

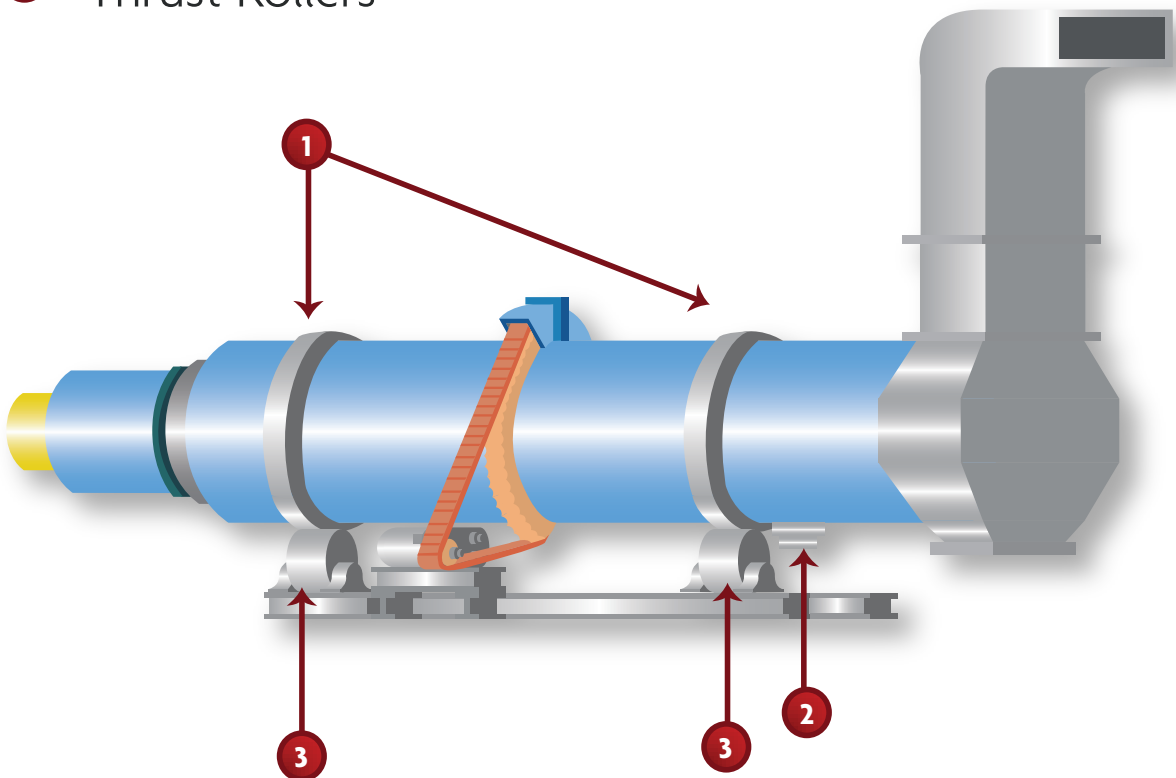
Frisa's forged components for Rotary Equipment.



Better by design, our products have prime physical and mechanical properties needed to withstand the extreme demands to which most of this equipment are subjected.

The forgings we supply will seamlessly integrate to work for the precise requirements of your equipment demands.

- 1 Riding Rings (Tires)
- 2 Thrust Rollers
- 3 Support Rollers (Trunnions)



Moreover, our value-add services include needs assessment, heat treating, machining and non-destructive testing. So you're not only getting unmatched quality but unrivaled expertise as well.

Let the most trusted name in forging work on your unique needs.



Manufacturing capabilities

CARBON, ALLOY & STAINLESS STEEL*			
Max OD		Max Height/Length	
in	mm	in	mm
315	8000	67	1700
Max Wall Thickness		Max Weight	
in	mm	lb	kg
40	1000	55000	25000

*Stainless up to 7500 kg.

CONTOURED ROLLED RINGS
Near net shape rings designed to customer drawings
Machining time savings
Increase material resistance to fatigue failure
Reduce excess material

DISCS OR BLANKS			
Max OD		Max Weight	
in	mm	in	mm
89	2200	13000	6000

OPEN DIE					
Max OD		Max Weight		Max Length	
in	mm	in	mm	lb	kg
70	1778	275	7000	55000	25000

*Capabilities may vary according to specific material grade or geometry

Materials

ALLOYS & TOOL GRADE		
4130	4340/VAR	ASTM A707
4130M	52100	CrMoV
4140	8620	17CrNiMo6
4145	8630M	18CrNiMo7-6
4150	ASTM A182F5	34CrNoMi6
4320	ASTM A182F11	42CrMo4
4330 / 4330V	ASTM A182F22	16Mo3
		H13

CARBON & LOW ALLOYS		
1010	1080	ASTM A350 LF6
1018	1524	ASTM A694
1020	1541 M	F42/F60
1022	1552	ASTM A694V
1035	ASTM A266	ASTM A584B
1042	ASTM A105	S355 NL
1045/50	ASTM A350 LF2	S355J2G3
		API SL X60