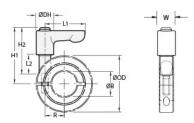




## LV-MCL-25-AN

Ruland LV-MCL-25-AN, 25mm One-Piece Shaft Collar with Clamping Lever, Anodized Aluminum Collar with Zinc Plated Lever, 45mm OD, 15mm Width





## Description

Ruland LV-MCL-25-AN is a one-piece quick clamping shaft collar with clamping lever with a 25mm bore, 45mm OD, and 15mm width. It is made from MCL-25-AN and LF45-CL-M6:18-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-25-AN is made from high-strenth 2024 aluminum with a black anodized finish. LF45-CL-M6:18-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. MCL-25-AN is manufactured by Ruland and LF45-CL-M6:18-ZS is manufactured by Otto Ganter. LV-MCL-25-AN is RoHS3 and REACH compliant.

**Product Specifications** 

Outer Diameter (OD)45 mmCenter to Lever Top H138.8 mmWidth (W)15 mmWidth Tolerance+0.076 mm / -0.254 mmLever Length L145 mmLever Height H238.5 mmHub Diameter DH13 mmSleeve Length L218 mmRecommended Shaft Tolerance+0.000 mm / -0.013 mmThread THM6Hex Wrench Size5.0 mmSeating Torque9.6 NmScrew Location (R)17.50 mmNumber of Screws1 eaCollar Part NumberMCL-25-ANLever Part NumberLF45-CL-M6:18-ZSCollar MaterialAluminumCollar FinishBlack AnodizedHandle ColorBlackHandle MaterialZincHandle FinishPowder CoatedInsert and Screw Material303 Stainless SteelManufacturerRuland ManufacturingCountry of OriginShaft Collar - USA Lever - GermanyWeight (Ibs)0.190500UPC634529248164Tariff Code8483.60.8000UNSPC31162811Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	Product Specifications			
Width (W) 15 mm Width Tolerance 4-0.076 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  Recommended Shaft Tolerance +0.000 mm / -0.013 mm 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  Collar Part Number MCL-25-AN Lever Part Number LF45-CL-M6:18-ZS  Collar Material Aluminum Collar Finish Black Anodized  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 (Ibs) 0.190500 UPC 634529248164  Tariff Code 8483.60.8000 UNSPC 31162811  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, and Lead and Benzene known to the State of California to cause	Bore (B)	25 mm	Bore Tolerance	+0.050 mm / +0.012 mm
Lever Length L1 45 mm Lever Height H2 38.5 mm  Hub Diameter DH 13 mm Sleeve Length L2 18 mm  Recommended Shaft Tolerance +0.000 mm / -0.013 mm 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 MCL-25-AN Lever Part Number LF45-CL-M6:18-ZS  Collar Material Aluminum Collar Finish Black Anodized  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  Neight (Ibs) 0.190500 UPC 634529248164  Tariff Code 8483.60.8000 UNSPC 31162811  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, and Lead and Benzene known to the State of California to cause	Outer Diameter (OD)	45 mm	Center to Lever Top H1	38.8 mm
Hub Diameter DH 13 mm Sleeve Length L2 18 mm  Recommended Shaft Tolerance +0.000 mm / -0.013 mm 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 MCL-25-AN Lever Part Number LF45-CL-M6:18-ZS  Collar Material Aluminum Collar Finish Black Anodized  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 (Ibs) 0.190500 UPC 634529248164  Tariff Code 8483.60.8000 UNSPC 31162811  Performance ratings are for guidance only. The user must determine suitability for a particular application.  Prop 65  MARNING 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	Width (W)	15 mm	Width Tolerance	+0.076 mm / -0.254 mm
Recommended Shaft Tolerance +0.000 mm / -0.013 mm 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 MCL-25-AN Lever Part Number LF45-CL-M6:18-ZS  Collar Material Aluminum Collar Finish Black Anodized  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 (Ibs) 0.190500 UPC 634529248164  Tariff Code 8483.60.8000 UNSPC 31162811  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, and Lead and Benzene known to the State of California to cause	Lever Length L1	45 mm	Lever Height H2	38.5 mm
Hex Wrench Size 5.0 mm Seating Torque 9.6 Nm  17.50 mm Number of Screws 1 ea  Collar Part Number MCL-25-AN Lever Part Number LF45-CL-M6:18-ZS  Collar Material Aluminum Collar Finish Black Anodized  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 (Ibs) 0.190500 UPC 634529248164  Tariff Code 8483.60.8000 UNSPC 31162811  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	Hub Diameter DH	13 mm	Sleeve Length L2	18 mm
Screw Location (R)  17.50 mm  Number of Screws  1 ea  Collar Part Number  MCL-25-AN  Lever Part Number  Collar Finish  Black Anodized  Handle Color  Handle Finish  Powder Coated  Insert and Screw Material  Manufacturer  Ruland Manufacturing  Country of Origin  Shaft Collar - USA Lever - Germany  Neight (Ibs)  0.190500  UPC  634529248164  Tariff Code  8483.60.8000  UNSPC  31162811  Performance ratings are for guidance only. The user must determine suitability for a particular application.  WARNING 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	Recommended Shaft Tolerance	+0.000 mm / -0.013 mm	Thread TH	M6
Collar Part Number  Collar Material  Aluminum  Collar Finish  Black Anodized  Handle Color  Black  Handle Material  Zinc  Handle Finish  Powder Coated  Insert and Screw Material  Shaft Collar - USA  Lever - Germany  Weight (Ibs)  O.190500  UPC  634529248164  Fariff Code  8483.60.8000  UNSPC  31162811  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, and Lead and Benzene known to the State of California to cause	Hex Wrench Size	5.0 mm	Seating Torque	9.6 Nm
Aluminum Collar Finish Handle Color Black Handle Material Formula Finish Powder Coated Insert and Screw Material Wanufacturer Ruland Manufacturing Country of Origin Formula Finish Veight (Ibs) Shaft Collar - USA Lever - Germany Veight (Ibs) Formula Finish UPC State of California to cause cancer, and Lead and Benzene known to the State of California to cause	Screw Location (R)	17.50 mm	Number of Screws	1 ea
Handle Color Handle Finish Powder Coated Insert and Screw Material Wanufacturer Ruland Manufacturing Veight (Ibs)  O.190500 UPC G34529248164  Fariff Code S483.60.8000 UNSPC Welformance 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, and Lead and Benzene known to the State of California to cause	Collar Part Number	MCL-25-AN	Lever Part Number	<u>LF45-CL-M6:18-ZS</u>
Handle Finish  Manufacturer  Ruland Manufacturing  Country of Origin  Shaft Collar - USA Lever - Germany  Weight (Ibs)  0.190500  UPC  634529248164  Tariff Code  8483.60.8000  UNSPC  31162811  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, and Lead and Benzene known to the State of California to cause	Collar Material	Aluminum	Collar Finish	Black Anodized
Ruland Manufacturing  Country of Origin  Shaft Collar - USA Lever - Germany  Neight (Ibs)  0.190500  UPC 634529248164  Fariff Code 8483.60.8000  UNSPC 31162811  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, and Lead and Benzene known to the State of California to cause	Handle Color	Black	Handle Material	Zinc
Lever - Germany  Neight (Ibs)  0.190500  UPC 634529248164  Fariff Code 8483.60.8000  UNSPC 31162811  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, and Lead and Benzene known to the State of California to cause	Handle Finish	Powder Coated	Insert and Screw Material	303 Stainless Steel
Weight (lbs)       0.190500       UPC       634529248164         Fariff 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, and Lead and Benzene known to the State of California to cause	Manufacturer	Ruland Manufacturing	Country of Origin	Shaft Collar - USA
Tariff Code  8483.60.8000  UNSPC  31162811  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, and Lead and Benzene known to the State of California to cause				Lever - Germany
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, and Lead and Benzene known to the State of California to cause	Weight (lbs)	0.190500	UPC	634529248164
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, and Lead and Benzene known to the State of California to cause	Tariff Code	8483.60.8000	UNSPC	31162811
to the State of California to cause cancer, and Lead and Benzene known to the State of California to cause	Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
	Prop 65			