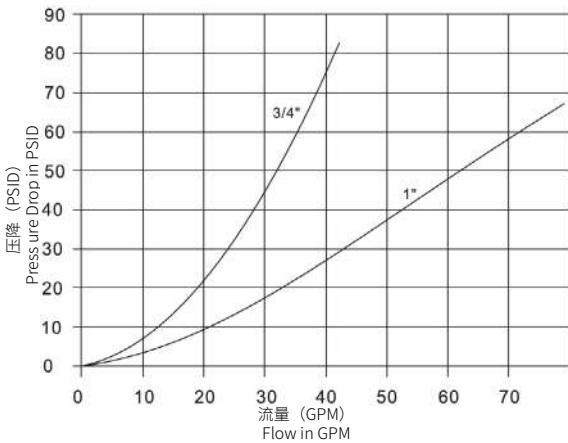
• The KZE-BC quick couplings feature a threaded connection, with the female coupler equipped with a disc-type nut sleeve, allowing the operator to manually connect even when residual pressure is present.

The KZE-BC series is interchangeable with the following products:

FASTER (Italy) CVE Series
HOLMBURY (UK) VCR Series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
产品系列: KZE-BC (Product tested: KZE-BC series)
1GPM = 3.78L/Min
1PSID = 0.0069Mpa



应用

• KZE-BC 专为自卸车, 营运车, 农用机械和建筑机械移动式设备而设计的。

特征

• KZE-BC 快速接头采用螺纹连接, 母接头带碟型螺母套筒, 使操作者在存有残留的情况下也能手动连接
• 并与下列互换: 意大利快事达 (FASTER)CVE 系列, 英国亨佰利 (HOLMBURY)VCR 系列

FLOW DATA

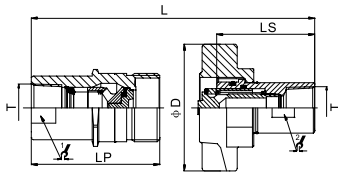
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
3/4	4000	25
1	3000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	D	1	2	L	LS	LP
HNR-KZE-BC-06	G 3/4	115.4	46	33	132.5	78	78
HNR-KZE-BC-08	G 1	115.4	55	40	145	83	83

Accessories 附件



规格	公接头防尘套	母接头堵头
3/4	KZE-BC MDC-3/4M	KZE-BC MDC-3/4F
1	KZE-BC MDC-1M	KZE-BC MDC-1F

HNR-KZE-BD

Thread Connected Series

APPLICATION

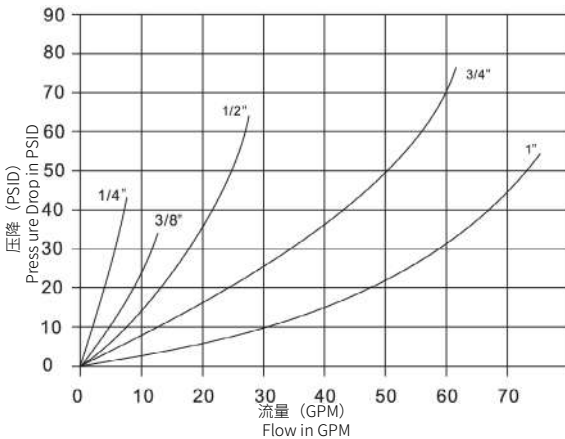
- Mobile equipment, agriculture machine and universal industrial equipment.

FEATURES

- New valve design, it can resistance damage from high flow and the pressure of impulse that providing advanced performance.
- Machined from solid steel barstock for durability
- The KZE-BD series employs a threaded sleeve locking mechanism, mates with matching male threads on the nipple. The two halves must be manually threaded together form connection.
- New chrome plating treatment provides advanced anti-rust performance.
- Compatible with FASTER VVS series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: KZE-BD (Product tested: KZE-BD series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- 移动式设备, 农业机械和通用工业设备。

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 采用实心钢棒料加工制造, 所以耐用性好。
- KZE-BD 系列阴接头上采用螺纹套筒锁定结构, 与母体插座上的相应的外螺纹配套使用连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 采用新型环保镀锌, 提供更高的防锈性能。
- 并于下列产品互换: 意大利快事达 (FASTER) VVS 系列

FLOW DATA

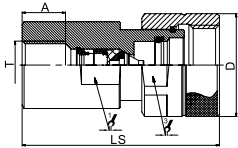
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	10000	2
3/8	10000	4.5
1/2	10000	8
3/4	10000	12
1	7500	24
1.1/4	6500	35
1.1/2	5000	75
2	5000	200

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

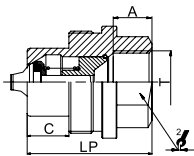
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



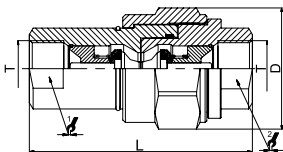
PART NO.	LS	D	1	2	A	T
KZE-BD-02SF	68	30	S23	S27	16	G 1/4 NPT 1/4
KZE-BD-03SF	75.6	39.7	S30	S36	14.5	G 3/8 NPT 3/8
KZE-BD-04SF	86.4	45	S34	S41	19	G 1/2 NPT 1/2
KZE-BD-06SF	105.5	53.8	S41	S50	23	G 3/4 NPT 3/4
KZE-BD-08SF	123	58.8	S50	S55	23	G 1 NPT 1
KZE-BD-10SF	152.5	78.5	S65	S75	26	G 1.1/4 NPT 1.1/4
KZE-BD-12SF	172	98	S75	S90	27	G 1.1/2 NPT 1.1/2
KZE-BD-16SF	206.5	129	S100	S125	27	G 2 NPT 2

Plug 公插头



PART NO.	LP	1	A	T
KZE-BD-02PF	43	S25	13	G 1/4 NPT 1/4
KZE-BD-03PF	48	S32	16	G 3/8 NPT 3/8
KZE-BD-04PF	53	S34	18	G 1/2 NPT 1/2
KZE-BD-06PF	63	S46	21	G 3/4 NPT 3/4
KZE-BD-08PF	72	S50	23	G 1 NPT 1
KZE-BD-10PF	86	S65	26	G 1.1/4 NPT 1.1/4
KZE-BD-12PF	95	S80	27	G 1.1/2 NPT 1.1/2
KZE-BD-16PF	118	S110	27	G 2 NPT 2

Coupling Fitting 连接器装配



PART NO.	L	D	1	2	3	T
KZE-BD-02	84.2	30	S23	S25	S27	G 1/4 NPT 1/4
KZE-BD-03	89.5	39.7	S30	S32	S36	G 3/8 NPT 3/8
KZE-BD-04	102.2	45	S34	S34	S41	G 1/2 NPT 1/2
KZE-BD-06	121.2	53.8	S41	S46	S50	G 3/4 NPT 3/4
KZE-BD-08	138.5	58.8	S50	S50	S55	G 1 NPT 1
KZE-BD-10	167.5	78.5	S65	S65	S75	G 1.1/4 NPT 1.1/4
KZE-BD-12	188	98	S75	S80	S90	G 1.1/2 NPT 1.1/2
KZE-BD-16	227.4	129	S100	S110	S125	G 2 NPT 2

HNR-KZE-BE

Thread Connected Series

APPLICATION

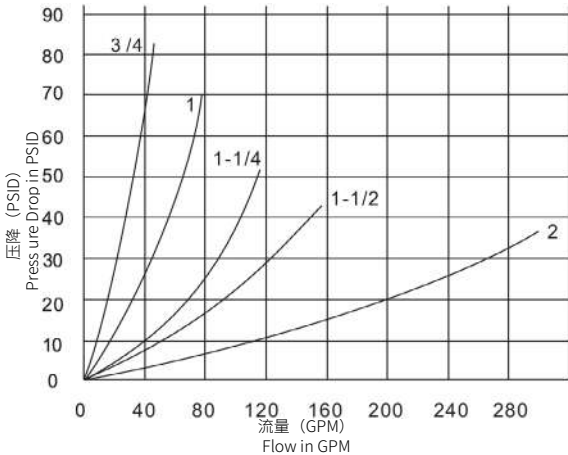
• KZE-BE screw to connect couplings for oil & gas application,market interchange.Standard screw to connect coupling suitable for Oil & gas applications.

FEATURES

- Robust sleeve design, poppet valve and ACME connection thread.
- Machined from solid steel barstock for durability.
- Tighten the screw to connect,loosen the screw to disconnect,it can be connected with residual pressure.
- New chrome plating treatment provides advanced anti-rust performance.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.
- Compatible with FASTER Og V series, STUCCHI VOFseries.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: KZE-BE (Product tested: KZE-BE series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

• KZE-BE 可与其他市场产品互换使用, 主要应用于石油天然气行业的螺纹连接标准快速接头。

特征

- 锥面截止阀, ACME 连接螺纹。
- 采用实心钢棒料加工制造, 耐用性好。
- 螺纹旋紧连接, 螺纹旋松断开, 可带残压连接。
- 采用新型环保镀锌, 提供更高的防锈性能。
- 螺纹阀挡圈提供阀止挡, 保证阀能牢靠对中
- 与下列产品互换: 意大利快事达 (FASTER) Og V 系列、意大利 (STUCCHI) VOF 系列。

FLOW DATA

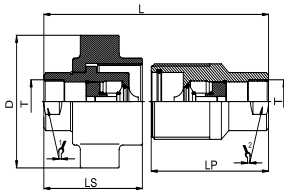
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
3/4	5000	50
1	5000	74
1.1/4	5000	127
1.1/2	5000	185
2	5000	264

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	1	2	D	L	LS	LS
HNR-KZE-BE-06	G 3/4	S31.8	S31.8	77	123.5	71.8	83.2
HNR-KZE-BE-08	G 1	S41.3	S41.3	105	153	87.3	105.8
HNR-KZE-BE-10	G 1.1/4	S50.8	S50.8	116	197.8	113	136.8
HNR-KZE-BE-12	G 1.1/2	S57	S57	145	219.6	127	151.2
HNR-KZE-BE-16	G 2	S74	S74	170	255	154.5	179

HNR-1141

Thread Connected Series

APPLICATION

- 便携式液压千斤顶

FEATURES

- 316 Stainless steel body
- Brass locking sleeve
- Thread locking system help prevent coupling from accidentally disconnecting
- Small diameter mating seal helps keep separating forces to a minimum, allowing for easier connect and disconnect at pressure up to 5000 PSI
- Compatible with Parker1141 Series.

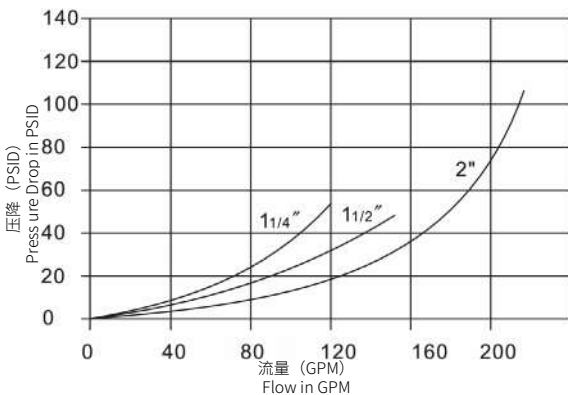
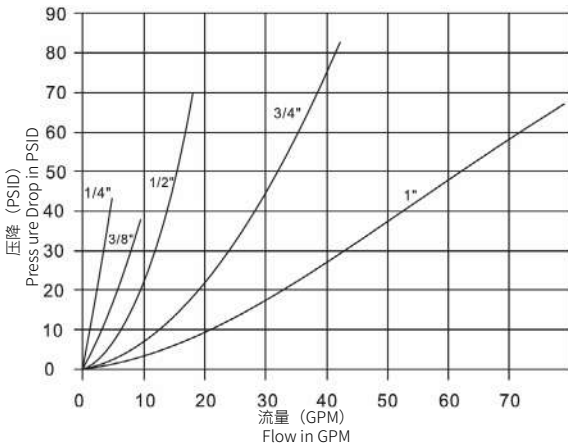
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: 1141 (Product tested: 1141 series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

- 便携式液压千斤顶

特征

- 不锈钢 316 主体
- 黄铜锁紧外套
- 螺纹锁紧式有助于防止因震动而松脱
- 小直径配合密封有助于分离力保持在最小值, 从而使接头在压力达 5000PSI 的情况下可连接或断开
- 与下列产品互换: 美国派克 (PARKER)1141 系列

FLOW DATA

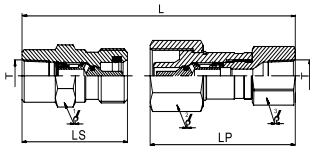
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	10000	3

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	1	2	3	L	LS
HNR-1141	NPT 1/4	S22	S25	S22	106.8	50.7 69.9

HNR-CVV

Thread Connected Series

APPLICATION

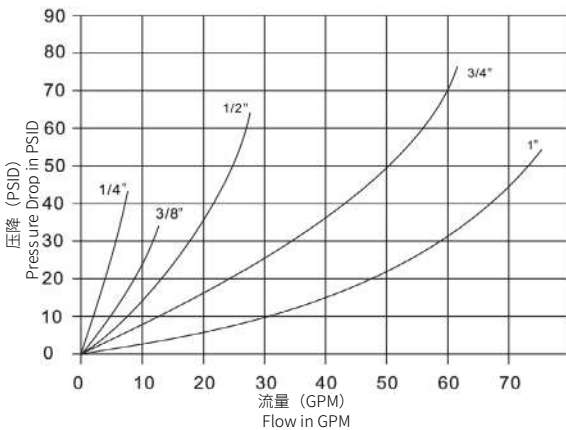
- CVV Series widely used in equipments(excavators), vehicles,hydraulic equipments and drilling machines

FEATURES

- New valve design,it can resistance damage from high flow and the pressure of impulse that providing advanced performance.
- Machined from solid steel barstock for durability.
- The CVV series employs a threaded sleeve locking mechanism,mates with matching male threads on the coupler,The two halves must be manually threaded together form connection.
- New chrome plating treatment provides advanced anti-rust performance.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.
- Compatible with FASTER CVV Series STUCCHIVD Series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: CVV (Product tested: CVV series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- CVV 系列接头应用于移动式工程设备 (挖掘机)、车辆、液压设备、钻机。

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 采用实心钢棒料加工制造, 耐用性好,
- CVV 系列阴接头上采用螺纹套筒锁定结构, 与母体插座上的相应的外螺纹配套使用。连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 采用新型环保镀锌, 提高更高度防锈性能。
- 螺纹阀挡圈提供阀止挡, 保证阀能牢靠对中。
- 与下列产品互换: 意大利快事达 (FASTER)CVV 系列、意图奇 VD 系列。

FLOW DATA

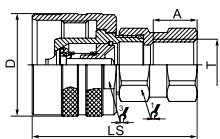
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	5000	6
1/2	5000	12
3/4	4500	28
1	4500	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C/-65° C to +300° F
FKM	-29° C to +204° C/-15° F to +400° F

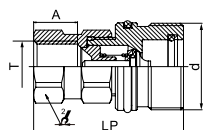
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



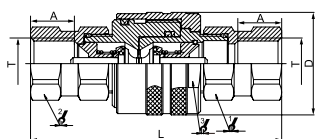
PART NO.	LS	D	1	2	A	T
HNR-CVV-02SF	58.6	34	S19	S30	13	G 1/4 NPT 1/4
HNR-CVV-03SF	60.8	34	S22	S30	13	G 3/8 NPT 3/8
HNR-CVV-04SF	67.7	42	S27	S36	18	G 1/2 NPT 1/2
HNR-CVV-06SF	73.5	48	S36	S41	18	G 3/4 NPT 3/4
HNR-CVV-08SF	94.5	56.5	S41	S51	24.5	G 1 NPT 1

Plug 公插头



PART NO.	LP	d	1	A	T
HNR-CVV-02PF	43	M24*2	S19	13	G 1/4 NPT 1/4
HNR-CVV-03PF	48	M28*2	S22	13	G 3/8 NPT 3/8
HNR-CVV-04PF	53	M36*2	S27	18	G 1/2 NPT 1/2
HNR-CVV-06PF	63	M42*2	S36	18	G 3/4 NPT 3/4
HNR-CVV-08PF	72	M48*3	S41	24.5	G 1 NPT 1

Coupling Fitting 连接器装配



PART NO.	L	D	1	2	3	T
HNR-CVV-02	92.6	34	S19	S19	S30	G 1/4 NPT 1/4
HNR-CVV-03	89.9	34	S22	S22	S30	G 3/8 NPT 3/8
HNR-CVV-04	103	42	S27	S27	S36	G 1/2 NPT 1/2
HNR-CVV-06	125	48	S36	S36	S41	G 3/4 NPT 3/4
HNR-CVV-08	155	56.5	S41	S41	S50	G 1 NPT 1

HNR-RK

Thread Connected Series

APPLICATION

- Special vehicles and varieties of non-leakage of hydraulic applications

FEATURES

- New valve design, it can resistance damage from high flow and the pressure of impulse that providing advanced performance
- Special flush-face valve avoid spillage during connection and disconnection.
- Machined from solid steel barstock for durability
- The RK series employs a threaded sleeve locking mechanism, mates with matching male threads on the coupler. The two halves must be manually threaded together form connection.
- It can connect or disconnect with residual pressure up to 10MPa from both end.
- New zinc nickel plating treatment provides advanced anti-rust performance.
- A threaded valve retainer provides a valve stop that assures positive valve alignment.
- Compatible with Stucchi VR Series、Voswinkel RK Series

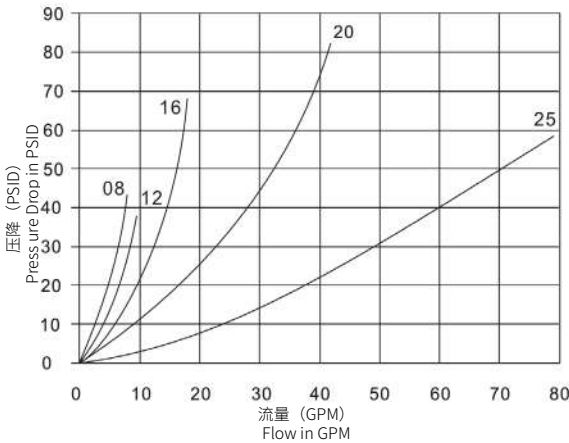
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: RK (Product tested: RK series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

- 特种车辆及各种无泄漏的液压应用

特征

- 新型阀的设计, 能抵抗高速流体与脉冲压力的冲击, 提供更高的性能。
- 特殊平面密封设计确保连接和断开时无流体泄漏。
- 采用实心钢棒料加工制造, 所以耐用性好。
- RK 系列母接头上采用螺纹套筒锁定结构, 与公插座上的相应的外螺纹配套使用。
- 连接时公母两部分必须通过螺纹采用手动方式结合在一起。
- 许任何一端带有最大 10MPa 残压下连接与断开。
- 采用新型环保镀锌镍电镀, 提供更高的防锈性能。
- 螺纹阀挡圈提供阀止挡, 保证阀能牢靠对中
- 与下列产品互换: 意图奇 VR 系列、沃斯温克 RK 系列。

FLOW DATA

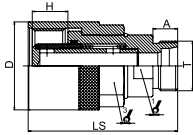
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
RK08	6090	6
RK12	6090	12
RK16	6090	28
RK20	6090	50
RK25	6090	76

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

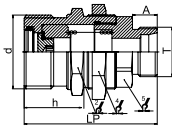
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



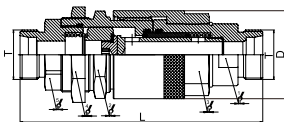
PART NO.	LS	D	1	3	A	T	
HNR-RK-08SM-12S	63.4	39	S22	S32	12	M20*1.5	13.5
HNR-RK-08SM-10L	62.4	39	S22	S32	11	M16*1.5	13.5
HNR-RK-08SM-15L	63.4	39	S22	S32	14	M22*1.5	13.5
HNR-RK-12SM-16S	75.5	54.5	S24	S46	14	M24*1.5	17.5
HNR-RK-12SM-15L	73.5	54.5	S24	S46	12	M22*1.5	17.5
HNR-RK-16SM-20S	83	66	S32	S60	16	M30*2	22.5
HNR-RK-16SM-16S	81	66	S32	S60	14	M24*1.5	22.5
HNR-RK-16SM-18L	79	66	S32	S60	12	M26*1.5	22.5
HNR-RK-16SM-15L	79	66	S32	S60	12	M22*1.5	22.5
HNR-RK-20SM-25S	109	64	S41	S55 八边	18	M36*2	26
HNR-RK-20SM-20S	107	64	S41	S55 八边	16	M30*2	26
HNR-RK-20SM-28L	105	64	S41	S55 八边	14	M36*2	26
HNR-RK-20SM-22L	105	64	S41	S55 八边	14	M30*2	26
HNR-RK-20SM-18L	103	64	S41	S55 八边	12	M26*1.5	26
HNR-RK-25SM-38S	135	91.2	S55	S80	23	M52*2	34.5
HNR-RK-25SM-35L	135	91.2	S55	S80	16	M45*2	34.5

Plug 公插头



PART NO.	LP	d	2	4	5	A	T	
HNR-RK-08PM-12S	59	M32*3	S36	S36	S25	12	M20*1.5	24
HNR-RK-08PM-10L	58	M32*3	S36	S36	S25	11	M16*1.5	24
HNR-RK-08PM-15L	59	M32*3	S36	S36	S25	14	M22*1.5	24
HNR-RK-12PM-16S	66.7	M36*3	S41	S41	S32	14	M24*1.5	28.7
HNR-RK-12PM-15L	64.7	M36*3	S41	S41	S32	12	M22*1.5	28.7
HNR-RK-16PM-20S	79.2	M48*3	S55	S50	S15 内六角	16	M30*2	35.2
HNR-RK-16PM-16S	77.2	M48*3	S55	S50	S15 内六角	14	M24*1.5	35.2
HNR-RK-16PM-18L	75.2	M48*3	S55	S50	S15 内六角	12	M26*1.5	35.2
HNR-RK-16PM-15L	75.2	M48*3	S55	S50	S15 内六角	12	M22*1.5	35.2
HNR-RK-20PM-25S	97	M54*4	S55	S60	S46	18	M36*2	43.5
HNR-RK-20PM-20S	95	M54*4	S55	S60	S46	16	M30*2	43.5
HNR-RK-20PM-28L	93	M54*4	S55	S60	S46	14	M36*2	43.5
HNR-RK-20PM-22L	93	M54*4	S55	S60	S46	14	M30*2	43.5
HNR-RK-20PM-18L	91	M54*4	S55	S60	S46	12	M26*1.5	43.5
HNR-RK-25PM-38S	124.8	M79*4	S85		S55	22	M52*2	58
HNR-RK-25PM-35L	118.8	M79*4	S85		S55	16	M45*2	58

Coupling Fitting 连接器装配



PART NO.	L	D	1	2	3	4	5	
HNR-RK-08-12S	108.5	39	S22	S36	S32	S36	S25	M20*1.5
HNR-RK-08-10L	106.5	39	S22	S36	S32	S36	S25	M16*1.5
HNR-RK-08-15L	108.5	39	S22	S36	S32	S36	S25	M22*1.5
HNR-RK-12-16S	122.7	54.5	S24	S41	S46	S41	S32	M24*1.5
HNR-RK-12-15L	118.7	54.5	S24	S41	S46	S41	S32	M22*1.5
HNR-RK-16-20S	138.4	66	S32	S55	S60	S50	S15 内六角	M30*2
HNR-RK-16-16S	134.4	66	S32	S55	S60	S50	S15 内六角	M24*1.5
HNR-RK-16-18L	130.4	66	S32	S55	S60	S50	S15 内六角	M26*1.5
HNR-RK-16-15L	130.4	66	S32	S55	S60	S50	S15 内六角	M22*1.5
HNR-RK-20-25S	177	64	S41	S55	S55 八边	S60	S46	M36*2
HNR-RK-20-20S	173	64	S41	S55	S55 八边	S60	S46	M30*2
HNR-RK-20-28L	169	64	S41	S55	S55 八边	S60	S46	M36*2
HNR-RK-20-22L	169	64	S41	S55	S55 八边	S60	S46	M30*2
HNR-RK-20-18L	165	64	S41	S55	S55 八边	S60	S46	M26*1.5
HNR-RK-25-38S	220.8	91.2	S55	S85	S80		S55	M52*2
HNR-RK-25-35L	214.8	91.2	S55	S85	S80		S55	M45*2

HNR-S7

Thread Connected Series

APPLICATION

• The S7 Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

FEATURES

- S7 Series couplings feature:
- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled within rated working pressure, to keep the flow expeditely.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- Compatible with NITTO HSP cupla Series.

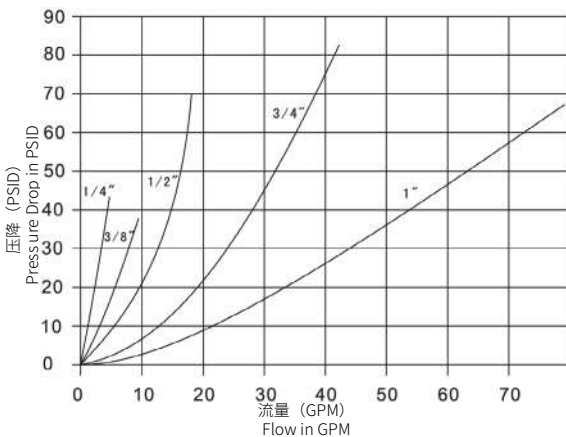
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: S7 (Product tested: S7 series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

• S7 系列广泛应用于各种工业用途，用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

特征

- S7 系列接头具有以下特征：
- 接头断开时，阀芯自动闭合，防止泄漏
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的畅通。
- 关键部件经过感应淬火，所以耐用性好
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座和公插头采用实心的棒料精密制造
- 与日东 (NITTO) HSPcupla 系列产品互换

FLOW DATA

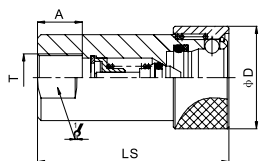
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5000	3
3/8	4000	6
1/2	4000	12
3/4	3000	28
1	3000	50

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

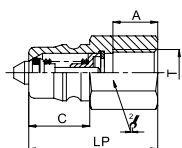
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



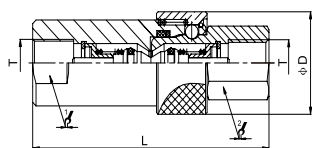
PART NO.	LS	D	1	A	T	
HNR-S7-02SF	53.4	28.5	S19	12.5	G 1/4	NPT 1/4
HNR-S7-03SF	60.4	33	S23	14	G 3/8	NPT 3/8
HNR-S7-04SF	72	43.5	S35	18	G 1/2	NPT 1/2
HNR-S7-06SF	72	43.5	S35	18	G 3/4	NPT 3/4
HNR-S7-08SF	93.2	58.2	S46	22	G 1	NPT 1

Plug 公插头



PART NO.	LP	C	2	A	T	
HNR-S7-02PF	36	17	S19	12	G 1/4	NPT 1/4
HNR-S7-03PF	38	22.5	S23	14	G 3/8	NPT 3/8
HNR-S7-04PF	50	27.5	S32	18	G 1/2	NPT 1/2
HNR-S7-06PF	50	27.5	S32	18	G 3/4	NPT 3/4
HNR-S7-08PF	61	36	S41	22	G 1	NPT 1

Coupling Fitting 连接器装配



PART NO.	L	D	1	2	T	
HNR-S7-02	72.3	28.5	S19	S19	G 1/4	NPT 1/4
HNR-S7-03	76.3	33	S22	S23	G 3/8	NPT 3/8
HNR-S7-04	95	43.5	S35	S32	G 1/2	NPT 1/2
HNR-S7-06	95	43.5	S35	S32	G 3/4	NPT 3/4
HNR-S7-08	119.2	58.2	S46	S41	G 1	NPT 1

HNR-TNV

Thread Connected Series

APPLICATION

• The TNV Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, oil equipment, steel mill machinery, and other demanding hydraulic applications.

FEATURES

- Valve Type: Poppet.
- Push the sleeve back to connect or disconnect the coupling.
- Poppet valves available to prevent uncoupled leakage.
- Critical parts are hardened for durability
- Compatible with FASTER TNV series.

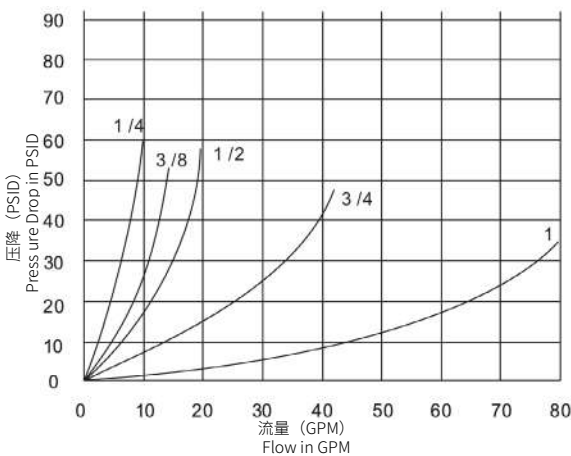
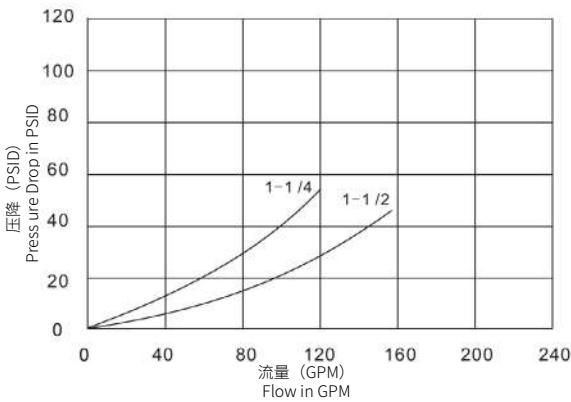
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: TNV (Product tested: TNV series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

• TNV 系列广泛应用于各种工业所需的连接，主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

特征

- TNV 系列接头具有以下特征：
- 阀型式：锥面阀。
- 连接 / 断开方式，回推外套。
- 接头断开时，阀芯自动闭合，防止泄漏。
- 关键部件经过感应淬火，所以耐用性好，
- 与下列产品互换：(FASTER)TNV 系列。

FLOW DATA

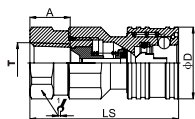
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	3915	6
3/8	4350	17
1/2	3190	20
3/4	2755	45
1	2175	74
1.1/4	1590	100
1.1/2	1590	119

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

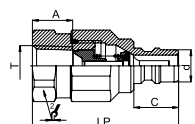
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



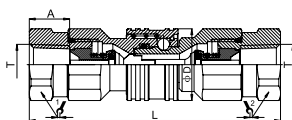
PART NO.	LS	D	A	1	T
HNR-TNV-02SF	49.8	24	13.5	S22	NPT 1/4
HNR-TNV-03SF	57.3	27	12.5	S24	NPT 3/8
HNR-TNV-04SF	64.4	34	17.5	S30	NPT 1/2
HNR-TNV-06SF	64.2	42	16	S36	NPT 3/4
HNR-TNV-08SF	71	50.5	21	S46	NPT 1
HNR-TNV-10SF	96.5	56	21.5	S50	NPT 1.1/4
HNR-TNV-12SF	90.2	70	23.5	S65	NPT 1.1/2

Plug 公插头



PART NO.	LP	D	C	A	2	T
HNR-TNV-02PF	49	10.8	15	13.5	S22	NPT 1/4
HNR-TNV-03PF	57.3	13	18.5	12.5	S24	NPT 3/8
HNR-TNV-04PF	62.3	16	18.5	17.5	S30	NPT 1/2
HNR-TNV-06PF	63.5	23.4	22.5	16	S36	NPT 3/4
HNR-TNV-08PF	68.4	29.8	23	21	S46	NPT 1
HNR-TNV-10PF	91	36.1	23.5	21.5	S50	NPT 1.1/4
HNR-TNV-12PF	85	43.6	27.5	23.5	S65	NPT 1.1/2

Coupling Fitting 连接器装配



PART NO.	L	D	A	1	2	T
HNR-TNV-02	84.2	24	13.5	S22	S22	NPT 1/4
HNR-TNV-03	96.7	27	12.5	S24	S24	NPT 3/8
HNR-TNV-04	109	34	17.5	S30	S30	NPT 1/2
HNR-TNV-06	105.8	42	16	S36	S36	NPT 3/4
HNR-TNV-08	116.7	50.5	21	S46	S46	NPT 1
HNR-TNV-10	164.8	56	21.5	S50	S50	NPT 1.1/4
HNR-TNV-12	148.8	70	23.5	S65	S65	NPT 1.1/2

HNR-S10

Thread Connected Series

APPLICATION

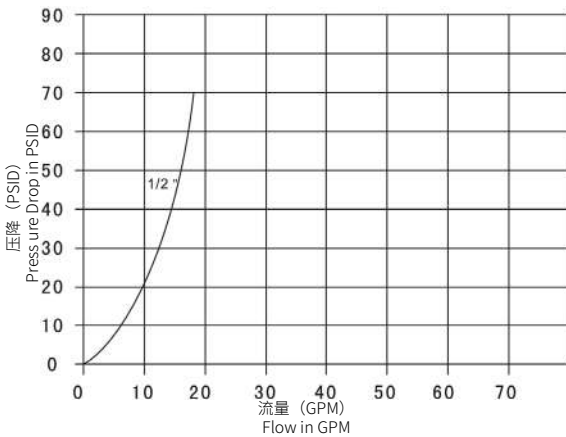
The S10 Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

FEATURES

- S10 Series couplings feature:
- Poppet valves available to prevent uncoupled leakage.
- Poppet valves open automatically when coupled, within rated working pressure to keep the flow expeditiously.
- Critical parts are hardened for durability.
- Dependable ball-latching mechanism holds them mating halves together.
- Socked and plug are precision machined from solid bar stock.
- Compatible with FASTER VF Series, g ROMELLE Q-9000 Series

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: S10 (Product tested: S10 series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

• S10 系列广泛应用于各种工业所需的连接，主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

特征

- S10 系列接头具有以下特征：
- 接头断开时，阀芯自动闭合，防止泄漏。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的畅通。
- 关键部件经过感应淬火，所以耐用性好，可靠的球锁机构将相匹配的两半部分结合在一起
- 母插座和公插头采用实心的棒料精密制造。
- 并与下列产品互换：
- 意大利快事达 (FASTER) VF 系列
- 法国格鲁梅尔 (g ROMELLE) Q-9000 系列：

FLOW DATA

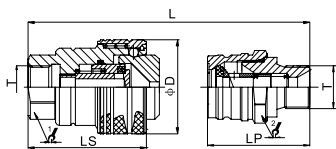
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/2	3000	12

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	D	1	2	L	LS
HNR-S10-04	G 1/2	44	27	32	88.5	55.5

Accessories 附件



规格	母接头停驻站
HNR-S10(所有螺纹类型)	S10 MDCF

HNR-KZE

Thread Connected Series

APPLICATION

• KZE 系列广泛应用于各种工业所需的连接，主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

FEATURES

• The KZE Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.

FLOW DATA

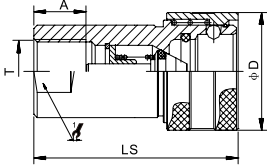
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/8	5000	
1/4	3000	
3/8	3000	
1/2	3000	
3/4	3000	
1	3000	
1-1/4	2000	
1-1/2	2000	
2	1500	



SEAL ELASTOMER DATA

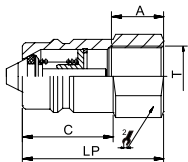
密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C

Socket 母插座



PART NO.	LS	D	1	A	T
HNR-KEZ-01SF	49	28	17	19	M10*1
HNR-KEZ-02SF	58.2	27	19	12.5	G 1/4
HNR-KEZ-03SF	65	35	22	13	G 3/8
HNR-KEZ-04SF	66.2	39.5	27	17	G 1/2
HNR-KEZ-06SF	79.2	49	36	18	G 3/4
HNR-KEZ-08SF	94	56	42	21	G 1
HNR-KEZ-10SF	115	69	54	27	G 1-1/4
HNR-KEZ-12SF	124	79	60	27	G 1-1/2
HNR-KEZ-16SF	132.3	102	77	30	G2

Plug 公插头



PART NO.	LS	D	2	A	T
HNR-KEZ-01PF	36	52	17	22	M10*1
HNR-KEZ-02PF	36	22.5	19	12.5	G 1/4
HNR-KEZ-03PF	40	25	22	13	G 3/8
HNR-KEZ-04PF	46	25	27	17	G 1/2
HNR-KEZ-06PF	55	26	36	18	G 3/4
HNR-KEZ-08PF	59.5	36	41	21	G 1
HNR-KEZ-10PF	70	45	52	27	G 1-1/4
HNR-KEZ-12PF	75	49	60	27	G 1-1/2
HNR-KEZ-16PF	80	52	77	30	G2

HNR-IRN

Thread Connected Series

APPLICATION

• The IRN Series brings to the industry a proven design for use on construction equipment, forestry equipment, agricultural machinery, oil tools, Oil equipment steel mill machinery, and other demanding hydraulic applications.

FEATURES

- Poppet valves available to prevent uncoupled leakage
- Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expediently.
- Critical parts are hardened for durability.
- Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- Compatible with STUCCHI IRN series.

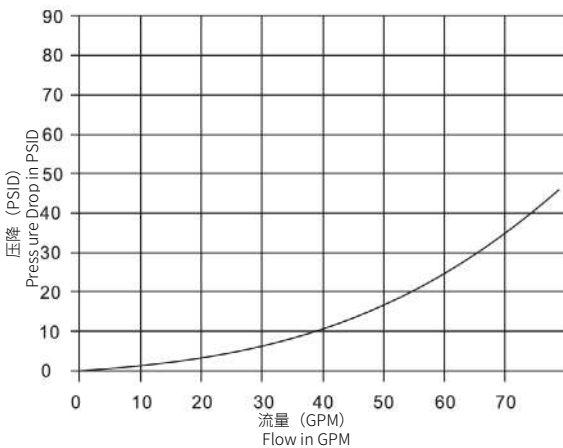
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: IRN (Product tested: IRN series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

• IRN 系列广泛应用于各种工业所需的连接，主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

特征

- IRN 系列接头具有以下特征：
- 接头断开时，阀芯自动闭合，防止泄漏。
- 接头连接后，阀自动开启，在额定工作范围内，始终保持流体的畅通。
- 关键部件经过感应淬火，所以耐用性好，
- 可靠的球锁机构将相匹配的两半部分结合在一起
- 母插座和公插头采用实心的棒料精密制造。
- 并与下列产品互换：意图齐 IRN 系列

FLOW DATA

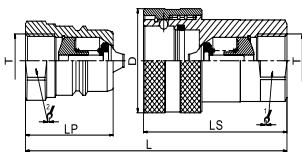
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
G 1"	3000	75

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	D	1	2	L	LS
HNR-IRN	G 1"	Φ64.5	S46 六角	S46 六角	132.6	108 66

HNR-TE

Thread Connected Series

APPLICATION

The TE series couplings are found in the construction, railway maintenance and house moving industries. Used on hydraulic jacking equipment, these couplers eliminate costly downtime caused by improperly connected threaded types. For use where high pressure capability is required coupled with positive coupling action. Considerably faster to use than threaded types.

FEATURES

- Positive valve stop, the perch maintains valve alignment and provides metal to metal valve stop to ensure that the valves open fully, every time.
- Precision machined valves with electrometric seal provide for positive shut-off upon disconnection.
- Hardened nipples and sleeves and solid bar stock construction make for a quality coupling with maximum resistance to damage from hydraulic and mechanical shock.
- Durable ball-locking mechanism assures reliable connection every time. A large number of locking balls distributes and work load evenly while providing alignment and swiveling action to reduce hose torque and prolong hose life. CAUTION: These products are not to be used as swivels; rotation under pressure will result in excessive and premature wear.
- Sleeve locking mechanism prevents accidental disconnection when coupling is dragged along the ground.
- Compatible with PARKER TC Series.

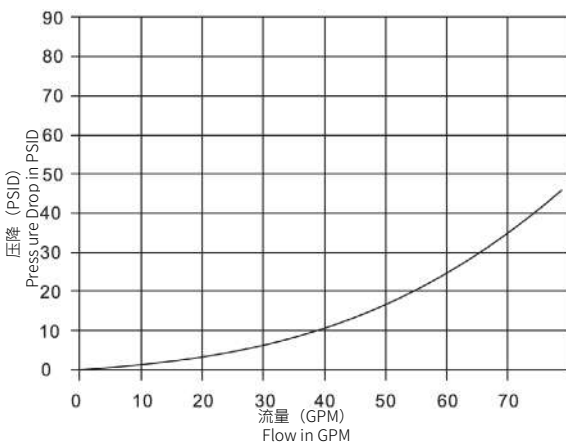
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: TE (Product tested: TE series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

TE 系列接头可用于建筑、铁路维护及房配移行业。用于液压千斤顶设备时，这类接头可消除由螺纹连接不当引起的代价较高的停机时间。对于需要高压应用然况下，需要可靠的连接方式这种快速接头比螺纹型连接快的多。

特征

- 牢固的阀止档。阀轴架可保持阀对中并提供金属对金属的阀止档，从而确认每次阀都可完全打开
- 带橡胶密封件的精密加工阀可在断开后提供牢固的关系。
- 经过淬火处理的公接头和套筒以及实心棒料结构造就优质接头，它可最大的抵抗由于液压和机械冲击而造成的损坏。
- 耐用球锁机构保证每次都能可靠连接。更多数量的锁定钢球均匀分配工作负载，同时提供对中及旋转动作从而减小软管扭曲并延长软管使用期。警告：这类产品不能用作旋转接头，在压力下旋转会导致
- 过度或过早磨损。
- 套筒锁紧机构可防止接头在地上拖动时意外断开并与下列产品互换，美国派克 (PARKER) TC 系列。

FLOW DATA

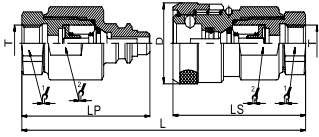
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
M14*1.5	10000	6

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	D	1	2	L	LS	
HNR-LSO-TE	M14*1.5	31	S22 六角	S26.5 对边	100.4	59.6	61.7

HNR-TF

Thread Connected Series

APPLICATION

- TF Series are widely used in hydraulicjacks,torque tools,rescue equipments.

FEATURES

- Specialvalvedesign eliminatespilagewhenconnecting anddisconnecting-
- Poppetvalves available topreventuncoupledleakage.
- Poppetvalves openautomatically when coupled. withinrated workingprssure,tokeepthe flowexpediely.
- Special materialsare used incrcraificalparts andhardened for durability
- Dependable ball-locking mechanismholds themating halves together
- Socketandplugare predision machinedfromsolid bar stock.Compaiblewith CEJN115Series,116 Series.

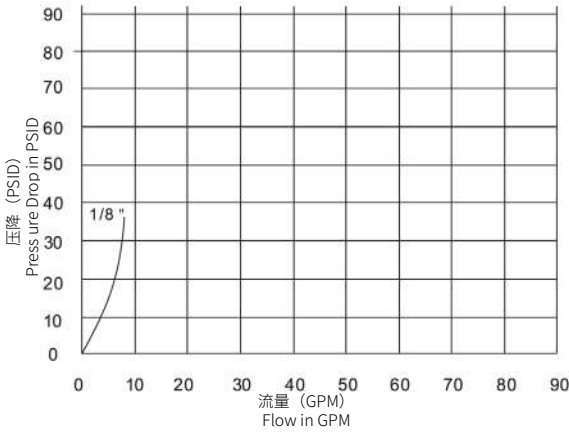
PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)

产品系列: TF (Product tested: TF series)

1GPM = 3.78L/Min

1PSID = 0.0069Mpa



应用

- TF 系列广泛应用于液压千斤顶、扳手、急救设备

特征

- 独特的阀设计，操作时无流体损失。
- 接头断开时，阀芯自动闭合，防止泄漏。
- 接头连接后，阀自动开启，在额定工作范围内始终保持流体的畅通
- 关键部件用特殊材料特殊热处理，所以耐用性好，可靠的球锁机构将相匹配的两半部分结合在一起，母插座和公插头采用实心的棒料精密制造，
- 并于下列产品互换 :CEJN115 系列、116 系列。

FLOW DATA

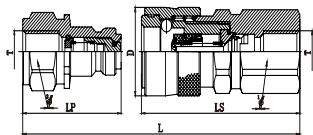
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	3915	6
3/8	4350	17
1/2	3190	20
3/4	2755	45
1	2175	74
1.1/4	1590	100
1.1/2	1590	119

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C/-65° C to +300° F
FKM	-29° C to +204° C/-15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

Coupling Fitting 连接器装配



PART NO.	T	D	1	2	L	LS
HNR-LSO-TF	G 1/4	28	S24 六角	S22 对边	81	61.2 38

Accessories 附件



规格	公接头防尘套	母堵头
TF	TF PDC-M	TF PDC-F

HNR-RD

Non-Valve Series

APPLICATION

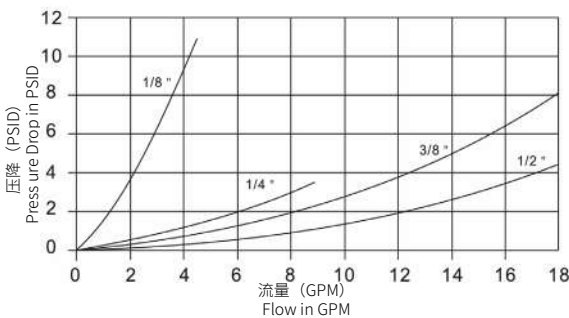
The RD Series are non-valved couplings for applications where maximum flow is required. Their smooth, open bore offers the lowest pressure drop of any quick coupling design and is ideal for applications such as high-pressure water and steam washers, carpet cleaners and mold coolant lines and many other non-valved applications.

FEATURES

- The smooth, open bore with no valving in either half
- offers minimal pressure drop and allows easy cleaning in applications where the same lines are used for more than one media.
- RD couplers and nipples are machined from solid bar stock providing the quality coupling that is durable.
- RD couplers are available in brass and 304 stainless steel as standard product materials.
- RD nipples are available in 304 stainless steel, brass.
- The RD is an "Interchange" coupling because the dimensionally and functionally can interchange with similar couplings made by other manufacturers. Compatible with NITTO TSP Series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: RD (Product tested: RD series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

RD 系列为无阀芯接头，用于需要最大流量的应用。其平滑通孔设计可提供比任一其他快换接头设计的更低压降并可理想的用于高压水和蒸汽冲洗设备、地毯清洁设备及铸模冷却管路方面的控用。其通常用于食品加工、流体及染料生产线。

特征

- 任一部分均无阀的平滑开孔产生最小的压降，并在相同管路使用一种以上的介质时，该种接头易于清洗。
- RD 阴接头及阳接头采用实心棒料加工制造，从而提供耐用的优质接头。RD 接头有黄铜及 304 不锈钢作为标准材料。
- RD 材料包括 304 不锈钢、黄铜
- RD 系列为一种互换式接头，因为它在规格和功能上可与其它制造商制造的类似连接件互换使用，与日东 (NITTO) TSP 系列互换。

FLOW DATA

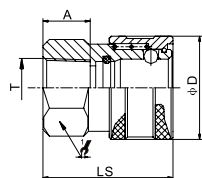
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	黄铜	不锈钢	额定流量 (GPM) Rated Flow
1/8		1000	2000	3
1/4		1000	2000	6
3/8		1000	1500	12
1/2		1000	1500	12

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

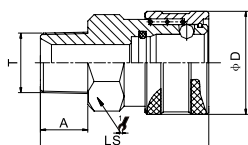
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



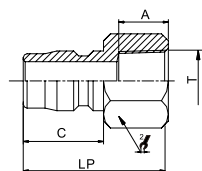
PART NO.	LS	ΦD	1	A	T
HNR-RD-01SF	27	17.5	14	9	ZG 1/8
HNR-RD-02SF	32	24	19	13	ZG 1/4
HNR-RD-03SF	35.8	28.3	23	13	ZG 3/8
HNR-RD-04SF	42.6	35	29	17	ZG 1/2
HNR-RD-06SF	49.5	41	36	18	ZG 3/4
HNR-RD-08SF	59.3	57.8	50	22	ZG 1

Socket 母插座



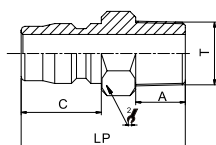
PART NO.	LS	ΦD	1	A	T
HNR-RD-01SM	30	17.5	14	9	ZG 1/8
HNR-RD-02SM	42	24	19	13	ZG 1/4
HNR-RD-03SM	46.3	28.3	23	13	ZG 3/8
HNR-RD-04SM	56.1	35	29	17	ZG 1/2
HNR-RD-06SM	61	41	36	18	ZG 3/4
HNR-RD-08SM	67.3	57.8	50	22	ZG 1

Plug 公插头



PART NO.	LS	ΦD	2	A	T
HNR-RD-01PF	26	15.5	14	9	ZG 1/8
HNR-RD-02PF	35	18	17	13	ZG 1/4
HNR-RD-03PF	38	21.2	21	13	ZG 3/8
HNR-RD-04PF	45	24.5	29	17	ZG 1/2
HNR-RD-06PF	50	28	32	18	ZG 3/4
HNR-RD-08PF	61	36	41	22	ZG 1

Plug 公插头



PART NO.	LS	ΦD	2	A	T
HNR-RD-01PM	32	15.5	12	9	ZG 1/8
HNR-RD-02PM	38	18	17	13	ZG 1/4
HNR-RD-03PM	43	21.2	19	13	ZG 3/8
HNR-RD-04PM	52	24.5	23	17	ZG 1/2
HNR-RD-06PM	56	28	29	18	ZG 3/4
HNR-RD-08PM	73	36	41	22	ZG 1

HNR-LST

Non-Valve Series

APPLICATION

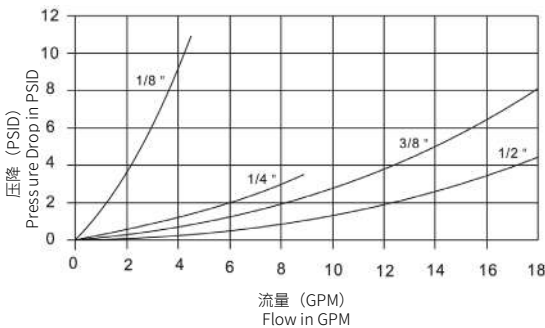
- The smooth, open bore with no valving in either half
- offers minimal pressure drop and allows easy cleaning
- in applications where the same lines are used for more than one media.
- RD couplers and nipples are machined from solid bar stock providing the quality coupling that is durable.
- RD couplers are available in brass and 304 stainless steel as standard product materials.
- RD nipples are available in 304 stainless steel, brass.
- The RD is an "Interchange" coupling because the dimensionally and functionally can interchange with similar couplings made by other manufacturers. Compatible with NITTO TSP Series.

FEATURES

- The smooth, open bore with no valving in either half
- offers minimal pressure drop and allows easy cleaning in applications where the same lines are used for more than one media.
- LST couplers and nipples are machined from solid bar stock providing the quality coupling that is durable.
- LST nipples are available in brass and zinc-Plated steel. The ball locking grooves of the steel LST nipples are case hardened for resistance to brinelling where high cycle rates and pressure surges are encountered.
- The LST is an "Interchange" coupling because the dimensionally and functionally can interchange with similar couplings made by other manufacturers. Compatible with PARKER ST Series, HANSEN ST Series, FOSTER FST Series.

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: LST (Product tested: LST series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



应用

- LST 系列为无阀芯接头，用于需要最大流量的应用。其平滑通孔设计可提供比任一其他快换接头设计的更低压降，并可理想地用于高压水和蒸汽冲洗设备、地毯清洁设备及铸模冷却管路方面的应用。其通常用于食品加工、流体及燃料转换生产线。

特征

- 任一部分均无阀的平滑开孔产生最小的压降，并在相同管路使用一种以上的介质时，该种接头易于清洗。
- LST 母插座及公插头采用实心棒料加工制造，从而提供耐用的优质接头。
- LST 公插头材料包括黄铜及镀锌碳钢。钢质 LST 公插头的球锁沟槽表面经过渗碳淬火处理，所以能抵抗高循环速度及高压冲击所造成的撞击剥蚀。
- LST 系列为一种互换式接头，因为它在规格和功能上可与其它制造商制造的类似连接件互换使用。
- 与下列产品互换：美国派克 (PARKER) ST 系列、美国汉森 (HANSEN) ST 系列、德国费斯托 (FOSTER) FST 系列。

FLOW DATA

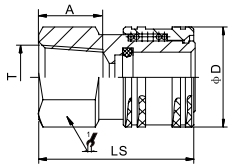
规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	黄铜	不锈钢	额定流量 (GPM) Rated Flow
1/8		1000	2000	3
1/4		1000	2000	6
3/8		1000	1500	12
1/2		1000	1500	12

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

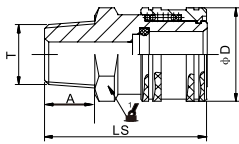
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



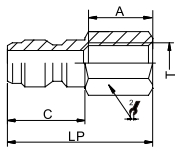
PART NO.	LS	ΦD	1	A	T
HNR-LST-01SF	27	18	14	10	NPT 1/8
HNR-LST-02SF	37	24	19	12	NPT 1/4
HNR-LST-03SF	41.5	29	24	13	NPT 3/8
HNR-LST-04SF	51	33	29	15	NPT 1/2
HNR-LST-06SF	53.4	40.9	38	19	NPT 3/4
HNR-LST-08SF	66	50.5	44.45	22	NPT 1

Socket 母插座



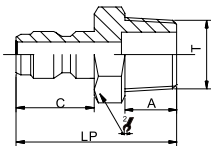
PART NO.	LS	ΦD	1	A	T
HNR-LST-01SM	29	18	14	10	NPT 1/8
HNR-LST-02SM	39.5	24	19	12	NPT 1/4
HNR-LST-03SM	43	29	24	13	NPT 3/8
HNR-LST-04SM	53	33	29	15	NPT 1/2
HNR-LST-06SM	56.7	40.9	38	19	NPT 3/4
HNR-LST-08SM	61.1	50.5	44.45	24	NPT 1

Plug 公插头



PART NO.	LS	ΦD	2	A	T
HNR-LST-01PF	27	17	14	10	NPT 1/8
HNR-LST-02PF	37	19.5	17	12	NPT 1/4
HNR-LST-03PF	41.5	22.5	22	13	NPT 3/8
HNR-LST-04PF	51	26	27	15	NPT 1/2
HNR-LST-06PF	52	28.5	30	20	NPT 3/4
HNR-LST-08PF	60	30.5	38	22	NPT 1

Plug 公插头



PART NO.	LS	ΦD	2	A	T
HNR-LST-01PM	29	17	11	10	NPT 1/8
HNR-LST-02PM	39.5	19.5	14	12	NPT 1/4
HNR-LST-03PM	43	22.5	17	13	NPT 3/8
HNR-LST-04PM	53	26	22	15	NPT 1/2
HNR-LST-06PM	57.2	28.5	27	19	NPT 3/4
HNR-LST-08PM	62.4	30.5	35	22	NPT 1

HNR-TPL

Non-Valve Series

APPLICATION

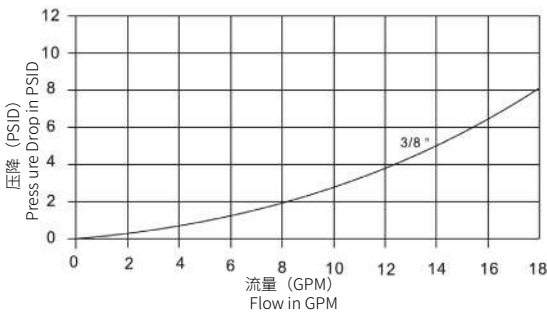
• The TPL Series are non-valved couplings for applications where maximum flow is required. Their smooth, open bore offers the lowest pressure drop of any quick coupling design and is ideal for applications such as high-pressure water and steam washers, carpet cleaners and mold coolant lines and many other non-valved applications.

FEATURES

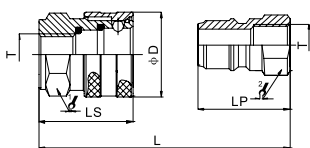
- The smooth, open bore with no valving in either half
- offers minimal pressure drop and allows easy cleaning in applications where the same lines are used for more than one media.
- TPL couplers and nipples are machined from solid bar stock providing the quality coupling that is durable.
- TPL nipples are available in brass and zinc-plated steel. The ball locking grooves of the steel TPL nipples are case hardened for resistance to brinelling where high cycle rates and pressure surges are encountered.
- The TPL is an "Interchange" coupling because it is dimensionally and functionally can interchange with similar couplings made by other manufacturers.
- Compatible with 3/8" TEMA 3800 KEW

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: TPL (Product tested: TPL series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



Coupling Fitting 连接器装配



PART NO.	T	ΦD	1	2	L	LS	LP
HNR-TPL-03	G 3/8	35	30	22	53.5	39	38



应用

• TPL 系列为无阀芯接头，用于需要最大流量的应用。其平滑通孔设计可提供比任一其他快换接头设计的更低压降，并可理想地用于高压水和蒸汽冲洗设备、地毯清洁设备及铸模冷却管路方面的应用。其通常用于食品加工、流体及燃料转换生产线。

特征

- 任一部分均无阀的平滑开孔产生最小的压降，并当在相同管路使用一种以上的介质时，该种接头易于清洗。
- TPL 母插座及公插头采用实心棒料加工制造，从而提供耐用的优质接头。
- TPL 公插头材料包括黄铜及镀锌碳钢。钢质 TPL 公插头的球锁沟槽表面经过渗碳淬火处理，所以能抵抗高循环速度及高压冲击所造成的撞击剥蚀。
- TPL 系列为一种互换式接头，因为它在规格和功能上可与其它制造商制造的类似连接件互换使用。并与下列产品互换: 3/8" TEMA 3800 KEW。

FLOW DATA

规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
3/8	2000	12

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

HNR-TM

Non-Valve Series

APPLICATION

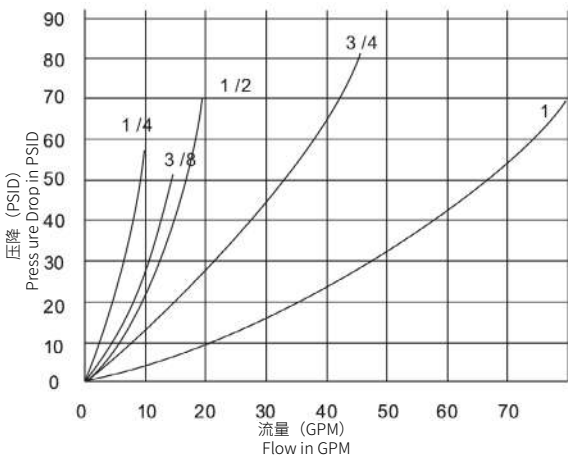
- Poppet valves available to prevent uncoupled leakage.
- open automatically when coupled, within rated working pressure, to keep the flow expedite.
- Optimized internal flow channel provides better flow performance.
- Critical parts are hardened for durability. Dependable ball-locking mechanism holds the mating halves together.
- Socket and plug are precision machined from solid bar stock.
- Compatible with TEMATH series, STUCCHI
- IRC series.

FEATURES

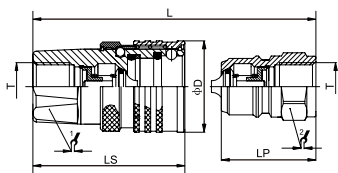
- The smooth, open bore with no valving in either half offers minimal pressure drop and allows easy cleaning in applications where the same lines are used for more than one media. TPL couplers and nipples are machined from solid bar stock providing the quality coupling that is durable.
- TPL nipples are available in brass and zinc-plated steel. The ball locking grooves of the steel TPL nipples are case hardened for resistance to brinelling where high cycle rates and pressure surges are encountered. The TPL is an "Interchange" coupling because the dimensions and functionally can interchange with similar couplings made by other manufacturers. Compatible with 3/8" TEMA 3800 KEW

PERFORMANCE

测试流体: 油 -200SUS (Test Fluid: Oil-200SUS)
 产品系列: TM (Product tested: TM series)
 1GPM = 3.78L/Min
 1PSID = 0.0069Mpa



Coupling Fitting 连接器装配



PART NO.	T	1	2	ΦD	L	LS	LS
HNR-TM-02SM	G 1/4	S21 六角	S18 六角	26	81.8	60	48.2
HNR-TM-03SM	G 3/8	S24 六角	S22 六角	35	76.7	61	38
HNR-TM-04SM	G 1/2	S30 六角	S27 六角	41	85.5	67.5	42.5
HNR-TM-06SM	G 3/4	S38 六角	S36 六角	52	94.5	76.4	47
HNR-TM-08SM	G 1	S45 六角	S45 六角	62	113.8	92.4	56.5



应用

- TM 系列广泛应用于各种工业所需的连接, 主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

特征

- TM 系列接头具有以下特征:
- 接头断开时, 阀芯自动闭合, 防止泄漏。
- 接头连接后, 阀自动开启, 在额定工作范围内, 始终保持流体的畅通。
- 内部流道优化设计, 提供更好的流量性能。
- 关键部件经过感应淬火, 所以耐用性好。
- 可靠的球锁机构将相匹配的两半部分结合在一起。
- 母插座及公插头采用实心的棒料精工制造。
- 并与下列产品互换: (TEMA)TH, (STUCCHI)IRC 系列。

FLOW DATA

规格 (in.) Body Size	额定压力 (PSI) Rated Pressure	额定流量 (GPM) Rated Flow
1/4	5800	4
3/8	5000	10
1/2	4785	20
3/4	4785	50
1	4785	80

SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

*For reference only, based on Hainar recommended temperatures.

HNR-Q/ZB275-77

Non-Valve Series

APPLICATION

• The HNR-Q/ZB275-77 Series brings to the industry aproven design foruse on construction equipment, forestry equipment,agriculturalmachinery,oiltools,steelmill machinery,and other demandinghydraulic applications.

应用

• HNR-Q/ZB275-77 系列广泛应用于各种工业所需的连接, 主要用于建筑设备、森林设备、农业机械、液压机具、钢铁设备及其它所需的液压应用。

FLOW DATA

规格 (in.) Body Size	额定压力 (PSI) Rated Pressure
M16*1.5	5000
M22*1.5	5000
M27*1.5	5000
M30*1.5	5000
M36*2	4000
M42*2	4000
M52*2	3000
M60*2	2000
M68*2	2000

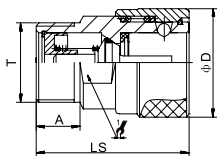


SEAL ELASTOMER DATA

密封件 Seal Elastomer	最大工作温度范围 Max. Operation Temperature Range
Nitrile (NBR)	-20°C to +120°C
EPDM	-54° C to +149° C / -65° C to +300° F
FKM	-29° C to +204° C / -15° F to +400° F

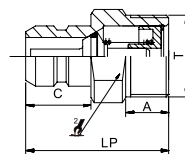
*For reference only, based on Hainar recommended temperatures.

Socket 母插座



PART NO.	LS	ΦD	1	A	T
HNR-Q/ZB275-7706SM	44	28	19	13	M16*1.5
HNR-Q/ZB275-7708SM	46	31	22	13	M22*1.5
HNR-Q/ZB275-7710SM	52	35	27	13	M27*1.5
HNR-Q/ZB275-7715SM	56	39.6	30	16	M30*1.5
HNR-Q/ZB275-7720SM	65	48	36	16.5	M36*2
HNR-Q/ZB275-7725SM	73	55	46	20	M42*2
HNR-Q/ZB275-7732SM	84	64.5	55	22	M52*2
HNR-Q/ZB275-7740SM	93	78	65	26	M60*2
HNR-Q/ZB275-7750SM	99	82	70	30	M68*2

Plug 公插头



PART NO.	LP	C	2	A	T
HNR-Q/ZB275-7706PM	40	18	19	13	M16*1.5
HNR-Q/ZB275-7708PM	41	19	22	13	M22*1.5
HNR-Q/ZB275-7710PM	46	22	27	13	M27*1.5
HNR-Q/ZB275-7715PM	52.5	24	30	16	M30*1.5
HNR-Q/ZB275-7720PM	58.5	29	36	16.5	M36*2
HNR-Q/ZB275-7725PM	65.5	31	46	20	M42*2
HNR-Q/ZB275-7732PM	79	36	55	22	M52*2
HNR-Q/ZB275-7740PM	89.5	39.5	65	26	M60*2
HNR-Q/ZB275-7750PM	96.5	41	70	30	M68*2

HNR-KJ

Non-Valve Series

APPLICATION

- Uses and Characteristics: This connector is suitable for use in hydraulic systems where oil, water, and air are the mediums.
- The nominal pressure is 32 MPa.
- The operating temperature range is from -20° C to +120° C.

应用

- 用途与特点：本接头适用于液压系统中以油、水、空气为介质的场合。
- 公称压力为 32Mpa
- 介质温度为 -20°C至 +120°C。

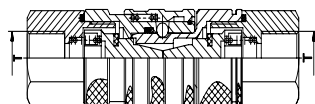
Socket 母插座



Plug 公插头



Coupling Fitting 连接器装配



通径 (D)	工作压力 MPa	螺纹 (T)
6.3	31.5	M16*1.5
10	31.5	M18*1.5
12.5	31.5	M27*1.5
20	25	M30*1.5
25	25	M33*2
31.5	20	M52*2
40	16	M60*2
50	16	M68*2

HNR-LKJI

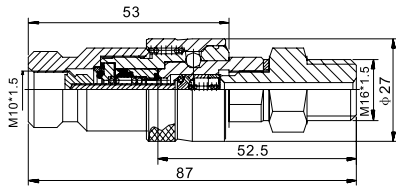
Non-Valve Series

FEATURES

- Applicable for the connectors between equipment of hydraulic pipe in superhigh pressure separate type
- Withstand pressure: 70Mpa

特征

- 用于超高压分离式液压管路、设备之间的连接件。
- 耐压：70Mpa



HNR-PCV

- PCV 日本式
- PCV Japanesetype



HNR-ZZP

- ZZP 联邦式
- ZZP U.K.Type



HNR-FCK

- FCK 意式快速接头
- FCK Italian Type Quick Coupling



通径 (D)	工作压力 (Mpa)	螺纹 (T)
6	1.6-4	ZG 1/4
8	1.6-4	ZG 1/4
10	1.6-4	ZG 1/4

HNR-AN

Non-Valve Series

FEATURES

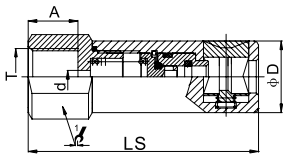
- Features: Single handed operation press button type
- Advantages: Single handed insert directly into coupling, Press button to disconnect, It suitable used in restricted space. Application: Oil, Chemical line
- Working pressure: 6Mpa.
- Working temperature: -20°C to +120°C

特征

- 产品描述: 单手操作、按钮式
- 技术优势: 单手插入、按钮分开, 适用于工况空间受限的场合操作
- 产品应用: 石油, 化工行业
- 工作压力: 6Mpa
- 工作温度: -20°C至 +120°C

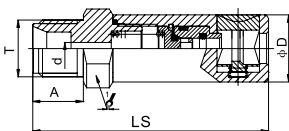


SF



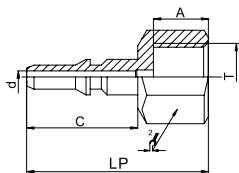
PART NO.	LS	ΦD	1	A	T	d
HNR-AN-02SF	53.5	16.6	17	11.5	G 1/4	Φ3

SM



PART NO.	LS	ΦD	1	A	T	d
HNR-AN-02SM	58.3	16.6	17	2.5	M14*1.5	Φ3

PF



PART NO.	LP	C	2	A	T	d
HNR-AN-02PF	38	23.2	17	1.5	G 1/4	Φ2.5

HNR-300

Meet ARO 210 Standard

Non-Valve Series

FEATURES

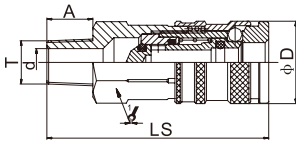
- Effective Bore Diameter: 5.5 mm, ARO210 standard.
- Technical Advantages: High-flow valve, one-hand operation.
- Applications: Pneumatic tools, production and assembly lines, mechanical equipment.
- Interchangeability:
 - Parker 50 Series
 - Rectus 22KA Series
 - CEJN 300 Series
- Working Pressure: 1.6 MPa
- Operating Temperature: -20° C to +120° C
- Optional Material: Brass



应用

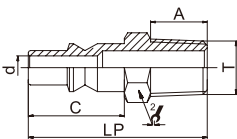
- 产品描述: 有效通径 5.5 毫米, ARO210 标准品
- 技术优势: 超大流量阀。单手操作。
- 产品应用: 气动工具, 生产和装配线, 机械设备
- 互换性:
 - 派克 (PARKER)50 系列
 - 利时达 (RECTUS)22KA 系列
 - 希恩 (CEJN)300 系列
- 工作压力 :1.6MPa
- 工作温度 : -20°C至 +120°C
- 黄铜材质可选

SM



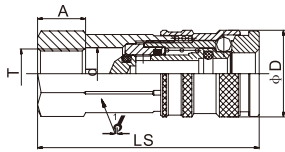
PART NO.	LS	D	1	A	T	d
HNR-300-02SM	62.8	23.3	20	13	ZG 1/4	7.8
HNR-300-03SM	60.8	23.3	20	13	ZG 3/8	11.3

PM



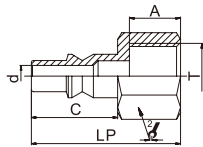
PART NO.	LP	C	2	A	T	d
HNR-300-02PM	41	22	14	13	ZG 1/4	5.4
HNR-300-03PM	41.5	22	17	13	ZG 3/8	5.4

SF



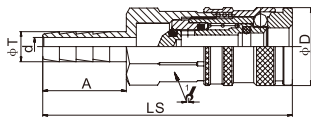
PART NO.	LS	ΦD	1	A	T	d
HNR-300-02SF	59.8	23.3	20	13	G 1/4	14
HNR-300-03SF	59.8	23.3	22	12	G 3/8	14

PF



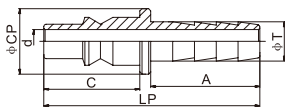
PART NO.	LP	C	2	A	T	d
HNR-300-02PF	38	22	17	13	G 1/4	5.4
HNR-300-03PF	38	22	19	13	G 3/8	5.4

SH



PART NO.	LS	ΦD	1	A	ΦT	d
HNR-300-01SH	69.8	23.3	20	20	7	4
HNR-300-02SH	74.8	23.3	20	25	9	5.5
HNR-300-03SH	74.8	23.3	20	25	11	7.5

PH



PART NO.	LP	C	ΦCP	A	ΦT	d
HNR-300-01PH	44.5	22	15	20	7	5.4
HNR-300-02PH	49.5	22	15	25	9	5.4
HNR-300-03PH	49.5	22	15	25	11	5.4

HNR-315

Meet Japanese standard

FEATURES

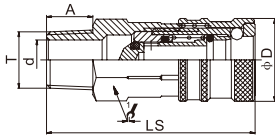
- Product Description
- Effective Bore Diameter: 7.5 mm, Japanese standard.
- Technical Advantages: High-flow valve, one-hand operation.
- Applications: Pneumatic tools, automotive industry, compressed air systems, engineering support.
- Interchangeability:
- Nitto HI-CUPLA Series
- CEJN 315 Series
- Rectus 13KA Series
- Working Pressure: 1.6 MPa
- Operating Temperature: -20° C to +120° C
- Optional Material: Brass



特征

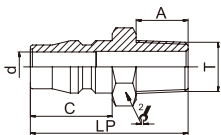
- 产品描述：有效通径 7.5 毫米，日本标准。
- 技术优势：超大流量阀。单手操作。
- 产品应用：气动工具，汽车工业，压缩空气，工程配套。
- 互换性：
- 日东 (NITTO)HI-CUPLA 系列
- 希恩 (CEJN)315 系列
- 利时达 (RECTUS)13KA 系列
- 工作压力 :1.6MPa
- 工作温度 : -20°C至 +120°C
- 黄铜材质可选

SM



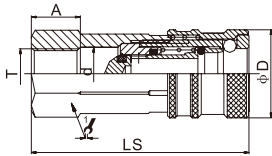
PART NO.	LS	ΦD	1	A	T	d
HNR-315-02SM	62.8	23.3	20	13	ZG 1/4	7.8
HNR-315-03SM	60.8	23.3	20	13	ZG 3/8	11.3

PM



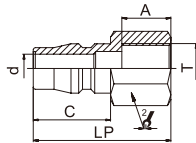
PART NO.	LP	C	2	A	T	d
HNR-315-02PM	39.5	20.5	17	13	G 1/4	7.5
HNR-315-03PM	40	20.5	17	13	G 3/8	7.5

SF



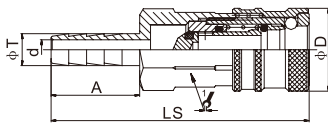
PART NO.	LS	D	1	A	T	d
HNR-315-02SF	57.7	23.3	20	13	ZG 1/4	14
HNR-315-03SF	57.7	23.3	22	12	ZG 3/8	14

PF



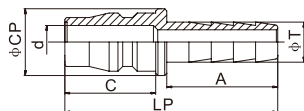
PART NO.	LP	C	2	A	T	d
HNR-315-02PF	36.5	20.5	17	13	G 1/4	7.5
HNR-315-03PF	36.5	20.5	19	13	G 3/8	7.5

SH



PART NO.	LS	ΦD	1	A	ΦT	d
HNR-315-01SH	67.7	23.3	20	20	7	4
HNR-315-02SH	72.7	23.3	20	25	9	5.5
HNR-315-03SH	72.7	23.3	20	25	11	7.5

PH



PART NO.	LP	C	ΦCP	A	ΦT	d
HNR-315-01PH	43	20.5	15	20	7	7.5
HNR-315-02PH	48	20.5	15	25	9	7.5
HNR-315-03PH	48	20.5	15	25	11	7.5

HNR-320

Meet European standard

FEATURES

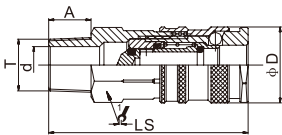
- Effective Bore Diameter: 7.6 mm, European standard.
- Technical Advantages: High-flow valve, one-hand operation.
- Applications: Pneumatic tools, automotive industry, construction machinery.
- Interchangeability:
- CEJN 320 Series
- Rectus 25KA and 26KA Series
- Working Pressure: 1.6 MPa
- Operating Temperature: -20° C to +120° C
- Optional Material: Brass



特征

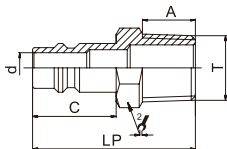
- 产品描述：有效通径 7.6 毫米，欧洲标准。
- 技术优势：超大流量阀。单手操作。
- 产品应用：气动工具，汽车工业，工程机械。
- 互换性：希恩 (CEJN)320 系列
- 利时达 (RECTUS)25KA 与 26KA 系列
- 工作压力：1.6MPa
- 工作温度：-20°C 至 +120°C
- 黄铜材质可选

SM



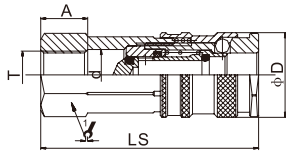
PART NO.	LS	ΦD	1	A	ΦT	d
HNR-320-02SM	63.2	23.3	20	13	ZG 1/4	7.8
HNR-320-03SM	61.2	23.3	20	13	ZG 3/8	11.3

PM



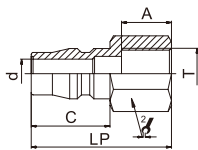
PART NO.	LP	C	2	A	T	d
HNR-320-02PM	39.5	20.5	17	13	G 1/4	7.5
HNR-320-03PM	40	20.5	17	13	G 3/8	7.5

SF



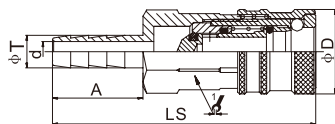
PART NO.	LS	ΦD	1	A	T	d
HNR-320-02SF	60.2	23.3	20	13	ZG 1/4	14
HNR-320-03SF	60.2	23.3	22	12	ZG 3/8	14

PF



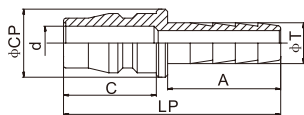
PART NO.	LP	C	2	A	T	d
HNR-320-02PF	36.5	20.5	17	13	G 1/4	7.5
HNR-320-03PF	36.5	20.5	19	13	G 3/8	7.5

SH



PART NO.	LS	ΦD	1	A	ΦT	d
HNR-320-01SH	67.7	23.3	20	20	7	4
HNR-320-02SH	72.7	23.3	20	25	9	5.5
HNR-320-03SH	72.7	23.3	20	25	11	7.5

PH



PART NO.	LP	C	ΦCP	A	ΦT	d
HNR-320-01PH	43	20.5	15	20	7	7.5
HNR-320-02PH	48	20.5	15	25	9	7.5
HNR-320-03PH	48	20.5	15	25	11	7.5

HNR-430

Meet ISO 6150-B standard

FEATURES

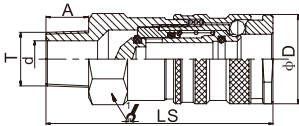
- Effective Bore Diameter: 8.2 mm, ISO6150B standard.
- Technical Advantages: High-flow valve, one-hand operation.
- Applications: Pneumatic tools, automotive industry, construction machinery.
- Interchangeability:
- CEJN 430 Series
- Working Pressure: 1.6 MPa
- Operating Temperature: -20° C to +120° C
- Optional Material: Brass



特征

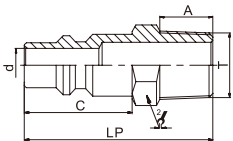
- 产品描述：有效通径 8.2 毫米，ISO6150B 标准产。
- 技术优势：超大流量阀。单手操作。
- 产品应用：气动工具，汽车工业，工程机械。
- 互换性：希恩 (CEJN)430 系列
- 工作压力：1.6MPa
- 工作温度：-20°C至 +120°C
- 黄铜材质可选

SM



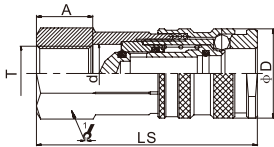
PART NO.	LS	ΦD	1	A	T	d
HNR-430-03SM	69.3	27.2	24	13	ZG 3/8	11.3
HNR-430-04SM	69.8	27.2	24	16	ZG 1/2	11.3

PM



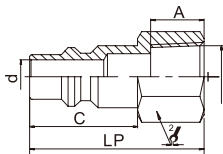
PART NO.	LP	C	2	A	T	d
HNR-430-03PM	46	26.3	17	13	ZG 3/8	8.2
HNR-430-04PM	51	26.3	22	16	ZG 1/2	8.2

SF



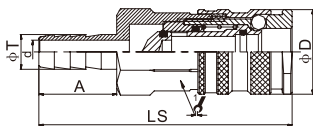
PART NO.	LS	ΦD	1	A	T	d
HNR-430-03SF	67.3	27.2	24	17.1	ZG 3/8	14
HNR-430-04SF	68.3	27.2	27	16	ZG 1/2	17.9

PF



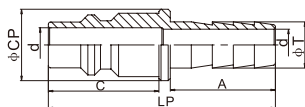
PART NO.	LP	C	2	A	T	d
HNR-430-03PF	42.5	26.3	19	13	ZG 3/8	8.2
HNR-430-04PF	47	26.3	27	16	ZG 1/2	8.2

SH



PART NO.	LS	ΦD	1	A	ΦT	d
HNR-430-03SH	81.3	27.2	24	25	11	7.5
HNR-430-04SH	86.3	27.2	24	30	15	10

PH



PART NO.	LP	ΦCP	2	A	ΦT	d
HNR-430-03PH	54	26.3	17	25	11	8.2
HNR-430-04PH	59	26.3	17	30	15	8.2

HNR-550

Meet ISO 6150-B standard

FEATURES

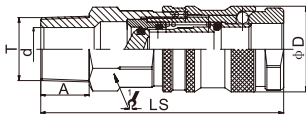
- Effective Bore Diameter: 11 mm, ISO6150B standard.
- Technical Advantages: High-flow valve, one-hand operation.
- Applications: Pneumatic tools, automotive industry, construction machinery.
- Interchangeability:
- CEJN 550 Series
- Working Pressure: 1.6 MPa
- Operating Temperature: -20° C to +120° C
- Optional Material: Brass



特征

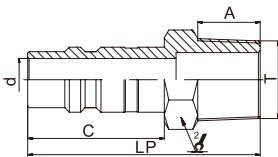
- 产品描述：有效通径 11 毫米，ISO6150B 标准。
- 技术优势：超大流量阀。单手操作。
- 产品应用：气动工具，汽车工业，工程机械。
- 互换性：希恩 (CEJN)550 系列
- 工作压力：1.6MPa
- 工作温度：-20°C至 +120°C
- 黄铜材质可选

SM



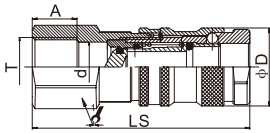
PART NO.	LS	ΦD	1	A	T	d
HNR-550-04SM	79.9	28.1	24	24	ZG 1/2	14
HNR-550-06SM	81.8	28.1	27	26	ZG 3/4	18

PM



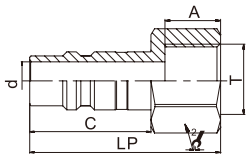
PART NO.	LP	C	2	A	T	d
HNR-550-04PM	59.5	35	22	16	ZG 1/2	11
HNR-550-06PM	63	35	27	18	ZG 3/4	11

SF



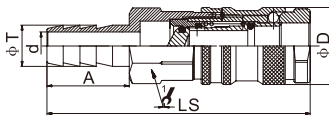
PART NO.	LS	ΦD		A	T	d
HNR-550-04SF	78.3	28.1	27	16	ZG 1/2	17.9
HNR-550-06SF	79.8	28.1	32	18	ZG 3/4	17.9

PF



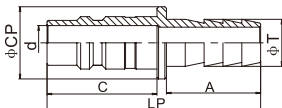
PART NO.	LP	C	2	A	T	d
HNR-550-04PF	55	35	27	16	ZG 1/2	11
HNR-550-06PF	57	35	32	18	ZG 3/4	11

SH



PART NO.	LS	ΦD	1	A	ΦT	d
HNR-550-04SH	96.3	28.1	24	30	15	10
HNR-550-06SH	96.3	28.1	24	30	20.5	15

PH



PART NO.	LP	CP	C	A	T	d
HNR-550-04PH	68	35	23	30	15	11

HNR-AA

Non-Valve Series

FEATURES

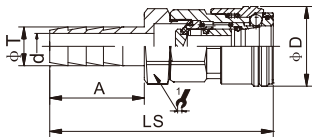
- Features: One-hand operation.
- Technical Advantages: One-hand operation, Lightweight design, High flow capacity, Multiple connection options available.
- Applications: Pneumatic tools, Automotive industry, Compressed air systems, Engineering support, Compressors.
- Interchangeability:
- Nitto HI-CUPLA Series
- CEJN 315 Series
- Rectus 13KA Series
- Working Pressure: 1.0 MPa
- Operating Temperature: -20° C to +120° C



特征

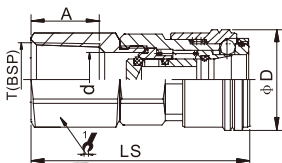
- 产品描述: 单手操作。
- 技术优势: 单手操作, 重量轻, 流量高, 多种连接备选。
- 产品应用: 气动工具, 汽车工业, 压缩空气, 工程配套, 压缩机。
- 互换性: 日东 (NITTO) HI-CUPLA 系列
- 希恩 (CEJN) 315 系列
- 利达时 (RECTUS) 13KA 系列
- 工作压力: 1.0MPa
- 工作温度: -20°C至 +120°C

SH



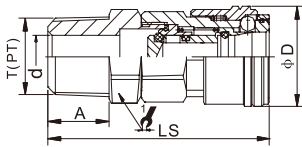
PART NO.	LS	ΦD	1	A	ΦT	d
HNR-AA-01SH	64.5	26.5	19	20	7	4
HNR-AA-02SH	69.5	26.5	19	25	9	5
HNR-AA-03SH	69.5	26.5	19	25	11	7

SF



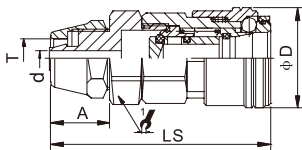
PART NO.	LS	ΦD	1	A	T (BSP)	d
HNR-AA-02SF	52.5	26.5	19	13	BSP 1/4"19P	10
HNR-AA-03SF	52.5	26.5	19	13	BSP 3/8"19P	10
HNR-AA-04SF	52.5	26.5	24	14	BSP 1/2"14P	10

SM



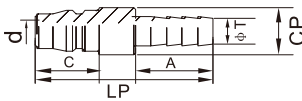
PART NO.	LS	ϕD	1	A	T(PT)	d
HNR-AA-02SM	50	26.5	19	13	PT 1/4"19P	7
HNR-AA-03SM	50	26.5	19	13	PT 3/8"19P	10
HNR-AA-04SM	53	26.5	22	16	PT 1/2"14P	11.5

SP



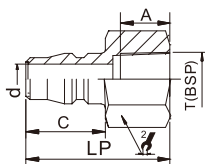
PART NO.	LS	ϕD	1	A	T	d
HNR-AA-01SP	50.5	26.5	19	14	6*4	2.8
HNR-AA-02SP	52	26.5	19	15	8*5	4
HNR-AA-03SP	54	26.5	19	17	10*6.5	5
HNR-AA-04SP	55.5	26.5	19	19	12*8	6.5

PH



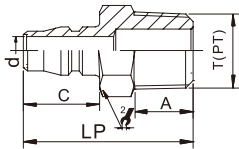
PART NO.	LP	C	CP	A	ϕT	d
HNR-AA-01PH	47.5	20.5	16	20	7	7.5
HNR-AA-02PH	52.5	20.5	16	25	9	7.5
HNR-AA-03PH	52.5	20.5	16	25	11	7.5

PF



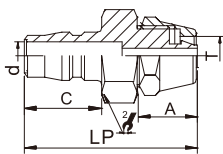
PART NO.	LP	C	2	A	T (BSP)	d
HNR-AA-02PF	36.5	20.5	17	13	BSP 1/4"19P	7.5
HNR-AA-03PF	36.5	20.5	19	15	BSP 3/8"19P	7.5
HNR-AA-04PF	41.5	20.5	24	16	BSP 1/2"14P	7.5

PM



PART NO.	LP	C	2	A	T(PT)	d
HNR-AA-02PM	36.5	20.5	14	9.5	PT 1/4"19P	7.5
HNR-AA-03PM	39.5	20.5	17	13	PT 3/8"19P	7.5
HNR-AA-04PM	42.5	20.5	22	15	PT 1/2"14P	7.5

PP



PART NO.	LP	C	2	A	T	d
HNR-AA-01PP	40	20.5	14	14	6*4	7.5
HNR-AA-02PP	41	20.5	14	15	8*5	7.5
HNR-AA-03PP	43	20.5	17	17	10*6.5	7.5
HNR-AA-04PP	45.5	20.5	19	19	12*8	7.5

HNR-AB

Non-Valve Series

FEATURES

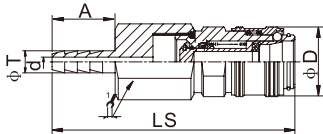
- Features: One-hand operation.
- Technical Advantages:
 - One-hand operation
 - Lightweight design
 - High flow capacity
 - Multiple connection options available
- Applications:
 - Pneumatic tools
 - Automotive industry
 - Compressed air systems
 - Engineering support
 - Compressors
- Interchangeability:
 - Nitto HI-CUPLA Series
 - CEJN 315 Series
 - Rectus 13KA Series
- Working Pressure: 1.0 MPa
- Operating Temperature: -20° C to +120° C



特征

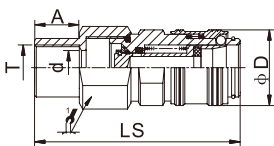
- 产品描述: 单手操作。
- 技术优势: 单手操作, 重量轻, 流量高, 多种连接备选。
- 产品应用: 气动工具, 汽车工业, 压缩空气, 工程配套, 压缩机。
- 互换性: 日东 (NITTO)HI-CUPLA 系列
- 希恩 (CEJN)315 系列
- 利达时 (RECTUS)13KA 系列
- 工作压力: 1.0MPa
- 工作温度: -20°C至 +120°C

SH



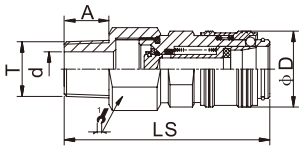
PART NO.	LS	ϕD	1	A	ϕT	d
HNR-AB-01SH	72	22	22	20	7	3
HNR-AB-02SH	77	22	22	25	9	5
HNR-AB-03SH	77	22	22	25	11.2	7

SF



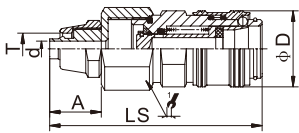
PART NO.	LS	ϕD	1	A	T (BSP)	d
HNR-AB-02SF	60	22	22	13	BSP 1/4"	10
HNR-AB-03SF	60	22	22	13	BSP 3/8"	10
HNR-AB-04SF	62	22	22	14	BSP 1/2"	10

SM



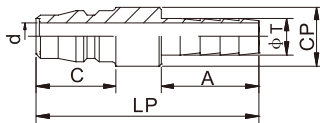
PART NO.	LS	ΦD	1	A	T(PT)	d
HNR-AB-02SM	60	22	22	13	PT 1/4"	7
HNR-AB-03SM	60	22	22	13	PT 3/8"	10
HNR-AB-04SM	61	22	22	14	PT 1/2"	14

SP



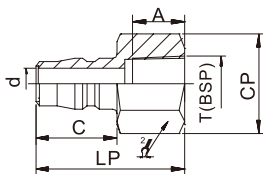
PART NO.	LS	ΦD	1	A	T	d
HNR-AB-01SP	60	22	22	13	6*4	2.8
HNR-AB-02SP	62	22	22	15	8*5	3.8
HNR-AB-03SP	64	22	22	17	10*6.5	5
HNR-AB-04SP	64	22	22	17	12*8	6.5

PH



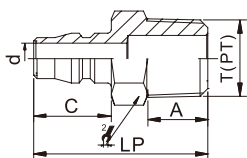
PART NO.	LP	CP	C	A	ΦT	d
HNR-AB-01PH	47.5	20.5	16	20	7	7.5
HNR-AB-02PH	52.5	20.5	16	25	9	7.5
HNR-AB-03PH	52.5	20.5	16	25	11.2	7.5

PF



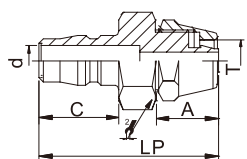
PART NO.	LP	C	2	A	T (BSP)	d
HNR-AB-02PF	36.5	20.5	17	13	BSP 1/4	7.5
HNR-AB-03PF	36.5	20.5	19	15	BSP 3/8	7.5
HNR-AB-04PF	41.5	20.5	24	16	BSP 1/2	7.5

PM



PART NO.	LP	C	2	A	T(PT)	d
HNR-AB-02PM	36.5	20.5	14	9.5	PT 1/4	7.5
HNR-AB-03PM	39.5	20.5	17	13	PT 3/8	7.5
HNR-AB-04PM	42.5	20.5	22	15	PT 1/2	7.5

PP



PART NO.	LP	C	2	A	T	d
HNR-AB-01PP	40	20.5	14	14	6*4	7.5
HNR-AB-02PP	41	20.5	14	15	8*5	7.5
HNR-AB-03PP	43	20.5	17	17	10*6.5	7.5
HNR-AB-04PP	45.5	20.5	19	19	12*8	7.5

HNR-C

Non-Valve Series

APPLICATION

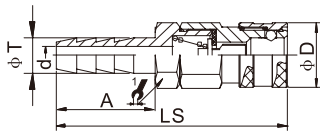
- Features: it is widely used in Asia Market.
- Advantages: Simple structure, light weight, various of connection
- Application: pneumatic tools, automotive, compressed air, machinery equipments and compressor
- Interchangeability: Nitto H-CUPLA series, CEJN 315 Series, Rectus 13KA series
- Working Pressure: 1.0MPa
- Working Temperature: -20°C to +120°C SS304 and brass material is optional



特征

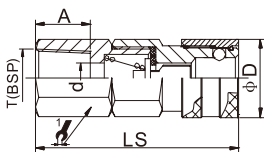
- 产品描述：亚洲最为广泛使用的连接头型。
- 技术优势：结构简单，重量轻，多种连接设备。
- 产品应用：气动工具，汽车工业，压缩空气，工程配套，压缩机。
- 互换性：日东 (NITTO) HI-CUPLA 系列
- 希恩 (CEJN) 315 系列
- 利达时 (RECTUS) 13KA 系列。
- 工作压力：1.0MPa
- 工作温度：-20°C 至 +120°C
- 不锈钢和黄铜材质可选

SH



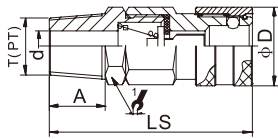
PART NO.	LS	ΦD	1	A	ΦT	d
HNR-C-01SH	62	25.5	19	20	7	4
HNR-C-02SH	67.5	25.5	19	25	9	5
HNR-C-03SH	67.5	25.5	19	25	11	7

SF



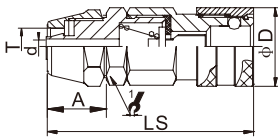
PART NO.	LS	ΦD	1	A	T (BSP)	d
HNR-C-02SF	52.5	25.5	19	13	BSP 1/4"19P	9
HNR-C-03SF	52.5	25.5	19	15	BSP 3/8"19P	9
HNR-C-04SF	55.5	25.5	24	16	BSP 1/2"14P	9

SM



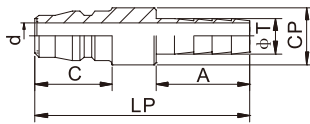
PART NO.	LS	ΦD	1	A	T(PT)	d
HNR-C-02SM	55.5	25.5	19	13	PT 1/4"19P	7
HNR-C-03SM	56	25.5	19	13	PT 3/8"19P	10
HNR-C-04SM	58.5	25.5	22	16	PT 1/2"14P	14

SP



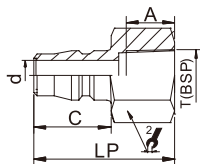
PART NO.	LS	ΦD	1	A	T	d
HNR-C-01SP	56.5	25.5	19	14	6*4	2.8
HNR-C-02SP	57.5	25.5	19	15	8*5	4
HNR-C-03SP	59.5	25.5	19	17	10*6.5	5
HNR-C-04SP	61.5	25.5	19	19	12*8	6.5

PH



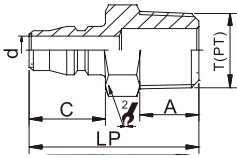
PART NO.	LP	C	CP	A	ΦT	d
HNR-C-01PH	47.5	20.5	16	20	7	7.5
HNR-C-02PH	52.5	20.5	16	25	9	7.5
HNR-C-03PH	52.5	20.5	16	25	11	7.5

PF



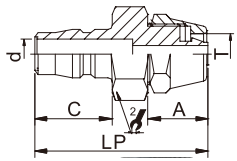
PART NO.	LP	C	2	A	T (BSP)	d
HNR-C-02PF	36.5	20.5	17	15	BSP 1/4"19P	7.5
HNR-C-03PF	36.5	20.5	19	15	BSP 3/8"19P	7.5
HNR-C-04PF	41.5	20.5	24	16	BSP 1/2"14P	7.5

PM



PART NO.	LP	C	A	T(PT)	d	
HNR-C-02PM	36.5	20.5	14	9.5	PT 1/4"19P	7.5
HNR-C-03PM	39.5	20.5	17	13	PT 3/8"19P	7.5
HNR-C-04PM	42.5	20.5	22	15	PT 1/2"14P	7.5

PP



PART NO.	LP	D	A	T	d	
HNR-C-01PP	40	20.5	14	14	6*4	7.5
HNR-C-02PP	41	20.5	15	15	8*5	7.5
HNR-C-03PP	43	20.5	17	17	10*6.5	7.5
HNR-C-04PP	45.5	20.5	19	19	12*8	7.5

HNR-A

Non-Valve Series

FEATURES

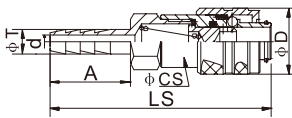
- Features: One-hand operation.
- Technical Advantages:
- Compact size
- Lightweight
- One-hand operation
- Multiple connection options
- Applications:
- Pneumatic tools
- Textile machinery industry
- Engineering support
- Working Pressure: 1.0 MPa
- Operating Temperature: -20° C to +120° C

特征

- 产品描述：单手操作。
- 技术优势：体积小，重量轻，单手操作，多种连接备选。
- 产品应用：气动工具，纺机行业，工程配套。
- 工作压力：1.0MPa
- 工作温度：-20°C至 +120°C

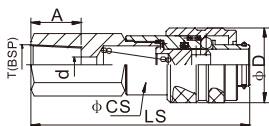


SH



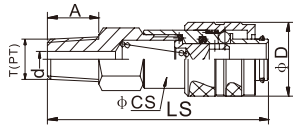
PART NO.	LS	D	ΦCS	A	ΦT	d
HNR-A-01SH	58	19	15	25	7	3
HNR-A-02SH	58	19	15	25	9	4.8
HNR-A-03SH	58	19	15	25	11	7
HNR-A-04SH	57	19	15	25	13.8	10

SF



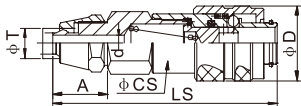
PART NO.	LS	ΦD	ΦCS	A	T (BSP)	d
HNR-A-01SF	43	19	15	10	BSP 1/8"28P	6
HNR-A-02SF	47	19	15	13	BSP 1/4"19P	6
HNR-A-03SF	47	19	15	13	BSP 3/8"19P	6

SM



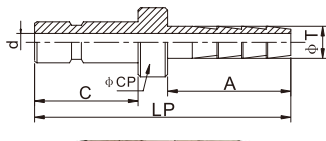
PART NO.	LS	ΦD	ΦCS	A	T(PT)	d
HNR-A-01SM	49	19	15	9.5	PT 1/8"28P	5
HNR-A-02SM	52.5	19	15	13	PT 1/4"19P	7
HNR-A-03SM	52.5	19	15	13	PT 3/8"19P	10

SP



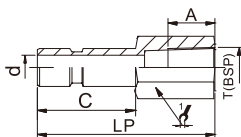
PART NO.	LS	ΦD	ΦCS	A	T	d
HNR-A-01SP	53.5	19	15	14	6*4	2.8
HNR-A-02SP	54.5	19	15	15	8*5	4
HNR-A-03SP	56.5	19	15	17	10*6.5	5

PH



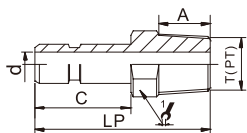
PART NO.	LP	C	ΦCP	A	ΦT	d
HNR-A-01PH	51.5	20.5	13	25	7	4.8
HNR-A-02PH	51.5	20.5	13	25	9	4.8
HNR-A-03PH	51.5	20.5	13	25	11	4.8
HNR-A-04PH	51.5	20.5	16	25	13.8	4.8

PF



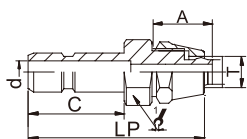
PART NO.	LP	C	1	A	T (BSP)	d
HNR-A-01PF	33.5	20.5	14	10	BSP 1/8"28P	4.8
HNR-A-02PF	36.5	20.5	17	13	BSP 1/4"19P	4.8
HNR-A-03PF	36.5	20.5	19	13	BSP 3/8"19P	4.8

PM



PART NO.	LP	C	1	A	T(PT)	d
HNR-A-01PM	34.5	20.5	10	9.5	PT 1/8"28P	4.8
HNR-A-02PM	37.5	20.5	14	13	PT 1/4"19P	4.8
HNR-A-03PM	38	20.5	17	11	PT 3/8"19P	4.8
HNR-A-04PH	51.5	20.5	16	25	13.8	4.8

PP



PART NO.	LP	C	2	A	T	d
HNR-A-01PP	37.5	20.5	12	13	6*4	4.8
HNR-A-02PP	40	20.5	14	15	8*5	4.8
HNR-A-03PP	41.5	20.5	14	17	10*6.5	4.8

HNR-17

Non-Valve Series

APPLICATION

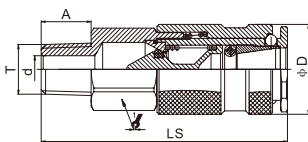
- Features: Single hand operation, single shut-off
- Advantages: Single hand operation, high flow valve
- Application: Pneumatic tools, measure and control equipments, and compressed air.
- Interchangeability: Rectus 17KA Series.
- Working Pressure: 1.0Mpa
- Working Temperature: -20°C to +120°C

特征

- 产品描述：单手操作单开闭阀。
- 技术优势：单手操作，极大流量。产品应用：气动工具，测量和控制设备，压缩空气。
- 互换性：利时达 (RECTUS) 17KA 系列
- 工作压力：1.0Mpa
- 工作温度：-20°C 至 +120°C

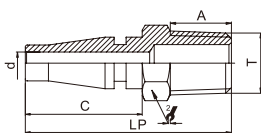


SM



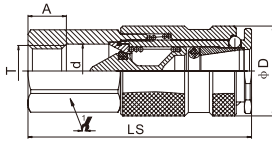
PART NO.	LS	D	1	A	T	d
HNR-17-02SM	62.5	23.3	19	13	ZG 1/4	7
HNR-17-03SM	59.5	23.3	19	13	ZG 3/8	11
HNR-17-04SM	60	23.3	22	14	ZG 1/2	14

PM



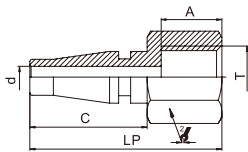
PART NO.	LP	C	2	A	T	d
HNR-17-02PM	44	25	14	13	ZG 1/4	4.6
HNR-17-03PM	44.5	25	17	13	ZG 3/8	4.6

SF



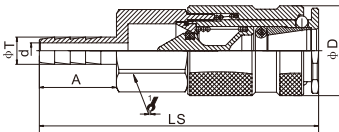
PART NO.	LS	D	1	A	T	d
HNR-17-02SF	58	23.3	19	10	ZG 1/4	14
HNR-17-03SF	57	23.3	19	9	ZG 3/8	14
HNR-17-04SF	60	23.3	24	12	ZG 1/2	14

FP



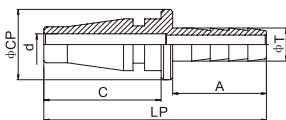
PART NO.	LP	C	2	A	T	d
HNR-17-02PF	41	25	17	13	ZG 1/4	4.6
HNR-17-03PF	41	25	19	13	ZG 3/8	4.6

SH



PART NO.	LS	D	1	A	T	d
HNR-17-01SH	72.5	23.3	19	20	7	4
HNR-17-02SH	76	23.3	19	25	9	5
HNR-17-03SH	76	23.3	19	25	11	7.5

PH



PART NO.	LP	C	2	A	T	d
HNR-17-01PH	47.5	25	15	20	7	4.6
HNR-17-02PH	52.5	25	15	25	9	4.6
HNR-17-03PH	52.5	25	15	25	11	4.6

HNR-19

Non-Valve Series

FEATURES

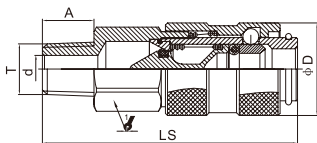
- Features: One-hand operation, single open/close valve.
- Technical Advantages: One-hand operation High flow capacity Long plug design for a secure fit into the female part
- Applications: Pneumatic tools Measurement and control equipment Compressed air systems
- Interchangeability: PCL 60 Series (UK) Rectus 19KA Series
- Working Pressure: 1.0 MPa

特征

- 产品描述：单手操作单开闭阀。
- 技术优势：单手操作，大流量，长型插头设计可以很紧的插入母体。
- 产品应用：气动工具，测量和控制设备，压缩空气。
- 互换性：英国 (PCL)60 系列
- 利时达 (RECTUS)19KA 系列

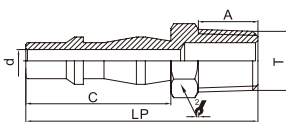


SM



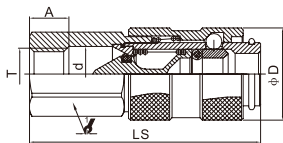
PART NO.	LS	D	1	A	T	d
HNR-19-02SM	64.5	23.3	19	13	ZG 1/4	7
HNR-19-03SM	63	23.3	19	13	ZG 3/8	11
HNR-19-04SM	60.5	23.3	22	14	ZG 1/2	14

PM



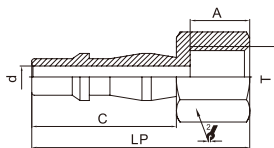
PART NO.	LP	C	2	A	T	d
HNR-19-02PM	50.5	31.5	14	13	ZG 1/4	4.8
HNR-19-03PM	51	31.5	17	13	ZG 3/8	4.8

SF



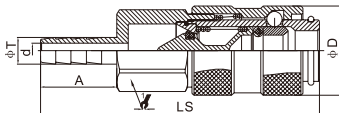
PART NO.	LS	D	1	A	T	d
HNR-19-02SF	58.5	23.3	19	10	ZG 1/4	14
HNR-19-03SF	57.5	23.3	19	9	ZG 3/8	14
HNR-19-04SF	60.5	23.3	24	12	ZG 1/2	14

PF



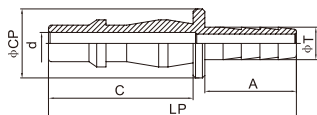
PART NO.	LP	C	2	A	T	d
HNR-23-02PF	47.5	31.5	17	13	ZG 1/4	4.8
HNR-23-03PF	47.5	31.5	19	13	ZG 3/8	4.8

SH



PART NO.	LS	D	1	A	T	d
HNR-19-01SH	73	23.3	19	20	7	4
HNR-19-02SH	76.5	23.3	19	25	9	5
HNR-19-03SH	76.5	23.3	19	25	11	7.5

PH



PART NO.	LP	C	2	A	T	d
HNR-19-01PH	54	31.5	15	20	7	4.8
HNR-19-02PH	59	31.5	15	25	9	4.8
HNR-19-03PH	59	31.5	15	25	11	4.8

HNR-23

Meet ISO 6150-B standard

FEATURES

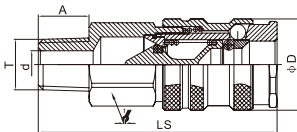
- Feature: Valid diameter of 5.3mm, ISO6150B standard.
- Advantages: Extra high flow valve, single-handed operation.
- Interchangeability: Parker 20 Series, Rectus 23KA Series, Sansen 3000 Series, CEJN 310 Series.
- Working Pressure: 1.6 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述: 有效通径 5.3 毫米, ISO6150B 标准
- 产品优势: 超大流量阀, 单手操作。
- 产品应用: 气动工具, 汽车制造, 工程机械。
- 互换性:
- 派克 (PARKER) 20 系列,
- 时利达 (RECTUS) 23KA 系列,
- 汉森 (SANSEN) 3000 系列,
- 希恩 (CEJN) 310 系列。
- 工作压力: 1.6Mpa
- 工作温度: -20°C至 +120°C

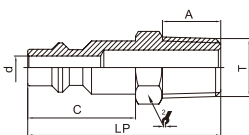


SH



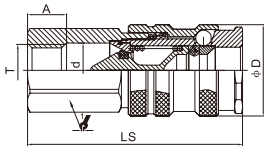
PART NO.	LS	D	1	A	T	d
HNR-23-01SH	69.5	23.3	19	20	7	4
HNR-23-02SH	73	23.3	19	25	9	5
HNR-23-03SH	73	23.3	19	25	11	7.5

PH



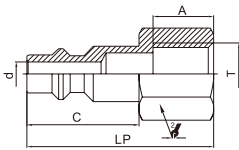
PART NO.	LP	C	2	A	T	d
HNR-23-01PH	46.5	24	15	20	7	5.2
HNR-23-02PH	51.5	24	15	25	9	5.2
HNR-23-03PH	51.5	24	15	25	11	5.2

SF



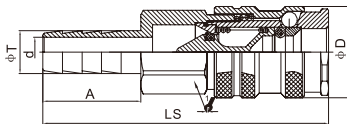
PART NO.	LS	D	1	A	T	d
HNR-23-02SF	55	23.3	19	10	ZG 1/4	14
HNR-23-03SF	54	23.3	19	9	ZG 3/8	14
HNR-23-04SF	57	23.3	24	12	ZG 1/2	14

PF



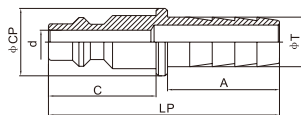
PART NO.	LP	D	2	A	T	d
HNR-23-02PF	40	24	17	13	ZG 1/4	5.2
HNR-23-03PF	40	24	19	13	ZG 3/8	5.2

SH



PART NO.	LS	D	1	A	T	d
HNR-23-01SH	69.5	23.3	19	20	7	4
HNR-23-02SH	73	23.3	19	25	9	5
HNR-23-03SH	73	23.3	19	25	11	7.5

PH



PART NO.	LP	C	CP	A	T	d
HNR-23-01PH	46.5	24	15	20	7	5.2
HNR-23-02PH	51.5	24	15	25	9	5.2
HNR-23-03PH	51.5	24	15	25	11	5.2

HNR-25

Meet European standard

FEATURES

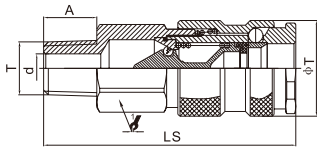
- Product Description: Effective passage diameter of 7.6mm, European standard.
- Product Advantages: Extra high flow valve, single-handed operation.
- Product Applications: Pneumatic tools, automotive manufacturing, construction machinery.
- Interchangeability: CEJN 320 Series, Rectus 25KA and 26KA Series.
- Working Pressure: 1.6 MPa
- Working Temperature: -20° C to +120° C



特征

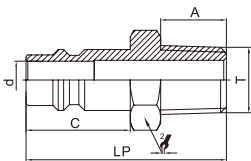
- 产品描述：有效通径 7.6 毫米，欧洲标准
- 产品优势：超大流量阀单手操作
- 产品应用：气动工具，汽车制造，工程机械
- 互换性：希恩（CEJN）320 系列，时利达（RECTUS）25KA 与 26KA 系列
- 工作压力：1.6Mpa
- 工作温度：-20°C至 +120°C

SM



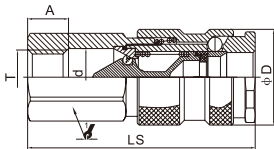
PART NO.	LS	D	1	A	T	d
HNR-25-02SM	61.5	23.3	19	13	ZG 1/4	7
HNR-25-03SM	60	23.3	19	13	ZG 3/8	11
HNR-25-04SM	57.5	23.3	22	14	ZG 1/2	14

PM



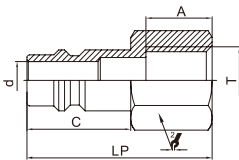
PART NO.	LP	D	2	A	T	d
HNR-25-02PM	39.5	20.5	17	13	ZG 1/4	7.5
HNR-25-03PM	40	20.5	17	13	ZG 3/8	7.5

SF



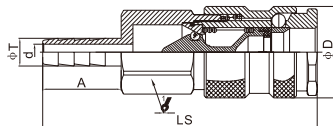
PART NO.	LS	D	1	A	T	d
HNR-25-02SF	55.5	23.3	19	10	ZG 1/4	14
HNR-25-03SF	54.5	23.3	19	9	ZG 3/8	14
HNR-25-04SF	57.5	23.3	24	12	ZG 1/2	14

PF



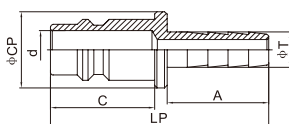
PART NO.	LP	D	2	A	T	d
HNR-25-02PF	36.5	20.5	17	13	ZG 1/4	7.5
HNR-25-03PF	36.5	20.5	19	13	ZG 3/8	7.5

SH



PART NO.	LS	D	1	A	T	d
HNR-25-01SH	70	23.3	19	20	7	4
HNR-25-02SH	73.5	23.3	19	25	9	5
HNR-25-03SH	73.5	23.3	19	25	11	7.5

PH



PART NO.	LP	C	CP	A	T	d
HNR-25-01PH	43	20.5	15	20	7	7.5
HNR-25-02PH	48	20.5	15	25	9	7.5
HNR-25-03PH	48	20.5	15	25	11	7.5

HNR-26

Meet European standard

FEATURES

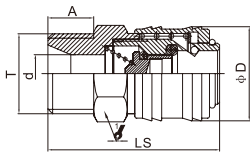
- Product Description: Effective passage diameter of 7.6mm, European standard.
- Product Advantages: Single-handed operation, steel pin locking design.
- Product Applications: Pneumatic tools, automotive manufacturing, construction machinery.
- Interchangeability: CEJN 320 Series, Rectus 25KA and 26KA Series.
- Working Pressure: 1.6 MPa
- Working Temperature: -20° C to +120° C



特征

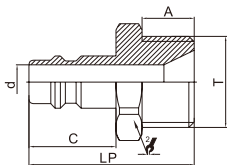
- 产品描述：有效通径 7.6 毫米，欧洲标准。
- 产品优势：单手操作，钢销锁紧设计。
- 产品应用：气动工具，汽车制造，工程机械。
- 互换性：希恩（CEJN）320 系列，时利达（RECTUS）25KA 与 26KA 系列。
- 工作压力：1.6Mpa
- 工作温度：-20°C至 +120°C

SM



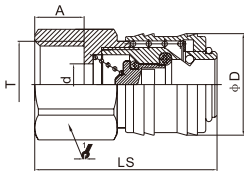
PART NO.	LS	D	1	A	T	d
HNR-26-02SM	42	24.8	22	9	G 1/4	7.8
HNR-26-03SM	42	24.8	22	9	G 3/8	10
HNR-26-04SM	45	24.8	22	12	G 1/2	10

MP



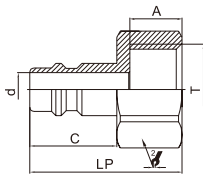
PART NO.	LP	D	2	A	T	d
HNR-26-02MP	33	20	17	9	G 1/4	7.8
HNR-26-03MP	33	20	19	9	G 3/8	7.8
HNR-26-04MP	38	20	24	12	G 1/2	7.8

SF



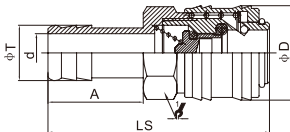
PART NO.	LS	D	1	A	T	d
HNR-26-02SF	41.2	24.8	22	10	G 1/4	10
HNR-26-03SF	41.2	24.8	22	10	G 3/8	10
HNR-26-04SF	42.2	24.8	24	12	G 1/2	10

PF



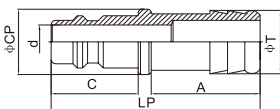
PART NO.	LP	D	2	A	T	d
HNR-26-02PF	33	20	17	9	G 1/4	7.8
HNR-26-03PF	32	20	19	9	G 3/8	7.8
HNR-26-04PF	35	20	24	12	G 1/2	7.8

SH



PART NO.	LS	D	1	A	T	d
HNR-26-01SH	58	24.8	21	25	7.5	4
HNR-26-02SH	58	24.8	21	25	9.5	6
HNR-26-03SH	58	24.8	21	25	11.5	7.8
HNR-26-04SH	58	24.8	21	25	14.5	10

PH



PART NO.	LP	C	CP	A	T	d
HNR-26-01PH	48	20	12	25	7.5	7.8
HNR-26-02PH	48	20	12	25	9.5	7.8
HNR-26-03PH	48	20	12	25	11.5	7.8
HNR-26-04PH	48	20	12	25	14.5	7.8

HNR-DG

Non-Valve Series

FEATURES

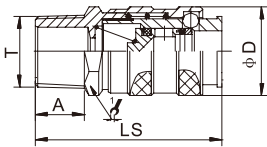
- Product Description: Single-handed operation, the most widely used connector type in Europe.
- Product Advantages: Single-handed operation, wide interchangeability, multiple connection options.
- Product Applications: Pneumatic tools, laboratories, measurement and control equipment, machinery.
- Interchangeability: CEJN 320 Series, Rectus 25KA and 26KA Series.
- Working Pressure: 1.0 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述：单手操作，欧洲最为广泛使用的连接头形式。
- 产品优势：单手操作，广泛的互换性，多种连接备选。
- 产品应用：气动工具，实验室，测量和控制设备，机械设备。
- 互换性：希恩（CEJN）320 系列，时利达（RECTUS）25KA 与 26KA 系列。
- 工作压力：1.0Mpa
- 工作温度：-20°C至 +120°C

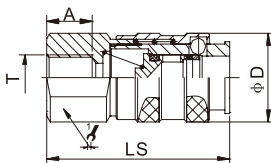


SM



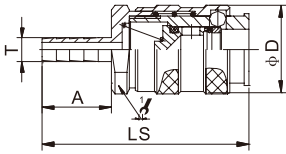
PART NO.	LS	D	1	A	T	d
HNR-DG-02SM	52.5	25	22	13	1/4	4
HNR-DG-03SM	52.5	25	22	13	3/8	5
HNR-DG-04SM	54.4	25	22	14	1/2	7.5

SF



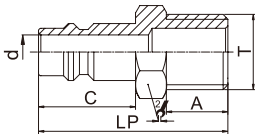
PART NO.	LP	D	2	A	T	d
HNR-DG-02SF	52.5	25	22	13	1/4	5.2
HNR-DG-03SF	52.5	25	22	13	3/8	5.2
HNR-DG-04SF	52.5	25	24	14	1/2	5.2

SH



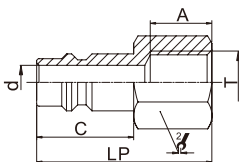
PART NO.	LS	D	1	A	T	d
HNR-DG-02SH	64.5	25	22	25	9	14
HNR-DG-03SH	69.5	25	22	30	10.5	14
HNR-DG-04SH	69.5	25	22	30	13	14

PM



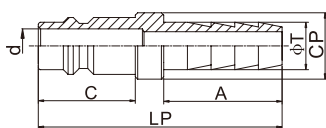
PART NO.	LP	D	2	A	T	d
HNR-DG-02PM	40	21	14	13	1/4	7
HNR-DG-03PM	40	21	17	13	3/8	7
HNR-DG-04PM	42	21	22	14	1/2	7

PF



PART NO.	LS	D	1	A	T	d
HNR-DG-02PF	37	21	17	13	1/4	7
HNR-DG-03PF	37	21	19	13	3/8	7
HNR-DG-04PF	38	21	24	14	1/2	7

PF



PART NO.	LP	C	CP	A	T	d
HNR-DG-02PF	51	21	14	25	9	7
HNR-DG-03PF	51	21	14	30	10.5	7
HNR-DG-04PF	56	21	14	30	13	7

HNR-Q1

Mould Series

FEATURES

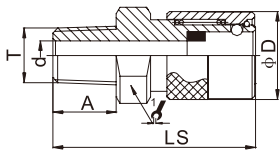
- Product Description: Specifically designed for cooling systems and injection molds.
- Product Advantages: Simple structure, high flow, valve-less design.
- Product Applications: Molding industry, cooling systems.
- Interchangeability: Parker MOLDMATE Series.
- Working Pressure: 1.5 MPa
- Working Temperature: -15° C to +150° C

特征

- 产品描述：特别为冷却系统和注射模具设计。
- 产品优势：结构简单，大流量，无阀设计。
- 产品应用：模具行业，冷却系统。
- 互换性：派克 (PARKER) MOLDMATE 系列
- 工作压力：1.5Mpa
- 工作温度：-15°C至 +150°C

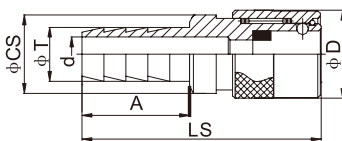


SM



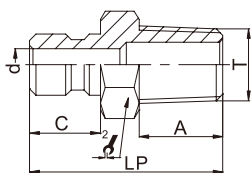
PART NO.	LS	D	1	A	T	d
HNR-Q1-01SM	38	18	17	13	ZG 1/8	6

SH



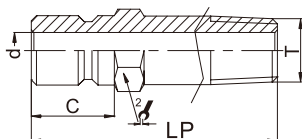
PART NO.	LP	D	2	A	T	d
HNR-Q1-03SH	49	18	16	12	11	7

PM



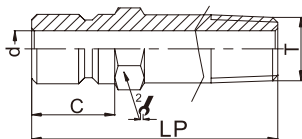
PART NO.	LS	D	1	A	T	d
HNR-Q1-01PM	27.5	11	12	9.5	ZG 1/8	5
HNR-Q1-02PM	30	11	14	13	ZG 1/4	5

PM



PART NO.	LP	D	2	A	T	d
HNR-Q1-01PM	75	11	12		ZG 1/8	5
HNR-Q1-01PM	100	11	12		ZG 1/8	5
HNR-Q1-01PM	125	11	12		ZG 1/8	5

PM



PART NO.	LS	D	1	A	T	d
HNR-Q1-02PM	75	11	14		ZG 1/4	5
HNR-Q1-02PM	100	11	14		ZG 1/4	5
HNR-Q1-02PM	125	11	14		ZG 1/4	5

HNR-Q2

Mould Series

FEATURES

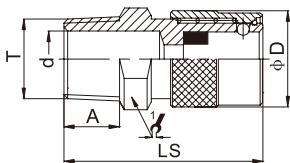
- Product Description: Specifically designed for cooling systems and injection molds.
- Product Advantages: Simple structure, high flow, valve-less design.
- Product Applications: Molding industry, cooling systems.
- Interchangeability: Parker MOLDMATE Series.
- Working Pressure: 1.5 MPa
- Working Temperature: -15° C to +150° C

特征

- 产品描述：特别为冷却系统和注射模具设计。
- 产品优势：结构简单，大流量，无阀设计。
- 产品应用：模具行业，冷却系统。
- 互换性：派克 (PARKER) MOLDMATE 系列
- 工作压力：1.5Mpa
- 工作温度：-15°C至 +150°C

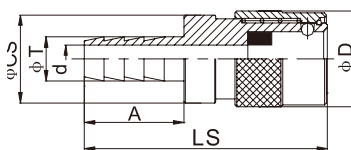


SM



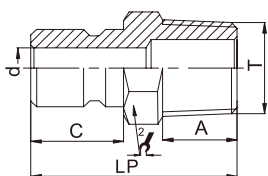
PART NO.	LS	D	1	A	T	d
HNR-Q2-03SM	49	24	22	13	ZG 3/8	10
HNR-Q2-04SM	49	24	22	14	ZG 1/2	14

SH



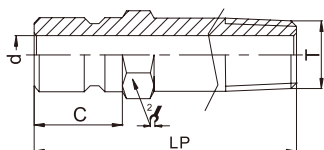
PART NO.	LP	D	2	A	T	d
HNR-Q2-03SH	61	24	22	25	11	7
HNR-Q2-04SH	61	24	22	25	13.5	9.5

PM



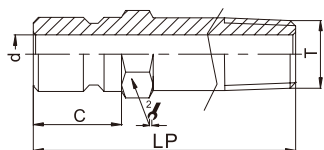
PART NO.	LS	D	2	A	T	d
HNR-Q2-03PM	36	16.2	17	13	ZG 3/8	7
HNR-Q2-04PM	37	16.2	22	16	ZG 1/2	7

PM



PART NO.	LP	D	2	T	d
HNR-Q2-03PM	75	16.2	17	ZG 3/8	7
HNR-Q2-03PM	100	16.2	17	ZG 3/8	7
HNR-Q2-03PM	125	16.2	17	ZG 3/8	7
HNR-Q2-03PM	150	16.2	17	ZG 3/8	7

PM



PART NO.	LS	D	2	T	d
HNR-Q2-04PM	75	16.2	22	ZG 1/2	7
HNR-Q2-04PM	100	16.2	22	ZG 1/2	7
HNR-Q2-04PM	125	16.2	22	ZG 1/2	7
HNR-Q2-04PM	150	16.2	22	ZG 1/2	7

HNR-Q3

Mould Series

FEATURES

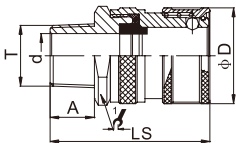
- Product Description: Specifically designed for cooling systems and injection molds.
- Product Advantages: Simple structure, high flow, valve-less design.
- Product Applications: Molding industry, cooling systems.
- Interchangeability: Parker MOLDMATE Series.
- Working Pressure: 1.5 MPa
- Working Temperature: -15° C to +150° C

特征

- 产品描述：特别为冷却系统和注射模具设计。
- 产品优势：结构简单，大流量，无阀设计。
- 产品应用：模具行业，冷却系统。
- 互换性：派克 (PARKER) MOLDMATE 系列
- 工作压力：1.5Mpa
- 工作温度：-15°C至 +150°C

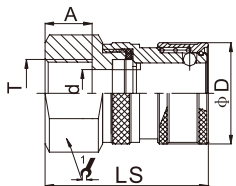


SM



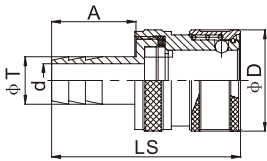
PART NO.	LS	D	1	A	T	d
HNR-Q3-04SM	50.5	30	27	14	ZG 1/2	14

SF



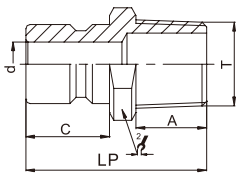
PART NO.	LP	D	2	A	T	d
HNR-Q3-04SF	48.5	30	30	14	G 1/2	14

SH



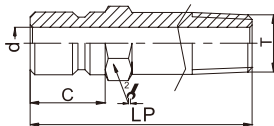
PART NO.	LS	D	A	T	d
HNR-Q3-03SH	56	30	25	14	10
HNR-Q3-04SH	56	30	25	20.5	14

PM



PART NO.	LP	D	2	A	T	d
HNR-Q3-04PM	41	19	22	16	ZG 1/2	10

PM



PART NO.	LS	D	2	T	d
HNR-Q3-04PM	75	19	22	ZG 1/2	10
HNR-Q3-04PM	100	19	22	ZG 1/2	10
HNR-Q3-04PM	125	19	22	ZG 1/2	10
HNR-Q3-04PM	150	19	22	ZG 1/2	10

HNR-K

Mould Series

FEATURES

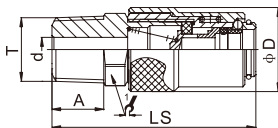
- Feature: Valid diameter of 5.3mm, ISO6150B standard.
- Advantages: Extra high flow valve, single-handed operation.
- Interchangeability: Parker 20 Series, Rectus 23KA Series, Sansen 3000 Series, CEJN 310 Series.
- Working Pressure: 1.6 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述: 有效通径 5.3 毫米, ISO6150B 标准
- 产品优势: 超大流量阀, 单手操作。
- 产品应用: 气动工具, 汽车制造, 工程机械。
- 互换性:
- 派克 (PARKER) 20 系列,
- 时利达 (RECTUS) 23KA 系列,
- 汉森 (SANSEN) 3000 系列,
- 希恩 (CEJN) 310 系列。
- 工作压力: 1.6Mpa
- 工作温度: -20°C至 +120°C

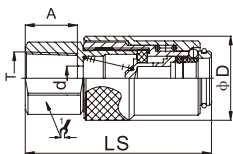


SM



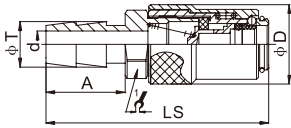
PART NO.	LS	D	1	A	T	d
HNR-K-02SM	51	21	17	13	ZG 1/4	6
HNR-K-03SM	51	21	17	13	ZG 3/8	6

SF



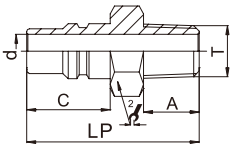
PART NO.	LP	D	1	A	T	d
HNR-K-02SF	46.5	21	17	13	G 1/4	6
HNR-K-03SF	51	21	19	13	G 3/8	6

SH



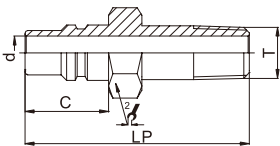
PART NO.	LS	D	1	A	T	d
HNR-K-02SH	68	21	17	21	8	5
HNR-K-03SH	59	21	17	21	12	7

PM



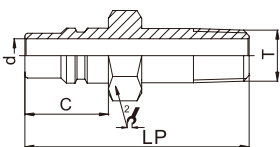
PART NO.	LP	D	2	A	T	d
HNR-K-01PM	31	15	14	10	ZG 1/8	6
HNR-K-02PM	33	15	14	13	ZG 1/4	6

PM



PART NO.	LS	D	1	T	d
HNR-K-02PM	75	15	14	ZG 1/4	6
HNR-K-02PM	100	15	14	ZG 1/4	6
HNR-K-02PM	125	15	14	ZG 1/4	6
HNR-K-02PM	150	15	14	ZG 1/4	6

PM



PART NO.	LP	C	CP	T	d
HNR-K-03PM	75	15	17	ZG 3/8	6
HNR-K-03PM	100	15	17	ZG 3/8	6
HNR-K-03PM	125	15	17	ZG 3/8	6
HNR-K-03PM	150	15	17	ZG 3/8	6

HNR-QKD158

Mould Series

FEATURES

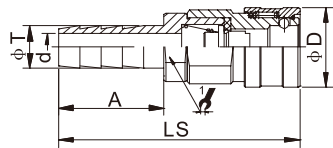
- Product Description: The most widely used connector type in China.
- Product Advantages: Simple structure, multiple connection options.
- Product Applications: Pneumatic tools, automotive industry, compressed air, shipbuilding industry.
- Working Pressure: 1.0 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述：中国最为广泛使用的连接头型式。
- 产品优势：结构简单，多种连接备选。
- 产品应用：气动工具，汽车工业，压缩空气，造船行业。
- 工作压力：1.0Mpa
- 工作温度：-20°C至 +120°C

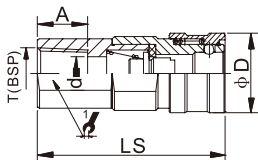


SH



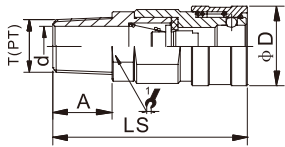
PART NO.	LS	D	1	A	T	d
HNR-QKD158-06SH	91	36	32	40	20.5	14
HNR-QKD158-08SH	101	36	32	40	27	20

SF



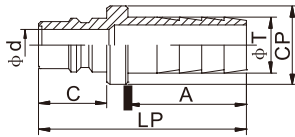
PART NO.	LS	D	2	A	T	d
HNR-QKD158-06SF	61	36	32	16	BSP 3/4" 14P	14
HNR-QKD158-08SF	64	36	36	20	BSP 1" 11P	14

SM



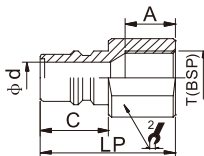
PART NO.	LS	D	A	T	d	
HNR-QKD158-06SM	64	36	30	16	BSP 3/4 14P	18
HNR-QKD158-08SM	70	36	36	20	BSP 1" 11P	25

PH



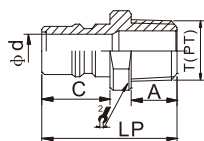
PART NO.	LP	D	2	A	T	d
HNR-QKD158-06PH	75	26	29.6	40	20.5	10.5
HNR-QKD158-08PH	85	26	33.6	50	27	10.5

PF



PART NO.	LP	D	1	T	d	
HNR-QKD158-06PF	46	26	32	16	BSP 3/4 14P	10.5
HNR-QKD158-08PF	51	26	36	20	BSP 1 11P	10.5

PM



PART NO.	LP	C	CP	A	T	d
HNR-QKD158-06PM	50	26	27	16	BSP 3/4 14P	10.5
HNR-QKD158-08PM	56	26	36	20	BSP 1 11P	10.5

HNR-QKD156

Mould Series

FEATURES

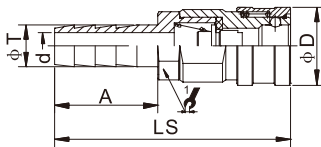
- Product Description: The most widely used connector type in China.
- Product Advantages: Simple structure, multiple connection options.
- Product Applications: Pneumatic tools, automotive industry, compressed air, shipbuilding industry.
- Working Pressure: 1.0 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述：中国最为广泛使用的连接头型式。
- 产品优势：结构简单，多种连接备选。
- 产品应用：气动工具，汽车工业，压缩空气，造船行业。
- 工作压力：1.0Mpa
- 工作温度：-20°C至 +120°C

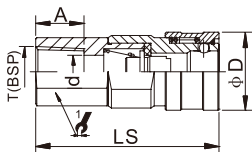


SH



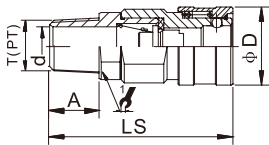
PART NO.	LS	D	1	A	T	d
HNR-QKD156-04SH	77.5	30	24	30	16	10
HNR-QKD156-06SH	87.5	30	24	40	20.5	14

SF



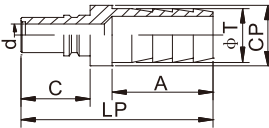
PART NO.	LS	D	2	A	T	d
HNR-QKD156-04SF	63.5	30	24	14	BSP 1/2 14P	12
HNR-QKD156-06SF	65.5	30	30	16	BSP 3/4 14P	12

SM



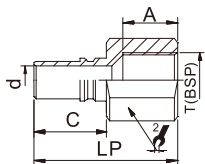
PART NO.	LS	D	A	T	d	
HNR-QKD156-04SM	65.5	30	24	14	BSP 1/2 14P	11
HNR-QKD156-06SM	67.5	30	27	18	BSP 3/4 14P	11

PH



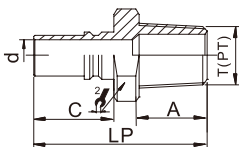
PART NO.	LP	D	2	A	T	d
HNR-QKD156-04PH	65	27	24	30	16	8.5
HNR-QKD156-06PH	75	27	24	40	20.5	8.5

PF



PART NO.	LP	D	1	T	d	
HNR-QKD156-04PF	45	27	24	14	BSP 1/2 14P	8.5
HNR-QKD156-06PF	47	27	30	16	BSP 3/4 14P	8.5

PM



PART NO.	LP	C	CP	A	T	d
HNR-QKD156-04PM	50	27	22	16	PT 1/2 14P	8.5
HNR-QKD156-06PM	52	27	27	18	PT 3/4 11P	8.5

HNR-QKD153

Mould Series

FEATURES

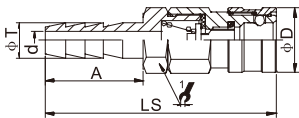
- Product Description: The most widely used connector type in China.
- Product Advantages: Simple structure, multiple connection options.
- Product Applications: Pneumatic tools, automotive industry, compressed air, shipbuilding industry.
- Working Pressure: 1.0 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述：中国最为广泛使用的连接头型式。
- 产品优势：结构简单，多种连接备选。
- 产品应用：气动工具，汽车工业，压缩空气，造船行业。
- 工作压力：1.0Mpa
- 工作温度：-20°C至 +120°C

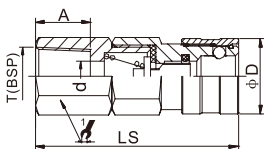


SH



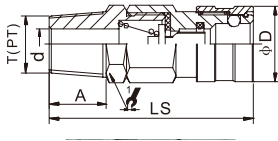
PART NO.	LS	D	1	A	T	d
HNR-QKD153-01SH	65	26	22	25	7	0.5
HNR-QKD153-02SH	76.5	26	22	20	9	5
HNR-QKD153-03SH	76.5	26	22	20	11	7
HNR-QKD153-04SH	82.5	26	22	35	13	9

SF



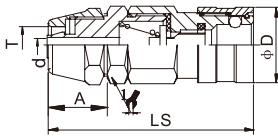
PART NO.	LS	D	1	A	T	d
HNR-QKD153-02SF	59	26	22	13	BSP 1/4 19P	8
HNR-QKD153-03SF	59	26	22	13	BSP 3/8 19P	10
HNR-QKD153-04SF	60	26	22	14	BSP 1/2 14P	10

SM



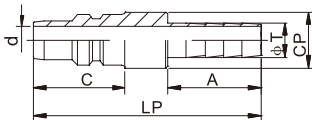
PART NO.	LS	D	1	A	T	d
HNR-QKD153-02SM	59.5	26	22	13	BSP 1/4 19P	7
HNR-QKD153-03SM	59.5	26	22	13	BSP 3/8 19P	10
HNR-QKD153-04SM	68	26	22	18	BSP 2 14P	10

SP



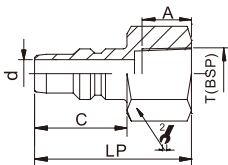
PART NO.	LS	C	1	A	T	d
HNR-QKD153-01SP	60.5	26	22	14	6*4	3
HNR-QKD153-02SP	61.5	26	22	15	8*5	4
HNR-QKD153-03SP	64	26	22	17	10*6.5	5
HNR-QKD153-04SP	65.5	26	22	19	12*8	6.5

PH



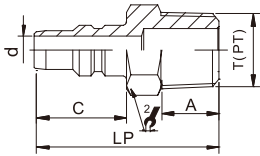
PART NO.	LS	C	CP	A	T	d
HNR-QKD153-01PH	48	23	15.5	20	7	6
HNR-QKD153-02PH	58	23	15.5	30	9	6
HNR-QKD153-03PH	58	23	15.5	30	11	6

PF



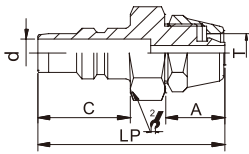
PART NO.	LP	C	2	A	T	d
HNR-QKD153-02PF	39	23	17	13	BSP 1/4 19P	6
HNR-QKD153-03PF	39	23	19	13	BSP 3/8 19P	6
HNR-QKD153-04PF	41	23	24	14	BSP 1/2 14P	6

SM



PART NO.	LS	D	1	A	T	d
HNR-QKD153-02SM	59.5	26	22	13	BSP 1/4 19P	7
HNR-QKD153-03SM	59.5	26	22	13	BSP 3/8 19P	10
HNR-QKD153-04SM	68	26	22	18	BSP 2 14P	10

SP



PART NO.	LS	C	1	A	T	d
HNR-QKD153-01SP	60.5	26	22	14	6*4	3
HNR-QKD153-02SP	61.5	26	22	15	8*5	4
HNR-QKD153-03SP	64	26	22	17	10*6.5	5
HNR-QKD153-04SP	65.5	26	22	19	12*8	6.5

HNR-QKD-Z

Mould Series

FEATURES

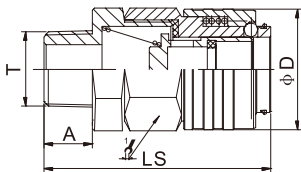
- Product Description: Single-handed operation.
- Product Advantages: Single-handed operation, high flow.
- Product Applications: Steel manufacturing, metallurgy industry, construction machinery.
- Working Pressure: 3.5 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述：单手操作。
- 产品优势：单手操作，大流量。
- 产品应用：钢铁制造，冶金行业，工程机械。
- 工作压力：3.5Mpa
- 工作温度：-20°C至 +120°C

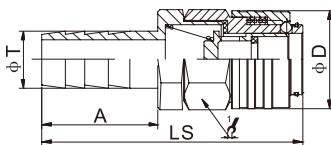


SM



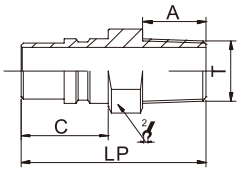
PART NO.	LS	A	D	1	T
HNR-QKD-Z-SM	99	21	57.5	46	G 1

SH



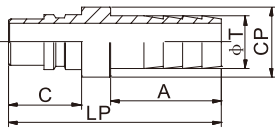
PART NO.	LS	A	D	1	T
HNR-QKD-Z-SH	134.5	57.5	50.5	46	27

PM



PART NO.	LP	A	CP	2	T
HNR-QKD-Z-PM	72.5	21	37.5	36	G 1

PH



PART NO.	LS	C	1	A	T
HNR-QKD-Z-PH	110	57.5	37.5	34.5	27

HNR-QKD-X

Mould Series

FEATURES

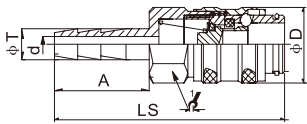
- Product Description: Single-handed operation, suitable for space-restricted conditions, straight-through single open/close.
- Product Advantages: Single-handed operation, compact size, high flow, multiple connection options.
- Product Applications: Medical devices, dental equipment, laboratory devices, chemicals, measurement and control equipment, analytical engineering, micro pneumatics, mechanical engineering.
- Interchangeability: Rectus 21kA Series.
- Working Pressure: 1.0 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述: 单手操作, 适用于空间受限的工况, 直通单开闭。
- 产品优势: 单手操作, 尺寸小, 流量高, 多种连接备选。
- 产品应用: 医疗器械, 牙科设备, 实验室装置, 化工, 测量和控制设备, 分析工程, 微型气动, 机械工程。
- 互换性: 时利达 (RECYUS) 21kA 系列
- 工作压力: 1.0Mpa
- 工作温度: -20°C至 +120°C



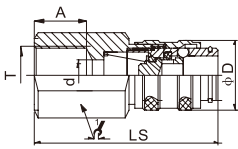
SH



PART NO.	LS	A	D	1	T	d
HNR-QKD-X-01SH	55	16	14	20	6.3	3.8
HNR-QKD-X-02SH	57	16	14	25	9	4.8



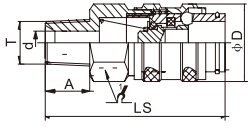
SF



PART NO.	LS	A	D	1	T	d
HNR-QKD-X-01SF	43.5	16	14	10	G 1/8	5
HNR-QKD-X-02SF	46	16	17	12	G 1/4	7

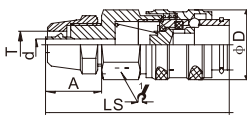


SM



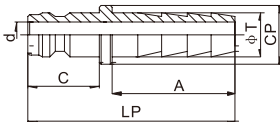
PART NO.	LS	D	1	A	T	d
HNR-QKD-X-01SM	40	16	14	9	G 1/8	5
HNR-QKD-X-02SM	41	16	14	13	G 1/4	7

SP



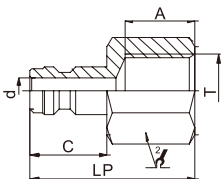
PART NO.	Ls	D	1	A	T	d
HNR-QKD-X-01SP	46	16	14	13	6*4	2.8
HNR-QKD-X-02SP	48	16	14	15	8*6	4.8

PH



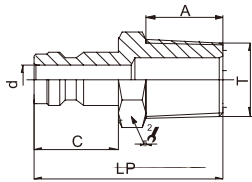
PART NO.	LP	C	CP	A	T	d
HNR-QKD-X-01PH	37	14.3	12	20	6.3	4.8
HNR-QKD-X-02PH	42	14.3	12	25	9	4.8

PF



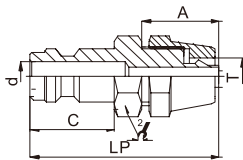
PART NO.	LP	C	2	A	T	d
HNR-QKD-X-01PF	27.5	14.3	14	10	G 1/8	4.8
HNR-QKD-X-02PF	30.5	14.3	17	13	G 1/4	4.8

SM



PART NO.	LS	D	1	A	T	d
HNR-QKD-X-01SM	40	16	14	9	G 1/8	5
HNR-QKD-X-02SM	41	16	14	13	G 1/4	7

SP



PART NO.	Ls	D	1	A	T	d
HNR-QKD-X-01SP	46	16	14	13	6*4	2.8
HNR-QKD-X-02SP	48	16	14	15	8*6	4.8

HNR-QKD-T

Mould Series

FEATURES

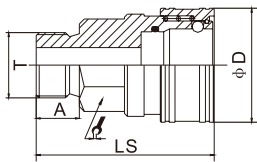
- Product Description: Open-type, valve-less design.
- Product Advantages: Simple structure, high flow.
- Product Applications: Steel manufacturing, metallurgy industry, construction machinery.
- Interchangeability: Parker MOLDMATE Series.
- Working Pressure: 3.5 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述：开通式，无阀芯。
- 产品优势：结构简单，大流量。
- 产品应用：钢铁制造，冶金工业，工程机械。
- 互换性：派克 (PARKER) MOLDMATE 系列
- 工作压力：3.5Mpa
- 工作温度：-20°C至 +120°C

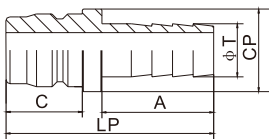


Socket 母插座



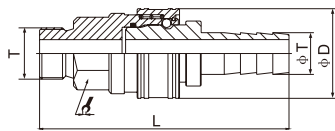
PART NO.	LS	A	D	1	T
HNR-QKD-T25-SM	91	22	58	41	G 1

Plug 公插头



PART NO.	LP	A	C	CP	T
HNR-QKD-T25-PH	106	57	39	42	27

Coupling Fitting 连接器装配



PART NO.	L	T	D	1	T
HNR-QKD-T25	160	G 1	58	41	27

HNR-LAM

Meet ISO 6150-B standard

FEATURES

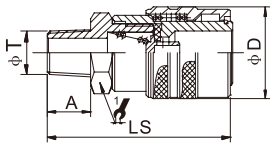
- Product Description: ISO6150B standard.
- Product Advantages: Simple structure, lightweight, multiple connection options.
- Product Applications: Pneumatic tools, automotive manufacturing, compressed air, construction machinery, compressors.
- Interchangeability: Parker 20 Series, Rectus 23KA Series, Sansen 3000 Series, CEJN 310 Series.
- Working Pressure: 1.0 MPa
- Working Temperature: -20° C to +120° C



特征

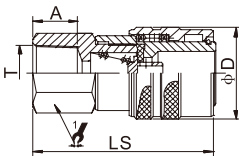
- 产品描述: ISO6150B 标准
- 产品优势: 结构简单, 重量轻, 多种连接备选。
- 产品应用: 气动工具, 汽车制造, 压缩空气, 工程机械, 压缩机。
- 互换性: 派克 (PARKER) 20 系列, 时利达 (RECTUS) 23KA 系列, 汉森 (SANSEN) 3000 系列, 希恩 (CEJN) 310 系列。
- 工作压力: 1.0Mpa
- 工作温度: -20°C至 +120°C

SM



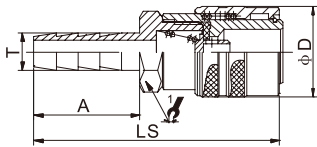
PART NO.	LS	D	1	A	T
HNR-LAM-02SM	51	25	19	12	1/4
HNR-LAM-03SM	51	25	19	13	3/8
HNR-LAM-04SM	53	25	22	14	1/2

SF



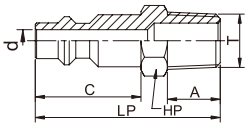
PART NO.	LS	D	1	A	T
HNR-LAM-02SF	49.5	25	19	12	1/4
HNR-LAM-03SF	49.5	25	19	12	3/8
HNR-LAM-04SF	53.5	25	24	15	1/2

SH



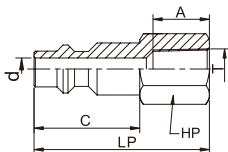
PART NO.	LS	D	1	A	T
HNR-LAM-02SH	66	25	19	28	9
HNR-LAM-03SH	68	25	19	30	10.5
HNR-LAM-04SH	68	25	19	30	13

PM



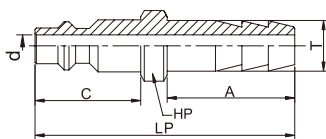
PART NO.	LP	C	2	A	T	d
HNR-LAM-02PM	42	24	14	13	1/4	5
HNR-LAM-03PM	42	24	17	13	3/8	5
HNR-LAM-04PM	44	24	22	14	1/2	5

PF



PART NO.	LP	C	2	A	T	d
HNR-LAM-02PF	39	24	17	12	1/4	5
HNR-LAM-03PF	40	24	19	13	3/8	5
HNR-LAM-04PF	44	24	24	16	1/2	5

PH



PART NO.	LP	C	CP	A	T	d
HNR-LAM-02PH	59	24	14	30	9	5
HNR-LAM-03PH	59	24	14	30	10.5	5
HNR-LAM-04PH	59	24	14	30	13.5	5

HNR-LAO

Mould Series

FEATURES

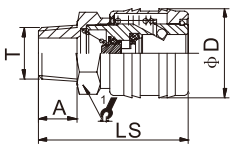
- Product Description: Single-handed operation, widely used in Switzerland.
- Product Advantages: Single-handed operation, steel pin locking design.
- Product Applications: Pneumatic tools, production and assembly lines, mechanical equipment.
- Interchangeability: Parker 50 Series, Rectus 22KA Series, CEJN 300 Series.
- Working Pressure: 1.0 MPa
- Working Temperature: -20° C to +120° C

特征

- 产品描述：单手操作，瑞士应用广泛。
- 产品优势：单手操作，钢销锁紧设计。
- 产品应用：气动工具，生产和装配线，机械设备。
- 互换性：派克 (PARKER) 50 系列，时利达 (RECTUS) 22KA 系列，希恩 (CEJN) 300 系列。
- 工作压力：1.0Mpa
- 工作温度：-20°C至 +120°C

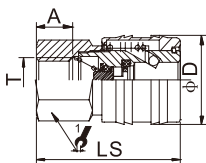


SM



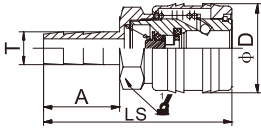
PART NO.	LS	D	1	A	T
HNR-LAO-02SM	46	26.8	22	11	1/4
HNR-LAO-03SM	47	26.8	22	11	3/8

SF



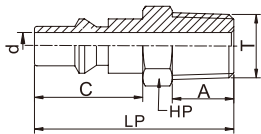
PART NO.	LS	D	1	A	T
HNR-LAO-02SF	43.5	26.8	22	11	1/4
HNR-LAO-03SF	45.5	26.8	22	11	3/8

SH



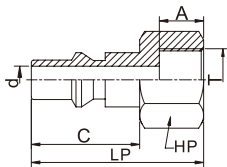
PART NO.	LS	D	1	A	T
HNR-LAO-02SH	57.5	26.8	22	25	7
HNR-LAO-03SH	57.5	26.8	22	25	9

PM



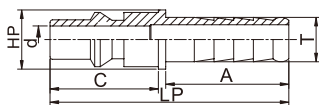
PART NO.	LP	C	2	A	T	d
HNR-LAO-02PM	40.5	22	14	11.5	1/4	5.5
HNR-LAO-03PM	40.5	22	17	12.5	3/8	5.5

PF



PART NO.	LP	C	2	A	T	d
HNR-LAO-02PF	35	22	17	9	1/4	5.5
HNR-LAO-03PF	36	22	19	11	3/8	5.5

PH



PART NO.	LP	C	HP	A	T	d
HNR-LAO-02PH	48.5	22	12	25	7	5.5
HNR-LAO-03PH	48.5	22	12	25	9	5.5

HNR-CC

Ship/Welding Series

FEATURES

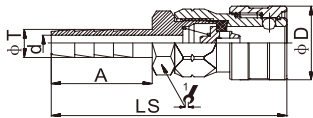
- Single hand operation, it uses different colors to distinguish the medium. Color plated is used for air and water, Red coupling is used for acetylene; green coupling is used for oxygen; blue coupling is used for carbon dioxide. It is widely used in the German market.
- -Advantages: Single hand operation, Steel valve locking system. -Application: Ship manufacturing, repairing and other industry systems need to avoid wrong connecting.
- Working Pressure: 1.0MPa Working Temperature: -20°C to +120°C

特征

- 产品描述：单手操作，使用介质用颜色区分，彩锌用于空气和水，红色用于乙炔，绿色用于氧气，蓝色用于二氧化碳，德国广泛应用
- 技术优势：单手操作，钢销锁紧设计。
- 产品应用：造船行业，船务维修行业以及各种避免介质混乱误插工业系统。
- 工作压力：1.0MPa
- 工作温度：-20°C至 +120°C

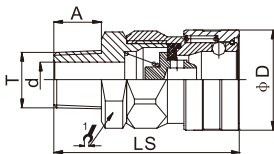


SF



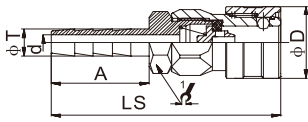
PART NO.	LS	ΦD	H	A	T	D
HNR-HX-04SF	64.8	36	32	14	G 1/2	Φ12
HNR-HX-06SF	66	36	32	16	G 3/4	Φ12

SM



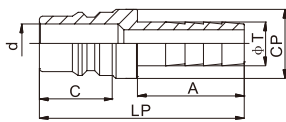
PART NO.	LS	ΦD	1	A	T	D
HNR-HX-04SM	66	36	32	14	ZG 1/2	Φ12
HNR-HX-06SM	67.8	36	32	16	ZG 3/4	Φ12

SH



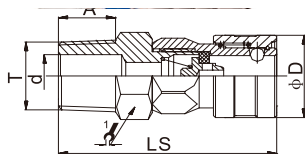
PART NO.	LS	ΦD	ΦCS	A	ΦT	d
HNR-HX-04SH	89.5	36	34	38	16	Φ12
HNR-HX-06SH	89.5	36	34	38	21	Φ12

PH



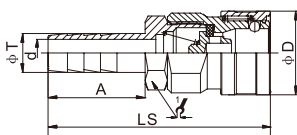
PART NO.	LP	A	C	CP	ΦT	d
HNR-HX-03PH	74	26	37	19.5	14	Φ10
HNR-HX-04PH	73	26	36	19.5	16	Φ10
HNR-HX-06PH	75	26	38	24.3	21	Φ10

SM



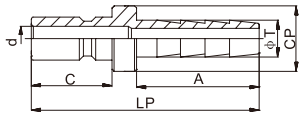
PART NO.	LS	ΦD	1	A	T	d
HNR-HX-02-SM	52.4	30.4	24	14	ZG 1/2	Φ8.3

PH



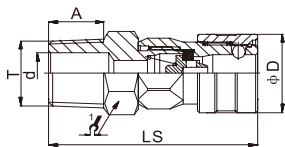
PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-02-PH	56	20.5	16	30	9	Φ5

PH



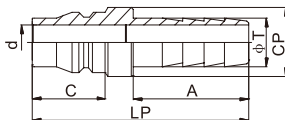
PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-O2-PH	56	20.5	16	30	9	Φ5

SF



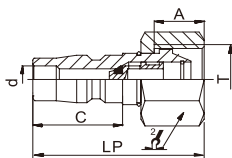
PART NO.	LP	C	1	A	ΦT	d
HNR-HX-KR-SF	52	30.2	24	12	G 1/4	Φ8.3

PH



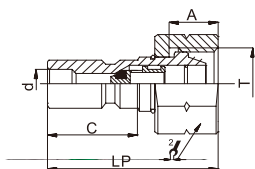
PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-KR-PH	56	20.5	16	30	9	Φ5

SF



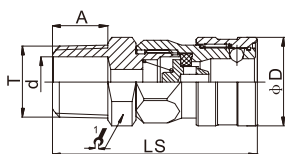
PART NO.	LP	ΦD	1	A	T	d
HNR-HX-CO2-SF	52	30.2	24	12	G 1/4	Φ8.3

PH



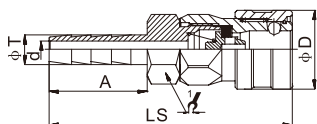
PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-CO2-PH	56	20.5	Φ16	30	9	Φ5

PH



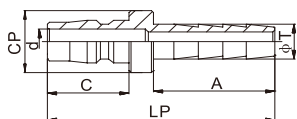
PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-CO2-PH	56	20.5	Φ16	30	9	Φ5

PH



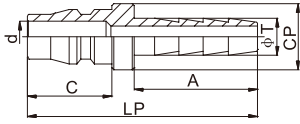
PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-CO2-PH	56	20.5	Φ16	30	9	Φ5

PH



PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-CO2-PH	56	20.5	Φ16	30	9	Φ5

PH



PART NO.	LP	C	CP	A	ΦT	d
HNR-HX-CO2-PH	56	20.5	Φ16	30	9	Φ5

HNR-CC50

Ship/Welding Series

FEATURES

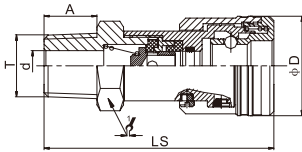
- Features: Various specification, it use difference color to distinguish the medium. Red coupling is used for acetylene, yellow coupling is used for carbon dioxide; gray coupling is used for oxygen. It is widely used in Japanese market. Advantages: Single hand operation.
- Application: Shipbuilding, repairing and other industry system need to avoid wrong connecting
- Working Pressure: 1.0MPa
- Working Temperature: -20°C to +120°C



特征

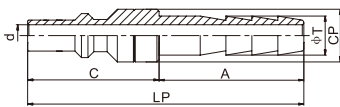
- 产品描述: 多组规格, 使用介质用颜色区分, 红色用于乙炔, 黄色用于二氧化碳, 灰色用于氧气, 日本广泛应用。
- 技术优势: 单手操作, 日式标准
- 产品应用: 造船行业, 船务维修行业以及各种避免介质混乱工业系统。
- 工作压力: 1.0MPa
- 工作温度: -20°C至 +120°C

SM



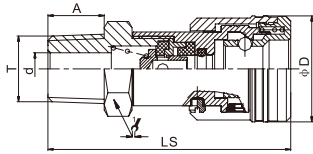
PART NO.	LS	ΦD	1	A	T	D
HNR-CC51-SM	56.5	24.5	19	13	ZG 3/8	Φ7.5

PH



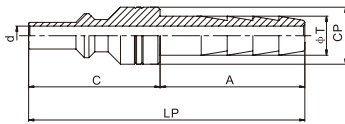
PART NO.	LP	C	CP	A	ΦT	d
HNR-CC51-PH	64	30.5	Φ12.2	33.5	9	Φ5

SM



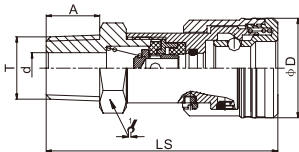
PART NO.	LS	ΦD	1	A	T	d
HNR-CC52-SM	56.5	24.5	19	13	ZG 3/8	Φ7.5

PH



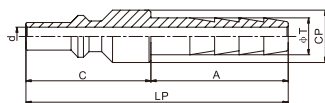
PART NO.	LS	ΦD	1	A	ΦT	d
HNR-CC52-PH	64	30.5	Φ13.2	33.5	9	Φ4.5

SM



PART NO.	LS	ΦD	1	A	T	d
HNR-CC50-SM	59.5	24.5	19	13	ZG 3/8	Φ7.5

PH



PART NO.	LP	C	CP	A	ΦT	d
HNR-CC50-PH	64	30.5	Φ12.8	33.5	9	Φ4.5

HNR-DD

Ship/Welding Series

FEATURES

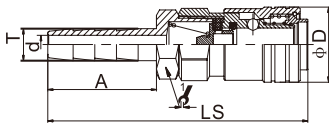
- Features: Professional design for torch in shipbuilding industry, the plug have check valve and it can stop airflow automatically. DD5 is used for acetylene. DD11 is used for oxygen. It is widely used in Korea market.
- Advantages: Single hand operation. DD5 have check valve and black valve to reach double insurance.
- Application: Shipbuilding and ship repairing
- Working Pressure: 1.0MPa
- Working Temperature: -20°C to +120°C

特征

- 产品描述: 专业为船舶行业焊枪设计, 公插头带有置止回阀可自动截止气流, DD5 用于乙炔, DD11 用于氧气。韩国广泛应用。
- 技术优势: 与单手操作, DD5 带止回阀与回火器双重保险
- 产品应用: 造船行业与船务修理等工业系统。
- 工作压力: 1.0MPa
- 工作温度: -20°C至 +120°C

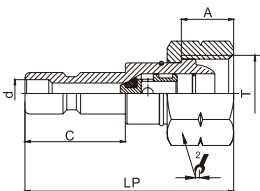


SH



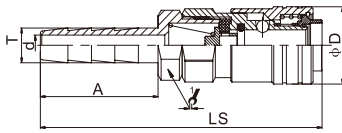
PART NO.	LS	ΦD	1	A	ΦT	d
HNR-DD5-SH	71.8	20	16	30	8.5	Φ5

FP



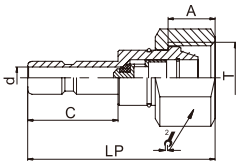
PART NO.	LP	C	2	A	T	d
HNR-DD5-FP	44	21.2	19	11	M16*1.5(左)	5.8

SH



PART NO.	LS	ϕD	1	A	T	d
HNR-DD11-SH	72	19	15	30	8.5	$\phi 5$

PF



PART NO.	LP	C	2	A	T	d
HNR-DD11-PF	44	21.2	19	11	M16*1.5	$\phi 4.8$

HNR-CC20

Ship/Welding Series

FEATURES

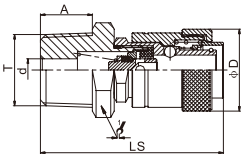
- Various specification, it use difference color to distinguish the medium. Brass color coupling is used for acetylene. Nickel plated couplings is used for carbon dioxide. Red copper color coupling is used for oxygen. It is widely used in U.S. Market. Advantages: it use the color to distinguish the medium. Application: Shipbuilding. - Working Pressure: 1.0MPa
- Working Temperature: -20°C to +120°C

特征

- 产品描述：多组规格，使用介质用颜色区分，铜本色用于乙炔，镀镍色用于二氧化碳，紫铜色用于氧气，美国广泛应用。
- 技术优势：对现场多种介质管路的接头用颜色区分
- 产品应用：造船行业。
- 工作压力：1.0MPa
- 工作温度：-20°C至 +120°C -

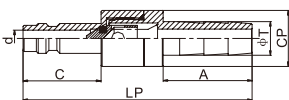


SM



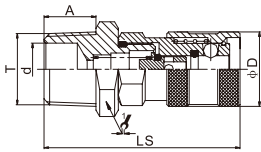
PART NO.	LS	ΦD	1	A	T	D
HNR-CC22-SM	52.5	22	22	14	ZG 1/2	Φ6

PH



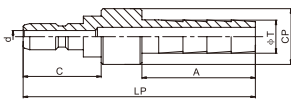
PART NO.	LP	C	CP	A	ΦT	d
HNR-CC22-PH	71.7	22	Φ15	30.5	9	Φ4.5

SM



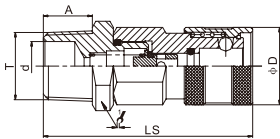
PART NO.	LS	ϕD	1	A	T	D
HNR-CC20-SM	52.5	22	22	14	ZG 1/2	$\phi 14$

PH



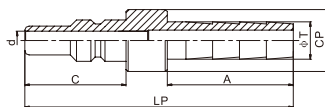
PART NO.	LP	C	CP	A	ϕT	d
HNR-CC20-PH	62.5	21	$\phi 15$	30.5	9	$\phi 4.5$

SM



PART NO.	LS	ϕD	1	A	T	D
HNR-CC21-SM	59.5	22	22	14	ZG 1/2	$\phi 14$

PH



PART NO.	LP	C	CP	A	ϕT	d
HNR-CC21-PH	65	24.5	$\phi 15$	30.5	9	$\phi 4.5$