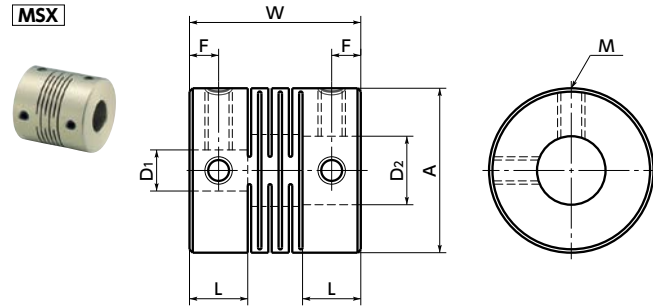


MSX Flexible coupling - Slit - type - Set screw type

[WEB Selection Tool](#)
[WEB CAD Download](#)
[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 screw.
- Recommended dimensional allowances of applicable shaft diameter are h6 and h7.

Performance

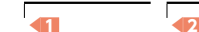
Part Number	Max. Bore Diameter (mm)	Rated*1 torque (N·m)	Max.*1 torque (N·m)	Max. Rotational Frequency (min ⁻¹)	Moment*2 of Inertia (kg·m ²)	Static Torsional Stiffness (N·m/rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass*2 (g)
MSX-16	8	0.5	1	39000	2.8×10 ⁻⁷	200	0.05	0.5	±0.1	7
MSX-19	10	1	2	33000	6.2×10 ⁻⁷	270	0.05	0.5	±0.1	10
MSX-24	12	1.5	3	26000	2.0×10 ⁻⁶	790	0.05	0.5	±0.1	22
MSX-29	14	2	4	21000	5.2×10 ⁻⁶	1400	0.05	0.5	±0.1	40
MSX-34	18	3	6	18000	1.1×10 ⁻⁵	2200	0.05	0.5	±0.1	64
MSX-39	20	6	12	16000	2.9×10 ⁻⁵	4100	0.05	0.5	±0.1	90
MSX-44	22	9	18	14000	5.5×10 ⁻⁵	5100	0.05	0.5	±0.1	133

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

*2 These are values with max. bore diameter.

- Part number specification

MSX-19-5-6



[Additional Keyway at Shaft Hole → P.788](#)
[Cleanroom Wash & Packaging → P.792](#)
[Change to Stainless Steel Screw → P.790](#)