

The power behind the perfection

We believe in the unadulterated hard work and selfless motivation to make a mark. A single minded dedication to be the best. A confidence to overcome the roughest challenges and emerge a winner. And that is exactly our working philosophy.

Each day is filled with opportunities. And we grab them with both hands. We are passionate about our products and take great pride in making a range that is top of the line. Each client, every enquiry is a signal that we are moving in the right direction. Each order tells us that we are affecting a change in some part of the globe. An example of perfection that can spin success for the users. Each product category is backed by intensive research, product testing and development, and superior production techniques.

Quest for perfection continues unabated.

Quality Policy

Injecting of State-of-the-art Technological Equipment for consistency, with a view on Energy Conservation & concern for the Environment.

Industry focused innovative development using latest technologies to achieve highest possible standards.

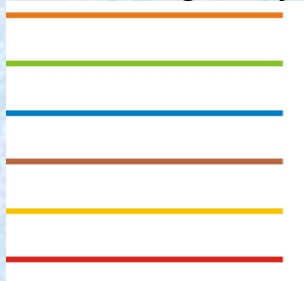
Advantages

Innovative Design Engine-Implementation of ideas based on customer feedback and continous learning and re-invent skills to suit customer needs.

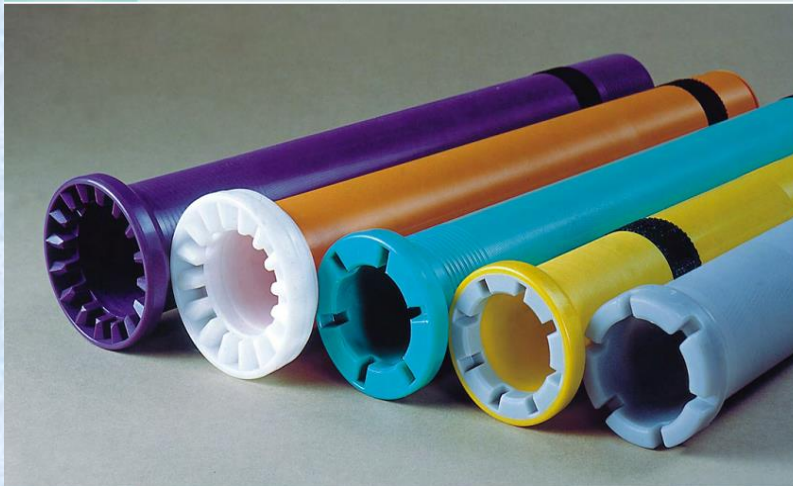
Guaranteed Timely Manufacturing and reliable logistics support.

Close contact and regular interaction with end users and textile equipment manufacturers for latest upgrades.

Inhouse testing facility for close tolerance production and quality checking.



Simplex Bobbin



Unique Features:

- Narrow fitting tolerance
- Improved design sticking band
- Surface to hold last layer roving in position
- Self lubricating acetal bush at the top
- No jam in flyer - No tilt in bobbin holder
- To avoid jump and jerk we provide extra engineering plastic bottom bush
- Excellent finish and attractive colours



Simplex Bobbin

Technical Specifications

L	D2	D4	D3				Bottom Teeth	Bottom Bush	Sticking Band	Top Bush
Toyoda (1500)										
445	45	39.3	22.2	1503	ABS605B	FI16	Close	No	5mm	Yes
445	45.5/45	39.3	22.2	1506	ABS625B	FL100	Close	Yes	25mm	Yes
Zinser (1600)										
450	56	50.3	25.2	1605	ABS625B	68i	Close	No	25mm	Yes
				1609	ABS625B	670	Close	No	25mm	Yes
450	48	40.3	25.2	1151	ABS615B		Open	No	15mm	Yes
Reiter (1400) / Marzoli (1800)										
446	53.5	42	Bush	1801	ABS625B		Close	Yes	25mm	Yes
Howa (1200)										
445	45	37.4	25.3	1760	ABS605B		Close	No	5mm	Yes
445	45	39.35	25.3	1761	ABS605B		Close	No	5mm	Yes
Platt Socolowell / Others										
350	50.7		21.5	1806	Ph					
400	50.7		21.5	1807	Ph					
395	60		25.2	1627	Ph					
LMW (1700)										
340	48	40.3	25.2	1734	ABS2B		Close	Yes	No	Yes
362	48	40.3	25.2	1730	ABSBM		Close	No	No	Yes
395	48	40.3	25.2	1706	ABS4B		Close	No	No	Yes
450	48	40.3	25.2	1721	ABS615B		Close	No	15mm	Yes

Measures in mm - tolerances according to ISO / machinery manufacturer's specification.
Above are few common sizes. We do manufacture in many different sizes and have full range.
Please provide drawing / detailed specification & we would be glad to offer accordingly.



Top Bush

Bottom Bush

Sticking Band 5mm

Sticking Band 25mm

Over Groove



Ring Frame Tube



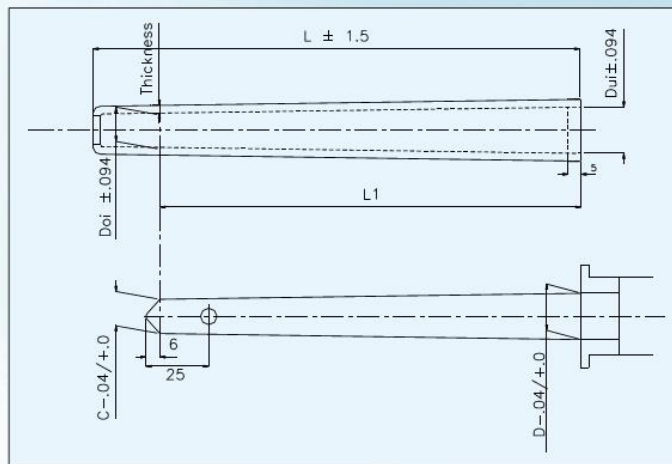
Unique Features:

- Eccentricity better than specified international standards
- Fitting dimensions as per ISO & machine manufacturer's specification
- Made from special polycarbonates & other polymers + bush + steel ring
- Suitable for manual and auto-doffing
- Tough surface with micro grooves
- True running for longer period hence less energy consumption
- Less end breakages and low TPI variation
- Special material / surface for mild to rigorous steaming application
- Bush type tubes with narrow fit clearance reduces end breakages and ensures smooth doffing
- Special tubes for lycra yarn and high twist yarns



Ring Frame Tube

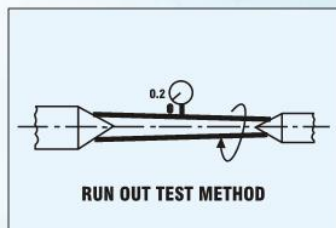
Technical Specifications



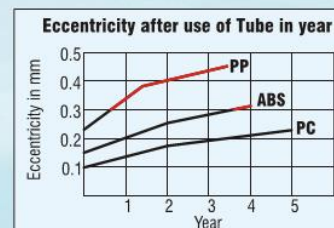
For new enquiry, send us the dimension of Spindle and present Tube, as per above drawing and machine maker drawing.

Specifications

Bobbin Ø	: 5mm to 56 mm
Speed	: 5,000 to 50,000 rpm
Range	: 10 to 1999 μm
Accuracy	: $\pm 5\%$
Power	: 1.5 volt x 2 batteries



Runout is one of the tests to check the Tube. For further information, please ask for our leaflet and lab test of Bobbin.



The graph indicates how Tube changes its eccentricity with passage of time and becomes **unserviceable**.



Hard Bush



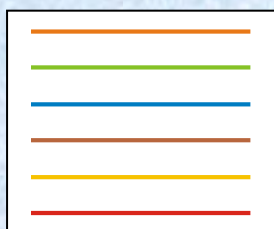
Steel Ring

We have Tube for following applications:

1. Normal R/f PC tube
2. High speed PCG with hard bush
3. Auto doffing PCG with hard bush / steel ring
4. Steaming EP tube
5. Lycra Yarn EP tube



Overgroove



Winding Cone

||| ||| ||| OE Tube



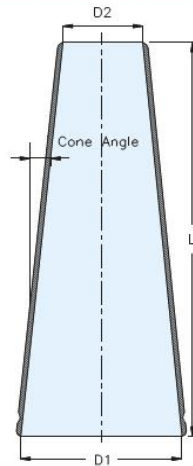
Unique Features:

- Available in various angles - 3° 30, 4° 20, 5° 57, 9° 15
- 'Bull Nose' or 'Cut Nose' type
- Different surfaces to suit yarn quality - knurling / plain grooves / step
- Eccentricity & dimensions as per ISO standards
- Made from special polypropylene and other polymers
- Suitable to run even at high speed



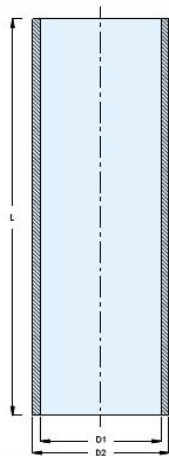
Winding Cone and OE Tube

Technical Specifications



WINDING CONE

Cone Angle	L ± 1	D1 ± 0.25	D2 ± 0.30	Surface
9° 15' (7910)	175/178/180	65	7715 Ph	KN
5° 57' (7510)	170	68	28	7511 Ph
	170	68	28	7515 Ph
	170	68	28	7510 -PhTC
4° 20' (7410)	170	59	28	7415 Ph
	170	59	28	7412 -PhTC
3° 30' (7310)	170	46	17	7311 Ph
	175	46.2		7312 Ph



OPEN - END TUBE

L ± 1	D1 ± 0.25	D2 ± 0.25	Surface
170	43	48	5669 Ph
170	43	48	5671 PhTC
170	54	60	6527 Ph
170	54/42	60	6525 -PhTC
170	54	60	6526 -PhTC
172	8.7	32	4689 H

TC - Two Colour Product

Measures in mm - tolerances according to ISO / machinery manufacturer's specification.

Above are few common sizes. We do manufacture in many different sizes and have full range.

Please provide drawing / detailed specification & we would be glad to offer accordingly.



|| || || || Dyeing Tube & Cone



Unique Features:

- Perforated cones are available in 1° 51, 4° 20, 5° 57 & others
- Available in different polymers & thickness to withstand high temperature
- Cones with 'Bull Nose' or 'Cut Nose'
- Dyeing tubes available in various sizes, stackable and non-stackable type
- More open surface area - upto 70%
- Tube fits one inside the other, hence no spacer required
- Suitable for yarn sales or for repeat use

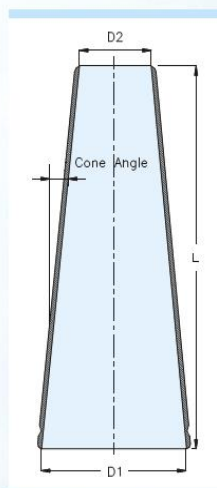


Dyeing Tube & Cone

Technical Specifications

DYEING TUBES

Product	L ± 1	D1 ± 0.25	D2 ± 0.25	Type
Flexible Tube	175	41.5	9641 Phm	One Way Use
	175	58	9658 Ph	One Way Use
	170	54	9654 Ph	One Way Use
	170	54	9651 Ph	One Way Use
Rigid Tube	173	41.25	9642 Ph	One Way Use
	170	58	9655 PKN	Repeat Use
	176	54	9656 Ph	One Way Use
	163.5	63.5	71.5 9659 EP8	Repeat Use



PERFORATED CONE

Angle	L ± 1	D1 ± 0.25	D2 ± 0.30		Surface
5° 57'	170	68	28	7521 PKN	Repeat Use
4° 20'	145	55	33	7906 PhPER	Repeat Use
	170	59	33	7907 PhPER	One Way Use
	170	59	33	7905 PhPER	One Way Use
1° 51'	170	65	42	7105 PhPER	Repeat Use

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Available Colours

Code	Shade	Material	Code	Shade	Material
	1001 Yellow	▲ ■ ●		5005 Royal Blue	▲
	1002 Transparent Yellow	▲		6001 Parrot Green	▲ ■ ●
	2001 Orange	▲ ■ ●		6003 Bottle Green	▲ ■ ●
	2004 Transparent Orange	▲		6004 Mehandi	▲ ■ ●
	3001 Red	▲ ■ ●		6005 Transparent Green	▲
	3002 Transparent Red	▲		6007 Ice Green	▲ ■ ●
	3003 Pink	▲ ■ ●		7001 Medium Grey	■ ●
	3006 Badami	▲ ■ ●		7002 Light Grey	▲
	4001 Violet	▲ ■ ●		7005 Auro Grey	▲ ■ ●
	4002 Transparent Violet	▲		8001 Light Brown	▲ ■ ●
	4011 Purple	▲		8003 Maroon	▲ ■ ●
	5001 Light Blue	▲ ■ ●		8004 Transparent Brown	▲
	5002 Medium Blue	■ ●		9001 Transparent White	▲
	5004 Transparent Blue	▲		9002 Milky White	▲ ■ ●
				9003 Ivory	▲ ■ ●

Remark:

The Bobbins are used in different colours to identify lot and quality of yarn. Colour of articles changes marginally due to variation in base polymer and additives. It also changes during its use, due to exposure to sunlight, chemical, fumes, oil, etc.

Due to printing limitations, above shades are indicative and may vary in actual products.

▲ - PC ■ - ABS ● - PP



Sliver Can & Spring



Unique Features:

- Varying diameter springs made possible on CNC machines
- Heat welded plastic sheet on automatic European machine for true running
- Heavy gauge accessories for durability
- Heavy castors with fluff shield for long lasting

Specification

Sr	Dimension		Tolerance	mm
1	Inside Diameter of Can	d1	$\leq 600 \pm 3$ $\geq 800 \pm 6$	
2	Height of Can	h1	± 5	
3	Height of Bottom Binder	h2	± 5	
4	Bottom floor Clearance	h3	± 3	
5	Height of castors	h4	± 3	
6	Diameter of castor	d2		
7	Spring Load required	Fn	$\pm 10\%$	
8	Thickness of the sheet		$\pm 5\%$	
9	Quantity			
10	Colour of the sheet			
11	Sliver Material			

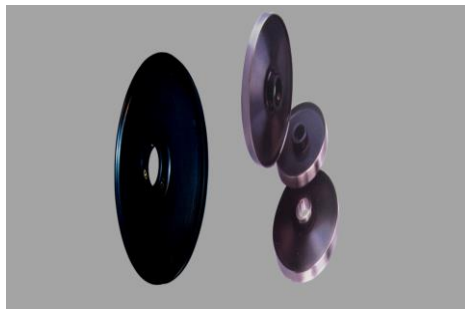
TEXTILE PLANT ACCESSORIES

Ball Bearing Holders



- *Suitable for all applications: Cotton, Synthetic and wool.*
- *Robust body*
- *Advanced internal braking system*
- *Rotating and Non-rotating models*
- *Fluff & dust proof*

Spindle Driving Pulley



- *Made of Poly carbonate filled glass fibre reinforced ABS making it stronger & Lighter*
- *Less air turbulence reduces noise level of the frame*
- *Attracts less fluff and dust towards the spinning area*

Loom Cylinders & Balloon Breakers



- *Maintenance free design*
- *Easy Installation*
- *High Strength*
- *Smooth surface finish*

- High wear protection*
- Highest level of accuracy*
- Wide range of balloon control rings*
- Influences reduction on yarn tensions*

Bobbins and Sliver Cans in textile industry

