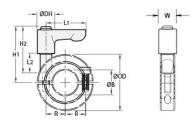




LV-MSP-20E-AN

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





Description

Ruland LV-MSP-20E-AN is a two-piece quick clamping shaft collar with clamping lever with a 1.2500" bore, 54mm OD, and 15mm width. It is made from MSP-20E-AN and LF45-CL-M6:20-ZS. LF45-CL-M6:20-ZS is an international series shaft collar that has an inch bore, metric hardware, and metric dimensions. 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. MSP-20E-AN is made from high-strenth 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 black to seamlessly integrate with the aesthetics of most equipment. MSP-20E-AN is manufactured by Ruland and LF45-CL-M6:20-ZS is manufactured by Otto Ganter. LV-MSP-20E-AN is RoHS3 and REACH compliant.

Product Specifications

Bore (B)	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	
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	MSP-20E-AN	
ever Part Number	LF45-CL-M6:20-ZS	Collar Material	Aluminum	
Collar Finish	Black Anodized	Handle Color	Black	
landle Material	Zinc	Handle Finish	Powder Coated	
nsert and Screw Material	303 Stainless Steel	Manufacturer	Ruland Manufacturing	
Country of Origin	Shaft Collar - USA	Weight (Ibs)	0.221500	
	Lever - Germany			
JPC	634529249567	Tariff Code	8483.60.8000	
JNSPC	31162811			
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.			
Prop 65		AWARNING This product can expose you to the chemical Soots, Benzene, Lead, Nickel (metallic), known to the State of California to cause cancer, and Lead and Benzene known to the State of California to cause		

birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.