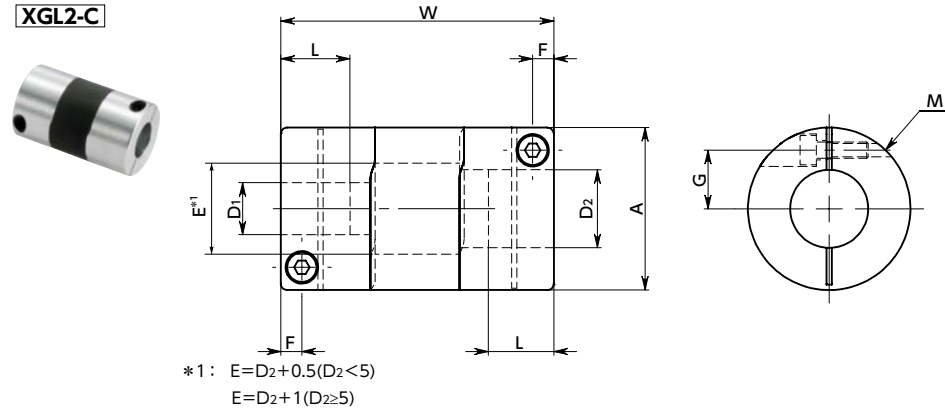


# XGL2-C Flexible Couplings - High - gain Rubber Type - Long Type Patented

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



## 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 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)	Keyway Additional Modification Max. Bore Diameter (mm)	Rated *1 Torque (N·m)	Max. Rotational Frequency (min <sup>-1</sup> )	Moment*2 of Inertia (kg·m <sup>2</sup> )	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	42000	$3.6 \times 10^{-7}$	82	0.15	1.5	±0.2	11
XGL2-19C	8	6	2.1	33000	$1.0 \times 10^{-6}$	210	0.15	1.5	±0.2	20
XGL2-25C	12	9	4	25000	$3.8 \times 10^{-6}$	300	0.15	1.5	±0.2	40
XGL2-30C	15	11	6.3	21000	$7.6 \times 10^{-6}$	540	0.2	1.5	±0.3	56
XGL2-34C	16	12	8	18000	$1.4 \times 10^{-5}$	640	0.2	1.5	±0.3	78
XGL2-39C	20	15	13.5	16000	$2.9 \times 10^{-5}$	950	0.2	1.5	±0.3	122

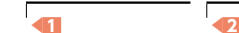
- \*1 : Correction of rated torque due to load fluctuation is not required. If ambient temperature exceeds 30°C, be sure to correct the rated torque with temperature correction factor shown in the following table.  
 The allowable operating temperature of XGL2-C is -10°C to 120°C.  
 ※ The shaft's slip torque may be smaller than the coupling's rated torque depending on the shaft bore. → P.xxxx
- \*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](#)  
 Available / Add'l charge      Please combine with Stainless Steel Screw Alteration Service      Available / Add'l charge