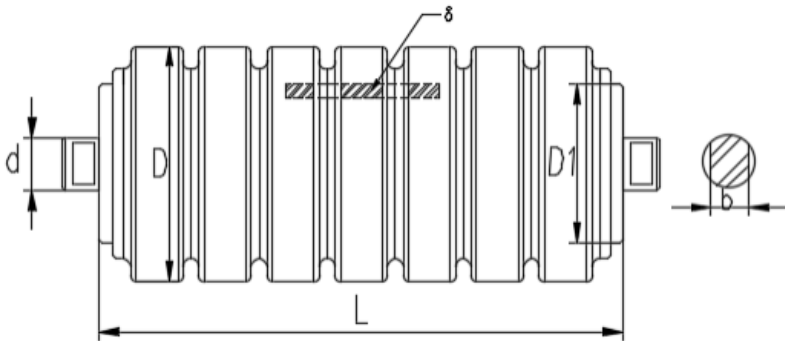


Conveyor parts

· Idler

BUFFER IDLER

Buffer rollers are used in belt conveyors at the receiving end to reduce the impact of materials on the belt. They are coated with a rubber or polyurethane buffer layer, which absorbs shock through its elastic structure, minimizing material impact damage and extending the belt's service life. They ensure stable conveyor system operation and are suitable for high-impact environments such as mining and ports.



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/ Fluted Surface)	Buffer Ring Material	Application Scenario
Φ89×190	500	89	20	204	190	200	220	15	10	TD1H1.1/ TD1H9.1	Rubber / Polyurethane	Light-duty Drop Point
Φ89×240	650 (600)	89	20	204	240	250	270	15	10	TD2H1.1/ TD2H9.1	Rubber / Polyurethane	Light-duty Drop Point
Φ89×305	800	89	20	204	305	315	335	15	10	TD3H1.1/ TD3H9.1	Rubber / Polyurethane	General Drop Point
Φ108×375	1000	108	25	305	375	385	408	18	11.5	TD4H1.1/ TD4H9.1	Rubber / Polyurethane	Medium-duty Drop Point
Φ108×455	1200	108	25	305	455	465	488	18	11.5	TD5H1.1/ TD5H9.1	Rubber / Polyurethane	Heavy-duty Drop Point
Φ108×525	1400	108	25	305	525	535	558	18	11.5	TD6H1.1/ TD6H9.1	Rubber / Polyurethane	Heavy-load Drop Point
Φ133×600	1600	133	30	306	600	610	635	20	12	TD7H1.1/ TD7H9.1	Rubber / Polyurethane	Extra Heavy-duty Drop Point
Φ159×700	1800	159	30	306	700	710	735	20	12	TD8H1.1/ TD8H9.1	Rubber / Polyurethane	Extra Heavy-duty Drop Point