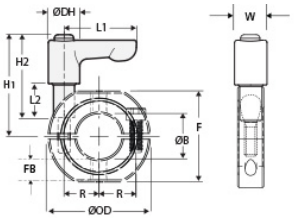
LVO-OF-MSP-20E-AN

Ruland LVO-OF-MSP-20E-AN, 1-1/4" Mountable Two-Piece Shaft Collar with Clamping Lever, Anodized Aluminum Collar with Zinc Lever, 54mm OD, 15mm Width





Description

Ruland LVO-OF-MSP-20E-AN is a two-piece mountable quick clamping shaft collar with clamping lever with a 1.2500" bore, 54mm OD, and 15mm width. It is made from OF-MSP-20E-AN and LF45-CL-M6:20-ZS. OF-MSP-20E-AN is an international series shaft collar that has an inch bore, metric hardware, and metric dimensions. It has OD flats and tapped holes for mounting shaft collars to each other or adjacent components. The clamp style design does not mar the shaft, is easy to remove, and is indefinitely adjustable. Two-piece shafts collars can be assembled in-lace without the need to remove other components. Ruland mates halves throughout the manufacturing process for proper fit, alignment, and holding power. The threaded stud on the lever is used in place of standard collar hardware. When combined, the two parts create a shaft collar that requires no tools to install, remove, or reposition and is ideally suited for packaging, printing, and other applications where frequent setup changes and adjustments are needed. Once the lever is installed in the shaft collar, users simply turn the lever until they meet their desired torque. The adjustable lever can be reposition by the user without the loss of holding power by lifting the handle and twisting it 40° to lock it in a new position. This allows for use in space constrained environments where 360° rotation is not possible to fully seat the lever. OF-MSP-20E-AN is made from high-strength 2024 aluminum with a black anodized finish. LF45-CL-M6:20-ZS has a zinc plated steel handle and stainless steel threaded stud. This material combination allows for a lightweight durable quick clamping and release component that is suitable for most industrial applications and has higher corrosion resistance properties than types with no anodize. The lever is orange for safety and ease of identification. OF-MSP-20E-AN is manufactured by Ruland and LF45-CL-M6:20-ZS is manufactured by Otto Ganter. LVO-OF-MSP-20E-AN is RoHS3 and REACH compliant.

Product Specifications

Bore (B1)	1.2500 in	**Bore Tolerance**	+0.0020 in / +0.0005 in
Outer Diameter (OD)	54 mm	**Center to Lever Top H1**	40.8 mm
Width (W)	15 mm	**Width Tolerance**	+0.076 mm / -0.254 mm
Lever Length L1	45 mm	**Lever Height H2**	40.5 mm
Hub Diameter DH	13 mm	**Sleeve Length L2**	20 mm
Threaded Mounting Hole	M6	**Distance Across Flats (F)**	50 mm
Flat to Bore FB	7.5 mm	**Recommended Gap**	1.59 mm
Recommended Shaft Tolerance	+0.0000 in / -0.0005 in	**Thread TH**	M6
Hex Wrench Size	5.0 mm	**Seating Torque**	9.6 Nm
Screw Location (R)	21.49 mm	**Number of Screws**	2 ea
Collar Part Number	OF-MSP-20E-AN	**Lever Part Number**	LF45-CL-M6:20-ZS-O
Collar Material	Aluminum	**Collar Finish**	Black Anodized
Handle Color	Orange	**Handle Material**	Zinc
Handle Finish	Powder Coated	**Insert and Screw Material**	303 Stainless Steel
Manufacturer	Ruland Manufacturing	**Country of Origin**	Shaft Collar - USA Lever - Germany
Weight (lbs)	0.227700	**UPC**	634529304341
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 Soots, Benzene, Lead, Nickel (metallic), known to the State of California to cause cancer		