



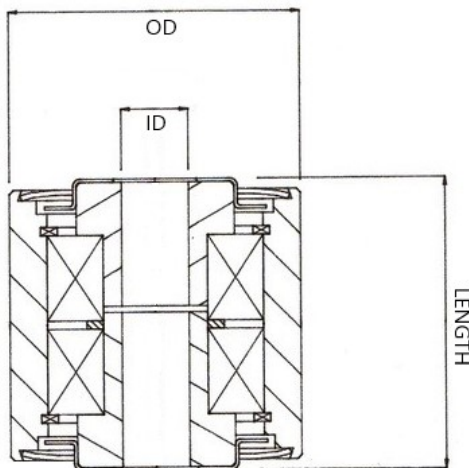
Roller Turn Rollers

High Temperature & Super-Heavy Duty Capacity

ZERO Maintenance | Lubricated for Life

*** Custom sizing also available upon request, call (732)-882-0777 or email info@utausa.com for inquiries.***

UTA's patented Roller Turn Rollers are designed for a wide range of temperatures up to 660°F (continuous rating). These RTRs have a practical limit of 1200°F with very slow degradation over time.



Patent No.: US 9,169,080 B2

ITEM #	ID	OD	LENGTH	LOAD CAPACITY (lbs)
UT4103B	0.625in.	2.75in	2.125in.	DYNAMIC: 6,680
UT4107B	0.5in			STATIC: 5,380
UT4104B	0.625in.	2.75in	2.75in.	DYNAMIC: 7,291
UT4108B	0.5in			STATIC: 6,285
UT4105B	0.625in.	3in.	2.75in.	DYNAMIC: 7,291
UT4109B	0.5in			STATIC: 6,285
UT4106B	17mm	60.5mm	63mm	DYNAMIC: 6,680
				STATIC: 5,380

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ROLLER TURN ROLLERS - WARRANTY STATEMENT

Unique Technologies Associates ("UTA") warrants that its Roller Turn Rollers will be free from defects in material and workmanship when used within the application parameters specified at the time of order and within the published load ratings.

Chain tension is the primary load applied to a Roller Turn Roller. The customer is responsible for determining the maximum chain tension that will be present at the turn, including start-up, acceleration, stopping, accumulation and product-induced loads, and for confirming that the resulting load does not exceed the rated capacity of the unit. The rated maximum chain tension for each unit is published in UTA's product literature

Chain tension must be set and maintained in accordance with the chain manufacturer's recommendations. Excessive tension, whether from over-tightening, inadequate take-up or a drive or system layout that produces tension peaks, is a leading cause of premature bearing wear, shaft deflection and component fatigue.

Chain and conveyor structure must be properly aligned so the chain tracks squarely onto and off of the roller. Misalignment concentrates load and accelerates wear. The chain must be kept clean and properly lubricated. Worn, stretched or damaged chain can raise tension and impart uneven loads to the roller.

Service life depends heavily on chain tension, speed, temperature, and maintenance. No specific service life, load capacity beyond the published rating, or performance level is guaranteed, and actual performance in each application should be tested.

Limitation of Liability

Unique Technologies Associates limits its liability for the sale and use of Roller Turn Rollers to the repair or replacement of the unit, at UTA's discretion, based on findings / results of a failure analysis. UTA is not liable for incidental or consequential damages, including downtime, lost production, product damage or conveyor system damage.