



Brand:	Ruland	Length (L):	2.250 in (57.2 mm)
Forged Set Screw:	M6	B2 Max Shaft Penetration:	1.075 in (27.3 mm)
Maximum Speed:	6000 RPM	O.D. (D):	1.500 in (38.1 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:	F-Series Six Beam Coupling	Bore (B2):	12 mm
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	1.075 in (27.3 mm)
UNSPC:	31163003	Bore Tolerance:	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
Seating Torque:	7.2 Nm	Tariff Code:	8483.60.8000
Static Torque:	110 lb-in (12.43 Nm)	Screw Material:	Alloy Steel
Dynamic Torque Non-Reversing:	55 lb-in (6.22 Nm)	Screw Finish:	Black Oxide
Dynamic Torque Reversing:	27.5 lb-in (3.11 Nm)	ISO 9001:2015:	Certified
Torsional Stiffness:	0.029 Deg/lb-in (0.26 Deg/Nm)	REACH:	Compliant
Angular Misalignment:	3.0 deg	RoHS3:	Compliant
Parallel Misalignment:	0.030 in (0.76 mm)	Conflict Minerals:	Compliant
Hex Wrench Size:	3.0 mm	Axial Motion:	0.015 in (0.38 mm)
Number of Screws:	4 ea		

COMPONENT

F-Series Six Beam Coupling



Pacific International Bearing, Inc.
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FSR24-1/2"-12MM-A
Ruland
1/2" X 12mm Bores, 1.500" Od 2.250"
Length, Six Beam Coupling, Aluminum Set
Screw Style

UNIT
Inch/Metric
SHEET