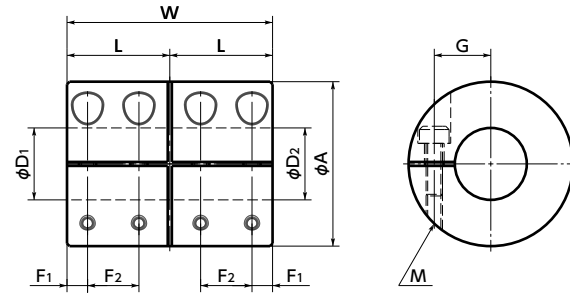


MLR-C/MLRS-C Rigid Couplings - Clamping Type

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Zero Backlash](#)
[High Rigidity](#)
[SUS Stainless steel](#)

MLR-C Made of aluminum alloy
MLRS-C Made of all stainless steel



Dimensions

Unit : mm

Part Number	A	L	W	F1	F2	G	M	Screw Tightening Torque (N·m)	Standard Bore Diameter							
									D1-D2							
MLR-16C	16	11	22	2.5	5.5	5	M2	0.5	5 - 5	5 - 6	6 - 6					
MLR-20C	20	12	24	2.5	6	7	M2	0.5	6 - 6	6 - 8	8 - 8					
MLR-25C	25	18	36	4.5	9	9	M2.5	1	8 - 8	8 - 10	10 - 10	12 - 12				
MLR-32C	32	20	40	4	10	11	M3	1.5	10 - 10	10 - 12	10 - 14	12 - 12	12 - 14	14 - 14	15 - 15	
MLRS-16C	16	11	22	2.5	5.5	5	M2	0.5	5 - 5	5 - 6	6 - 6					
MLRS-20C	20	12	24	2.5	6	7	M2	0.5	6 - 6	6 - 8	8 - 8					
MLRS-25C	25	18	36	4.5	9	9	M2.5	1	8 - 8	8 - 10	10 - 10	12 - 12				
MLRS-32C	32	20	40	4	10	11	M3	1.5	10 - 10	10 - 12	10 - 14	12 - 12	12 - 14	14 - 14	15 - 15	

- All products are provided with hex socket head cap screw.
- Recommended tolerance for shaft diameters is h6 and h7.
- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → 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)
MLR-16C	6	1	39000	3.4×10 ⁻⁷	10
MLR-20C	8	2.5	31000	9.2×10 ⁻⁷	18
MLR-25C	12	4.5	25000	3.4×10 ⁻⁶	38
MLR-32C	15	10	19000	1.0×10 ⁻⁵	70
MLRS-16C	6	0.3	39000	8.9×10 ⁻⁷	25
MLRS-20C	8	0.5	31000	2.5×10 ⁻⁶	45
MLRS-25C	12	1	25000	9.2×10 ⁻⁶	100
MLRS-32C	15	2	19000	2.7×10 ⁻⁵	180

- *1 : Correction of rated torque due to load fluctuation is not required.
- *2 : These are values with max. bore diameter.

- Part number specification

MLR-16C-5-5



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