



O.D. (D):	1.000 in (25.4 mm)	Number of Screws:	4 ea
Brand:	Ruland	Length (L):	1.500 in (38.1 mm)
Forged Set Screw:	M5	B2 Max Shaft Penetration:	18.3 mm
Maximum Speed:	6000 RPM	Material:	Aluminum
Temperature:	-40°F to 225°F (-40°C to 107°C)	Bore (B1):	12 mm
Country of Origin:	USA	Bore (B2):	12 mm
Product Group:	F-Series Six Beam Coupling	Keyway:	No
Shaft Tolerance:	+0.000 mm / -0.013 mm	B1 Max Shaft Penetration:	18.3 mm
Zero-Backlash?:	Yes	Bore Tolerance:	+0.025 mm / -0.000 mm
UNSPC:	31163003	Tariff Code:	8483.60.8000
Seating Torque:	4 Nm	Screw Material:	Alloy Steel
Static Torque:	2.82 Nm	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	1.41 Nm	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	0.71 Nm	REACH:	Compliant
Torsional Stiffness:	1.57 Deg/Nm	RoHS3:	Compliant
Angular Misalignment:	3.0 deg	Conflict Minerals:	Compliant
Parallel Misalignment:	0.38 mm	Axial Motion:	0.25 mm
Hex Wrench Size:	2.5 mm		

COMPONENT

F-Series Six Beam Coupling



Pacific International Bearing, Inc.
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FSMR25-12-12-A
Ruland
12mm X 12mm Bores, 25.4mm Od 38.1mm
Length, Six Beam Coupling, Aluminum Set
Screw Style

UNIT

Metric

SHEET