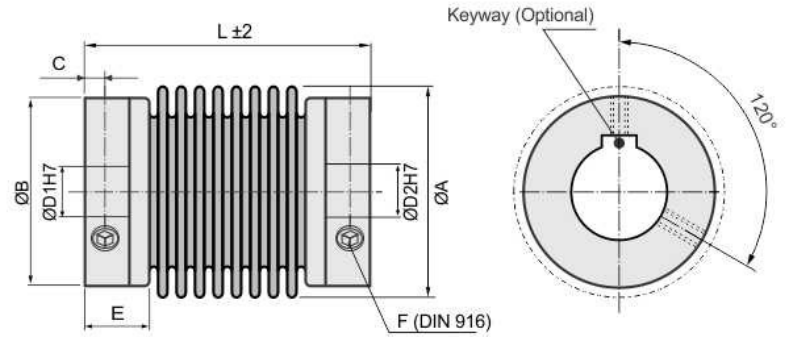


Metal Bellow Coupling

Set screw clamping (for Encoders and Stepper Motors)



	DIMENSIONS (mm)								TECHNICAL DATA							
	Rated Torque TKN (Nm)	Length (±1) L	Outer Ø Ø A	Bore (H7) min ~ max D1/D2	Hub Ø Ø B	Bolt Center Distance C	Hub Length E	Screw (DIN 912) TA (Nm) F	Mass (g)	Moment of Inertia J (g cm ²)	Spring Stiffness			Misalignment		
											torsional CT (Nm/rad)	radial CR (N/mm)	axial CA (N/mm)	radial DKr (mm)	axial DKa (mm)	angular DKw (°)
ONX1/1	0.1	23	10	2~4	10	2	6	M1.6	3	0.45	65	10	14	0.12	0.2	1.2
								0.1								
ONX1/5	0.5	19	15	3~8	13.5	2	6	M2	4	1.3	260	43	13	0.1	0.2	1
		23						4.5	1.5	200	18	10	0.15	0.3	1.5	
		27						5	1.6	160	9	8	0.2	0.4	2	
ONX1/10	1.0	21	15	3~8	13.5	2	6	M2	5.5	1.8	510	74	27	0.1	0.2	1
		25						6	2	380	31	20	0.15	0.3	1.5	
		29						7	2.3	310	16	16	0.2	0.4	2	
ONX1/15	1.5	26	19	3~12	19	3	8	M2.5	10	6	750	59	15	0.1	0.3	1.5
		30						12	7.4	700	20	9	0.15	0.4	2	
ONX1/20	2.0	22	24	3~14	21.5	3	6	M3	11	9.2	1500	67	12	0.15	0.3	1.5
		28						13	12.6	1300	21	11	0.2	0.4	1.5	
		32						15	13.5	1050	11	9	0.25	0.5	2	
ONX1/45	4.5	40	32	6~18	29	4	12	M4	44	68	6500	168	32	0.2	0.3	1.5
		48						3.5	50	79	4200	41	20	0.2	0.5	2
ONX1/100	10	45	40	6~24	36	4	12	M4	60	150	8100	120	27	0.15	0.4	1.5
		55						4.5	79	210	6800	29	17	0.3	0.6	2

ORDER CODE EXAMPLE

ONX 1 /45	-	40	-	10	k	-	10	k	-	H7	
Type / Size		Length (L)		Bore (ØD1)	Keyway Optional		Bore (ØD2)	Keyway Optional		Bore Tolerance	Custom Options

Material (Standard):
Bellows - Stainless Steel
Hubs - Aluminium

Speeds:
max. 15000 min⁻¹

Optional (Custom/Non Standard):
S - Stainless Steel Hub
K - Keyway (minimum bore 10)

Dimension : unit(mm)

Temperature Range:
-30° to +120°C (3.6F - 250F)