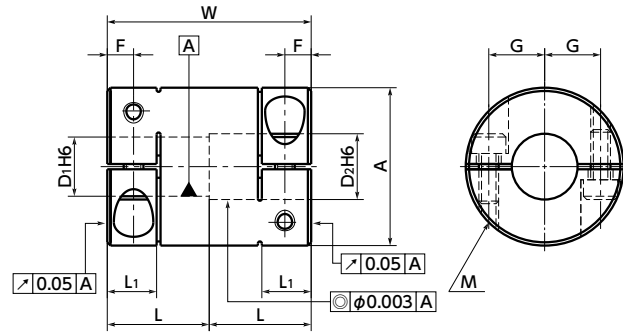


**XRP Rigid coupling - High precision - Clamping type**

WEB Selection Tool | WEB CAD Download | Zero Backlash | High Rigidity

XRP-C



**Dimensions**

Unit : mm

Part Number	A	L	L1	W	F	G	M	Screw Tightening Torque (N·m)
XRP-16C	16	10	5	20	2.6	5	M2	0.5
XRP-19C	19	13	6.5	26	3.5	6.25	M2.5	1
XRP-24C	24	15	7	30	3.75	7.75	M3	1.5
XRP-34C	34	20	8	40	4	12	M3	1.5
XRP-39C	39	24	10	48	5	14.5	M4	2.5

Part Number	Standard Bore Diameter D1・D2		
XRP-16C	5 - 5	5 - 6	6 - 6
XRP-19C	6 - 6	6 - 8	8 - 8
XRP-24C	8 - 8	8 - 10	10 - 10
XRP-34C	10 - 10	10 - 12	12 - 12
XRP-39C	12 - 12	12 - 14	15 - 15

- All products are provided with hex socket head cap screws.
- Recommended tolerance of applicable shaft diameter is h6.
- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → P.257

**Performance**

Part Number	Max. Bore Diameter (mm)	Rated torque*1 (N·m)	Max. torque*1 (N·m)	Max. Rotational Frequency (min <sup>-1</sup> )	Moment of Inertia*2 (kg·m <sup>2</sup> )	Mass*2 (g)
XRP-16C	6	1	2	39000	3.1×10 <sup>-7</sup>	9
XRP-19C	8	2.5	5	33000	8.0×10 <sup>-7</sup>	15
XRP-24C	10	4.5	9	26000	2.7×10 <sup>-6</sup>	32
XRP-34C	15	7.5	15	18000	1.4×10 <sup>-5</sup>	87
XRP-39C	18	10	20	16000	3.9×10 <sup>-5</sup>	140

\*1 Correction of rated torque and max. torque due to load fluctuation is not required.

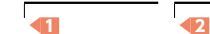
\*2 These are values with max. bore diameter.

- Comparison of rated torque  
Values of rated torque and max. torque for XRP have been changed. Usage under the condition of higher torque than before is allowed.

Part Number	Before Change		After Change	
	Rated torque (N·m)	Max. torque (N·m)	Rated torque (N·m)	Max. torque (N·m)
XRP-16C	0.6	1.2	1	2
XRP-19C	1.4	2.8	2.5	5
XRP-24C	2.3	4.6	4.5	9
XRP-34C	2.8	5.6	7.5	15
XRP-39C	4.7	9.4	10	20

- Part number specification

**XRP-24C-8-10**



Additional Keyway at Shaft Hole → P.788 | Cleanroom Wash & Packaging → P.792 | Change to Stainless Steel Screw → P.790  
Please feel free to contact us | Available / Add'l charge | Available / Add'l charge