



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	O.D. (D):	1.250 in (31.8 mm)
Temperature:	-40°F to 225°F (-40°C to 107°C)	Material:	Aluminum
Country of Origin:	USA	Bore (B1):	12 mm
Product Group:	F-Series Six Beam Coupling	Bore (B2):	8 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	21.4 mm
UNSPC:	31163003	Bore Tolerance:	+0.025 mm / -0.000 mm
Seating Torque:	7.2 Nm	Tariff Code:	8483.60.8000
Static Torque:	5.65 Nm	Screw Material:	Alloy Steel
Dynamic Torque Non-Reversing:	2.83 Nm	Screw Finish:	Black Oxide
Dynamic Torque Reversing:	1.41 Nm	ISO 9001:2015:	Certified
Torsional Stiffness:	0.63 Deg/Nm	REACH:	Compliant
Angular Misalignment:	3.0 deg	RoHS3:	Compliant
Parallel Misalignment:	0.38 mm	Conflict Minerals:	Compliant
Hex Wrench Size:	3.0 mm	Axial Motion:	0.25 mm
Number of Screws:	4 ea		

COMPONENT

F-Series Six Beam Coupling



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FSMR32-12-8-A
Ruland
12mm X 8mm Bores, 31.8mm Od 44.5mm
Length, Six Beam Coupling, Aluminum Set
Screw Style

UNIT
Metric
SHEET