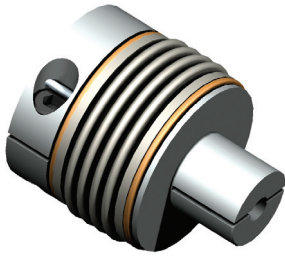


► KPS SERIES BELLOWS/SHAFT COUPLING



Major Features

- Bellows coupling with radial clamping hubs.
- Special plug-in design with EASY Clamp System for easy installation.
- Higher torsional stiffness and shorter overall length.
- Tightening only one screw per hub locks the coupling free of backlash.

Material

- Stainless steel bellow; aluminum hubs; steel shaft

Size KPS	Nominal Torque	Moment of Inertia	Torsion Resistance	Max. Lateral Misalignment	Mass	Screw Size Hub / Shaft	Torque to Tighten Screws Hub / Shaft	Outer Diameter	Length	Bore Range		Shaft Range	
	Nm (lb-in)	10 ⁻³ kgm ² (lb-in ²)	Nm/arcmin (lb-ft/Deg)	mm (inch)	kg (lbs)		Nm (lb-in)	mm (inch)	mm (inch)	min. mm (inch)	max. mm (inch)	min. mm (inch)	max. mm (inch)
KPS-2	2 (18)	0.01 (0.03)	0.4 (18)	0.1 (0.004)	0.03 (0.07)	M3	2 (18)	24.5 / 27.5 (0.965) / (1.083)	38 (1.496)	3 (0.118)	10 / 14 (0.394)/(0.551)	8 (0.315)	12 (0.472)
KPS-8	8 (71)	0.02 (0.07)	1.9 (84)	0.15 (0.006)	0.1 (0.22)	M5	8 (71)	39.5 / 44.5 (1.555) / (1.752)	61 (2.402)	6 (0.236)	19 / 21 (0.748)/(0.827)	13 (0.512)	18 (0.709)
KPS-20	20 (177)	0.13 (0.44)	7 (310)	0.2 (0.008)	0.3 (0.66)	M6	14 (124)	56 (2.205)	73 (2.874)	9 (0.354)	30 (1.181)	15 (0.591)	20 (0.787)
KPS-60	60 (531)	0.28 (0.96)	13 (576)	0.2 (0.008)	0.4 (0.88)	M8	35 (310)	66 (2.598)	78 (3.071)	18 (0.709)	34 (1.339)	20 (0.787)	28 (1.102)
KPS-170	170 (1505)	0.94 (3.21)	27 (1196)	0.2 (0.008)	0.8 (1.76)	M10	65 (575)	82 (3.228)	92 (3.622)	22 (0.866)	43 (1.693)	25 (0.984)	32 (1.260)
KPS-400	400 (3540)	1.95 (6.66)	64 (2834)	0.2 (0.008)	1.4 (3.09)	M12	115 (1018)	101 (3.976)	102 (4.016)	34 (1.339)	55 (2.165)	30 (1.181)	38 (1.496)
KPS-600	600 (5310)	4.1 (14.01)	107 (4738)	0.2 (0.008)	2.6 (5.73)	M14/M12	185/115 (1637/1018)	122 (4.803)	118 (4.646)	35 (1.378)	70 (2.756)	35 (1.378)	48 (1.890)

Coupling must be selected so nominal torque is higher than highest operational torque of the application (i.e., during acceleration).
Bore diameters smaller than the minimum are possible but reliable transmission of nominal torque cannot be guaranteed.