

**Climax Metal Products Company**

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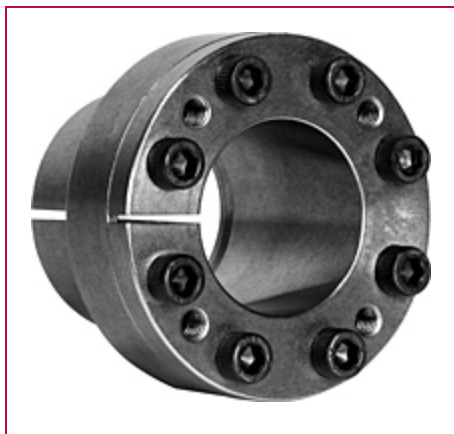
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ITEM # C170M-50X65, SERIES C170 METRIC LOCKING ASSEMBLY

Single-taper, self-centering design with mounting flange for use in through-bored components with smaller pitch/outside diameters. Mounted component remains fixed axially during installation.

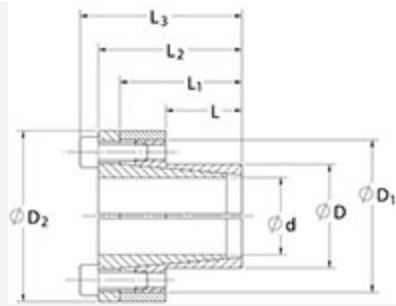
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Hub OD Calculator

Calculator[Climax Hub OD Calculator](#)

Drawing

Dimensional Drawing



Metric Locking Assembly

Specifications

Shaft Size	50 mm
d	1.969 in
D	2.559 in
D1	3.386 in
D2	3.622 in
L	1.772 in
L1	2.441 in
L2	2.756 in
L3	3.071 in
M_t	1,519 ft-lbs
F_{ax}	18,521 lbs.F
P_s	14,087 psi
P_h	10836 psi
D_N¹	3.272 in
Locking Screws Quantity	8
Locking Screws Size	M8 x 22
M_a-Locking Screws	30 ft-lbs

Hub Machining Tolerance	+.002 in
Shaft Machining Tolerance	-.002 in
Weight	3.10 lb
UPC Code	044861077306
Downloads	Catalog Page
	Installation & Removal Instructions
	Installation Demonstration (Video)
	Keyless Locking Technical Information

Competitor Part Number	
Alternate Part Number	101928968
	2735375
	PL050X065 TF
	SLD 1900 MM 50X65
	T8050
	TLK 110 50X65

¹ Minimum hub outside diameter based on a Pressure reduction Factor of C=1.0 and hub material with tensile yield point = 45,000 psi. For details see Hub Strength in Technical Information.