



MAINLAND ENGINEERING PVT. LTD.

Combining Tea with Technology & Innovation



Largest Manufacturer of CTC Segments in India

CTC SEGMENTS

Seamless Forged Stainless Steel

Salient Features:

- Softer than others, as manufactured by actual forging process.
- Uniform Hardness, no hard spots.
- 100% Austenitic metallurgical structure.
- CTC segment is a blend of latest technology.
- Ultrasonically tested for any remote internal flow.
- High Quality, non-magnetic having uniform fine grain.
- Manufactured from selected prime Stainless Steel Bars which are tested to be of stringent standard.








"CTC Segments which was everyone's FIRST is now everyone's NEXT!"



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Dimension of CTC Segments

								
O.D	Inch.+0.01"	8.25"	8.5"	9.5"	9.5"	13"	17.25"	17.50"
	mm.+0.25	209.5	215.9	241.3	241.3	330.20	438.15	444.5
Thickness	Inch.±.001"	2"	2"	2"	2"	2"	2"	2"
	mm.±0.025	50.8	50.8	50.8	50.8	50.8	50.8	50.8
I.D	Inch.±.001"	6.375"	6.375"	6.375"	7.375"	10.630"	14.840"	14.840"
	mm.±0.025	161.925	161.925	161.925	187.325	270.000	377.000	377.000

PERFORMANCE CHARACTERISTICS

AISI 304 - It is a ductile segment of austenitic stainless steel that has very low manganese content. These are primarily alloys that contain chromium and nickel at high percentage. contains 19-20% chromium and 8-10% nickel. Its low percentage of manganese and high percent of nickel makes milling and grooving much easier resulting less consumption of cutters and chasers. This is internationally accepted for Food Grade Quality as a CTC segment.

AISI 301 - Slightly harder than the AISI 304, the AISI 301 is as good for milling and grooving, as well as annealing and normalizing.

AISI 201 - A much more economical segment in comparison to the AISI 304 and AISI 301, The AISI 201 has a longer life due to endurance. The hardness though is comparatively higher and the milling and grooving takes longer period of time.



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