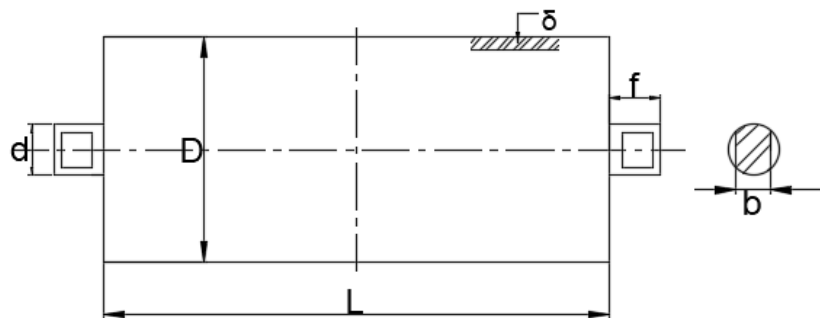




Conveyor parts · Idler

NON-MAGNETIC STAINLESS STEEL IDLER

The anti-magnetic stainless steel roller is used in belt conveyor systems in environments with strong magnetic fields, such as below magnetic separators in power plants and mines. Made primarily of 304 stainless steel with a polished surface, it features sealed bearings for corrosion resistance and wear durability, preventing magnetic interference and ensuring stable conveyor belt operation.



PRODUCT PARAMETERS

Model	Applicable Belt Width B	Idler Outer Diameter D	Shaft Diameter d	Bearing Model	L1 (Effective Length)	L2 (Roller Body Length)	L3 (Total Length)	Shaft Head Thickness b	Shaft Head Extension a	Drawing No. (Smooth/Helical Grooved Surface)	Material (Stainless Steel)
Φ89×190	500	89	20	204	190	200	220	15	10	TD1F1.1 / TD1F9.1	304/316L
Φ89×240	650(600)	89	20	204	240	250	270	15	10	TD2F1.1 / TD2F9.1	304/316L
Φ89×305	800	89	20	204	305	315	335	15	10	TD3F1.1 / TD3F9.1	304/316L
Φ108×375	1000	108	25	305	375	385	408	18	11.5	TD4F1.1 / TD4F9.1	304/316L
Φ108×455	1200	108	25	305	455	465	488	18	11.5	TD5F1.1 / TD5F9.1	304/316L
Φ108×525	1400	108	25	305	525	535	558	18	11.5	TD6F1.1 / TD6F9.1	304/316L
Φ133×600	1600	133	30	306	600	610	635	20	12	TD7F1.1 / TD7F9.1	304/316L
Φ159×700	1800	159	30	306	700	710	735	20	12	TD8F1.1 / TD8F9.1	304/316L