



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:	21.4 mm
Maximum Speed:	6000 RPM	Material:	303 Stainless Steel
Temperature:	-40°F to 350°F (-40°C to 176°C)	Bore (B1):	12 mm
Country of Origin:	USA	Bore (B2):	8 mm
Product Group:	F-Series Six Beam Coupling	Keyway:	No
Shaft Tolerance:	+0.000 mm / -0.013 mm	B1 Max Shaft Penetration:	21.4 mm
Zero-Backlash?:	Yes	Bore Tolerance:	+0.025 mm / -0.000 mm
UNSPC:	31163003	Tariff Code:	8483.60.8000
Seating Torque:	7.2 Nm	Screw Material:	Alloy Steel
Static Torque:	14.60 Nm	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	7.30 Nm	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	3.65 Nm	REACH:	Compliant
Torsional Stiffness:	0.20 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:	3.0 mm		

COMPONENT

F-Series Six Beam Coupling



Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

FSMR32-12-8-SS
Ruland
12mm X 8mm Bores, 31.8mm Od 44.5mm
Length, Six Beam Coupling, Stainless
Steel Set Screw Style

UNIT

Metric

SHEET