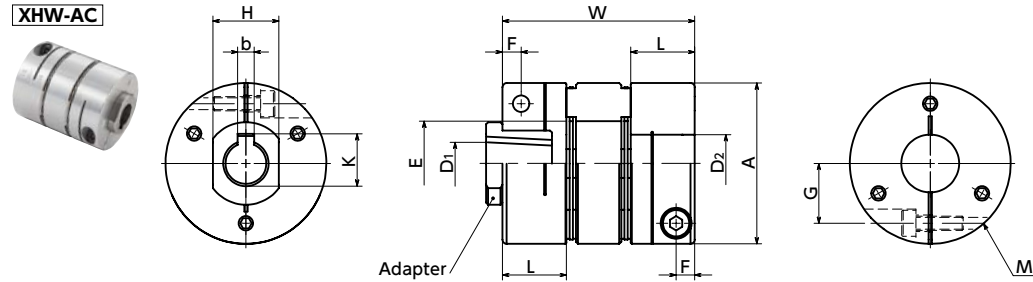


XHW-AC Flexible Couplings - Disk Type - Adapter + Clamping Type NEW

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Zero Backlash](#)
[High torque](#)
[High Rigidity](#)



Dimensions

Unit : mm

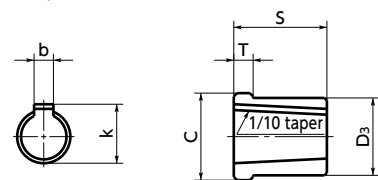
Part Number	A	L	W	E	F	G	M	Adapter					Screw Tightening Torque (N·m)
								D3	C	S	T	H	
XHW-34AC	34	12.5	36.8	16.5	3.75	13	M3	16	20	16	4	18	1.5
XHW-39AC	39	15.5	46.6	20.5	4.5	14.5	M4	16	20	16	4	18	3.5
XHW-44AC	44	15.5	46.6	22.5	4.5	17	M4	16	20	16	4	18	3.5
XHW-56AC	56	20.5	61.2	28.5	6	21	M5	24	30	29	6	27	8
XHW-64AC	64	24	74.4	36	7	24	M6	24	30	29	6	27	13
XHW-79AC	79	30	97.2	43	8.75	29	M8	24	30	29	6	27	28

Part Number	Standard Bore Diameter D1	Standard Bore Diameter D2																								
		5	6	6.35	8	9.525	10	11	12	14	15	16	17	18	19	20	22	24	25	28	30	32	35	38	40	42
XHW-34AC	11T	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
XHW-39AC	11T		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
XHW-44AC	11T			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
XHW-56AC	16T				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
XHW-64AC	16T					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
XHW-79AC	16T						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

- All products are provided with adapter and hex socket head cap screws.
- Recommended tolerance for shaft diameters is h6 and h7.
- Bore and keyway modifications are available on request for D2 only. Please take advantage of our modification services. → P.xxxx
- Bore and keyway modifications are available on request. Please contact our customer service.

Adapter Details

Standard Bore Diameter D1	Keyway			
	b	k	Reference Dimensions	Allowance (JS9)
11T	4	12.7	4	±0.0150
16T	5	18.3	5	±0.0150



Performance

Part Number	Max. Bore Diameter (mm)	Rated Torque *1 (N·m)	Max. Rotational Frequency (min ⁻¹)	Moment*2 of Inertia (kg·m ²)	Static Torsional Stiffness (N·m/rad)	Max. Eccentricity (mm)	Max. Angular Alignment (°)	Allowable End-Play (mm)	Mass *2 (g)
XHW-34AC	16	6.3	18000	1.3×10 ⁻⁵	2500	0.2	2	±0.5	92
XHW-39AC	20	12	16000	2.9×10 ⁻⁵	4700	0.25	2	±0.5	140
XHW-44AC	22	15	14000	4.7×10 ⁻⁵	6400	0.25	2	±0.6	173
XHW-56AC	28	37.5	11000	1.7×10 ⁻⁴	12000	0.3	2	±0.7	413
XHW-64AC	35	50	9800	3.3×10 ⁻⁴	15000	0.35	2	±0.9	563
XHW-79AC	42	100	7900	1.0×10 ⁻³	22000	0.5	2	±1.1	1173

*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.

⚠ Precautions for Use

- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → P.xxxx
- There are sizes where the hex socket head bolt exceeds the outer diameter of the coupling and the rotating diameter is larger than the outer diameter. Please be careful of the interference of coupling. → P.xxxx

- Part number specification

XHW-34AC-11T-10

1
2
3

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