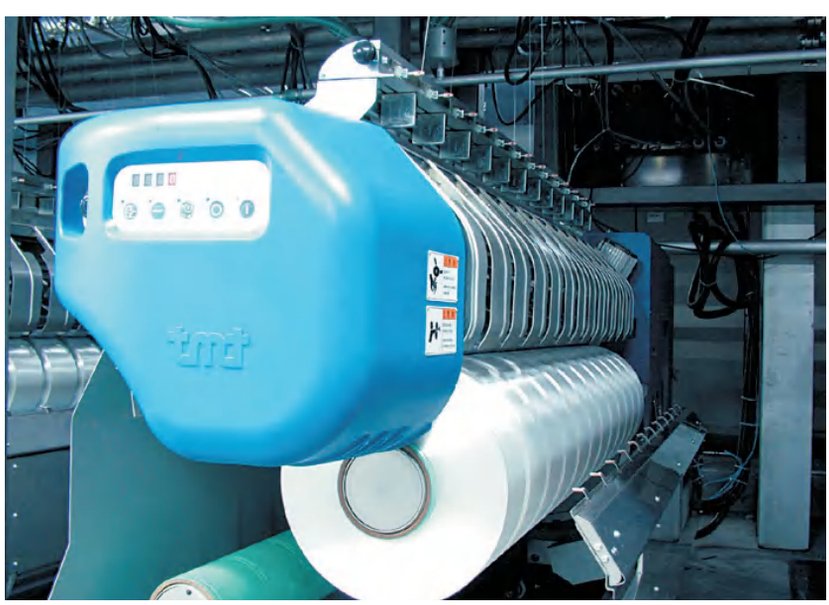
Futai Machinery Co., Ltd.

Components for Synthetic Fiber Spinning Machines & False Texturizing Machines



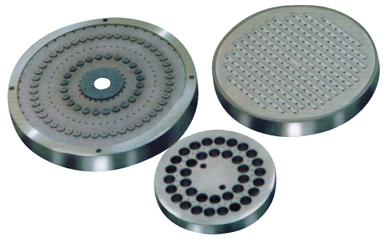

Your Partner Specialized in Quality Parts



Parts for Synthetic Fiber Spinning Machines

Synthetic Fiber Spinneret

Wet Spinning Spinneret



Wet Spinning is one of the major synthetic fiber spinning methods. Firstly the polymers need to be dissolved into solvent. Then the polymer solvent is extruded through the spinneret immersed in tanks which contains the polymer solvent, and then form the filament via solidification. Acrylic, vinyl, rayon are produced by this method.

In addition, wet spinning is also used to produce carbon fiber. Carbon fiber can be classified into PAN-base, and pitch-base. Nowadays, More than 90% carbon fiber is Pan carbon fiber. The PAN carbon fiber is produced via carbonization procedure of Pan, which is of high tension strength and high elastic strength. In general, wet spinning and dry-wet spinning are the main wet spinning methods. Especially the wet spinning is mostly used, which is of high productivity. In comparison with dry-wet spinning, the spinnerets used for wet spinning have more holes.

Material	stainless steel, tantalum, gold-platinum alloy
Number of holes	200,000, etc.
Shape	round, rectangular, ring, etc.
Diameter	0.03-0.3mm or on request
L/D	1-3 or on request
Application	Rayon, Carbon fiber, Acrylic, Aramid, Vinylon, etc.

Dry Spinning Spinneret

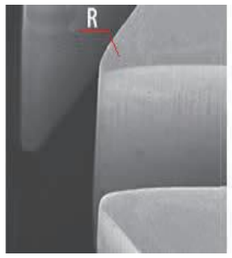


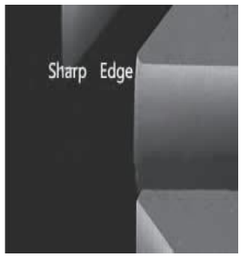
Material	stainless steel, tantalum
Number of holes	5000,etc
Shape	round, Triangular, etc
Diameter	0.06-0.5mm or on request
L/D	1-15 or on request
Application	Acrylic, Acetate, Triacetate, Spandex, etc

In dry spinning, the polymer in the first is dissolved into solvent, then is extruded from the spinneret into the hot air and at last is solidified into filament due to rapid evaporation. Acetate, acrylic and spandex can be produced in this method. In comparison with round hole spinnerets, the irregular hole spinnerets place higher requirement in the accuracy for the hole of width, length and the angle of guide hole.

Melt Spinning Spinneret







Melt Spinning is one of the major synthetic fiber spinning methods. Its main features are high winder speed, solvent not needed, simple machines and short procedures. Compare with other spinning method, Melt spinning is of high productivity. Melt spinning are mainly used to produce polyester, Nylon and PP.

Material	stainless steel
Number of holes	On request
Shape	round, irregular
Application	Polyester, Nylon, PP, staple fiber, etc

Spin Pack

Based on our rich experience and knowledge, we manufacture spin pack for wet, dry, melt and other spinning method for monofilament, multifilament, staple fiber and bi-components of sea-island, sheath-core, segment-pie, side by side and others filament and fibers.

Appearance of conjugate spinneret assembly



Overall picture of assembly



Sand Case

Spinneret & Other Parts For assembly



View of components from inlet side



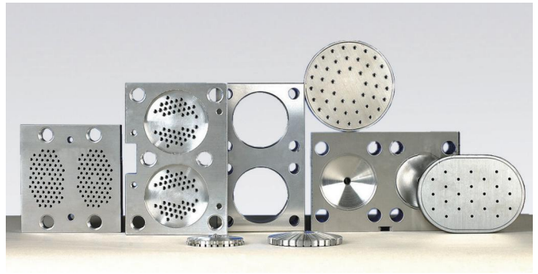
View of components from outlet side



Assembled Spinnerets

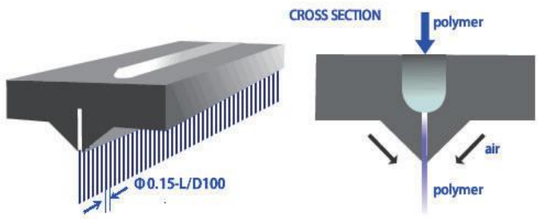
Spinneret for Nonwoven

Spunlace Spinneret



The spunlace method utilizes high pressure water jet streams which mechanically entangle fibrous webs to form the nonwoven fabrics.

Melt Brown Spinneret



The melt brown method blows off the molten thermoplastic polymer through the spinneret by means of convergent stream of hot air, which then rapidly attenuates the out-jetted polymer streams to form the nonwoven fabrics.

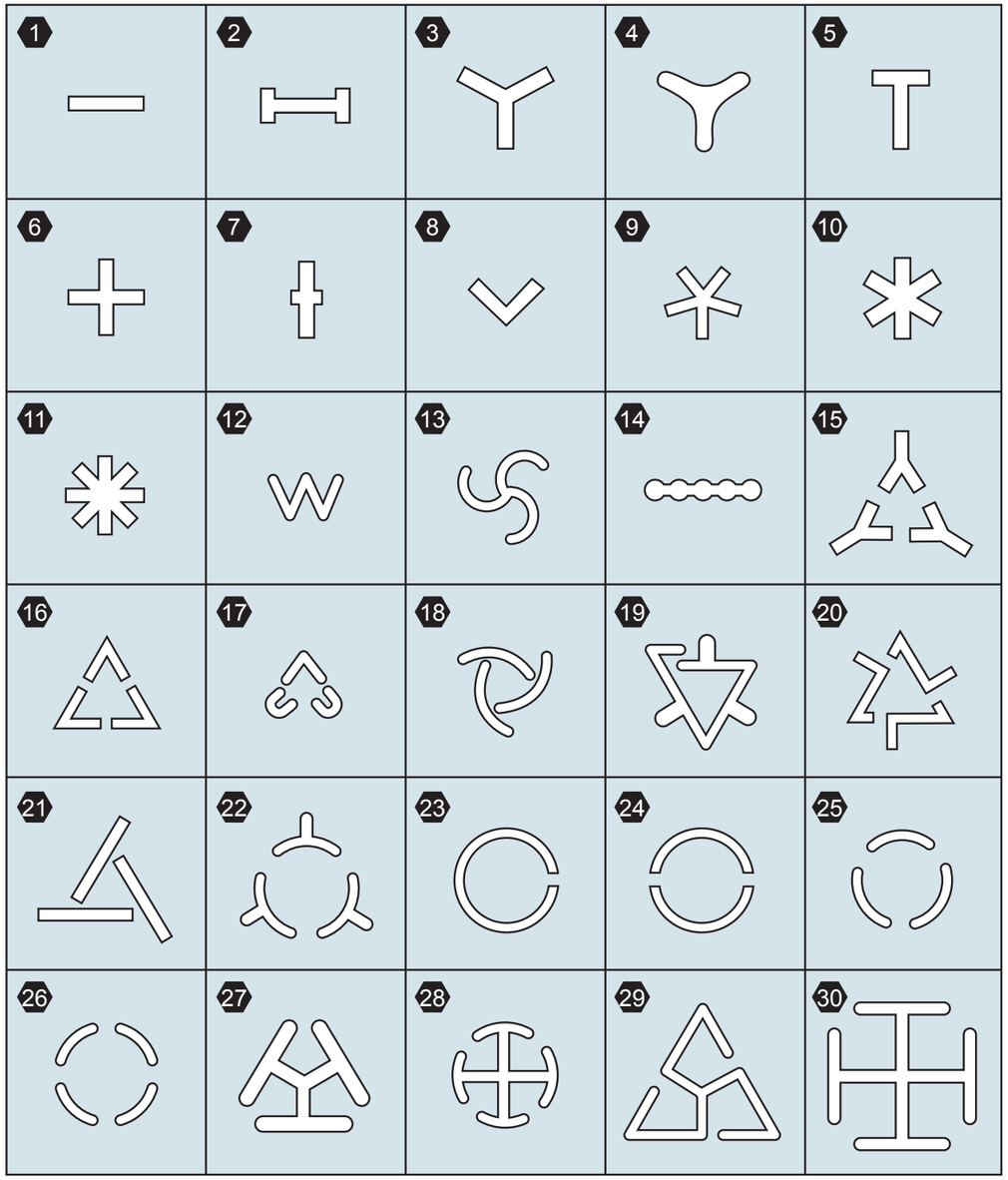
Spunbond Spinneret



Spunbond is an integrated method of creating nonwoven fabrics in which a molten thermoplastic polymer is extruded to form filaments. The cured filaments are then piled up onto a conveyer-type collector to make the webs, which are subsequently entangled and bonded each other to form the nonwoven fabrics. The spunbond spinneret is used to extrude the molten thermoplastic polymer in a desired diameter and shape in this process.

List of Irregular Capillary

The followings are the examples of typical specific capillary shapes. Various types of capillary shape produce various characteristics of yarn. It is possible to produce various kinds of specialty yarn by combining polymer kind and spinning condition. Besides these, we can design and produce other shapes. For more details, please contact us.



Technical Specification

Surface Roughness of Spinnerets

Surface Roughness of Spinnerets(ISO)		Surface Roughness of Exit Side(ISO)	
Counter sink	N5 - N7	Mirror Finish by Polishing	N1
Counter bore	N3 - N6	Mat Finish by Lapping	N2 - N4
Transition Angle	N2 - N6		
Capillary	N1 - N3		

Round Hole Spinnerets

Dia Of Capillary	Length of Capillary	Tolerance of Dia		Tolerance of length	
D	L/D (≤)	Special(±)	Precision(±)	Special(±)	Precision(±)
Φ0.04 -Φ0.10	1.00	0.001	0.002	0.001	0.002
Φ0.11 -Φ0.20	3.00	0.001	0.002	0.001	0.002
Φ0.21 -Φ0.50	5.00	0.001	0.002	0.001	0.002
Φ0.51 -Φ1.00	8.00	0.001	0.004	0.002	0.004

Profiled Hole Spinnerets

Width of slit	Length Of Capillary	Tolerance Of W		Tolerance l.r.d.g.q		Tolerance Of L	
W	L/D (≤)	Special(±)	Precision(±)	Special(±)	Precision(±)	Special(±)	Precision(±)
0.04 - 0.06	2.0	0.002	0.003	0.015	0.025	0.02	0.03
0.06 - 0.10	10.0	0.002	0.003	0.015	0.025	0.02	0.03
0.10 - 0.20	20.0	0.002	0.003	0.015	0.025	0.02	0.03
≥0.20	30.0	0.002	0.003	0.015	0.025	0.02	0.03

Oil pump & Spinning pump

Oil pump

Spinning pumps are high precision gear metering pump in round or rectangular shape for the production of synthetic fiber filament, staple fiber, carpet yarn, tire cord made from PET, PA6/66, PP, etc.

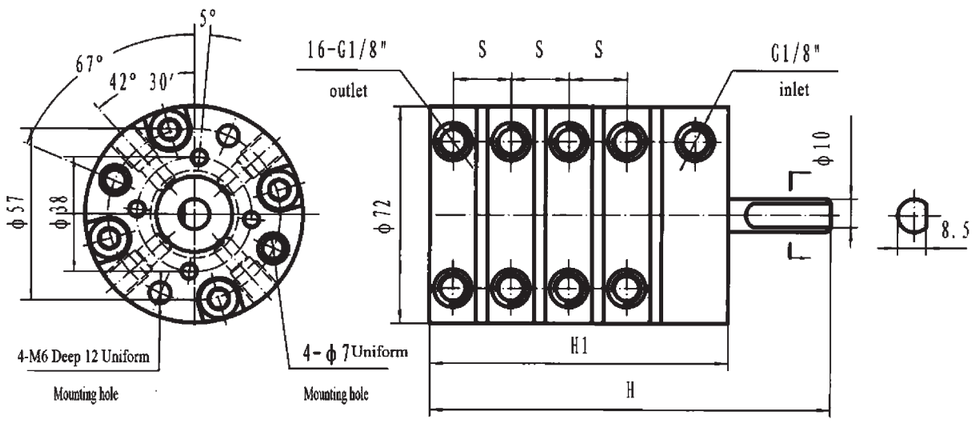
High precision gear metering oil pumps for the application of oil, lubricants and preserving agents in spraying system, optionally available with pipe-fittings, gear-motor unit and inverter.

Here just only 2 types are listed. For more information, please contact us



16 Outlet Oil Pump

- Number of inlet ports: I
- Number of outlet ports: 16
- Speed range: l0-60rpm
- Operation temperature: < 50℃



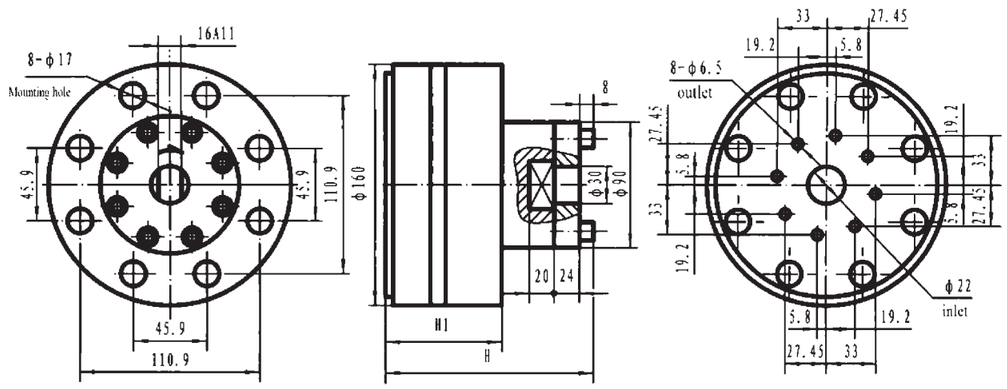
COMPUTER NUMBER	TYPE	CAPACITY PER PORT (cc/rev)	DIMENSION(mm)		
			S	H1	H
FY00081601	FYB16X0.08	0.08	15.4	84 6	112
FY00101601	FYB16X0.10	0.10	15.6	85 4	113
FY00121601	FYB16X0.12	0.12	15.9	867	114
FY00151601	FYB16X0.15	0.15	16.4	88 6	116
FY00201601	FYB16X0.20	0.20	17.2	91.8	119
FY00301601	FYB16X0.30	0.30	18.8	98.2	126

Spinning pump

8 Outlet Spinning Pump

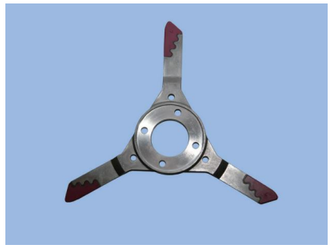
- Main application: spinning process of the filament of POY and FDY
- Number of inlet ports: I
- Number of outlet ports: 8
- Outlet pressure: 50MPa
- Speed range: l0-40rpm
- Max differential pressure: 40MPa
- Operation temperature: < 350℃
- Cleaning temperature: < 450℃





COMPUTER NUMBER	TYPE	CAPACITY PER PORT (cc/rev)	DIMENSION(mm)	
			H1	H
F3024801	FTB8X2.4-160	2.4	88.3	163.3
F3030801	FTB8X3.0-160	3.0	90	165
F3035801	FTB8X3.5-160	3.5	91.6	166.6
F3036801	FTB8X3.6-160	3.6	92	167
F3040801	FTB8X4.0-160	4.0	93.2	168.2
F3045801	FTB8X4.5-160	4.5	94.8	169.8
F3055801	FTB8X5.5-160	5.5	98.2	173.2

Rotor disc



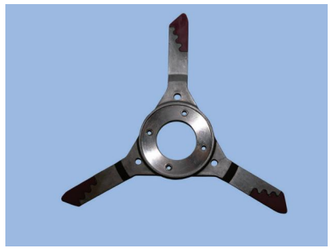
F-1011



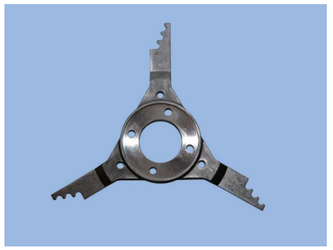
F-1012



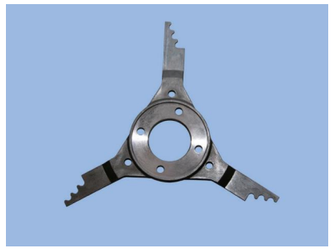
F-1013



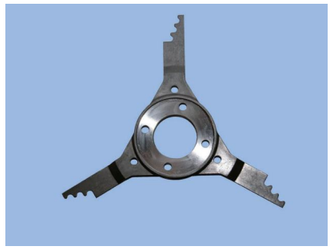
F-1014



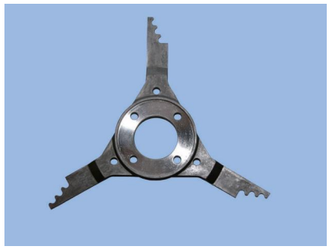
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F-1016



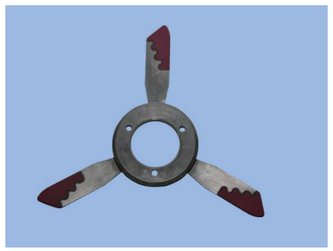
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F-1018



F-1021



F-1022



F-1023



F-1024



Parts for Texturing Machines

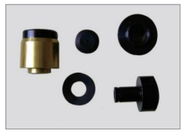
Barmag


FK6-700 Friction Unit

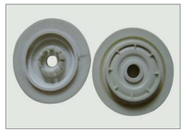

FK6-900 Friction Unit


FK6-1000 Friction Unit


Double Friction Unit


Spindle Cap


End cap
C210285


End cap
C210269


Stroke Modification
A-530-7508 A-643-0591


Stroke Modification
A-643-0588


Brone Bushing


Handle (right and left)
A-D18-2173 A-D18-2160


Metal Swivel Arm

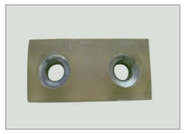

Metal Swivel Arm
4966199 7791707


Metal Swivel Arm
4966216 7791693

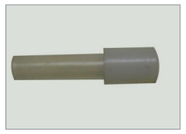

Metal Swivel Arm
4981670


Plastic Swivel Arm


Traverse Guide
3434092


Traverse Coupling Insert
2974752

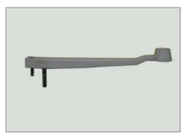

Thread Guide with Ceramic Guide
3381766


Spring Cap
3108708


Gate Assembly
3381636


Sliding block
3381665

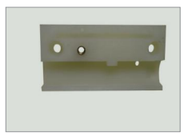

Horizontal Arm
6533037


Horizontal Arm
4720038


Horizontal arm

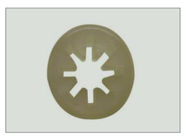

Horizontal arm


Guide Holder
3108724


Guide Holder
3108711


Cam
2646190

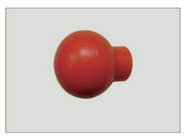

Cam follower
3381652


Clutch Collar
3359974


Yarn guide
A-646-2208


Yarn guide
FK6-002

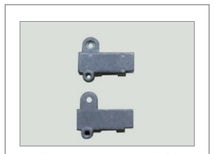

Yarn Guide
A-646-2224


Ball Button
3368090


Brake Handle
3368348


Bobbin frame assembly


Guide rail support
A-D32-2708


Support (right and left)
A-267-9131 A-267-9115


Support house
A-288-8774

Heater cap
A-D23-2618

Sliding block
A-267-9072

Sliding block
A-472-0692

A-372-7227

Yarn guide cover
A-552-1429

Yarn guide cover
A-657-2592

Oiling shaft house
A-D18-0225

C-200-1865

Guide block
A-251-7721

Guide

Plastic lock plate
A-594-4357

Yarn guide support assembly

Yarn guide support

Yarn guide wheel support
A-642-6749

Cam box assembly

4747034

Coupling
0340085

Coupling D18-D20
3844662

Coupling D22-D30
3844675

Coupling

Coupling
3844806 4251009

Coupling
3844659 4250980

Coupling
3844819 4250993

Coupling
2711321

Coupling
D03-2276

Coupling

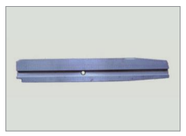
Roller
1895212

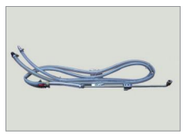
Roller
4635964

Roller
A-D09-2474

Suction Nozzle
A-587-8472

Barmag


Rail
A-744-5613


Injector
A-C93-7279


Timing Pulley


Processing Gears
FK6-600/700


Tension Roller Base
2518127


Chain Pulley
2522764


Chain Pulley
2522995


Chain Pulley
4936620


Worm Gear
FK6-700-2311


Worm Gear
FK6-700-2407


Worm Gear
FK6-700-2513


Tension Roller
2522823


Tension Shaft
3061185


Transmission shaft
2617317


Transmission Shaft
2630139


Transmission Shaft
2630937


Transmission Shaft
2674173


Transmission Shaft
2674199


Driving Shaft
4936646


Apron Roller Rack
2631522

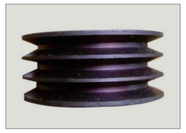

Lever Assembly
2670742 5793774


Holder Assembly
2720593


Base
2760845 D3220144


Support
2847462

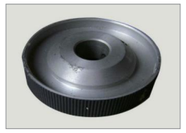

Tension roller base
2518127


Belt Pullery
2857913


Belt Pulley
2857896


coupling
2953628


3647789


Oiling Roller
4380511


Belt Pulley
5800046


Worm Rod
FK6-700-2401


Worm Rod
FK6-700-2408


Worm Rod
FK6-700-2508


Driving Bar
5174981 31402 5174994


Connection Shaft
2844688 4251038


Connection Shaft
2844688 4251038


Connecting Shaft
3844691 4251012


Connecting Shaft
3844705 4251025


Screw Liner
5175000 5131415

Traverse Assembly
4826176

Bearing Holder
3566151

Sleeve Tube
3138206

Apron Guide Rack

Handle Assembly
3728450

handle Assembly
3728476

Flange
3844763

Flange
3844750

Flange
3844734

Apron Roller Assembly
4950457

Apron Roller Rack
4021563

Bearing Holder
3803393

Bearing Holder
4029035

Bearing holder
4023088

Bearing Holder
4908487

Spindle
5409563

Spindle
5543887

Spindle
5543890

Spindle
5757358

Spindle
C634261

Spindle
C634274

Tension Roller
5543920

Guide Pulley
1057843

Roller
D316402

Tension Roller
HT-825-2100

Apron Roller

Nip Roller

Barmag Pnumatic
threading device

Bearing
2603145

Bearing Support
A-490-8487

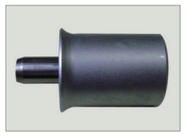
Barmag


FK6-121


Barmag FK6-158


Barmag FK6-159

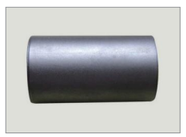

Barmag FK6-167


Thread guide roller


Apron roller ass'y
4950457


Piston


Yam guide
C633865


Roller
D316402


Radial fan


Friction unit
bearing base

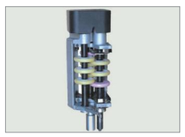

5384467


5543904


AFK end cap


FK6-005

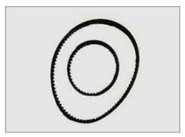
Rieter Scragg


Positorq 5 Friciton Unit


Positorq 2 Friciton Unit


Timing pulley 17T/2.85M
58300322


Friction Unit


Timing belt


Yarn guide


Yarn guide (round)
466 00256


Yarn guide (Square)
466 00256


Yarn Guide
208 00123


Cam follower
466 00366


Cam lever
208 00008 208 00007


Friciton unit handle
48200716


Handle


Handle
37005814

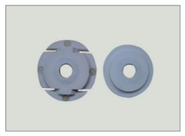

Handle
60001573


Cam lever
580 00241

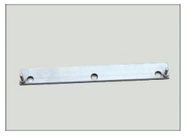

Cam lever
583 05814

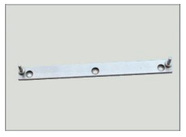

Cam lever
600 04140


Handle
208 00213


End cap
592 00379 592 00375


37000405


Bottom Slide Ass'y
46600332


Top Slide Ass'y
46600334


Catcher Arm(Left)


Catcher Arm(Right)

Oil Pump
47403115

Oil Pump
BIN 01864

Sine Bar Ass'y
46600140

Roller
584 00031

Roller
370 09058

Gear
438 01843

Gear

Timing Pulley&
Processing Gear

coupling D12
60005422

Coupling D20
46600126

Rieter Scragg



coupling D20
46600127



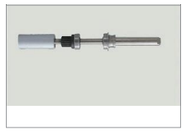
coupling D30
47402240



coupling D30
47402254



Driven Spindle



Driving Spindle



Guide Pulley
25750004



Pressure Roller
25750006 58400494



Guide Pulley
60004210



Tension Roller
25750005



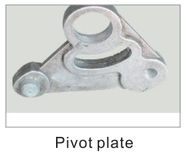
Nip Roller



370-00657



bearing support
370-08868



Pivot plate
438-02236(438-02387)



438-02238



follower arm
466-00136



Pivot
466-00144



Pivot Adjuster
466-00145



466-00196



Taper Setting Plate
466-00252



Protection Plate
466-00315



Protection plate
466-00316



474-01469



474-01478



474-02357



474-02535



474-02811



474-02539



Spring
474-03743



Spring
482-00218



474-04549



482-00232



482-00404



482-00909



Adjusting Bolt
559-00153



580-00235
580-00236



580-00237
580-00238



Bearing Holde
584-00057



Bearing Holder
584-00064



590-03186



590-03187

Nip Roller Casting
590-03191

591-01935

Spring
591-00326

592-00015

592-000447

Feed Back Profile Plate
592 00446

592-00269

592-00326

592-00328

600-03764
600-04752

600-04527

600-04769

600-05115

Roller Arm
700-00252 700-00322

700-00941

700-02004

700-02005

750-00015

CS-02392

braking block
49101983

Cap

Anti Twist Block
482 00290

Cover

feed back arm link
208 00011

feedback link block

internal oil ring
208 00038

wahser
20800036

Nip roller shaft

nip roller shaft-01

Pin

Rieter Scragg


Pipe connection
20800080


20800127


20800164

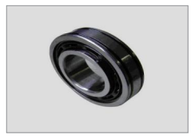

Sledge Support
20800178


Sledge support
20802687


Disturbing cam
591 02427


SDS 46600374


SDS cam plate
605 00211


Bearing BIN
16293 SDS

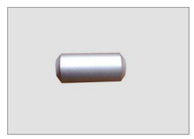

Disturber block
208 00012


Flexible bearing mounting
208 00211


474 01850


591 02200


Cradle arm righ hand
592 00269


605 00104

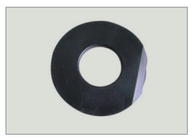

Jockey Pulley
2574004


Stud&spring assembly
48200230


Cam and cam plate
605 00212 (211)


Nip roller
405 00167


208 00036

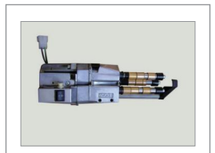

600 00497


605 00038


605 00212


2575 005

ICBT


Motorized Friction Unit


Friciton Unit


Coupling D15-D17
FT001353A


Coupling D15-D25
FT011526


coupling D19-D20
FT001059G


Coupling D19-D20
FT410019501


Coupling D20


Coupling D20
FT005051C


Coupling D20-D20
FT4100101A


coupling D20-D24
FT001169F


Coupling D20-D24
FT41004700


Coupling D20-D24
FT4100046900


Coupling D20-D24
FT4100049700


coupling D20-D28
FT101701


Coupling D20-D28
FT4100025


Coupling D19
FT00105908

Coupling
FT410002501

Elastic ring
FT004024D

Support
VFT4600003C

Plastic Handle
FT4500162

Seal
FT205050A

Telephone Assembly

Plastic Connector
FT108177A

Guide Rod Connector
FT004054A

Guide Rod Connector
FT004053A

Friction Unit Coupling
VFT 4600028

Edge Break Slope
10285041

Cooling Zone Support
FT4700367

Block Stop
VFT9994950

Bearing Reception
FT4500031

Yarn Guide

Yarn Guide

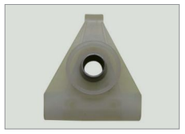
Yarn Guide

Yarn Guide
FT005017C

Base Plate
FT005003D

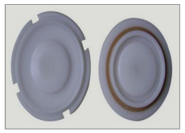
ICBT


Cam follower
FT005040A


Base plate
FT50281

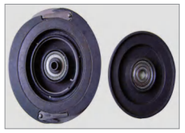

FT001

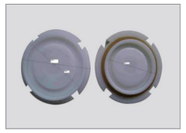

End cap
FT002


End cap
FT003


End cap
FT4500078


Metal End Cap


Autodoffing End Cap


End cap
FTF006


FT004


FT005328B


Cylinder Seal


FT005


Suction Cover
VFT480030802


Suction cover
FT4800005F


FT009223

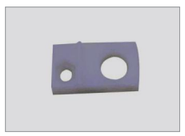

FT103035B


FT4500139A


FT4500139B


FTF-095


FTF-097


FTF-098

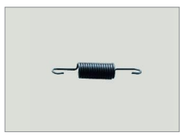

FTF-103


FTF-104


Threading Device


021433017


Nip roller


Spring
FT001081B


Gear
FT001286A


Spring pad
FT001353A


Spring pad
FT0011526

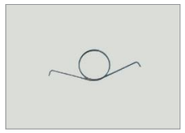

FT004019A

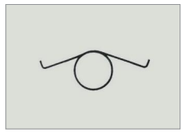

FT004088B


FT005136C


FT006065A


FT006079C


Spring
FT009044A(Left)


Spring
FT009045A(Right)


FT014148A


FT015752A

FT104006E

FT104006E

FT104009A

Spring
FT107117B

FT4400016A FT4400016B

Driving Spindle

Driven Spindle

Guide Pulley
FT106006B

Guide Pulley
FT106057C

Guide Pulley
FT106070A

Nip Roller

Threading guide assembly
FT005066A

FT009047B FT009201A

ICBT twist stopper

Twist stopper cover

Threading Arm

10130980

FT4500139B

take up lever
FT105287

Suction Pipe Cover

lap formation rocker bar

PT100

Selecting rocker bar

Bearing
FT005101B

pressure axle roller
FT4400016B

FT450042101

heater door handle
FT005025

FT4600025A

Bracket
VFT014046B

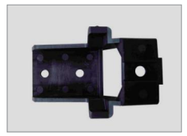
fibre washer
VFT009006A

ICBT


Spring
VFT4400015


axle
VFT4500269A


FT009224


FT009225A

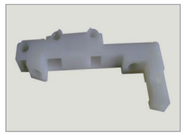

FT4500891


ICBT8E3 SMALL ROD


ICBT10 SMALL ROD


Brake shoe
FT005162A

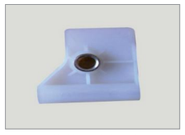

CUP
FT006100B


FT005066B


VFT001753B

RPR & Giudici


yarn guide
181-E-3SDX


sliding block
179-E-3SDX


cam follower
87-E-3SDX


RPR-001


RPR-002

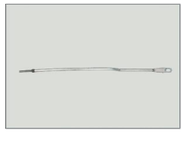

RPR-003


RPR-004


RPR-005


RPR-006


RPR-007


RPR-008


RPR-009


RPR-010


RPR-011


RPR-012


RPR-013


RPR-014


RPR-015
Roller

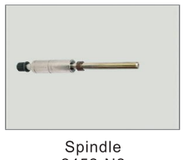

Timing Pulley&
Processing Gear


coupling D18-D25
194144


Coupling D18-D28
194143


Coupling D25-D28
194142


Spindle
2452-N1


Spindle
2452-N2


Apron Roller
194400


Apron Roller
194401


Guide Pulley
009023


Guide Pulley
009036


Nip Roller

189-E-3SDX

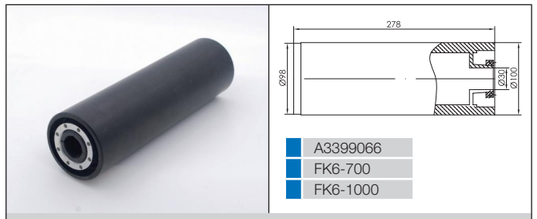
Yarn guide
X049E0S

TG20 Yarn guide

X049E0S

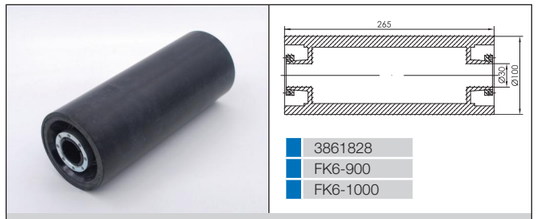
Take-up Roller & Cam

Barmag



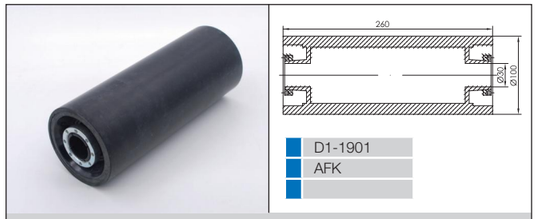
A3399066
FK6-700
FK6-1000

No: FTG-1001



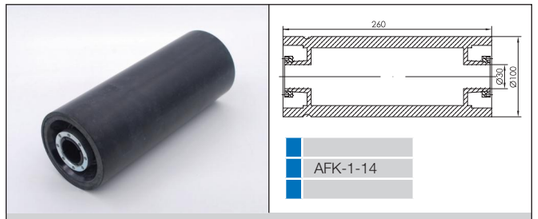
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FK6-900
FK6-1000

No: FTG-1002



D1-1901
AFK

No: FTG-1003



AFK-1-14

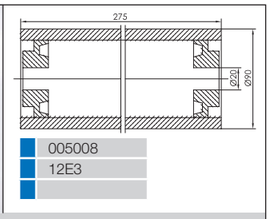
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FK6-701

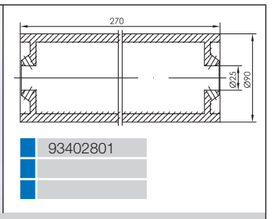
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Rieter ICBT

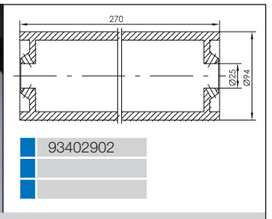
005008
12E3

No: FTG-2001

93402801

No: FTG-2002

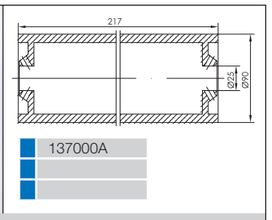
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No: FTG-2003



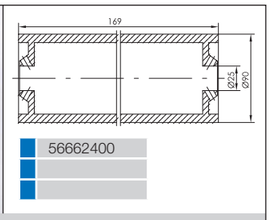
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No: FTG-2004

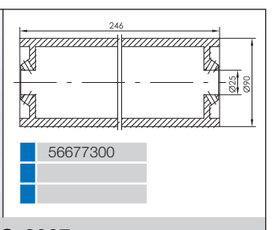
137000A

No: FTG-2005

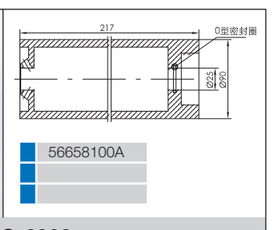
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No: FTG-2006

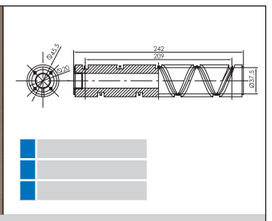
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No: FTG-2007

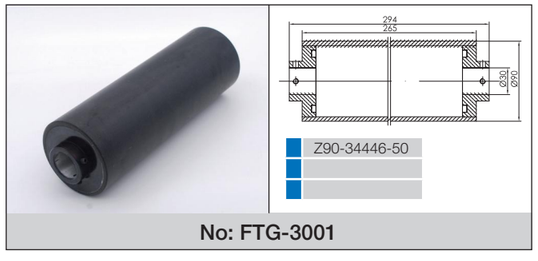
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No: FTG-2008

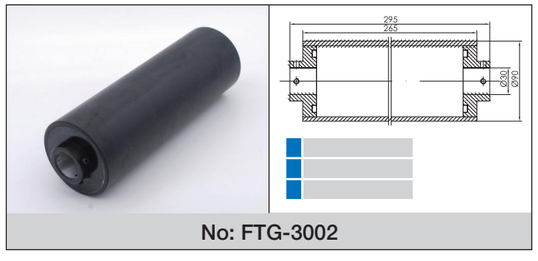
No: FTG-2009

Murata

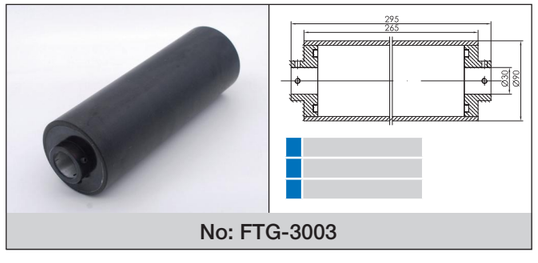


Z90-34446-50

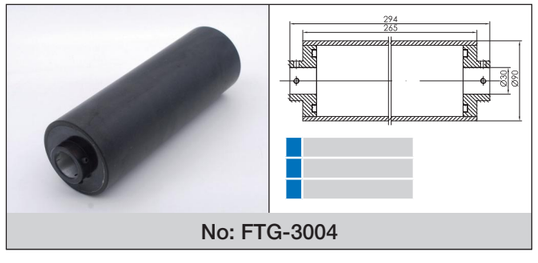
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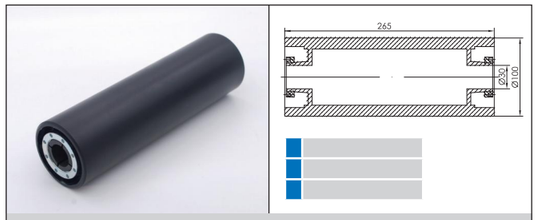
No: FTG-3002



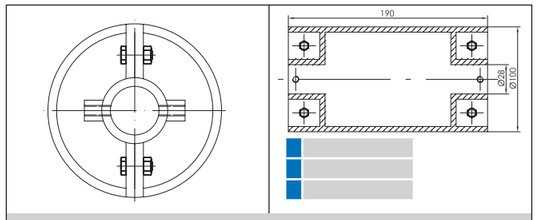
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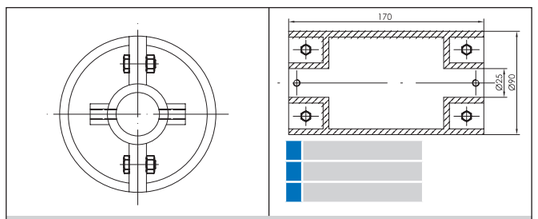
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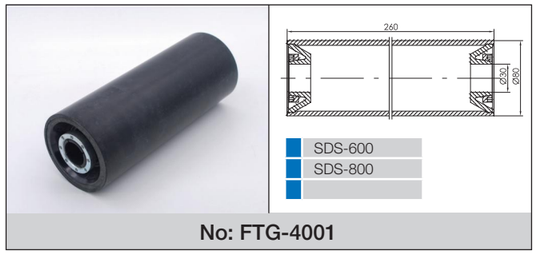


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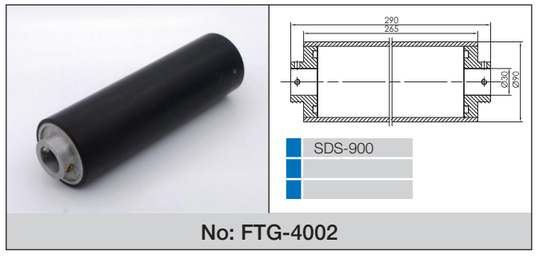
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Rieter Scragg



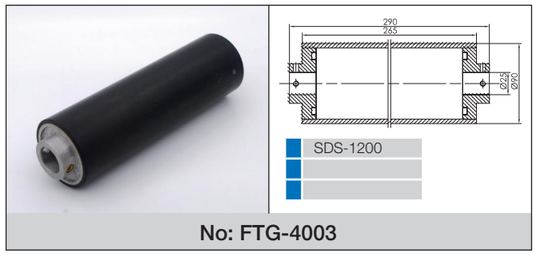
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SDS-800

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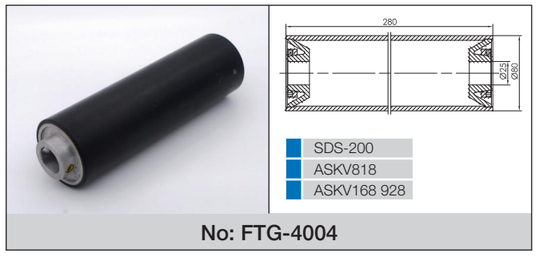
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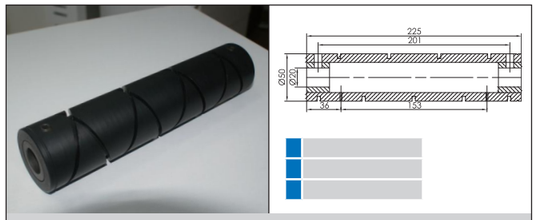
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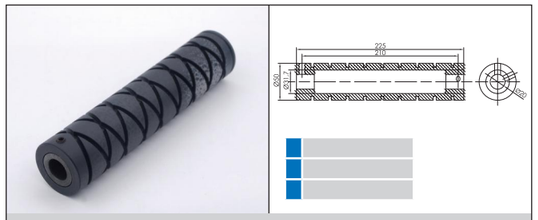


SDS-200
ASKV818
ASKV168 928

No: FTG-4004

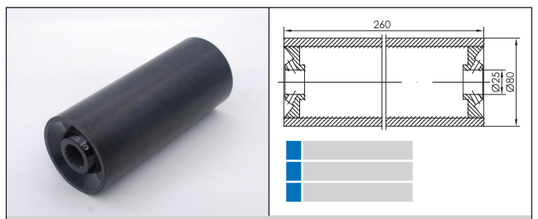


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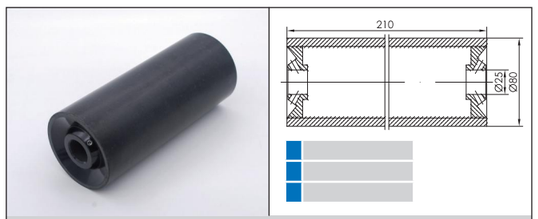


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AiKi

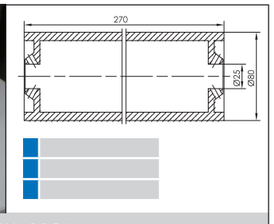


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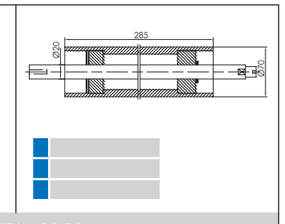


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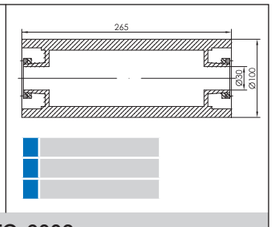
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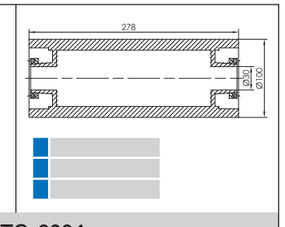
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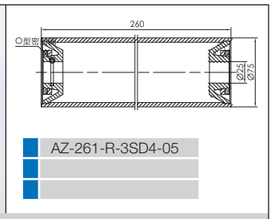


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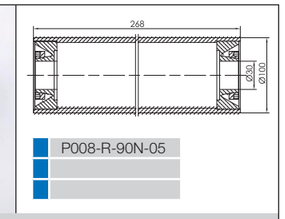
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RPR

AZ-261-R-3SD4-05

No: FTG-5001

P008-R-90N-05

No: FTG-5002



1948049

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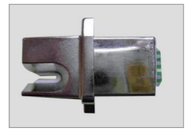
Yarn sensor & Cutter



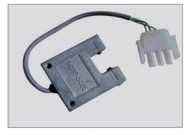
Barmag Sensor
YS001



Barmag Sensor
YS002



Barmag AFK Sensor
YS003



Barmag POY Sensor
YS004



Yarn Sensor
YS005



POY Yarn Sensor
YS006



Barmag POY Sensor
YS007



Yarn Sensor
YS008



Barmag Yarn Cutter
YS009



Barmag POY Yarn Cutter
YS010



Barmag AFK Yarn Cutter
YS014



Barmag Yarn Cutter
YS037



Murata Yarn Sensor
YS011



Murata Yarn Sensor
YS012



Murata Yarn Cutter
YS013



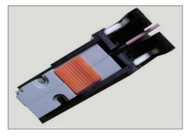
Murata Yarn Cutter
YS033



Murata Yarn Cutter
YS038



Murata Yarn Cutter
YS039



SDS Yarn Sensor
YS015



SDS Yarn Sensor
YS016



SDS Yarn Sensor
YS017



SDS Yarn Cutter
YS018



RPR Yarn Sensor
YS019



RPR Yarn Cutter
YS020



RPR Yarn Cutter
YS021



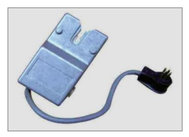
Yarn Sensor
YS022



IVF Yarn Cutter
YS023



ICBT Yarn Sensor
YS024



ICBT Yarn Sensor
YS025



ICBT Yarn Sensor
YS026

ICBT Yarn Cutter
YS027

ICBT Yarn Cutter
YS034

ICBT Yarn Sensor
YS035

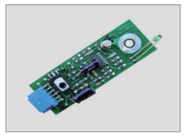
Yarn Sensor
YS028

ICBT Yarn Sensor
YS029

Yarn sensor & Cutter



ICBT Yarn Sensor
YS029-01



ICBT Yarn Sensor
YS029-E



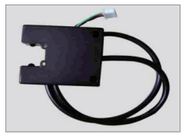
Teijin Yarn Sensor
YS030



Yarn Cutter
YS031



AIKI Yarn Sensor
YS032



YS036

Spindles and Bearings for Synthetic Fiber Machine

Synthetic fiber spindles

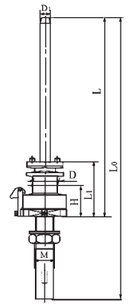


Fig.1

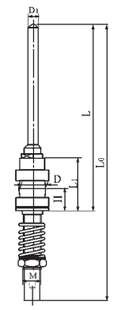


Fig.2

- The flexible centering sleeve with spiral slot, provide the ideal connection between the fixed neck bearing and the footstep bearing.
- The special designed lower insert can efficiently reduce the heat in running and give the spindles longer life.
- Chromium -plate spindle blade on the upper part, resulting in smooth surface, anti -rust and easy waste -removing.
- High carrying capacity, Small amplitude, Lower noise.
- Different types can be provided according to the demands of users.

TYPE	H	h	L	L_0	D	D_1	M	Bearing type	MACHINE	REMARKS
D3621	66	116	419	620	Φ50	Φ19	M36×1.5	DZ6	FA726	Fig.1
D3622					Φ70				FA727	
D3603	50	122	401	586	Φ50		M35×1.5		VC443A	Fig.2
D3603A		100	372	564					VC443	
HZD04	44	108	386	573.6					M402	

FJ series winding bearings

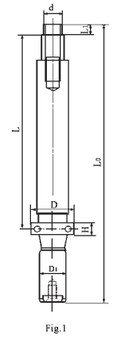


Fig.1

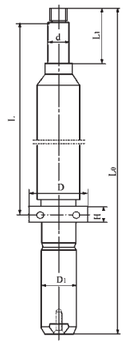


Fig.2

- The running axle replaces as the inner ring, which makes the bearing more compact.
- Advanced heat treating technology ensures the axle high surface's hardness and strength, good resistance to abrasion.
- Filled with high speed grease and fitted with complete sealed construction.
- The maximum speed is 20000rpm.

TYPE	D	D_1	d	H	h	L	L_0	MACHINE	Part NO.	REMARKS
FJ3510	Φ35	Φ22.8	Φ15	10	8.7	161	231	Barmag SW4R	4282192	Fig.1
FJ3510S					9.8	153.2	224.7			
FJ4714	Φ47	Φ28.5	Φ17	14	49	329.8	448	Barmag SW4S	5306506W	Fig.2
FJ6216	Φ62	Φ40	Φ20	16	47		563			
FJ4714A	Φ47	Φ28.5	Φ17	14		304.8	436		5524656	
FJ4714B					11	294	409		5306506N	Fig.1

Texturizing Machine Spindle

FT series false twist bearings & assemblies

- Designed with a two row deep groove ball, the bearings have advantages of high carrying capacity and steady running.
- The multi labyrinth rings or the L type ferrule complete sealing construction guarantees the bearing a good sealing function.
- The parts for the assemblies are strictly selected. The revolving parts are precisely dynamical balanced. The maximum speed is 20000rpm.
- The key parts for high - speed false twist textured yarns or false twist texturing machine.
- Different synchronizing belt pulley can be provided according to the different demands of users.

False twist bearings & assemblies

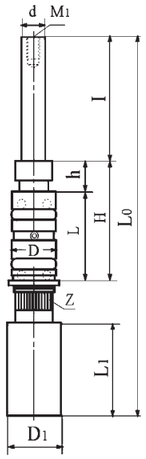


Fig.1

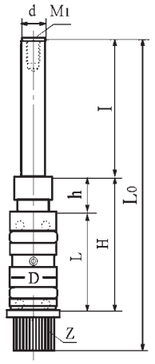


Fig.2

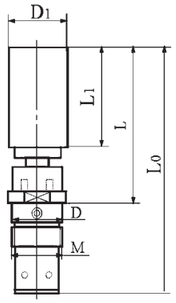


Fig.3

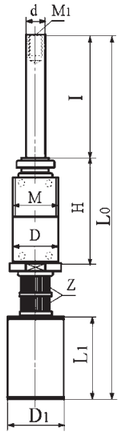


Fig.4

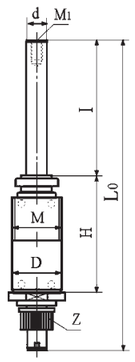


Fig.5

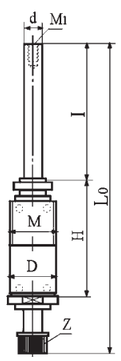


Fig.6

TYPE	D	d	D1	M M1	Z	H	h	I	L	h	L_0	MACHINE	PART NO.	REMARK
FT1	23	12	28	M5	20	59		61.5	43.8	45	187	FK6-600,700	5757358	Fig.1
FT2347-N1A							15.2					FK6-900,1200		
FT2						59						FK6-600,700,900	5409563	Fig.2
FT2347-N2A							15.2				138	FK6-1200		
FT3	21	8.1	25	M21x1					67.1	43	105.5	FK6-600,700	5543920	Fig.3
FT2865-N1	28	10.7	35	M5 M28x1.5	21 (24)	67.5		78.5		52	232	TFT-1070		Fig.4
FT2865-N2											180			Fig.5
FT2865-N2A														Fig.6
FT2347B-N1	23	12	28	M5	20		15.2	90.5	43.8	45	216			Fig.1
FT2347B-N2							15.2				169			Fig.2
FT2347C-N1			28			59				45	187			Fig.1
FT2347C-N2						59					137			Fig.2

False twist bearings & assemblies

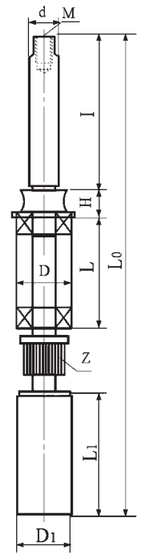


Fig.1

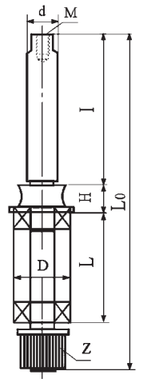


Fig.2

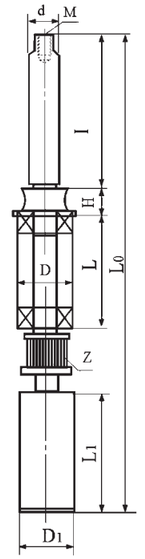


Fig.3

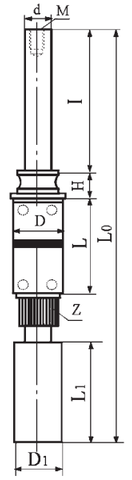


Fig.4

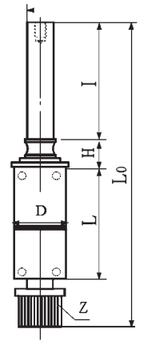


Fig.5

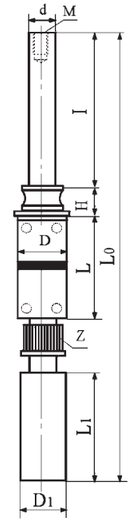


Fig.6

TYPE	D	d	D1	M	Z	H	I	L	L_1	L_0	MACHINE	PART NO.	REMARK
FT2245-N1	22	12	21	M5	21 (18) (17)	10.5	59.5	44	48	187	Rieter-Scragg DCS-1200	FT2244	Fig.1
FT 2245-N2										131			Fig.2
FT 2245-N1A			21						48	187			Fig.3
FT 2244-N1								42.5		187			Fig.4
FT 2244-N2										132.5			Fig.5
FT 2244-N1A			21						48	187			Fig.6
FT 2247-N1					25	11.5		45.5		187	SDS-700		Fig.4
FT 2247-N2									132.5				Fig.5
FT 2247-N1A			21						48	187			Fig.6

Texturizing Machine Spindle

False twist bearings & assemblies

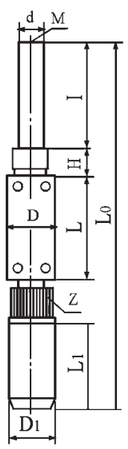


Fig.1

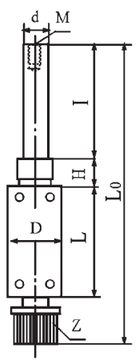


Fig.2

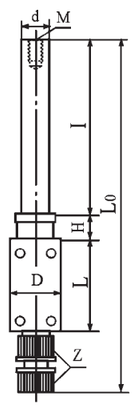


Fig.3

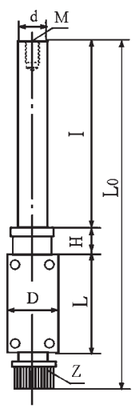


Fig.4

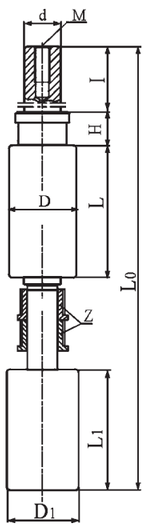


Fig.5

TYPE	D	D	D1	M	Z	H	I	L	L_1	L_0	MACHINE	PART NO.	REMARK
FT2452-N1	24	12	22.05	M5	31	13	74.25	52	47	209	FTF800	FT106089A	Fig.1
FT 2452-N2										159.65	FTF8E3	FT106091A	F 5g.2
FT 2452-N1A			28		26		68		47	208.5	IVF901		Fig.1
FT 2452-N2A										154			Fig.2
FT 2452-N1B			22		31	13.5	54		42	182.7	FTF12E3		Fig.1
FT 2452-N2B										1 41.5			Fig.2
FT 2652-N1	26	14.45		M6	19	13	97.5			1 95.8		FT016186A (VFT016184)	Fig.3
FT 2652-N2										180		FT01 61 87A (VFT016185)	Fig.4
FT 2452N-N1	24	12	38	M6	20	13	68	52	52	205			Fig.1
FT 2452N-N2										154			Fig.2
FT 2652B-N1		14.45	28		28		97.5		47	246			Fig.5
FT 2652B-N2										178.8			Fig.4
FT 2652B-N2A										191			
FT 2452D-N1		12	38	M5	20	13	87		45	223.5			Fig.1
FT 2452D-N2										173			Fig.2
FT 2452E-N1			25		26	13.5	67.5		47	208.5			Fig.1
FT 2452E-N2										154			Fig.2
FT 2452G-N1			22	M5	31	13	73.95		42	203.5			Fig.1
FT 2452G-N2										162			Fig.2
FT 2452M-N1			28	M6	28		55		47	203.5			Fig.5
FT 2452M-N2										136			Fig.2
FT 2452M-N2A										148			

False twist bearings & assemblies

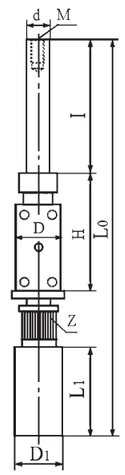


Fig.1

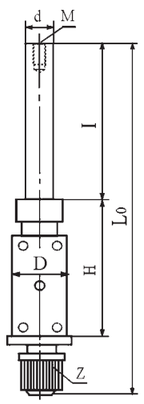


Fig.2

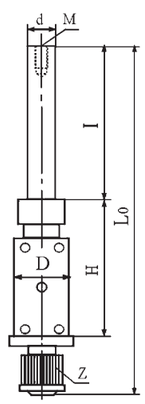


Fig.3

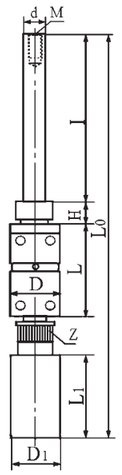


Fig.4

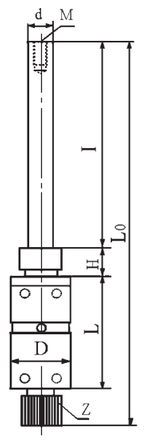


Fig.5

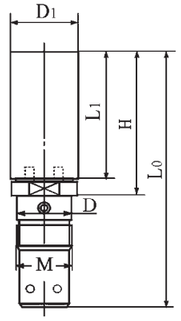


Fig.6

TYPE	D	d	D_1	M	Z	H	I	L	L1	L_0	MACHINE	PART NO.	REMARK
FT2447-N1	24	12	25	M5	26	59	67.5		48.5	200	TG20,TG30	0033442	Fig.1
FT2447-N2										146		0029812	Fig.2
FT2447-N2A												0029813	Fig.3
FT2850-N1	28		28		20	12.5	90.5	49.5	45	218.5	FK6900		Fig.4
FT2850-N2										169			Fig.5
FT2554-N3	21		25	M21x1		50.7			44.5	89.5			Fig.6
FT2850B-N1	28	12	28	M5	20	12.5		49.5	45	218.5			Fig.4
FT2850B-N2										169			Fig.5

Texturizing Machine Spindle

False twist bearings & assemblies

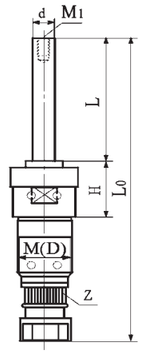


Fig.1

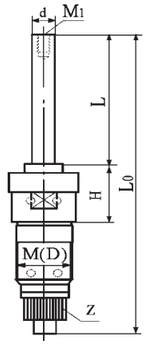


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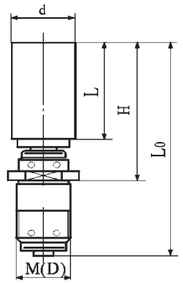


Fig.3

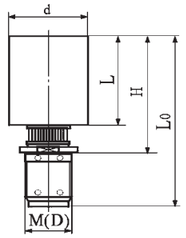


Fig.4

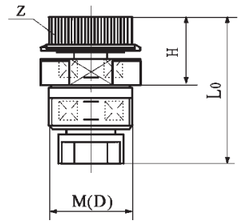


Fig.5

TYPE	M(D)	d	M_1	Z	H	L	L_0	MACHINE	REMARK
FT2144-N1	M21x1	8.1	M5	22	24	54	131	IVF701	Fiq.1
FT2144-N2							124		Fig.2
FT2844-N3		25.1			61.5	43	94.5		Fig.3
FT2934-N4	M24x1	40.2		26	65	50	95		Fig.4
FT3023-N5	M25x1			38	22.5		48.5		Fig.5

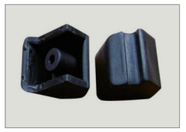
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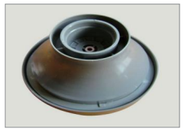

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ITFO-002rev02


ITFO-003


ITFO-004


ITFO-005


ITFO-006


ITFO-007


ITFO-008


ITFO-010

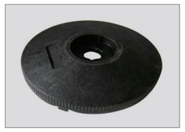

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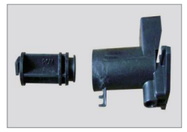

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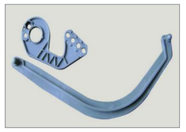

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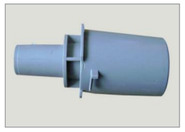

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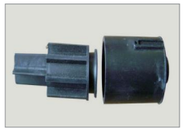

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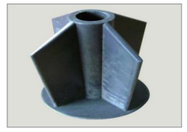

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ITFO-024


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ITFO-026

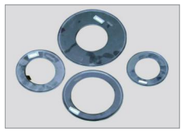

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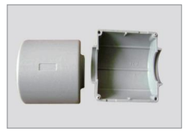

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ITFO-030


ITFO-031


ITFO-034


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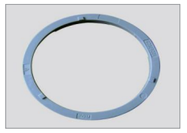

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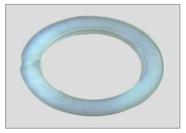

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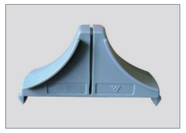
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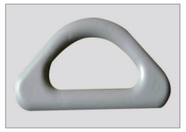

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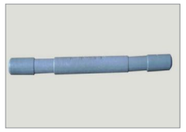

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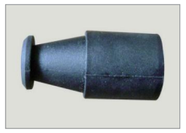

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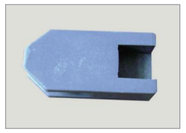

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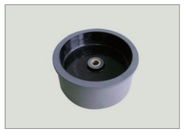

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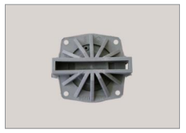

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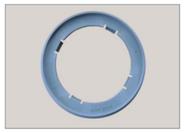

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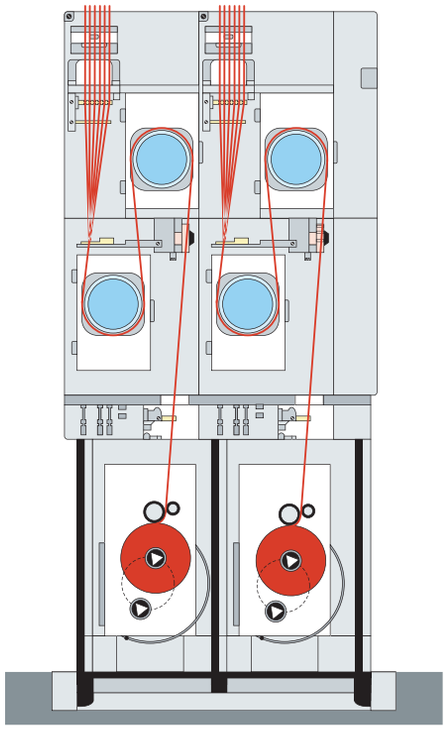
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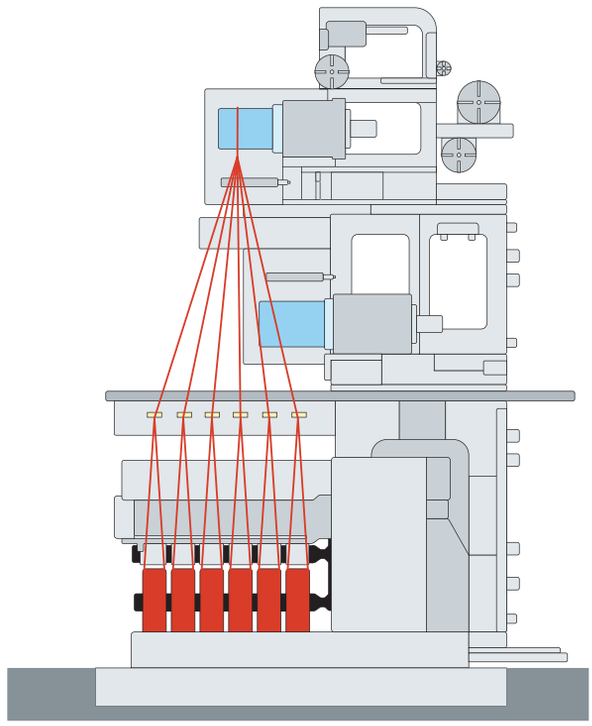
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TFO-001

overfeed disc





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