



T&I Global Ltd.

ORBIT

Premium Quality Segments



T&I Global Ltd. has launched its premium quality range of segments manufactured in world class facility, offering the highest standard of quality

Available for 8.25", 9.5", 13" roller sizes

Available in SS201, SS301, SS304 & SS316 Quality

T&I Global Ltd.

11, Jassal House, 4-A, Auckland Square, Kolkata – 700017, India



Introduction :

T & I Global Limited (TIGL) is a leading manufacturer and Exporter of Tea processing machinery with the expertise to supply Customised processing equipments for CTC, Orthodox & Green Tea. The company was established in 1949 and has two full Fledged manufacturing facility in India - at Kolkata - the capital city of West Bengal and at Coimbatore the industrial city of Tamilnadu. TIGL Segments are found to be of highest quality conforming to ISS : 8748/1978.

Salient Features :

"TIGL" segments have uniform fine grained selected prime stainless steel bars which are tested for excellent mechanical properties.

"TIGL" Segments are a blend of latest technology and expertise and a product of proven efficiency. Every piece goes through stringent Quality Control methods to ensure cent percent reliability.

"TIGL" Segments have impact resistance properties and higher tensile strength ensuring longer life cycle.

"TIGL" Segments are also ultrasonically non-homogeneity to further ensure each and every piece free from internal defects.

Pin Hole & Pins Pegging :

"TIGL" Segments are normally supplied with plain faces but can also be supplied with jig drilled pin holes and pins at no extra cost. Normally 5mm pins are supplied but 6 mm pins can also be supplied if requested.

ROLLER'S Sharpening Data

Type of Chasers	Depth of Circumferential Grooves	Depth of Spiral Groove (Helical) Grooves	Difference to Be Mintained	REMARKS
8 TPI V & U	U .080" V .090"	.068" .078"	0.12" .010"	The difference between circumferential grooves & spiral grooves is very important. Tooth Ratio is also a very important part of roller sharpening.
10 TPI V & U Profile	U .078" V.008"	.068" .078"	0.10"	

Dimension of Segments

O. D		I.D.		Thickness	
Inch.	mm.	Inch.	mm.	Inch.	mm.
8.25"	209.5	6.375"	161.925	2"	50.8
8.5"	215.9	6.375"	161.925	2"	50.8
9.5"	241.3	6.375"	161.925	2"	50.8
9.5"	241.3	7.375"	187.325	2"	50.8
13"	330.20	10.630"	270.000	2"	50.8

Note : Due to continuous process of development the designs is subject to change without notice.

T & I Global Ltd.

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