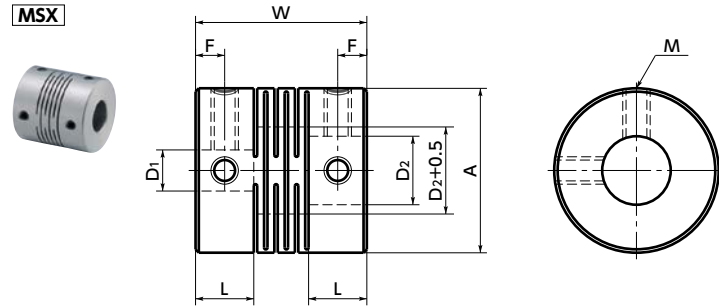


MSX Flexible Couplings - Slit Type - Set Screw Type

Zero Backlash High Rigidity



Dimensions

Unit : mm

Part Number	A	L	W	F	M	Screw Tightening Torque (N·m)
MSX-16	16	6	17.4	3	M3	0.7
MSX-19	19	6.8	20	3.4	M3	0.7
MSX-24	24	8.5	25	4.25	M4	1.7
MSX-29	29	10.2	30	5.1	M4	1.7
MSX-34	34	12	35	6	M5	4
MSX-39	39	13.5	40	6.75	M5	4
MSX-44	44	15.5	45	7.75	M6	7

Part Number	Standard Bore Diameter (Dimensional Allowance H8) D1-D2							
MSX-16	5 - 5	5 - 6	6 - 6					
MSX-19	5 - 5 6.35 - 6.35	5 - 6 6.35 - 8	5 - 7 8 - 8	5 - 8 8 - 10	6 - 6 10 - 10	6 - 6.35	6 - 7	6 - 8
MSX-24	6 - 6 8 - 9.525	6 - 8 8 - 10	6 - 10 9.525 - 10	6.35 - 6.35 10 - 10	6.35 - 8 10 - 11	6.35 - 10 10 - 12	7 - 8 11 - 12	8 - 8 12 - 12
MSX-29	8 - 8 11 - 12	8 - 10 11 - 14	8 - 11 12 - 12	8 - 12 12 - 14	10 - 10	10 - 11	10 - 12	10 - 14
MSX-34	10 - 14 15 - 15	11 - 14 15 - 16	12 - 12 16 - 16	12 - 14	12 - 16	14 - 14	14 - 15	14 - 16
MSX-39	10 - 14 15 - 15	12 - 12 15 - 16	12 - 14 16 - 16	12 - 15	12 - 16	12 - 19	14 - 14	14 - 15
MSX-44	12 - 12 15 - 19	12 - 14 15 - 20	12 - 19 20 - 20	14 - 14	14 - 15	14 - 16	15 - 15	15 - 16

- All products are provided with hex socket set screws.
- Recommended tolerance for shaft diameters is h6 and h7.
- For the shaft insertion amount to the coupling, see Mounting/maintenance.

Performance

Part Number	Max. Bore Diameter (mm)	Rated Torque *1 (N·m)	Max. Rotational Frequency (min ⁻¹)	Moment *2 of Inertia (kg·m ²)	Static Torsional Stiffness (N·m/rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass *2 (g)
MSX-16	8	0.5	39000	2.8×10 ⁻⁷	200	0.05	0.5	±0.1	7
MSX-19	10	1	33000	6.2×10 ⁻⁷	270	0.05	0.5	±0.1	10
MSX-24	12	1.5	26000	2.0×10 ⁻⁶	790	0.05	0.5	±0.1	22
MSX-29	14	2	21000	5.2×10 ⁻⁶	1400	0.05	0.5	±0.1	40
MSX-34	18	3	18000	1.1×10 ⁻⁵	2200	0.05	0.5	±0.1	64
MSX-39	20	6	16000	2.9×10 ⁻⁵	4100	0.05	0.5	±0.1	90
MSX-44	22	9	14000	5.5×10 ⁻⁵	5100	0.05	0.5	±0.1	133

*1: Correction of rated torque due to load fluctuation is not required.

*2: These are values with max. bore diameter.

Additional Keyway at Shaft Hole → P.0000 | Cleanroom Wash & Packaging → P.0000 | Change to Stainless Steel Screw → P.0000
 Bore additional modification only/ Add'l charge | Please combine with Stainless Steel Screw Alteration Service | Available / Add'l charge

- Part number specification

MSX-19-5-6

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