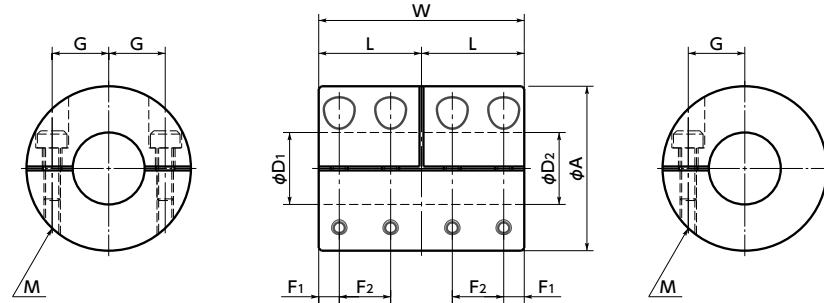


MLR-V/MLRS-V Rigid coupling - Semi - split type

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

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



Dimensions

Unit : mm

Part Number 1	A	L	W	F1	F2	G	M	Screw Tightening Torque (N·m)	Standard Bore Diameter D1-D2 2	
MLR-16V	16	11	22	2.5	5.5	5	M2	0.5	6 - 6	
MLR-20V	20	12	24	2.5	6	7	M2	0.5	8 - 8	
MLR-25V	25	18	36	4.5	9	9	M2.5	1	10 - 10	12 - 12
MLR-32V	32	20	40	4	10	11	M3	1.5	14 - 14	15 - 15
MLRS-16V	16	11	22	2.5	5.5	5	M2	0.5	6 - 6	
MLRS-20V	20	12	24	2.5	6	7	M2	0.5	8 - 8	
MLRS-25V	25	18	36	4.5	9	9	M2.5	1	10 - 10	12 - 12
MLRS-32V	32	20	40	4	10	11	M3	1.5	14 - 14	15 - 15

- All products are provided with hex socket head cap screws.
- Recommended dimensional allowances of applicable shaft diameter are 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.257

Performance

Part Number	Max. Bore Diameter (mm)	Rated torque*1 (N·m)	Max. torque*1 (N·m)	Max. Rotational Frequency (min ⁻¹)	Moment of Inertia*2 (kg·m ²)	Mass*2 (g)
MLR-16V	6	1	2	39000	3.5×10 ⁻⁷	10
MLR-20V	8	2.5	5	31000	9.5×10 ⁻⁷	18
MLR-25V	12	4.5	9	25000	3.4×10 ⁻⁶	38
MLR-32V	15	10	20	19000	1.0×10 ⁻⁵	70
MLRS-16V	6	0.3	0.6	39000	9.1×10 ⁻⁷	25
MLRS-20V	8	0.5	1	31000	2.6×10 ⁻⁶	45
MLRS-25V	12	1	2	25000	9.3×10 ⁻⁶	100
MLRS-32V	15	2	4	19000	2.8×10 ⁻⁵	180

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

[Additional Keyway at Shaft Hole ➔ P.788](#)
[Cleanroom Wash & Packaging ➔ P.792](#)
[SUS Change to Stainless Steel Screw ➔ P.790](#)
 Please feel free to contact us Available / Add'l charge Available / Add'l charge

• Part number specification

MLRS-20V - 8-8

