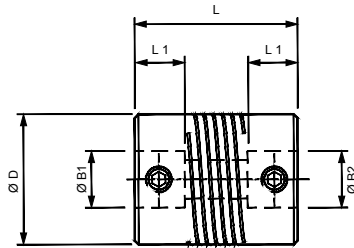




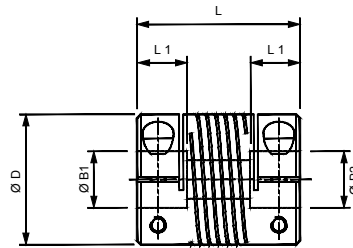
Multi-Beam

Aluminum Multi-Helix Flexible 3 Beam Couplings - Non-Relieved

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)

NON-CATALOG ITEM

3-BEAM COUPLINGS: DIMENSIONS & ORDER CODES

Coupling Type & Size	Set Screw Style	Clamp Type	ØD in. (mm)	L in. (mm)	L1 in. (mm)	Bore Diameters			Mass kgx10 ⁻³	Fasteners				Angular Offset Deg.	Parallel Offset mm	Torsional Stiffness Nm/rad	Peak Torque lb.in (Nm)
						Min B1	Min B2	Max B1 & B2		Set Screw	Cap Screw	Torque lbs.-in. (Nm)	Wrench in. (mm)				
Non-Relieved	9	704.09 - 705.09	.37 (9.5)	.56 (14.2)	.18 (4.5)	2.0	3.18	4.76	2.2	M2.5	-	4.87 (0.55)	.051 (1.3) .059 (1.5)	3.0	.004 (0.1)	5.4	354.02 (0.40)
	13	704.13 - 705.13	0.5 (12.7)	.75 (19.1)	.24 (6.0)	3.0	4.76	6.35	5.0	M3	-	8.0 (0.90)	.059 (1.5) .059 (1.5)	5.0	.005 (.127)	28.0	796.57 (0.90)
		704.16 - 705.16	.63 (15.9)	.80 (20.3)	.26 (6.5)	3.0	5.0	8.0	8.2	M4	-	19.5 (2.2)	.079 (2.0) .079 (2.0)	5.0	.005 (.127)	38.0	13.28 (1.50)
	19	704.19 - 705.19	.75 (19.1)	.90 (22.9)	.26 (6.5)	4.0	6.0	10.0	12.8	M4	-	19.5 (2.2)	.079 (2.0) .079 (2.0)	5.0	.005 (.127)	65.0	22.13 (2.50)
		704.25 - 705.25	1.0 (25.4)	1.25 (31.8)	.35 (9.0)	5.0	8.0	12.7	32.6	M5	-	40.7 (4.6)	.098 (2.5) .098 (2.5)	5.0	.005 (.127)	121	35.4 (4.0)
	32	704.32 - 705.32	1.25 (31.8)	1.75 (44.5)	.47 (12.0)	6.0	9.53	16.0	70	M6	-	67.3 (7.6)	0.12 (3.0) 0.12 (3.0)	5.0	.005 (.127)	238	53.1 (8.0)

① Length of supported bore.

③ **Peak torque.** Select a size where Peak Torque exceeds the application torque x service factor. (See main catalog, P-7293-HD, page 4)

② Max. compensation values are mutually exclusive.

BORE SIZES 3-BEAM COUPLINGS - NON-RELIEVED

Sizes indicated in parenthesis are metric (mm).

Coupling Size	ØB1, ØB2 +0.0012/-0 (+0.03mm/-0mm)																		
	(1)	(2)	(3)	1/8"	(4)	3/16"	(5)	(6)	1/4"	(8)	3/8"	(10)	(12)	1/2"	(14)	(15)	5/8"	(16)	
9		○	○	●	●	●													
13			○	○	○	●	●	●	●										
16			○	○	○	○	●	●	●	●									
19					○	○	○	●	●	●	●	●							
25						○	○	○	○	●	●	●	●	●					
32							○	○	○	○	○	○	○	○	○	○	○	○	○
Bore ref.	8	11	14	16	18	19	20	22	24	28	31	32	35	36	38	40	41	42	

○ B1 only ● B1 & B2