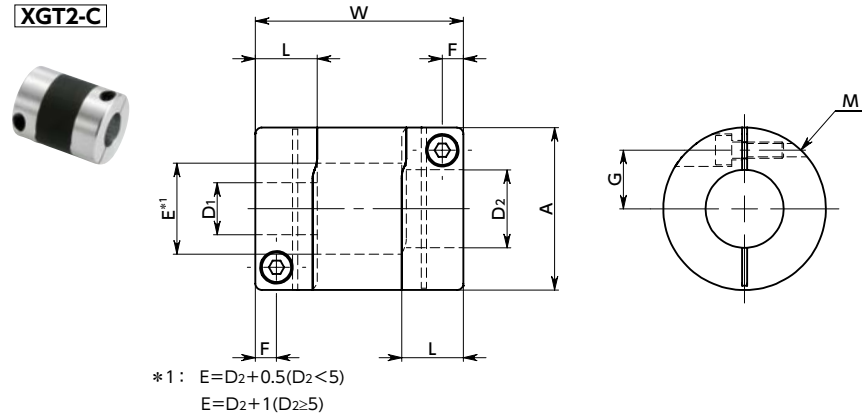


XGT2-C Flexible Couplings - High - gain Rubber Type - Standard Type Patented

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)
XGT2-15C	15	6.5	23	2.15	5	M1.6	0.25
XGT2-19C	19	7.7	26	2.65	6.5	M2	0.5
XGT2-25C	25	9.5	32	3.25	9	M2.5	1
XGT2-27C	27	9.5	32	3.25	10	M2.5	1
XGT2-30C	30	11	36	4	11	M3	1.5
XGT2-34C	34	12	38	4	12.25	M3	1.5
XGT2-39C	39	15.5	48	4.5	14.5	M4	2.5
XGT2-44C	44	15	48	4.75	16	M4	2.5
XGT2-56C	56	19.5	60	5.5	20	M5	7
XGT2-68C	68	24	75	7	25	M6	12

Part Number	Standard Bore Diameter D1-D2									
XGT2-15C	3 - 5	3 - 6	4 - 4	4 - 5	4 - 6	4.5 - 5	5 - 5	5 - 6	6 - 6	
XGT2-19C	4 - 5	4 - 8	5 - 5	5 - 6	5 - 7	5 - 8	6 - 6	6 - 6.35	6 - 7	6 - 8
XGT2-25C	5 - 6	5 - 8	6 - 6	6 - 8	6 - 10	6 - 11	6 - 12	6.35 - 8	6.35 - 10	8 - 8
XGT2-27C	5 - 6	5 - 8	5 - 14	6 - 6	6 - 8	6 - 10	6 - 11	6 - 12	6 - 14	8 - 8
XGT2-30C	8 - 8	8 - 10	8 - 11	8 - 12	8 - 14	8 - 15	10 - 10	10 - 11	10 - 12	10 - 14
XGT2-34C	8 - 8	8 - 10	8 - 11	8 - 12	8 - 14	8 - 15	10 - 10	10 - 11	10 - 12	10 - 14
XGT2-39C	10 - 10	10 - 12	10 - 14	10 - 15	10 - 16	12 - 12	12 - 14	12 - 15	12 - 16	12 - 19
XGT2-44C	12 - 12	12 - 14	12 - 16	12 - 19	14 - 14	14 - 15	14 - 16	14 - 19	15 - 15	15 - 16
XGT2-56C	15 - 15	15 - 19	15 - 20	15 - 25	19 - 20	19 - 24	20 - 20	20 - 25	24 - 25	25 - 25
XGT2-68C	20 - 20	20 - 22	20 - 25	22 - 25	24 - 30	25 - 25	25 - 32	25 - 35		

- All products are provided with hex socket head cap screw.
- Recommended tolerance for shaft diameters is h6 and h7. (Recommended tolerance for shaft diameter φ35 only is -0.025 to +0.010.)
- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft.
- For the shaft insertion amount to the coupling, see Mounting/maintenance.

Performance

Part Number	Max. Bore Diameter (mm)	Keyway Additional Modification Max. Bore Diameter (mm)	Rated ^{*1} Torque (N·m)	Max. Rotational Frequency (min ⁻¹)	Moment 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)
XGT2-15C	6	-	1.1	42000	2.6×10 ⁻⁷	110	0.15	1.5	±0.2	9
XGT2-19C	8	6	2.1	33000	7.6×10 ⁻⁷	240	0.15	1.5	±0.2	15
XGT2-25C	12	9	4	25000	2.7×10 ⁻⁶	390	0.15	1.5	±0.2	29
XGT2-27C	14	10	4	23000	3.7×10 ⁻⁶	400	0.15	1.5	±0.2	33
XGT2-30C	15	11	6.3	21000	6.3×10 ⁻⁶	590	0.2	1.5	±0.3	45
XGT2-34C	16	12	8	18000	1.2×10 ⁻⁵	890	0.2	1.5	±0.3	66
XGT2-39C	20	15	13.5	16000	2.5×10 ⁻⁵	1100	0.2	1.5	±0.3	105
XGT2-44C	22	17	18	14000	4.1×10 ⁻⁵	1300	0.2	1.5	±0.3	134
XGT2-56C	28	22	35	11000	1.4×10 ⁻⁴	2500	0.2	1.5	±0.3	270
XGT2-68C	35	28	65	9000	3.3×10 ⁻⁴	7300	0.2	1.5	±0.3	473

*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 XGT2 (O.D. φ56 or less) is -10°C to 120°C, and that of XGT2 (O.D. φ68) 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 120°C	0.55

Part number specification

XGT2-39C-12-20

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