



O.D. (D):	24 mm	Number of Screws:	1 ea
Brand:	Ruland	Screw Location (R):	8.51 mm
Material:	Black Oxide Steel	Seating Torque:	2.1 Nm
Bore (B1):	9 mm	Hex Wrench Size:	2.5 mm
Bore Tolerance:	+0.050 mm / +0.012 mm	Temperature:	-40°F to 350°F (-40°C to 176°C)
Screw Material:	Alloy Steel	Country of Origin:	USA
Screw Finish:	Black Oxide	Finish Specification:	Black Oxide
Forged Clamp Screw:	M3 x 10	Shaft Tolerance:	+0.000 mm / -0.013 mm
ISO 9001:2015:	Certified	UNSPC:	31162811
REACH:	Compliant	Clearance Diameter (C) MAX:	26.3 mm
RoHS3:	Compliant	Material Specification:	1215 Bar
Conflict Minerals:	Compliant	Width (W):	9 mm
Tariff Code:	8483.60.8000		

COMPONENT	Shaft Collar - One-Piece
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**MCL-9-F**  
**Ruland**  
 9mm Bore; 24mm Od, 9mm Width, One-piece Shaft Collar, Black Oxide Steel, Clamp Style

UNIT
Metric
SHEET