



Brand:	Ruland	Length (L):	1.250 in (31.8 mm)
Forged Set Screw:	M4	B2 Max Shaft Penetration:	0.607 in (15.4 mm)
Maximum Speed:	6000 RPM	O.D. (D):	0.750 in (19.1 mm)
Temperature:	-40°F to 225°F (-40°C to 107°C)	Material:	Aluminum
Country of Origin:	USA	Bore (B1):	7 mm
Product Group:	F-Series Six Beam Coupling	Bore (B2):	0.2500 in
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	0.607 in (15.4 mm)
UNSPC:	31163003	Bore Tolerance:	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
Seating Torque:	1.76 Nm	Tariff Code:	8483.60.8000
Static Torque:	24.0 lb-in (2.71 Nm)	Screw Material:	Alloy Steel
Dynamic Torque Non-Reversing:	12 lb-in (1.36 Nm)	Screw Finish:	Black Oxide
Dynamic Torque Reversing:	6 lb-in (0.68 Nm)	ISO 9001:2015:	Certified
Torsional Stiffness:	0.189 Deg/lb-in (1.67 Deg/Nm)	REACH:	Compliant
Angular Misalignment:	3.0 deg	RoHS3:	Compliant
Parallel Misalignment:	0.008 in (0.20 mm)	Conflict Minerals:	Compliant
Hex Wrench Size:	2.0 mm	Axial Motion:	0.005 in (0.13 mm)
Number of Screws:	2 ea		

COMPONENT

F-Series Six Beam Coupling



Pacific International Bearing, Inc.
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FSR12-7MM-1/4"-A
Ruland
7mm X 1/4" Bores, 0.750" Od 1.250" Length,
Six Beam Coupling, Aluminum Set Screw
Style

UNIT
Inch/Metric
SHEET