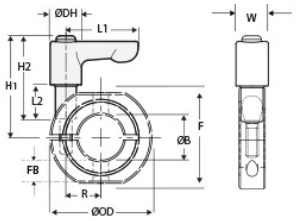
LV-OF-MCL-16E-SS

Ruland LV-OF-MCL-16E-SS, 1" Mountable One-Piece Shaft Collar with Clamping Lever, 303 SS Collar with Zinc Plated Lever, 45mm OD, 15mm Width





Description

Ruland LV-OF-MCL-16E-SS is a one-piece mountable quick clamping shaft collar with clamping lever with a 1.0000" bore, 45mm OD, and 15mm width. It is made from OF-MCL-16E-SS and LF45-CL-M6:18-ZS. OF-MCL-16E-SS 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. 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-MCL-16E-SS is made from 303 stainless steel. LF45-CL-M6:18-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 high corrosion resistance that is suitable for most industrial applications. The lever is black to seamlessly integrate with the aesthetics of most equipment. OF-MCL-16E-SS is manufactured by Ruland and LF45-CL-M6:18-ZS is manufactured by Otto Ganter. LV-OF-MCL-16E-SS is RoHS3 and REACH compliant.

Product Specifications

Bore (B1)	1.0000 in	**Bore Tolerance**	+0.0020 in / +0.0005 in
Outer Diameter (OD)	45 mm	**Center to Lever Top H1**	38.8 mm
Width (W)	15 mm	**Width Tolerance**	+0.076 mm / -0.254 mm
Lever Length L1	45 mm	**Lever Height H2**	38.5 mm
Hub Diameter DH	13 mm	**Sleeve Length L2**	18 mm
Threaded Mounting Hole	M6	**Distance Across Flats (F)**	26 mm
Flat to Bore FB	6 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)**	17.50 mm
Number of Screws	1 ea	**Collar Part Number**	OF-MCL-16E-SS
Lever Part Number	LF45-CL-M6:18-ZS	**Collar Material**	303 Stainless Steel
Collar Finish	Bright	**Handle Color**	Black
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)**	0.339100
UPC	634529303047	**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		