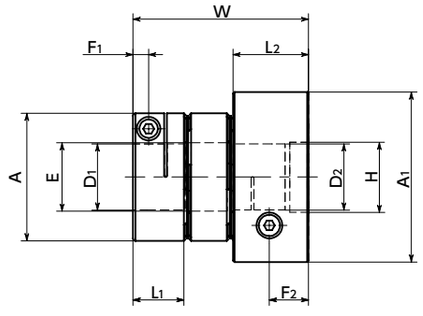
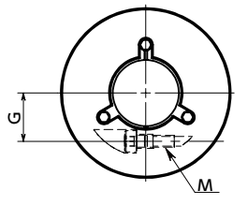
XGHW-C Flexible Couplings - The Vibration - Absorption Capable Disk Type Patented Registered Design

Zero Backlash | High gain supported | High torque | High Rigidity | Vibration absorption

XGHW-C





Dimensions

Unit : mm

Part Number 1	A	A1	L1	L2	W	E	H	F1	F2	G	M	Screw Tightening Torque (N・m)
XGHW-27C	19	27	9.2	13.2	29.7	8.5	10	2.6	6.6	7	M2	0.5
XGHW-36C	27	36	11	16	37.2	14.5	15	3.3	8.3	10.25	M2.5	1
XGHW-41C	34	41	12.5	18.5	42.8	16.5	18	3.75	9.75	13	M3	1.5
XGHW-49C	39	49	15.5	22.5	53.6	20.5	22	4.5	11.5	14.5	M4	3.5

Part Number	Standard Bore Diameter D1 2																	Standard Bore Diameter D2 3							
	3	4	5	6	6.35	8	9.525	10	11	12	14	15	16	17	18	19	20	5	6	8	10	11	14	16	19
XGHW-27C	●	●	●	●	●	●												●	●	●					
XGHW-36C		●	●	●	●	●	●	●	●	●	●									●	●	●	●		
XGHW-41C			●	●	●	●	●	●	●	●	●	●	●							●	●	●	●	●	
XGHW-49C				●	●	●	●	●	●	●	●	●	●	●	●	●	●						●	●	●

- All products are provided with hex socket head cap screw.
- Recommended tolerance for shaft diameters is h6 and h7.
- Bore and keyway modifications are available on request for D1 only. Please take advantage of our modification services.
- 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.

⚠ Precautions for Use

Do not apply excessive shock or torque to the inertia body. Doing so may result in the inertial body detaching.

Performance

Part Number	Max. Bore Diameter (mm)	Rated Torque *1 (N・m)	Max. Rotational Frequency (min^{-1})	Moment of Inertia *2 ($kg・m^2$)	Static Torsional Stiffness (N・m/rad)	Max. Lateral Misalignment (mm)	Max. Angular Alignment (°)	Allowable End-Play (mm)	Mass *2 (g)
XGHW-27C	8	1.5	23000	4.6×10^{-6}	300	0.12	2	±0.2	45
XGHW-36C	14	3.3	17000	1.8×10^{-5}	1400	0.15	2	±0.4	97
XGHW-41C	16	6.3	15000	3.4×10^{-5}	2500	0.2	2	±0.5	144
XGHW-49C	20	12	12000	8.9×10^{-5}	4700	0.25	2	±0.5	260

*1 : Correction of rated torque due to load fluctuation is not required.
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.

Additional Keyway at Shaft Hole ➡ P.xxxx	Cleanroom Wash & Packaging ➡ P.xxxx	Change to Stainless Steel Screw ➡ P.xxxx
Please feel free to contact us	Not Available	Please feel free to contact us

● Part number specification

XGHW-27C - 6 - 8 J

1 | D1 2 | D2 3 | D2 Side Identification Code

Append J to the bore diameter of D2 (inertial rotor).

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