



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:	303 Stainless Steel
Temperature:	-40°F to 350°F (-40°C to 176°C)	Bore (B1):	0.5000 in
Country of Origin:	USA	Bore (B2):	12 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:	107 lb-in (12.09 Nm)	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	53.5 lb-in (6.05 Nm)	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	26.75 lb-in (3.02 Nm)	REACH:	Compliant
Torsional Stiffness:	0.037 Deg/lb-in (0.33 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
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Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

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FSR20-1/2"-12MM-SS

Ruland

1/2" X 12mm Bores, 1.250" Od 1.750"
Length, Six Beam Coupling, Stainless
Steel Set Screw Style

UNIT

Inch/Metric

SHEET