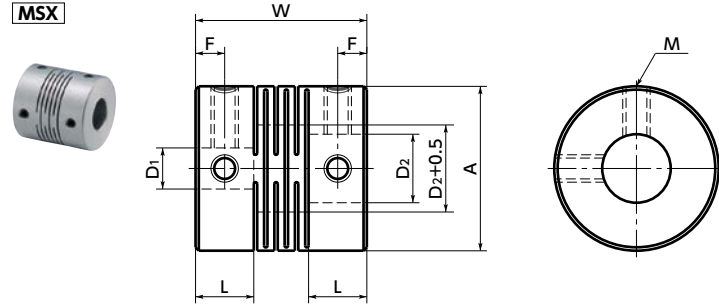


# MSX Flexible Couplings - Slit Type - Set Screw Type

[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)
<b>MSX-16</b>	16	6	17.4	3	M3	0.7
<b>MSX-19</b>	19	6.8	20	3.4	M3	0.7
<b>MSX-24</b>	24	8.5	25	4.25	M4	1.7
<b>MSX-29</b>	29	10.2	30	5.1	M4	1.7
<b>MSX-34</b>	34	12	35	6	M5	4
<b>MSX-39</b>	39	13.5	40	6.75	M5	4
<b>MSX-44</b>	44	15.5	45	7.75	M6	7

Part Number	Standard Bore Diameter (Dimensional Allowance H8) D1-D2							
<b>MSX-16</b>	5 - 5	5 - 6	6 - 6					
<b>MSX-19</b>	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
<b>MSX-24</b>	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
<b>MSX-29</b>	8 - 8 11 - 12	8 - 10 11 - 14	8 - 11 12 - 12	8 - 12 12 - 14	10 - 10	10 - 11	10 - 12	10 - 14
<b>MSX-34</b>	10 - 14 15 - 15	11 - 14 15 - 16	12 - 12 16 - 16	12 - 14	12 - 16	14 - 14	14 - 15	14 - 16
<b>MSX-39</b>	10 - 14 15 - 15	12 - 12 15 - 16	12 - 14 16 - 16	12 - 15	12 - 16	12 - 19	14 - 14	14 - 15
<b>MSX-44</b>	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.

## Performance

Part Number	Max. Bore Diameter (mm)	Rated Torque *1 (N·m)	Max. Rotational Frequency (min <sup>-1</sup> )	Moment *2 of Inertia (kg·m <sup>2</sup> )	Static Torsional Stiffness (N·m/rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass *2 (g)
<b>MSX-16</b>	8	0.5	39000	2.8×10 <sup>-7</sup>	200	0.05	0.5	±0.1	7
<b>MSX-19</b>	10	1	33000	6.2×10 <sup>-7</sup>	270	0.05	0.5	±0.1	10
<b>MSX-24</b>	12	1.5	26000	2.0×10 <sup>-6</sup>	790	0.05	0.5	±0.1	22
<b>MSX-29</b>	14	2	21000	5.2×10 <sup>-6</sup>	1400	0.05	0.5	±0.1	40
<b>MSX-34</b>	18	3	18000	1.1×10 <sup>-5</sup>	2200	0.05	0.5	±0.1	64
<b>MSX-39</b>	20	6	16000	2.9×10 <sup>-5</sup>	4100	0.05	0.5	±0.1	90
<b>MSX-44</b>	22	9	14000	5.5×10 <sup>-5</sup>	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. xxxx
 [Cleanroom Wash & Packaging](#) → P. xxxx
 [Change to Stainless Steel Screw](#) → P. xxxx

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

