



IDLER BUSHINGS



These idlers are the ideal solution for any fixed centre distance drives or multi-pulley drives requiring free-spinning pulleys or sprockets. Gates idler bushings allow for standard V-belt pulleys or synchronous belt sprockets to be converted into a free-spinning idler. Available in a few Taper-Lock® and QD bush sizes.

CONSTRUCTION

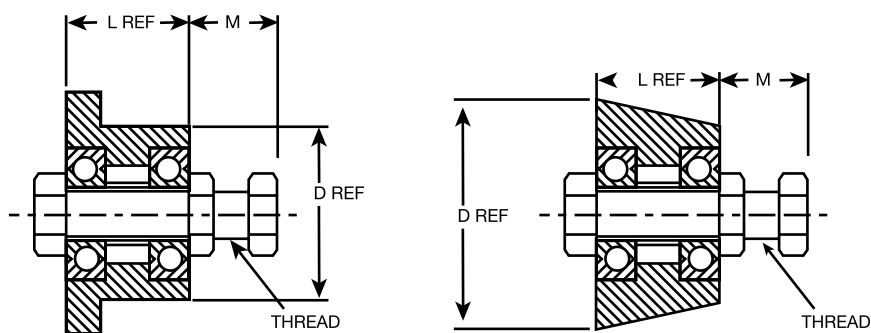
Idler bushings contain sealed ball bearings and an integral shaft for mounting to our adjustable idler brackets.

ADVANTAGES

- > A perfect solution for customising belt drives.
- > Turn standard V-belt pulleys or synchronous belt sprockets into a free-spinning idler/ tensioner.
- > Designed for use with Gates idler brackets.



Gates Idler Bushings can be used with Gates Idler Brackets.



IDLER BUSHINGS						
(Integral shafts included)						
Description	Use with Bracket	D Ref. (mm)	L Ref. (mm)	M (mm)	Threads	Weight (kg)
1610-IDL-BUSH	5-IDL-BRAK	57.15	25.40	35.05	5/8" - 18	0.59
2012-IDL-BUSH	10-IDL-BRAK	69.85	31.75	39.62	3/4" - 16	1.05
2517-IDL-BUSH*	10-IDL-BRAK	85.85	44.45	39.62	3/4" - 16	1.77
20-IDL-BUSH (SK)	10-IDL-BRAK	71.37	49.28	36.58	3/4" - 16	1.86
30-IDL-BUSH (SF)	20-IDL-BRAK	79.50	52.83	54.10	1" - 14	2.91
40-IDL-BUSH (E)	20-IDL-BRAK	97.28	69.85	55.63	1" - 14	3.91

* **Note:** *This 2517 bush is an imperial version with UNC threads. It is only suitable for use with USA specification sprockets and pulleys that take a 2517 bush.

IDLER BUSHING DETAILS						
Part No.	Product No.	Size	Bearing Number	Bearing Jamb Nut Torque (Nm)*	Install Jamb Nut Torque (Nm)	Use With Idler Bracket
Taper-Lock Style						
1610-IDLR-BUSH	7720-2610	1610	6003	13.6 ±1	54	05-IDL-BRAK
2012-IDLR-BUSH	7720-2012	2012	6204	13.6 ±1	54	10-IDL-BRAK
2517-IDLR-BUSH	7720-2517	2517	6304	13.6 ±1	54	
QD Style						
20-IDLR-BUSH[SK]	7720-1120	SK	6304	13.6 ±1	54	10-IDL-BRAK
30-IDLR-BUSH[SF]	7720-1130	SF	6206	20.3 ±2	54	20-IDL-BRAK
40-IDLR-BUSH[E]	7720-1140	E	6306	20.3 ±2	54	

GATES AUSTRALIA PTY LTD

1-15 Hydrive Close, Dandenong South, Victoria, 3175

PH: +61 3 9797 9666 FAX: +61 3 9797 9600

February 2015