



O.D. (D):	1.181 in (30.0 mm)	Seating Torque:	4.6 Nm
Brand:	Ruland	Length (L):	1.496 in (38.0 mm)
UNSPC:	31163003	B2 Max Shaft Penetration:	0.717 in (18.2 mm)
Temperature:	-40°F to 225°F (-40°C to 107°C)	Material:	Aluminum
Country of Origin:	USA	Bore (B1):	0.5000 in
Product Group:	4 Beam Couplings Clamp	Bore (B2):	0.5000 in
Shaft Tolerance:	+0.0000 in / -0.0005 in	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	0.717 in (18.2 mm)
Balanced Design:	Yes	Bore Tolerance:	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
Cap Screw:	M4	Number of Screws:	2 ea
Hex Wrench Size:	3.0 mm	Screw Material:	Alloy Steel
Static Torque:	6.60 Nm	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	3.30 Nm	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	1.65 Nm	REACH:	Compliant
Torsional Stiffness:	0.93 Deg/Nm	RoHS3:	Compliant
Angular Misalignment:	3.0 deg	Conflict Minerals:	Compliant
Parallel Misalignment:	0.38 mm	Tariff Code:	8483.60.8000
Maximum Speed:	6000 RPM	Axial Motion:	0.25 mm

COMPONENT	MW Series Four Beam Coupling
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MWC30-1/2"-1/2"-A
Ruland
1/2" X 1/2" Bores, 1.181" (30.0mm) Od 1.496"
(38.0mm) Length, Four Beam Coupling,
Aluminum Set Screw Style

UNIT

Inch

SHEET