



DST

CATALOGUE

PRODUCTS

1. Textile Machinery Parts

- 1) Forged Beam for Tricot & Raschel
- 2) Casting beam for Tricot & Raschel
- 3) HS & MDH Nozzle for WJL
- 4) Pump spring for WJL
- 5) Electrical Parts for WJL

2. Textile Machinery - Warper

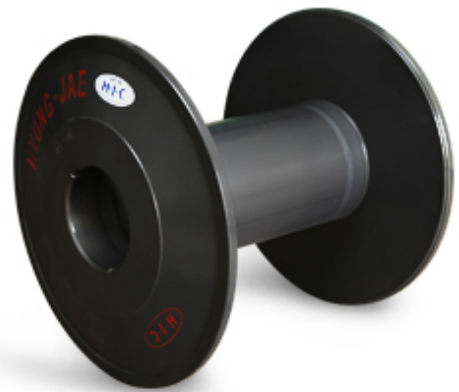
1 Textile Machinery Parts

- 1) Forged Beam for Tricot & Raschel
- 2) Casting beam for Tricot & Raschel
- 3) HS & MDH Nozzle for WJL
- 4) Pump spring for WJL
- 5) Electrical Parts for WJL

1) Forged Beam For Tricot & Raschel



40" X 21" X 50T



21" X 21" X 30T



30" X 21" X 30T



30" X 42" X 44.5T

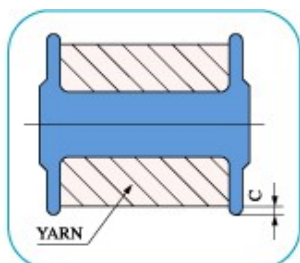


21" X 42" X 40T
BIG BARREL



21" X 42" X 40T

* DIMENSION



GUARANTEED WARPING YARN LENGTH

DESCRIPTION THREAD		21" X 21" X 30T 580ENDS		30" X 21" X 30T 580ENDS	
		LENGTH(m)	WEIGHT(kg)	LENGTH(m)	WEIGHT(kg)
N/F	20d	54,800	71	79,000	103
	40d	29,400	76	50,500	130
	50d	22,700	73	43,500	140
	70d	15,500	70	30,600	138
P/F	30d	47,500	92	81,800	158
	50d	25,900	84	52,000	168
	75d	16,400	79	32,600	158
	75d	40" X 21" X 50T(580ENDS) : 265kg			
SPANDEX LYCRA	40d	21" X 21" X 40T(680ENDS) : 58kg			

DESCRIPTION THREAD		30" X 42" X 44.5T 1174ENDS		40" X 42" X 67.5T 1174ENDS	
		LENGTH(m)	WEIGHT(kg)	LENGTH(m)	WEIGHT(kg)
N/F	20d	87,000	227	134,500	350
	40d	55,000	287	85,000	443
	50d	47,200	308	73,000	476
	70d	33,400	305	51,700	472
P/F	30d	89,000	348	138,000	540
	50d	57,000	371	88,400	576
	75d	35,700	349	55,400	542
	75d	40" X 42" X 50T(1160ENDS) : 550kg			
SPANDEX LYCRA	40d	30" X 42" X 45T(1380ENDS) : 193kg			

※ C must be over 15mm for all beams.

* Specification

SPECIFICATIONS

MEASURE MENT BEAM TYPE	SIZE (INCH)	DIMENSION								WEI GHT kg	AVAILABLE YARN
		D X L	mm	T inch	mm	D inch	mm	Q inch	mm	L inch	
HEAVY DUTY STANDARD For mono & multifilament Nylon, polyester Spandex, Lycra yarns etc.	21 X 21	30	1.18	532	20.94	470	18.50	530	20.87	36	Nylon, Polyester
	21 X 21	40	1.57	532	20.94	450	17.72	530	20.87	43	Spandex, Lycra
	21 X 42	40	1.57	532	20.94	986	38.82	1066	41.97	62	Spandex, Lycra
	21 X 21 Big Barrel	40	1.57	532	20.94	450	17.72	530	20.87	55	Spandex, Lycra
	21 X 42 Big Barrel	40	1.57	532	20.94	986	38.82	1066	41.97	75	Spandex, Lycra
	30 X 21	30	1.18	762	30.00	470	18.50	530	20.87	85	Nylon, Polyester
	30 X 21	40	1.57	762	30.00	450	17.72	530	20.87	97	Spandex, Lycra
	30 X 42	44.5	1.75	762	30.00	977	38.46	1066	41.97	131	N & P, Spandex
	40 X 21	50	1.97	1000	39.37	430	16.93	530	20.87	160	Nylon, Polyester
	40 X 42	50	1.97	1000	39.37	968	38.11	1068	42.05	188	Polyester
	40 X 42	60	2.36	1000	39.37	948	37.32	1068	42.05	215	Nylon, Polyester
	42 X 21	50	1.97	1060	41.73	430	16.93	530	20.87	175	Nylon, Polyester
	42 X 42	60	2.36	1060	41.73	948	37.32	1068	42.05	234	Nylon, Polyester
HEAVY DUTY DIABOLO	40 X 42	67.75	2.67	1000	39.37	933	36.73	1068	42.05	223	Nylon, Polyester

MEASURE MENT BEAM TYPE	SIZE (INCH)	DIMENSION								WEI GHT kg	AVAILABLE YARN
		D X L	mm	B inch	mm	d inch	mm	H inch	mm	W inch	
HEAVY DUTY STANDARD For mono & multifilament Nylon, polyester Spandex, Lycra yarns etc.	21 X 21	210	8.27	152.7	6.01	159.5	6.28	19.6	0.77	36	Nylon, Polyester
	21 X 21	210	8.27	152.7	6.01	159.5	6.28	19.6	0.77	43	Spandex, Lycra
	21 X 42	210	8.27	152.7	6.01	159.5	6.28	19.6	0.77	62	Spandex, Lycra
	21 X 21 Big Barrel	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	55	Spandex, Lycra
	21 X 42 Big Barrel	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	75	Spandex, Lycra
	30 X 21	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	85	Nylon, Polyester
	30 X 21	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	97	Spandex, Lycra
	30 X 42	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	131	N & P, Spandex
	40 X 21	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	160	Nylon, Polyester
	40 X 42	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	188	Polyester
	40 X 42	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	215	Nylon, Polyester
	42 X 21	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	175	Nylon, Polyester
	42 X 42	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	234	Nylon, Polyester
HEAVY DUTY DIABOLO	40 X 42	300	11.81	152.7	6.01	159.5	6.28	19.6	0.77	223	Nylon, Polyester

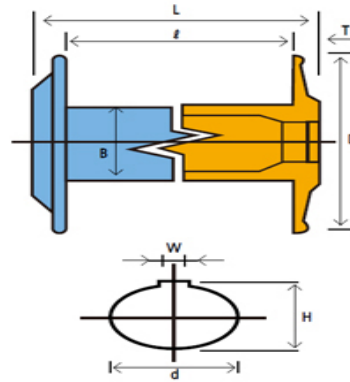
※ Beams of other specifications can be made on request.

※ For the beams of **40" DIA**, the use of **Lever Typed Chucking Adaptor**(Not Ball Type) is recommended, while yarn warping, due to heavy weight.

2) Casting Beam For Tricot & Raschel



21° x 21° 30T



40° x 21° 50T



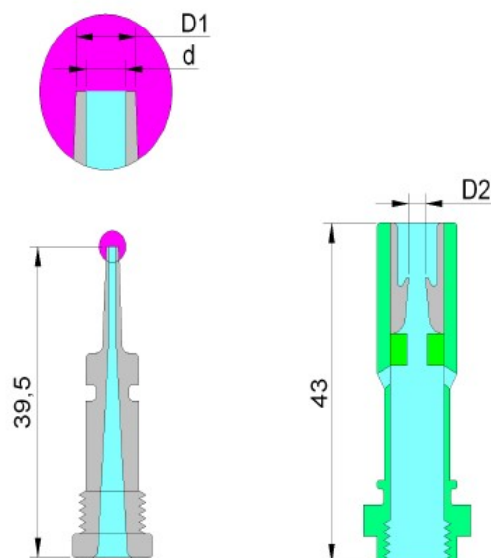
30° x 21° 40T

Size / DxL	DIMENSION(mm)								
	T(mm)	D(mm)	I(mm)	L(mm)	B(mm)	d(mm)	H(mm)	W(mm)	Weight
21x21	30	532	470	530	210	152.7	159.5	19.6	38
21x21	40	532	450	530	210	152.7	159.5	19.6	45
21x42	40	532	986	1066	210	152.7	159.5	19.6	64
30x21	30	762	470	530	300	152.7	159.5	19.6	87
30x21	40	762	450	530	300	152.7	159.5	19.6	98
30x42	44.5	762	977	1066	300	152.7	159.5	19.6	130
40x21	50	1000	430	530	300	152.7	159.5	19.6	160
40x42	50	1000	968	1068	300	152.7	159.5	19.6	190

3) HS&MDH Nozzle for Water Jet Loom



■ Form size [needle] ■ Form size [body] ■ Form number



HS-18 26
 Needle No. Body No.

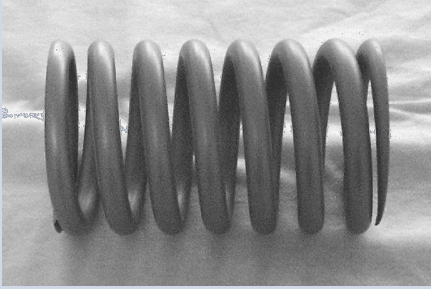
[Needle] Code number	d(mm)	D1(mm)
13	φ 0.9	φ 1.3
14	φ 1.0	φ 1.4
15	φ 1.1	φ 1.5
16	φ 1.2	φ 1.6
17	φ 1.3	φ 1.7
18	φ 1.4	φ 1.8

[Body] Code number	D1(mm)
21	φ 2.1
22	φ 2.2
23	φ 2.3
24	φ 2.4
25	φ 2.5
26	φ 2.6

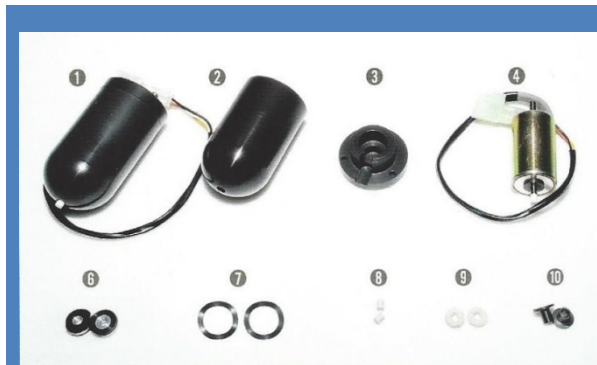
Patent No. Japan 1736639
 US 5119863
 EPC 383930
 KOREA 81286
 Utility model No. TAIWAN 69769

4) Pump Spring for Water Jet Loom

* Specification

Photo	Part No.	Specification	Type No.
 Dakurotizing	For M type Plunger kit		
	673273AY	ø8*ø72*120L	P
	673274AY	ø8.5*ø73*120L	Q
	673275AY	ø9*ø74*118L	R
	673276AY	ø9.5*ø75*119L	S
	673277AY	ø10*ø76*120L	T
	673279AY	ø10.5*ø77*124L	V
	673280AY	ø11*ø78*122L	W
 Cation coating	For H Type Plunger Kit		
	603422AY	ø10*ø70*116L	J
	603421AY	ø10*ø70*123L	K
	673040AY	ø10*ø70*126L	L
	For MS Type Plunger Kit		
	673320	ø9*ø75*140L	L1
	673321	ø9*ø75*142L	L2
	673322	ø9.5*ø75*140L	L3
	For MH type Plunger kit		
	673563	ø9.5*ø77*150L	20
	673564	ø10*ø78*150L	26
	673565	ø10.5*ø79*150L	29
	673566	ø11*ø80*150L	32

5) Electrical Parts for Water Jet Loom



HOOK PART

DST-1-A

1. Hook pin Ass'y
2. Hook Body
3. Body Cover
4. Solenoid
6. Stopper
7. Wave Washer
8. Cap
9. Seal
10. Bush



HOOK PART(NEW)

DST-1-B

- | | |
|----------------------|---------------|
| 1. Hook Pin Ass'y | 2. Body |
| 3. Body Cover | 4. Solenoid |
| 5. Coil Body | 6. Coil Ass'y |
| 7. Wave Washer | |
| 8. Stopper Rubber | |
| 9. Bush | 10. Seal |
| 11. Cap | 12. Shaft |
| 13. Coil Washer | |
| 14. Coil Front Cover | |
| 15. Coil End Cover | |



Clamper Part

DST-1-C

1. Clamper Ass'y
2. Body
3. Solenoid
4. Bush
5. Disc
6. Fixed Disc
7. Seal
8. Stopper Cover
9. Disc Seat
10. Stopper Collar
11. Body Collar
12. Disc Case
13. Cable Clamp

HOOK PART(NISSAN)																		
	DST-2-A																	
	<table> <tr> <td>1. Body</td><td>2. Core</td></tr> <tr> <td>3. Coil Body</td><td>4. Coil Ass'y</td></tr> <tr> <td>5. Hook Pin ASS'y</td><td>6. Body</td></tr> <tr> <td>7. Core</td><td>8. Coil Body</td></tr> <tr> <td>9. Coil</td><td>10. Hook Pin Ass'y</td></tr> <tr> <td>11. Core Bush</td><td>12. Body Bush</td></tr> <tr> <td>13. Cap</td><td>14. Core Cushion</td></tr> <tr> <td>15. Cushion rubber</td><td>16. Shaft</td></tr> <tr> <td>17. Spring</td><td></td></tr> </table>	1. Body	2. Core	3. Coil Body	4. Coil Ass'y	5. Hook Pin ASS'y	6. Body	7. Core	8. Coil Body	9. Coil	10. Hook Pin Ass'y	11. Core Bush	12. Body Bush	13. Cap	14. Core Cushion	15. Cushion rubber	16. Shaft	17. Spring
1. Body	2. Core																	
3. Coil Body	4. Coil Ass'y																	
5. Hook Pin ASS'y	6. Body																	
7. Core	8. Coil Body																	
9. Coil	10. Hook Pin Ass'y																	
11. Core Bush	12. Body Bush																	
13. Cap	14. Core Cushion																	
15. Cushion rubber	16. Shaft																	
17. Spring																		
	CLAMPER PART																	
	DST 2 – B																	
	13. Clamper Ass'y																	

2 Textile Machinery

- Warper

- STA F30"(21")×W21"
- STA F30"(21")×W21"
- STA F40"(30")×W42"
- W21"×F30"(21" combination)

- Warper
 - Tricot Warper



	F30"(21")×W21"	F40"(30")×W21"	F40"(30")×W42" / (F40"×W21"×2 set)
Model:	STA F30"(21")×W21"	STA F30"(21")×W21"	STA F40"(30")×W42"
Applicable yarn:	Polyester, Nylon, Cotton	Polyester, Nylon, Cotton	Polyester, Nylon, Cotton
Working Range:	F30"(21")×W21"	F40"(30")×21"	F40"(30")×W42"
Motor:	AC 5.5~11Kw	AC 7.5Kw	AC 11~15Kw, 3Ø 220~380V, Inverter control
Speed:	800~1000M/min Max 1200M/min	800~1000M/min, Max 1200M/min	800~1000M/min, Max 1200M/min
Auto System:	Beam lift, Main reed, Auto clamping, ATC(auto tension control) device	Beam Lift, ATC device, Auto Clamping,	Beam Lift, ATC device, Auto Clamping,

- Splitting Warper



* Specification

	W21"xF30"(21" combination) W42"xF30"(21" combination)
Feature	Polyester, Nylon(200TD/10F)→mono filament(30.20D/1F)
Applicable yarn:	TD200/10 filament-TD20/1 mono filament
Number of yarn:	600~2000 TH (128con)
Yarn speed:	600~800M/min
Motor:	TC 7.5Kw, 3Ø 220~380V

dst co.

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