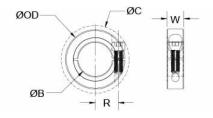




CL-11-A

Ruland CL-11-A, 11/16" One-Piece Shaft Collar, Aluminum, Clamp Style, 1 3/8" OD, 0.437" Width





Description

Ruland CL-11-A is a one-piece shaft collar with a 0.6875" bore, 1 3/8" OD, and 0.437" 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 (TIR of ? .002"). 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. CL-11-A is stamped with the Ruland name and bore size for ease of identification. Forged screws test beyond ANSI standards to ensure maximum holding power. CL-11-A is manufactured from solid bar stock sourced from select North American mills and machined to a fine burr free finish. Ruland uses high grade 2024 aluminum for increased screw seating torque. CL-11-A is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

Product Specifications

Outer Diameter (OD)1 3/8 inClearance Diameter (C) MAX1.564	001 / 0.00051
Width (W)0.437 inWidth Tolerance+0.00Recommended Shaft Tolerance+0.0000 in / -0.0005 inForged Clamp Screw#10-3Screw MaterialAlloy SteelHex Wrench Size5/32 iScrew FinishBlack OxideSeating Torque76 lb-)20 in / +0.0005 in
Recommended Shaft Tolerance+0.0000 in / -0.0005 inForged Clamp Screw#10-3Screw MaterialAlloy SteelHex Wrench Size5/32 iScrew FinishBlack OxideSeating Torque76 lb-	l in
Screw MaterialAlloy SteelHex Wrench Size5/32 iScrew FinishBlack OxideSeating Torque76 lb-	03 in / -0.010 in
Screw FinishBlack OxideSeating Torque76 lb-	32
	in
Screw Location (R) 0.516 in Number of Screws 1 ea	·in
Material Specification2024-T351 Aluminum BarFinish SpecificationBright	t, No Plating
ManufacturerRuland ManufacturingCountry of OriginUSA	
Temperature -40°F to 225°F (-40°C to 107°C) Weight (lbs) 0.049	9500
UPC 634529000045 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 AWARNING This product can expose you to the chemical Ethylene Thiourea California to cause cancer and birth defects or other reproductive harm. For more than the component of	•

Installation Instructions

- 1. Use the CL-11-A one-piece shaft collar as it is received.
- 2. Wipe the bore clean.

www.P65Warnings.ca.gov.

- 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 5/32 in 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 76 lb-in using a 5/32 in torque wrench.