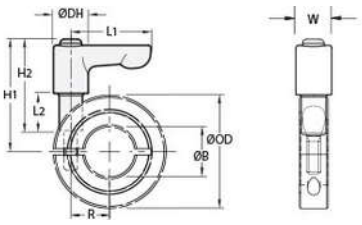
LV-MCL-45-F

Ruland LV-MCL-45-F, 45mm One-Piece Shaft Collar with Clamping Lever, Steel Collar with Zinc Plated Lever, 73mm OD, 19mm Width









Description

Ruland LV-MCL-45-F is a one-piece quick clamping shaft collar with clamping lever with a 45mm bore, 73mm OD, and 19mm width. It is made from MCL-45-F and LF63-CL-M8:27.5-ZS. 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. MCL-45-F is made from 1215 lead-free steel with a black oxide finish. LF63-CL-M8:27.5-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 black to seamlessly integrate with the aesthetics of most equipment. MCL-45-F is manufactured by Ruland and LF63-CL-M8:27.5-ZS is manufactured by Otto Ganter. LV-MCL-45-F is RoHS3 and REACH compliant.

Product Specifications

Bore (B1)	45 mm	**Bore Tolerance**	+0.050 mm / +0.012 mm
Outer Diameter (OD)	73 mm	**Center to Lever Top H1**	60.3 mm
Width (W)	19 mm	**Width Tolerance**	+0.076 mm / -0.254 mm
Lever Length L1	63 mm	**Lever Height H2**	52 mm
Hub Diameter DH	17.5 mm	**Sleeve Length L2**	27.5 mm
Recommended Shaft Tolerance	+0.000 mm / -0.013 mm	**Thread TH**	M8
Screw Location (R)	29.49 mm	**Number of Screws**	1 ea
Collar Part Number	MCL-45-F	**Lever Part Number**	LF63-CL-M8:27.5-ZS
Collar Material	Steel	**Collar Finish**	Black Oxide
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)	1.023249	**UPC**	63452937457
Tariff Code	8483.60.8000	**UNSPC**	31162811
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
Note 2	No backslot,number_of_screws		
Prop 65	⚠**WARNING** This product can expose you to the chemical Soots, Benzene, Lead, Nickel (metallic), and Ethylene Thiourea, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.		