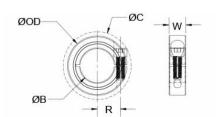




## MCL-35-A

Ruland MCL-35-A, 35mm One-Piece Shaft Collar, Aluminum, Clamp Style, 57mm OD, 15mm Width





## **Description**

Ruland MCL-35-A is a one-piece shaft collar with a 35mm bore, 57mm 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 (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-35-A 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-35-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. MCL-35-A is RoHS3 and REACH compliant and manufactured in our Marlborough, MA factory under strict controls using proprietary processes.

## **Product Specifications**

		+0.050 mm / +0.012 mm
С	learance Diameter (C) MAX	62.4 mm
W	/idth Tolerance	+0.076 mm / -0.254 mm
m / -0.013 mm <b>F</b> o	orged Clamp Screw	M6 x 18
el Ho	ex Wrench Size	5.0 mm
de <b>S</b> e	eating Torque	16 Nm
N .	umber of Screws	1 ea
1 Aluminum Bar Fi	inish Specification	Bright, No Plating
anufacturing C	ountry of Origin	USA
25°F (-40°C to 107°C) W	leight (lbs)	0.147600
2383 <b>T</b> a	ariff Code	8483.60.8000
Performance ratings are for guidance only. The user must determine suitability for a particular application.		
▲WARNING This product can expose you to the chemical Ethylene Thiourea, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to		
	m / -0.013 mm Fel Hde S In N 1 Aluminum Bar Fanufacturing C 225°F (-40°C to 107°C) W 2383 T Ince ratings are for guidance	Width Tolerance m / -0.013 mm Forged Clamp Screw Hex Wrench Size de Seating Torque Number of Screws 1 Aluminum Bar Finish Specification anufacturing Country of Origin 225°F (-40°C to 107°C) Weight (lbs) Tariff Code  nce ratings are for guidance only. The user must determine suit

## **Installation Instructions**

- 1. Use the MCL-35-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 5.0 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 16 Nm using a 5.0 mm torque wrench.