



O.D. (D):	28 mm	Material:	Black Oxide Steel
Brand:	Ruland	Tariff Code:	8483.60.8000
Screw Location (R):	10.01 mm	Conflict Minerals:	Compliant
Material Specification:	1215 Bar	RoHS3:	Compliant
Clearance Diameter (C) MAX:	32.0 mm	REACH:	Compliant
UNSPC:	31162811	ISO 9001:2015:	Certified
Shaft Tolerance:	+0.000 mm / -0.013 mm	Forged Clamp Screw:	M4 x 12
Finish Specification:	Black Oxide	Screw Finish:	Black Oxide
Country of Origin:	USA	Screw Material:	Alloy Steel
Temperature:	-40°F to 350°F (-40°C to 176°C)	Bore Tolerance:	+0.050 mm / +0.012 mm
Hex Wrench Size:	3.0 mm	Bore (B1):	12 mm
Seating Torque:	4.6 Nm	Width (W):	11 mm
Number of Screws:	1 ea		

COMPONENT	Shaft Collar - D-Bore
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MCLD-12-F Ruland 12mm Bore; 28mm Od, 11mm Width, D-bore Shaft Collar, Black Oxide Steel, One-piece, Clamp Style	UNIT
	Metric
	SHEET