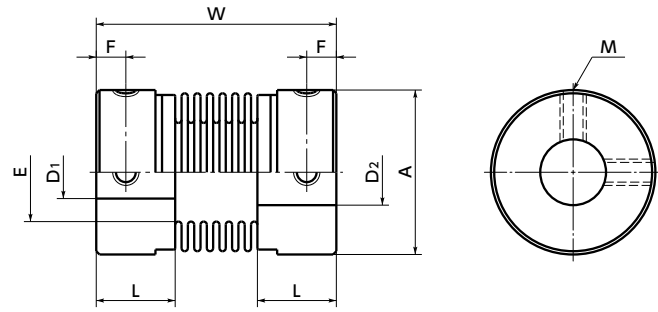


MFB/MFBS/MFB-C/MFBS-C Flexible Coupling - Bellows - type

WEB Selection Tool WEB CAD Download 0 Zero Backlash SUS Stainless steel

MFB Aluminum alloy hub
MFBS Made of all stainless steel



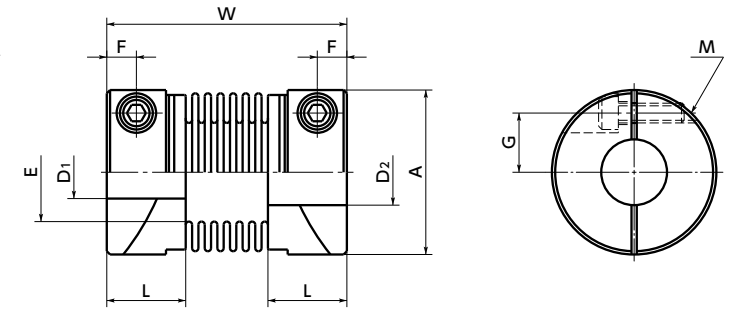
Dimensions

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 screws (**MFB**, **MFBS**) and hex socket head cap screws (**MFB-C**, **MFBS-C**).
- In a case where the bore diameter is $\phi 4$ or less, the set screw is used in only one place.
- The dimensional allowance for bore diameter of a set screw type is H8.
- Recommended dimensional allowances of applicable shaft diameter are h6 and h7.
- In case of mounting a clamping type **MFB-C** **MFBS-C** on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → P.258

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



Performance

Part Number	Max. Bore Diameter (mm)	Rated*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)
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

