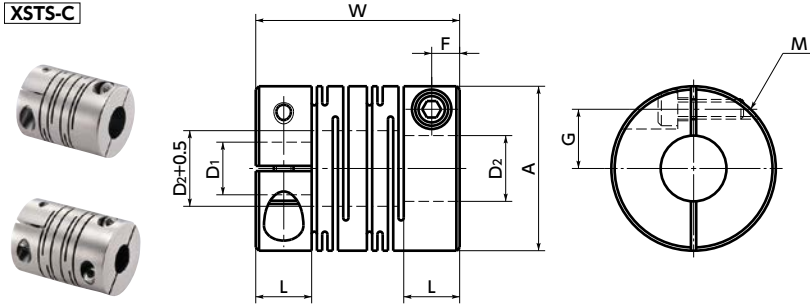


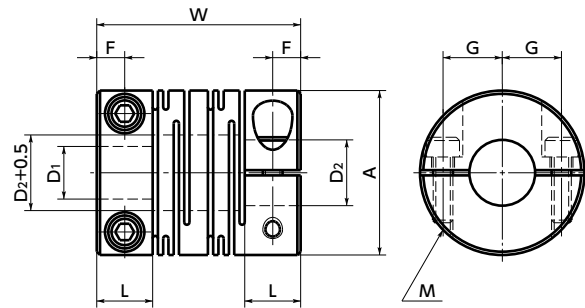
XSTS-C/XWSS-C Cleanroom / Vacuum / Heat Resistant Couplings - Slit Type (SUS316L) - Clamping Type

Zero Backlash Cleanroom Chemical-proof SUS Stainless steel

XSTS-C

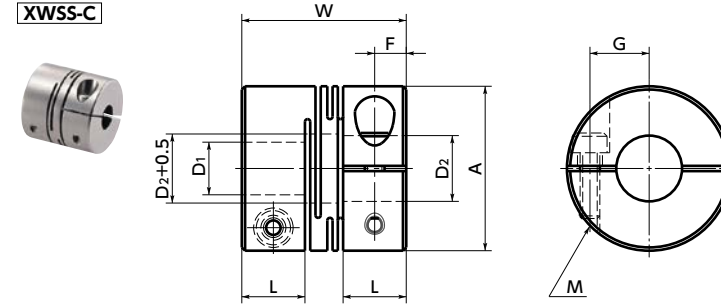


Outside diameter $\phi 25, \phi 32$



Outside diameter $\phi 40 - \phi 63$

XWSS-C



Dimensions

Unit : mm

Part Number	A	L	W	F	G	M	Screw Tightening Torque *1 (N·m)
XSTS-25C	25	8.5	31	4.25	9	M3	1.5
XSTS-32C	32	12	41	6	11	M4	2.5
XSTS-40C	40	17	56	8.5	14	M5	4
XSTS-50C	50	21	71	10.5	18	M6	8
XSTS-63C	63	26	90	13	24	M8	16
XWSS-25C	25	9.6	25	4.8	9	M3	1.5
XWSS-32C	32	12.6	32	6.3	11	M4	2.5

Part Number	Standard Bore Diameter D1/D2																
	5	6	8	10	11	12	14	15	16	18	19	20	22	24	25	28	30
XSTS-25C	●	●	●	●													
XSTS-32C			●	●	●	●	●										
XSTS-40C			●	●	●	●	●	●	●								
XSTS-50C					●	●	●	●	●	●	●	●	●				
XSTS-63C							●	●	●	●	●	●	●	●	●	●	●
XWSS-25C	●	●	●	●													
XWSS-32C			●	●	●	●	●										

- All products are provided with hex socket head cap screw.
 - Recommended tolerance for shaft diameters is h6 and h7.
 - For the shaft insertion amount to the coupling, see Mounting/maintenance.
- *1: This is a screw tightening torque when inserting a degreased shaft.

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. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass *2 (g)
XSTS-25C	10	2	25000	7.1×10^{-6}	330	0.15	2	±0.4	78
XSTS-32C	14	3.5	19000	2.7×10^{-5}	850	0.15	2	±0.5	170
XSTS-40C	18	8	15000	9.0×10^{-5}	1000	0.2	2	±0.5	370
XSTS-50C	22	15	12000	2.8×10^{-4}	1400	0.2	2	±0.5	750
XSTS-63C	30	35	10000	8.8×10^{-4}	1800	0.2	2	±0.5	1400
XWSS-25C	10	2	25000	6.3×10^{-6}	720		1	±0.2	69
XWSS-32C	14	3.5	19000	2.2×10^{-5}	1300		1	±0.2	150

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

*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

XWSS-25C-8-10

1 2

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 Cleanroom washed and packed Changed to the S.S. screw