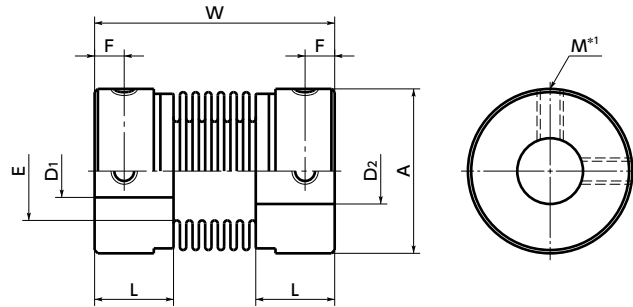


MFB/MFBS/MFB-C/MFBS-C Flexible Couplings - Bellows Type

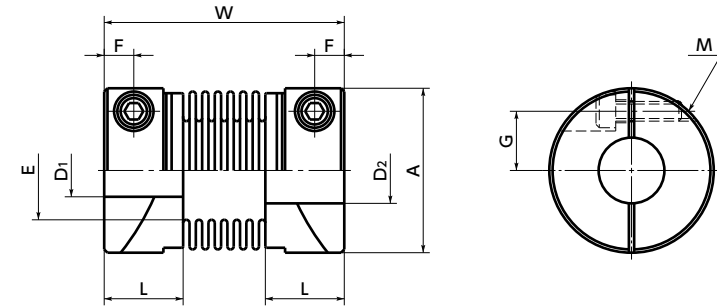
Zero Backlash SUS Stainless steel

MFB Aluminum alloy hub
MFBS Made of all stainless steel



*1: In a case where the bore diameter is $\phi 4$ or less, the set screw is used in only one place.

MFB-C Aluminum alloy hub
MFBS-C Made of all stainless steel



Dimensions

Unit: mm

Part Number	A	L	W	E	F	G	M	Screw Tightening Torque (N·m)	Standard Bore Diameter									
									D1 · D2	3	4	5	6	8	10	12	14	
MFB-12	12	7.5	23.5	7	2.5		M2.5	0.5	●	●	●	●						
MFB-16	16	9	26.5	9.5	3		M3	0.7		●	●	●	●					
MFB-20	20	10	33	12.5	3.5		M3	0.7			●	●	●	●				
MFB-25	25	12	36.5	15	4.5		M4	1.7				●	●	●	●			
MFB-32	32	13.5	42	21	5.5		M4	1.7					●	●	●	●	●	
MFBS-12	12	7.5	23.5	7	2.5		M2.5	0.5	●	●	●	●						
MFBS-16	16	9	26.5	9.5	3		M3	0.7		●	●	●	●					
MFBS-20	20	10	32	12.5	3.5		M3	0.7			●	●	●	●				
MFBS-25	25	12	36.5	15	4.5		M4	1.7				●	●	●	●			
MFBS-32	32	13.5	42	21	5.5		M4	1.7					●	●	●	●	●	
MFB-12C	12	7.5	23.5	7	2.25	4	M2	0.5		●	●							
MFB-16C	16	9	26.5	9.5	3	5	M2.5	1			●	●						
MFB-20C	20	10	33	12.5	3.5	6.5	M2.5	1				●	●					
MFB-25C	25	12	36.5	15	4.5	9	M3	1.5					●	●	●			
MFB-32C	32	13.5	42	21	5	11	M4	2.5						●	●	●	●	
MFBS-12C	12	7.5	23.5	7	2.25	4	M2	0.5		●	●							
MFBS-16C	16	9	26.5	9.5	3	5	M2.5	1			●	●						
MFBS-20C	20	10	32	12.5	3.5	6.5	M2.5	1				●	●					
MFBS-25C	25	12	36.5	15	4.5	9	M3	1.5					●	●	●			
MFBS-32C	32	13.5	42	21	5	11	M4	2.5						●	●	●	●	

- All products are provided with hex socket set screw **MFB**/**MFBS** or hex socket head cap screw **MFB-C**/**MFBS-C**.
- Tolerance of shaft bore on set screw type is H8.
- Recommended tolerance for shaft diameters is h6 and h7.
- For the shaft insertion amount to the coupling, see Mounting/maintenance.

⚠ Precautions for Use

- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → P.xxxx
- There are sizes where the hex socket head bolt exceeds the outer diameter of the coupling and the rotating diameter is larger than the outer diameter. Please be careful of the interference of coupling. → P.xxxx

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)
MFB-12	6.35	0.3	52000	9.0×10 ⁻⁸	82	0.1	1.5	+0.4 -1.2	4.1
MFB-16	8	0.5	39000	3.5×10 ⁻⁷	110	0.1	1.5	+0.4 -1.2	9
MFB-20	10	0.8	31000	9.9×10 ⁻⁷	180	0.15	2	+0.6 -1.8	16
MFB-25	12	1.3	25000	3.1×10 ⁻⁶	240	0.15	2	+0.6 -1.8	32
MFB-32	16	2	19000	9.2×10 ⁻⁶	330	0.2	2	+0.8 -2.5	57
MFBS-12	6.35	0.5	52000	2.1×10 ⁻⁷	100	0.1	1.5	+0.4 -1.2	9.1
MFBS-16	8	1	39000	8.0×10 ⁻⁷	150	0.1	1.5	+0.4 -1.2	20
MFBS-20	10	1.5	31000	2.3×10 ⁻⁶	220	0.15	2	+0.6 -1.8	37
MFBS-25	12	2	25000	7.0×10 ⁻⁶	330	0.15	2	+0.6 -1.8	73
MFBS-32	16	3	19000	2.1×10 ⁻⁵	490	0.2	2	+0.8 -2.5	130
MFB-12C	5	0.3	52000	9.7×10 ⁻⁸	82	0.1	1.5	+0.4 -1.2	3.8
MFB-16C	6.35	0.5	39000	3.7×10 ⁻⁷	110	0.1	1.5	+0.4 -1.2	9.8
MFB-20C	8	0.8	31000	1.0×10 ⁻⁶	180	0.15	2	+0.6 -1.8	16
MFB-25C	10	1.3	25000	3.1×10 ⁻⁶	240	0.15	2	+0.6 -1.8	32
MFB-32C	14	2	19000	9.6×10 ⁻⁶	330	0.2	2	+0.8 -2.5	58
MFBS-12C	5	0.5	52000	2.1×10 ⁻⁷	100	0.1	1.5	+0.4 -1.2	9.2
MFBS-16C	6.35	1	39000	8.1×10 ⁻⁷	150	0.1	1.5	+0.4 -1.2	22
MFBS-20C	8	1.5	31000	2.3×10 ⁻⁶	220	0.15	2	+0.6 -1.8	38
MFBS-25C	10	2	25000	6.9×10 ⁻⁶	330	0.15	2	+0.6 -1.8	74
MFBS-32C	14	3	19000	2.1×10 ⁻⁵	490	0.2	2	+0.8 -2.5	130

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

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

• Part number specification

MFB-12C-4-5

Additional Keyway at Shaft Hole → P.xxxx Cleanroom Wash & Packaging → P.xxxx Change to Stainless Steel Screw → P.xxxx
 Available / Add'l charge Not Available Please feel free to contact us