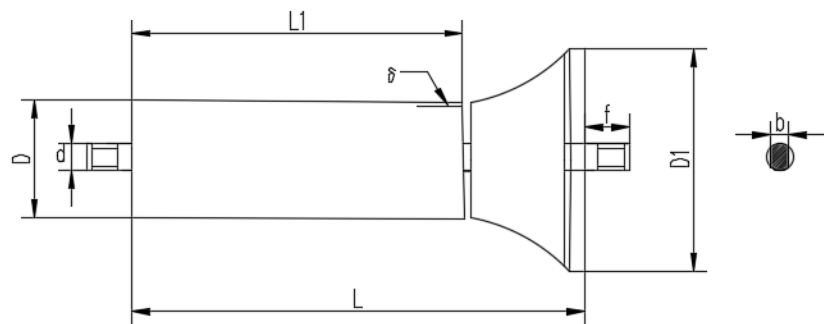




Conveyor parts · Idler

FRICION IDLER

The friction upper self-aligning roller is used in belt conveyors to correct belt misalignment. Featuring a conical roller or friction plate design, it generates lateral friction to realign the belt when deviation occurs. Made mainly of carbon steel with rust-resistant surface treatment, it enhances conveyor stability and reduces belt wear.



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)
89×190	500	89	20	204	190	200	220	15	10	TD1C1.1 / TD1C9.1
89×240	650(600)	89	20	204	240	250	270	15	10	TD2C1.1 / TD2C9.1
89×305	800	89	20	204	305	315	335	15	10	TD3C1.1 / TD3C9.1
108×375	1000	108	25	305	375	385	408	18	11.5	TD4C1.1 / TD4C9.1
108×455	1200	108	25	305	455	465	488	18	11.5	TD5C1.1 / TD5C9.1
108×525	1400	108	25	305	525	535	558	18	11.5	TD6C1.1 / TD6C9.1