

Recommended Set-Screw Size and Tightening Torques

Bearing Series Size	Max. Holding Torque Required (Lb-In) (-30 series brg)	Recommended Set-Screw Size	Tightening Torque (In-Lb)	Torsional Holding Power of Screw*
A	0.082	#0	1.0	3.125
B	0.164	#1	1.5	5.076
C	0.268	#3	5.0	11.250
D	0.658	#4	5.0	20.000
E	1.314	#5	10.0	31.250
F	2.220	#8	20.0	72.190
G	5.264	#10	35.0	135.000
H	10.512	1/4"	80.0	312.500
I	18.098	5/16"	160.0	562.500
J	43.301	3/8"	275.0	1000.000

1. *Using cup point set-screw.

2. Set-screw must be positioned so as to apply pressure to the heavy (solid) section of the bearing sleeve. It is not recommended to position clamping screws over the under cut section of the sleeve, as buckling or collapse of the sleeve may occur.