



O.D. (D):	0.625 in (15.9 mm)	Seating Torque:	1.21 Nm
Brand:	Ruland	Length (L):	1.000 in (25.4 mm)
UNSPC:	31163003	B2 Max Shaft Penetration:	0.483 in (12.3 mm)
Temperature:	-40°F to 225°F (-40°C to 107°C)	Material:	Aluminum
Country of Origin:	USA	Bore (B1):	0.2500 in
Product Group:	F-Series Six Beam Coupling	Bore (B2):	5 mm
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	0.483 in (12.3 mm)
Balanced Design:	Yes	Bore Tolerance:	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
Clearance Diameter (C) MAX:	0.796 in (20.22 mm)	Number of Screws:	2 ea
Hex Wrench Size:	2.0 mm	Screw Material:	Alloy Steel
Cap Screw:	M2.5	Screw Finish:	Black Oxide
Static Torque:	13 lb-in (1.47 Nm)	ISO 9001:2015:	Certified
Dynamic Torque Non-Reversing:	6.5 lb-in (0.73 Nm)	REACH:	Compliant
Dynamic Torque Reversing:	3.25 lb-in (0.37 Nm)	RoHS3:	Compliant
Torsional Stiffness:	0.360 Deg/lb-in (3.19 Deg/Nm)	Conflict Minerals:	Compliant
Angular Misalignment:	3.0 deg	Tariff Code:	8483.60.8000
Parallel Misalignment:	0.008 in (0.20 mm)	Axial Motion:	0.005 in (0.13 mm)
Maximum Speed:	6000 RPM		

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

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FCR10-1/4"-5MM-A
Ruland
1/4" X 5mm Bores, 0.625" Od 1.000" Length,
Six Beam Coupling, Aluminum Clamp
Style

UNIT
Inch/Metric
SHEET