



O.D. (D):	1.250 in (31.8 mm)	Number of Screws:	4 ea
Brand:	Ruland	Length (L):	1.750 in (44.5 mm)
Forged Set Screw:	M6	B2 Max Shaft Penetration:	0.842 in (21.4 mm)
Maximum Speed:	6000 RPM	Material:	Aluminum
Temperature:	-40°F to 225°F (-40°C to 107°C)	Bore (B1):	0.5000 in
Country of Origin:	USA	Bore (B2):	8 mm
Product Group:	F-Series Six Beam Coupling	Keyway:	No
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	B1 Max Shaft Penetration:	0.842 in (21.4 mm)
Zero-Backlash?:	Yes	Bore Tolerance:	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
UNSPC:	31163003	Tariff Code:	8483.60.8000
Seating Torque:	7.2 Nm	Screw Material:	Alloy Steel
Static Torque:	50 lb-in (5.65 Nm)	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	25 lb-in (2.83 Nm)	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	12.5 lb-in (1.40 Nm)	REACH:	Compliant
Torsional Stiffness:	0.072 Deg/lb-in (0.64 Deg/Nm)	RoHS3:	Compliant
Angular Misalignment:	3.0 deg	Conflict Minerals:	Compliant
Parallel Misalignment:	0.015 in (0.38 mm)	Axial Motion:	0.010 in (0.25 mm)
Hex Wrench Size:	3.0 mm		

COMPONENT

F-Series Six Beam Coupling



Pacific International Bearing, Inc.
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FSR20-1/2"-8MM-A
Ruland
1/2" X 8mm Bores, 1.250" Od 1.750" Length,
Six Beam Coupling, Aluminum Set Screw
Style

UNIT
Inch/Metric
SHEET