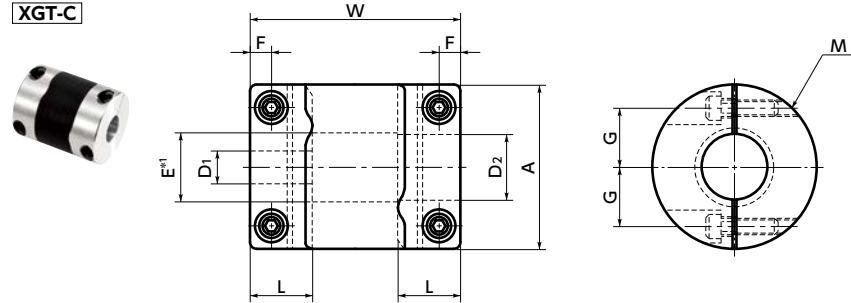


# XGT-C Flexible Couplings - High-gain Rubber Type - Standard Type

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[High torque](#)
[Vibration absorption](#)

XGT-C



\*1:  $E = D_2 + 0.5 (D_2 < 5)$   
 $E = D_2 + 1 (D_2 \geq 5)$

## Dimensions

Unit : mm

Part Number	A	L	W	F	G	M	Screw Tightening Torque (N·m)
XGT-15C	15	6.5	23	2.15	5	M1.6	0.25
XGT-19C	19	7.7	26	2.65	6.5	M2	0.5
XGT-25C	25	9.5	32	3.25	9	M2.5	1
XGT-30C	30	11	36	4	11	M3	1.5
XGT-34C	34	12	38	4	12.25	M3	1.5
XGT-39C	39	15.5	48	4.5	14.5	M4	2.5
XGT-44C	44	15	48	4.75	16	M4	2.5
XGT-56C	56	19.5	60	5.5	20	M5	7

Part Number	Standard Bore Diameter D1-D2									
	D1-D2									
XGT-15C	3 - 5	3 - 6	4 - 4	4 - 5	4 - 6	4.5 - 5	5 - 5	5 - 6	6 - 6	
XGT-19C	4 - 5 6.35 - 8	4 - 8 8 - 8	5 - 5	5 - 6	5 - 7	5 - 8	6 - 6	6 - 6.35	6 - 7	6 - 8
XGT-25C	5 - 6 8 - 10	5 - 8 8 - 11	6 - 6 8 - 12	6 - 8 10 - 10	6 - 10 10 - 12	6 - 11 12 - 12	6 - 12	6.35 - 8	6.35 - 10	8 - 8
XGT-30C	8 - 8 10 - 15	8 - 10 11 - 12	8 - 11 12 - 12	8 - 12 12 - 14	8 - 14 12 - 15	8 - 15 14 - 14	10 - 10 14 - 15	10 - 11 15 - 15	10 - 12	10 - 14
XGT-34C	8 - 8 10 - 15	8 - 10 11 - 11	8 - 11 11 - 12	8 - 12 12 - 12	8 - 14 12 - 14	8 - 15 12 - 15	10 - 10 14 - 14	10 - 11 14 - 15	10 - 12 15 - 15	10 - 14 16 - 16
XGT-39C	10 - 10 12 - 20	10 - 12 14 - 14	10 - 14 14 - 15	10 - 15 15 - 16	10 - 16 15 - 16	12 - 12 15 - 16	12 - 14 15 - 19	12 - 15 16 - 16	12 - 16 17 - 17	12 - 19 20 - 20
XGT-44C	12 - 12 15 - 19	12 - 14 15 - 20	12 - 16 16 - 16	12 - 19 16 - 19	14 - 14 17 - 17	14 - 15 19 - 20	14 - 16 20 - 20	14 - 19	15 - 15	15 - 16
XGT-56C	15 - 15	15 - 19	15 - 20	15 - 25	19 - 20	19 - 24	20 - 20	20 - 25	24 - 25	25 - 25

- 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)
XGT-15C	6	—	1.1	42000	2.7×10 <sup>-7</sup>	43	0.15	1.5	±0.2	8
XGT-19C	8	6	2.1	33000	8.4×10 <sup>-7</sup>	88	0.15	1.5	±0.2	14
XGT-25C	12	9	4	25000	3.0×10 <sup>-6</sup>	140	0.15	1.5	±0.2	28
XGT-30C	15	11	6.3	21000	6.9×10 <sup>-6</sup>	220	0.2	1.5	±0.3	45
XGT-34C	16	12	8	18000	1.3×10 <sup>-5</sup>	390	0.2	1.5	±0.3	65
XGT-39C	20	15	13.5	16000	2.7×10 <sup>-5</sup>	520	0.2	1.5	±0.3	98
XGT-44C	22	17	18	14000	4.2×10 <sup>-5</sup>	640	0.2	1.5	±0.3	136
XGT-56C	28	22	35	11000	1.4×10 <sup>-4</sup>	1500	0.2	1.5	±0.3	276

\*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 XGT-C is -20°C to 80°C.

※ The shaft's slip torque may be smaller than the coupling's rated torque depending on the shaft bore. → P.xxxx

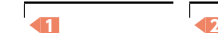
\*2: These are values with max. bore diameter.

### • Ambient Temperature / Temperature Correction Factor

Ambient Temperature	Temperature Correction Factor
-20°C to 30°C	1.00
30°C to 40°C	0.80
40°C to 60°C	0.70
60°C to 80°C	0.55

### • Part number specification

**XGT-39C-12-20**



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