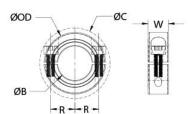




MSP-38-SS

Ruland MSP-38-SS, 38mm Two-Piece Shaft Collar, 303 Stainless Steel, Clamp Style, 60mm OD, 15mm Width





Description

Ruland MSP-38-SS is a two-piece shaft collar with a 38mm bore, 60mm OD, and 15mm width. The clamp style design does not mar the shaft, is easy to remove, and is indefinitely adjustable. It is commonly used for guiding, spacing, stopping, mounting, and component alignment. Equipment manufacturers benefit from the tightly controlled face to bore perpendicularity of Ruland shaft collars, 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. MSP-38-SS is stamped with the Ruland name and bore size for ease of identification. Halves are mated throughout the manufacturing process for proper fit and alignment. Forged screws test beyond DIN 912 12.9 standards to ensure maximum holding power. MSP-38-SS is manufactured from solid bar stock sourced from select North American mills and machined to a fine burr free finish. Ruland uses 303 stainless steel with hardware of like material for consistent corrosion resistance. Stainless steel hardware undergoes a proprietary surface treatment process to prevent galling. MSP-38-SS is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

Product Specifications

Outer Diameter (OD)60 mmClearance Diameter (C) MAX65.6 mmWidth (W)15 mmWidth Tolerance+0.076 mm / -0.254 mmRecommended Gap1.59 mmRecommended Shaft Tolerance+0.000 mm / -0.013 mmForged Clamp ScrewM6 x 18Screw Material18-8 300 Series Stainless SteelHex Wrench Size5.0 mmScrew FinishBrightSeating Torque9.6 NmScrew Location (R)24.99 mmNumber of Screws2 eaMaterial SpecificationType 303 Austenitic, Non-Magnet BarFinish SpecificationBright, No PlatingManufacturerRuland ManufacturingCountry of OriginUSATemperature-40°F to 350°F (-40°C to 176°C)Weight (Ibs)0.413300UPC634529015964Tariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	i roduct opcomoditoris			
Width (W) 15 mm Recommended Gap 1.59 mm Recommended Shaft Tolerance +0.000 mm / -0.013 mm Forged Clamp Screw M6 x 18 Screw Material 18-8 300 Series Stainless Steel Hex Wrench Size 5.0 mm Screw Finish Bright Seating Torque 9.6 Nm Screw Location (R) 24.99 mm Number of Screws 2 ea Material Specification Type 303 Austenitic, Non-Magnet Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Temperature -40°F to 350°F (-40°C to 176°C) Weight (lbs) 0.413300 UPC 634529015964 Tariff Code 8483.60.8000 UNSPC 31162811 Performance ratings are for guidance only. The user must determine suitability for a particular application. Prop 65	Bore (B)	38 mm	Bore Tolerance	+0.050 mm / +0.012 mm
Recommended Gap 1.59 mm Recommended Shaft Tolerance +0.000 mm / -0.013 mm Forged Clamp Screw M6 x 18 Screw Material 18-8 300 Series Stainless Steel Hex Wrench Size 5.0 mm Screw Finish Bright Seating Torque 9.6 Nm Screw Location (R) 24.99 mm Number of Screws 2 ea Material Specification Type 303 Austenitic, Non-Magnet Bar Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Temperature -40°F to 350°F (-40°C to 176°C) Weight (lbs) 0.413300 UPC 634529015964 Tariff Code 8483.60.8000 UNSPC 31162811 Performance ratings are for guidance only. The user must determine suitability for a particular application. Prop 65	Outer Diameter (OD)	60 mm	Clearance Diameter (C) MAX	65.6 mm
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Finish Specification Bright, No Plating Manufacturer Ruland Manufacturing Country of Origin USA Temperature -40°F to 350°F (-40°C to 176°C) Weight (Ibs) 0.413300 UPC 634529015964 Tariff Code 8483.60.8000 UNSPC 31162811 Performance ratings are for guidance only. The user must determine suitability for a particular application. Prop 65 ▲WARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Seating Torque	9.6 Nm	Screw Location (R)	24.99 mm
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Tariff Code 8483.60.8000 WNSPC 31162811 Performance ratings are for guidance only. The user must determine suitability for a particular application. Prop 65 WARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Country of Origin	USA	Temperature	-40°F to 350°F (-40°C to 176°C)
Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular application. Prop 65 ▲WARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Weight (lbs)	0.413300	UPC	634529015964
Prop 65WARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Tariff Code	8483.60.8000	UNSPC	31162811
	Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
	Prop 65	▲WARNING This product can expose you to the chemical Nickel (metallic), known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .		

Installation Instructions

- 1. Use the MSP-38-SS two-piece 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 with the groove side as the work surface. Tighten the collar using a 5.0 mm hex wrench until a slight resistance is felt.
- 5. Be sure to maintain the gap of 1.59 mm between the two halves of the collar during installation.
- 6. Wring collar into its final position and tighten the screw to the full recommended seating torque of 9.6 Nm using a 5.0 mm torque wrench.