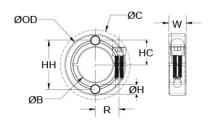




FHD-MCL-28-F

Ruland FHD-MCL-28-F, 28mm Face Mount Shaft Collar with Drilled Hole, Black Oxide Steel, One-Piece Clamp Style, 48mm OD, 15mm Width





Description

Ruland FHD-MCL-28-F is a one-piece shaft collar with a 28mm bore, 48mm OD, and 15mm width. FHD-MCL-28-F has drilled holes for mounting shaft collars to sprockets, pulleys, metallic plates, or other components. Drilled holes give the user flexibility to choose inch or metric mounting hardware that best suits the application. The clamp style design does not mar the shaft, is easy to remove, and is indefinitely adjustable. 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. FHD-MCL-28-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. FHD-MCL-28-F is machined from solid bar stock to a fine burr free finish and sourced exclusively from North American mills. 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. It is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

Product Specifications

Outer Diameter (OD)48 mmClearance Diameter (C) MAX54.7 mmWidth (W)15 mmWidth Tolerance+0.076 mm / -0.254 mmHole to Center (HC)19.26 mmHole to Hole (HH)38.51 mmHole Diameter (H)6.35 mmRecommended Shaft Tolerance+0.000 mm / -0.013 mmForged Clamp ScrewM6 x 16Screw MaterialAlloy SteelHex Wrench Size5.0 mmScrew Location (R)19.00 mmSeating Torque16 NmScrew Location (R)19.00 mmNumber of Screws1 eaTorque WrenchTW:BT-4C-3/8-140Recommended Hex KeyMetric Hex KeysMaterial Specification1215 Carbon Steel BarTemperature-40°F to 350°F (-40°C to 176°C)Finish SpecificationHot Process Black Oxide, Impregnated with Naphthenic Oil, Centrifugally DriedManufacturerRuland ManufacturingCountry of OriginUSAWeight (Ibs)0.275526UPC63452937696Tariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Product Specifications			
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