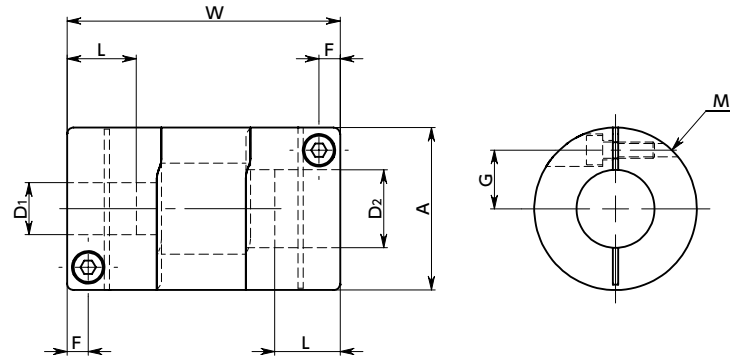


XGL2 Flexible coupling - High - gain rubber type - Long type Patent Pending

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Zero Backlash](#)
[High gain supported](#)
[High torque](#)
[High Rigidity](#)
[Vibration absorption](#)

XGL2-C



Dimensions

Unit : mm

Part Number	A	L	W	F	G	M	Screw Tightening Torque (N·m)
XGL2-15C	15	6.5	30	2.15	5	M1.6	0.25
XGL2-19C	19	7.7	34	2.65	6.5	M2	0.5
XGL2-25C	25	9.5	42	3.25	9	M2.5	1
XGL2-30C	30	11	42	4	11	M3	1.5
XGL2-34C	34	12	44	4	12.25	M3	1.5
XGL2-39C	39	15.5	55	4.5	14.5	M4	2.5

Part Number	Standard Bore Diameter D1-D2										
XGL2-15C	3- 5	5- 5	5- 6								
XGL2-19C	4- 5	5- 5	5- 6	5 - 7	5- 8	6- 6	6- 6.35	6- 8	6.35- 8	8- 8	
XGL2-25C	5- 8	6- 8	6- 10	6.35- 8	8- 8	8- 10	8- 11	8- 12	10 - 10	10- 12	
XGL2-30C	8- 8	8- 10	8- 11	8 - 12	8- 14	8- 15	10- 10	10- 11	10 - 14	11- 12	12- 14
XGL2-34C	8- 8	8- 10	8- 12	8 - 14	10- 11	10- 14	11- 12	12- 14	14 - 15		
XGL2-39C	10- 10	10- 12	10- 14	12 - 14	14- 15	15- 19					

- All products are provided with hex socket head cap screw.
- 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.xxxx

Performance

Part Number	Max. Bore Diameter (mm)	Rated*1 torque (N·m)	Max. *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)
XGL2-15C	6	1.1	2.2	42000	3.6×10 ⁻⁷	82	0.15	1.5	±0.2	11
XGL2-19C	8	2.1	4.2	33000	1.0×10 ⁻⁶	210	0.15	1.5	±0.2	20
XGL2-25C	12	4	8	25000	3.8×10 ⁻⁶	300	0.15	1.5	±0.2	40
XGL2-30C	15	6.3	12.6	21000	7.6×10 ⁻⁶	540	0.2	1.5	±0.3	56
XGL2-34C	16	8	16	18000	1.4×10 ⁻⁵	640	0.2	1.5	±0.3	78
XGL2-39C	20	13.5	27	16000	2.9×10 ⁻⁵	950	0.2	1.5	±0.3	122

*1 Correction of rated torque and max. torque due to load fluctuation is not required. However, if ambient temperature exceeds 30°C, be sure to correct the rated torque and max. torque with temperature correction factor shown in the following table. The allowable operating temperature of XGL2-C is -10°C to 120°C.

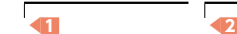
*2 These are values with max. bore diameter.

• Ambient Temperature / Temperature Correction Factor

Ambient temperature	Temperature correction factor
-10°C to 30°C	1.00
30°C to 40°C	0.80
40°C to 60°C	0.70
60°C to 120°C	0.55

• Part number specification

XGL2-15C - 5-5



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