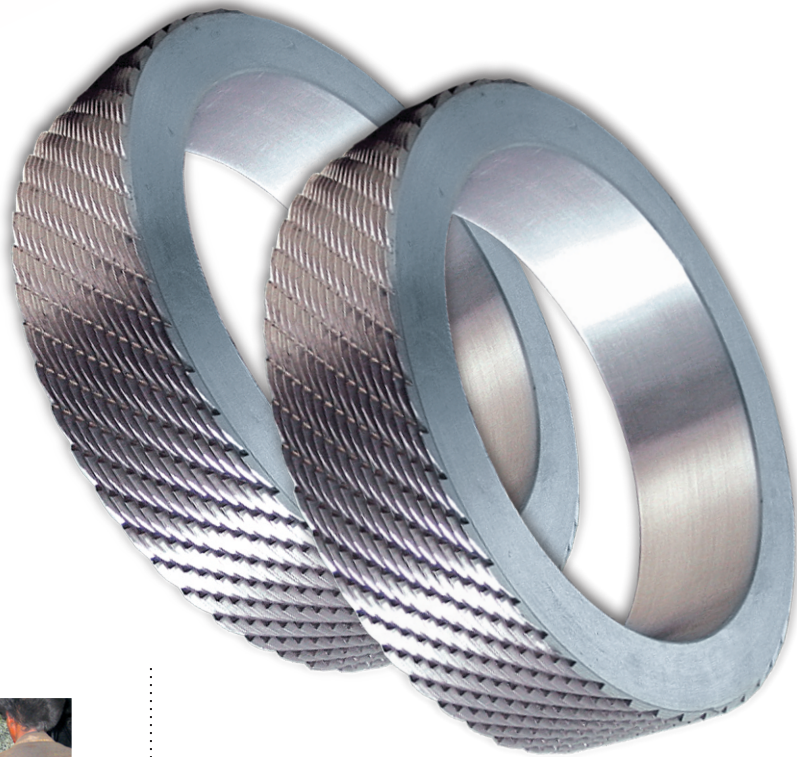




Zenith and You - The Perfect Blend

Zenith

Forged Segments



- High Quality, Non Magnetic having uniform fine grain.
- 100% Austenitic metallurgical structure.
- Uniform hardness, no hard spots.
- Manufactured from selected selected prime Stainless Steel Bars which are tested to be of stringent standards.
- Zenith Segments is a blend of latest technology.
- Ultrasonically tested for any remote internal flow or no homogeneity.
- No brittleness, therefore no mixing with tea.



Introduction :

'GK' Group is a pioneer in making solid Stainless Steel Forged CTC Segments since 1971. ZENITH Segments are being used by large number of Tea Planters and CTC Machine manufacturers as Original Equipment. More and more Tea Planters are switching over to 'ZENITH' Segments as they are found to be of highest quality conforming to ISS : 8748/1978.

Salient Features :

- 'ZENITH' segments have uniform fine grained selected prime stainless steel bars which are tested for excellent mechanical properties.
- 'ZENITH' 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.
- 'ZENITH' Segments have impact resistance properties and higher tensile strength ensuring longer life cycle.
- 'ZENITH' Segments are also ultrasonically non-homogeneity to further ensure each and every piece free from internal defects.

Pin Hole & Pins Pegging :

ZENITH Segments are normally supplied with plain faces but can also be supplied with jig drilled pin holes and pins at 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"	.012" .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 .088"	.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 design is subject to change without notice.

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