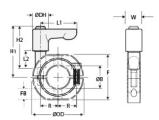




## LVO-OF-MSP-20E-F

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





## **Description**

Ruland LVO-OF-MSP-20E-F 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-F and LF45-CL-M6:20-ZS. OF-MSP-20E-F 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. The threaded stud on the lever is used in place of standard collar hardware. 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. 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-F is made from 1215 lead-free steel with a black oxide finish. LF45-CL-M6:20-ZS has a zinc plated steel handle and stainless steel threaded stud. This material combination allows for a durable quick clamping and release component with relatively high holding power that is suitable for most industrial applications. The lever is orange for safety and ease of identification. OF-MSP-20E-F is manufactured by Ruland and LF45-CL-M6:20-ZS is manufactured by Otto Ganter. LVO-OF-MSP-20E-F is RoHS3 and REACH compliant.

## **Product Specifications**

| Prop 65                     | ▲ WARNING This product can expose you to the chemical Soots, Benzene, Lead, Nickel (metallic), and Ethylene Thiourea |                           |                         |
|-----------------------------|--|---------------------------|-------------------------|
| Note 1                      | Performance ratings are for guidance only. The user must determine suitability for a particular application.         |                           |                         |
| Tariff Code                 | 8483.60.8000   | UNSPC                     | 31162811                |
| Weight (lbs)                | 0.423600   | UPC                       | 634529304358            |
|                             | S  |                           | Lever - Germany         |
| Manufacturer                | Ruland Manufacturing   | Country of Origin         | Shaft Collar - USA      |
| Handle Finish               | Powder Coated  | Insert and Screw Material | 303 Stainless Steel     |
| Handle Color                | Orange   | Handle Material           | Zinc                    |
| Collar Material             | Steel  | Collar Finish             | Black Oxide             |
| Collar Part Number          | OF-MSP-20E-F   | Lever Part Number         | LF45-CL-M6:20-ZS-O      |
| Screw Location (R)          | 21.49 mm   | Number of Screws          | 2 ea                    |
| Hex Wrench Size             | 5.0 mm   | Seating Torque            | 16 Nm                   |
| Recommended Shaft Tolerance | +0.0000 in / -0.0005 in  | Thread TH                 | M6                      |
| Flat to Bore FB             | 7.5 mm   | Recommended Gap           | 1.59 mm                 |
| Threaded Mounting Hole      | M6   | Distance Across Flats (F) | 50 mm                   |
| Hub Diameter DH             | 13 mm  | Sleeve Length L2          | 20 mm                   |
| Lever Length L1             | 45 mm  | Lever Height H2           | 40.5 mm                 |
| Width (W)                   | 15 mm  | Width Tolerance           | +0.076 mm / -0.254 mm   |
| Outer Diameter (OD)         | 54 mm  | Center to Lever Top H1    | 40.8 mm                 |
| Bore (B)                    | 1.2500 in  | Bore Tolerance            | +0.0020 in / +0.0005 in |