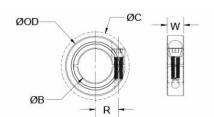




MCL-7E-F

Ruland MCL-7E-F, 7/16" International Shaft Collar, Black Oxide Steel, One-Piece Clamp Style, 28mm OD, 11mm Width





Description

Ruland MCL-7E-F is a one-piece shaft collar with a 0.4375" bore, 28mm OD, and 11mm width. It is an international series shaft collar that has metric hardware and dimensions with inch bores. The clamp style design does not mar the shaft, is easy to remove, and is indefinitely adjustable. MCL-7E-F is commonly used for guiding, spacing, stopping, mounting, and component alignment. Equipment manufacturers benefit from the tightly controlled face to bore perpendicularity (TIR of ? .05mm). Perpendicularity is critical for alignment when the shaft collar is used as a load bearing face, mechanical stop, or for mounting components such as gears or bearings. Proprietary processes have been developed by Ruland to maintain superior fit, finish, and holding power. MCL-7E-F is stamped with the Ruland name and bore size for ease of identification. Forged screws test beyond DIN 912 12.9 standards to ensure maximum holding power. MCL-7E-F is manufactured from solid bar stock sourced from select North American mills and machined to a fine burr free finish. Ruland uses 1215 lead-free steel with a proprietary black oxide finish that produces a fine glossy finish while increasing holding power and resisting corrosion. MCL-7E-F is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

Product Specifications

Bore Tolerance Clearance Diameter (C) MAX Width Tolerance Forged Clamp Screw	+0.0020 in / +0.0005 in X 32.0 mm +0.076 mm / -0.254 mm M4
Width Tolerance 5 in Forged Clamp Screw	+0.076 mm / -0.254 mm
5 in Forged Clamp Screw	
9	M4
Hex Wrench Size	3.0 mm
Seating Torque	4.6 Nm
Number of Screws	1 ea
Bar Finish Specification	Hot Process Black Oxide, Impregnated with Naphthenic Oil, Centrifugally Dried
ng Country of Origin	USA
°C to 176°C) Weight (lbs)	0.090400
Tariff Code	8483.60.8000
s are for guidance only. The user must determi	ine suitability for a particular application.
product can expose you to the chemical Ethyle cancer and birth defects or other reproductive loagov.	
1	Number of Screws Bar Finish Specification Country of Origin C to 176°C) Weight (Ibs) Tariff Code Se are for guidance only. The user must determing product can expose you to the chemical Ethyleocancer and birth defects or other reproductive in the composition of the chemical of the country of the chemical of the country of the chemical Ethyleocancer and birth defects or other reproductive in the chemical of the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and birth defects or other reproductive in the chemical Ethyleocancer and the chem

Installation Instructions

- 1. Use the MCL-7E-F international series shaft collar as it is received.
- 2. Wipe the bore clean.
- 3. Apply a thin coat of light oil to the shaft.
- 4. Place the collar onto the desired shaft location and tighten it using a 3.0 mm hex wrench until a slight resistance is felt.
- 5. Wring collar into its final position and tighten the screw to the full recommended seating torque of 4.6 Nm using a 3.0 mm torque wrench.