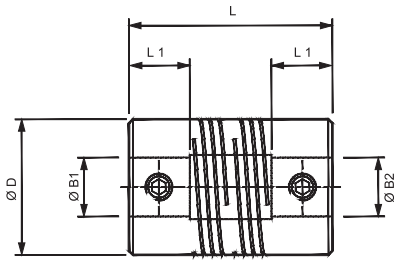


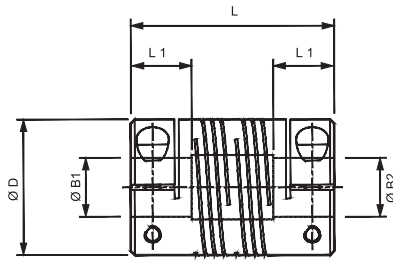
Multi-Beam

Aluminium Multi-Helix Flexible 6 Beam Couplings

Set Screw Hubs



Clamp Hubs



Materials & Finishes

Couplings: Aluminium L168 or better
Fasteners: Alloy steel, black oiled

Temperature Range

-40°F to +284°F
 (-40°C to +120°C)

6-BEAM COUPLINGS: DIMENSIONS & ORDER CODES

Coupling Type & Size	Set Screw Style	Clamp Type	ØD in. (mm)	L in. (mm)	① L1 in. (mm)	Bore Diameters			Mass kgx10 ⁻³	Fasteners				② Angular Offset Deg.	② Parallel Offset mm	④ Torsional Stiffness Nm/rad	③ Peak Torque lb.in (Nm)
	COUPLING REF					Min B1	Min B2	Max B1 & B2		Set Screw	Cap Screw	Torque lbs.-in. (Nm)	Wrench in. (mm)				
Relieved	09	726.09 — 727.09	0.4 (9.5)	0.77 (19.6)	0.21 (5.3)	2.0	3.0	4.76	2.5	M2.5	-	4.87 (0.55)	0.51 (1.3)	3.0	.002 (0.12)	0.9	5.31 (0.6)
	13	726.13 — 727.13	0.5 (12.7)	.09 (22.9)	0.26 (6.5)	3.0	4.0	6.35	5.0	M3	-	8.0 (0.90)	0.59 (1.5)	5.0	.007 (0.17)	7.0	11.5 (1.3)
		726.16 — 727.16	0.63 (15.9)	1.00 (25.4)	0.26 (6.5)	3.0	4.0	8	8.6	M4	-	19.5 (2.2)	0.59 (1.5)	5.0	.008 (0.2)	13.5	17.7 (2.0)
	19	726.19 — 727.19	0.75 (19.1)	1.04 (26.5)	0.26 (6.5)	4.76	5.0	10	12.4	M4	-	19.5 (2.2)	.098 (2.5)	7.0	0.01 (0.25)	23.0	26.6 (3.0)
		726.25 — 727.25	1.00 (25.4)	1.50 (38.1)	0.43 (11.0)	5.0	6.0	12.7	35.0	M5	-	40.7 (4.6)	.098 (2.5)	7.0	.015 (0.38)	54	44.25 (5.0)
	32	726.32 — 727.32	1.25 (31.8)	2.25 (57.2)	0.63 (16.0)	8.0	9.53	19.0	84.0	M6	-	67.3 (7.6)	0.12 (3.0)	7.0	0.02 (0.5)	112	61.96 (7.0)
		726.38 — 727.38	1.25 (38.1)	2.63 (66.7)	0.71 (18.0)	8.0	12.0	22.0	140	M6	-	67.3 (7.6)	0.12 (3.0)	7.0	.024 (0.6)	157	97.36 (11.0)
	44	726.44 — 727.44	1.75 (44.5)	3.00 (76.2)	0.79 (20.0)	9.0	14.0	25.0	218	M6	-	67.3 (7.6)	0.11 (3.0)	7.0	.031 (0.8)	229	132.7 (15.0)
		726.51 — 727.51	2.00 (50.8)	3.75 (95.3)	0.98 (25.0)	10.0	16.0	28.0	348	M8	-	159 (18)	0.16 (4.0)	7.0	0.35 (0.9)	333	177.0 (20.0)
	57	726.57 — 727.57	2.25 (57.2)	5.12 (130)	1.26 (32.0)	10.0	20.0	32.0	593	M8	-	159 (18)	0.16 (4.0)	7.0	.037 (0.95)	459	247.8 (28.0)
		726.64 — 727.64	2.5 (63.5)	5.91 (150)	1.5 (38.0)	12.0	25.0	38.0	1198	M8	-	159 (18)	0.16 (4.0)	7.0	0.39 (1.0)	560	336.6 (38.0)

① Length of supported bore.

③ **Peak torque.** Select a size where Peak Torque exceeds the application torque x service factor. (see page 4)

② Max. compensation values are mutually exclusive. ④ Torsional Stiffness values based on maximum bores, for smaller bore combinations the values are nearer the non-relieved type.

BORE SIZES 6-BEAM COUPLINGS, RELIEVED

○ B1 only ● B1 & B2 Sizes indicated in parenthesis are metric (mm).

Coupling Size	ØB1, ØB2 +0.0012/ -0 (+0.03mm/-0mm)																												
	(2)	(3)	1/8"	(4)	3/16"	(5)	(6)	1/4"	(8)	3/8"	(10)	(12)	1/2"	(14)	5/8"	(16)	(18)	(19)	3/4"	(20)	(24)	(25)	1"	(28)	(30)	1 1/4"	(32)		
9	○	●	●	●																									
13		○	○	●	●	●	●	●																					
16		○	○	●	●	●	●	●	●																				
19				○	●	●	●	●	●	●																			
25					○	●	●	●	●	●	●																		
32								○	●	●	●	●	●	●	●														
38								○	●	●	●	●	●	●	●	●	●	●	●	●	●								
44									○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
51										○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
57											○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
64												○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Bore ref.	11	14	16	18	19	20	22	24	28	31	32	35	36	38	41	42	45	46	47	48	51	52	53	54	56	57	58		