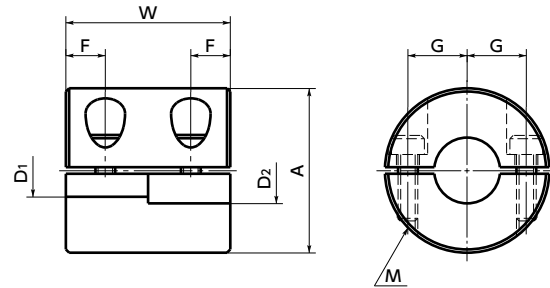


MRG-W/MRGS-W Rigid Couplings - Split Type

Zero Backlash High torque High Rigidity SUS Stainless steel

MRG-W Made of aluminum alloy
MRGS-W Made of all stainless steel



Dimensions • Performance

Unit : mm

Part Number ¹	A	W	F	G	M	Screw Tightening Torque (N·m)	Standard Bore Diameter																	
							D1 • D2 ²	5	6	8	10	12	14	15	16	18	19	20	25	28	30			
MRG-16W	16	16	4	5	M2.5	1	●	●																
MRG-20W	20	20	5	6.5	M2.5	1		●	●															
MRG-25W	25	25	6	9	M3	1.5			●	●														
MRG-32W	32	32	8	11	M4	2.5				●	●	●												
MRG-40W	40	40	9.5	14	M5	4							●	●	●									
MRG-50W	50	50	12	18	M6	8										●	●							
MRG-65W	65	65	16	23	M8	16														●	●	●		
MRGS-16W	16	16	4	5	M2.5	1	●	●																
MRGS-20W	20	20	5	6.5	M2.5	1		●	●															
MRGS-25W	25	25	6	9	M3	1.5			●	●														
MRGS-32W	32	32	8	11	M4	2.5				●	●	●												
MRGS-40W	40	40	9.5	14	M5	4							●	●	●									
MRGS-50W	50	50	12	18	M6	8										●	●							
MRGS-65W	65	65	16	23	M8	16														●	●	●		

- All products are provided with hex socket head cap screw.
- 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 of Inertia *2 (kg·m ²)	Mass *2 (g)
MRG-16W	6	1	39000	3.2×10 ⁻⁷	8.8
MRG-20W	8	2.5	31000	8.7×10 ⁻⁷	15
MRG-25W	10	4.5	25000	2.7×10 ⁻⁶	29
MRG-32W	14	10	19000	9.3×10 ⁻⁶	61
MRG-40W	18	20	15000	2.3×10 ⁻⁵	99
MRG-50W	24	25	12000	7.1×10 ⁻⁵	189
MRG-65W	30	35	9000	2.7×10 ⁻⁴	428
MRGS-16W	6	0.3	39000	8.2×10 ⁻⁷	22
MRGS-20W	8	0.5	31000	2.4×10 ⁻⁶	41
MRGS-25W	10	1	25000	7.3×10 ⁻⁶	80
MRGS-32W	14	2	19000	2.5×10 ⁻⁵	160
MRGS-40W	18	3	15000	6.7×10 ⁻⁵	285
MRGS-50W	24	4.5	12000	2.0×10 ⁻⁴	541
MRGS-65W	30	7	9000	7.7×10 ⁻⁴	1220

*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 SUS Change to Stainless Steel Screw → P.xxxx
 Please feel free to contact us Please feel free to contact us Please feel free to contact us

• Part number specification

MRGS-25W - 8-8

