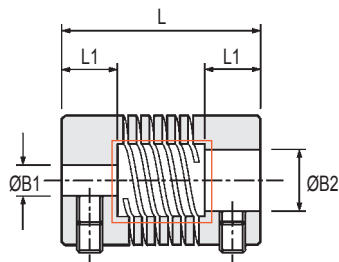
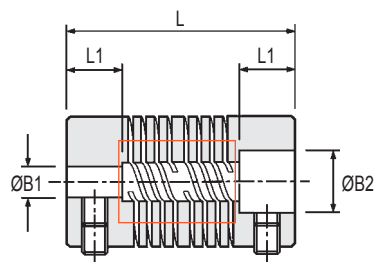


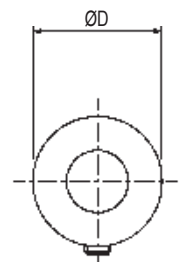
Set screw hubs



Ref. 724
3-Beam Relieved

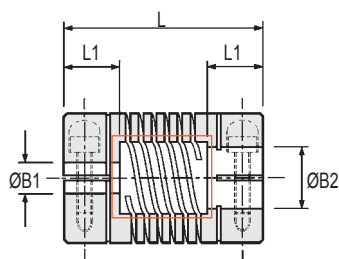


Ref. 706 : 6-Beam Non-Relieved
Ref. 726 : 6-Beam Relieved

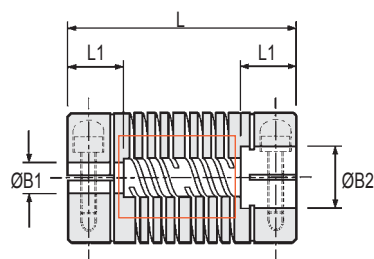


Typical

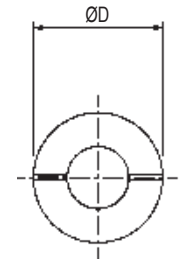
Clamp hubs



Ref. 725
3-Beam Relieved



Ref. 707 : 6-Beam Non-Relieved
Ref. 727 : 6-Beam Relieved



Typical

3-BEAM COUPLERS: DIMENSIONS & ORDER CODES

Coupler Type & Size	Set Screw Style	Clamp Style	ØD	L	1 L1	Bore Diameters			Set Screw	Cap Screw	2Angular Offset Deg.	2Parallel Offset mm	3Peak Torque Nm	
	COUPLER REF					Min B1	Min B2	Max B1 & B2						
Relieved	06	724.06	–	6.4	12.7	3.2	1.0	2.0	3.0	M2	–	3	0.07	0.40
	09	724.09	–	9.5	14.2	4.5	2.0	3.0	3.18	M2.5	M1.6		0.1	
		–	725.09											
	13	724.13	–	12.7	19.1	6.0	3.0	4.0	5.0	M3	M2	5	0.127	0.90
		–	725.13											
	16	724.16	–	15.9	20.3	6.5	4.0	4.76	8.0	M4	M2.5			1.50
		–	725.16											
	19	724.19	–	19.1	22.9	4.0	4.76	8.0	M4	M2.5	2.50			
		–	725.19											
	25	724.25	–	25.4	31.8	9.0	5.0	6.0	10.0	M5	M3			4.0
		–	725.25											
	32	724.32	–	31.8	44.5	12.0	6.0	8.0	14.0	M6	M4			6.0
		–	725.32											

Materials

Couplers:
Aluminium L168 or better

Fasteners:
Alloy steel, black oiled

Temperature Range
–40°C to +120°C

All 3-beam couplers are in relieved form as standard.
See above drawings.

BORE SIZES

Coupler	ØB1, ØB2 +0.03/-0mm														
Size	1	2	3	3.175	4	4.763	5	6	6.350	8	9.525	10	12	12.700	14
06	○	●	●												
09		○	●	●											
13			○	○	●	●	●								
16			○	○	●	●	●	●	●						
19					○	●	●	●	●	●					
25							○	●	●	●	●	●			
32								○	○	●	●	●	●	●	●
Bore ref.	08	11	14	16	18	19	20	22	26	28	31	32	35	36	38

HOW TO ORDER

Combine the COUPLER REF in Dimensions & Order Codes Table with BORE REFS in Bore Sizes Table. Please identify both bores e.g.

724.16.1924

Coupler ref.
Ø B1 ref.
Ø B2 ref.

○ B1 only ● B1 & B2

6-BEAM COUPLERS: DIMENSIONS & ORDER CODES

Coupler Type & Size		Set Screw Style	Clamp Style	ØD	L	1 L1	Bore Diameters			Set Screw	Cap Screw	2 Angular Offset Deg.	2 Parallel Offset mm	3 Peak Torque Nm													
		COUPLER REF					Min B1	Min B2	Max B1 & B2																		
Non-Relieved	09	706.09 —	— 707.09	9.5	19.6	5.3	2.0	4.0	4.76	M2.5	M1.6	3	0.12	1.0													
	13	706.13 —	— 707.13	12.7	22.9	6.5	3.0	5.0	6.35	M3	M2	5	0.17	2.0													
		706.16 —	— 707.16	15.9	25.4			6.0	8.0	M4	M2.5		0.2	3.4													
	19	706.19 —	— 707.19	19.1	26.5		4.76	6.35	10.0			M6	M5	7	0.25	5.3											
		706.25 —	— 707.25	25.4	38.1		11.0	5.0	8.0	12.7	M5				M3	0.38	10.0										
	32	706.32 —	— 707.32	31.8	57.2	16.0	8.0	10.0	19.0 16.0	M4	7		0.5		15.0												
		38	706.38 —	— 707.38	38.1				66.7				18.0		12.0	22.0 19.0	M5	0.6	22.0								
	44		706.44 —	— 707.44	44.5	76.2		20.0	9.0	14.0						25.0 22.0		M8	M6	7	0.8	30.0					
		51	706.51 —	— 707.51	50.8	95.3							25.0		10.0	16.0	28.0 26.0				M8	M6	7	0.9	40.0		
	57		706.57 —	— 707.57	57.2	130.0	32.0	20.0	32.0 30.0	M8							M6							7	0.95	55.0	
		64	706.64 —	— 707.64	63.5	150.0			38.0				12.0			25.0									38.0 36.0	M8	M6
	—		—	—	—	—	—	—				—		—											—		
	Relieved	09	726.09 —	— 727.09	9.5	19.6	5.3	2.0	3.0			4.76	M2.5	M1.6	3	0.12									0.6		
		13	726.13 —	— 727.13	12.7	22.9	6.5	3.0	4.0		6.35	M3	M2	5	0.17	1.3											
			726.16 —	— 727.16	15.9	25.4					8.0	M4	M2.5		7	0.2									2.0		
		19	726.19 —	— 727.19	19.1	26.5		4.76	5.0		10.0			M6		M5		7	0.25	3.0							
726.25 —			— 727.25	25.4	38.1	11.0		5.0	6.0		12.7	M5	M3		0.38				5.0								
32		726.32 —	— 727.32	31.8	57.2	16.0	8.0	9.53	19.0 16.0	M4	7	0.5	7.0														
		38	726.38 —	— 727.38	38.1				66.7			18.0	12.0		22.0 19.0	M5	0.6		11.0								
44			726.44 —	— 727.44	44.5	76.2		20.0	9.0	14.0					25.0 22.0		M8		M6	7	0.8	15.0					
		51	726.51 —	— 727.51	50.8	95.3						25.0	10.0		16.0	28.0 26.0					M8	M6	7	0.9	20.0		
57			726.57 —	— 727.57	57.2	130.0	32.0	20.0	32.0 30.0	M8						M6								7	0.95	28.0	
		64	726.64 —	— 727.64	63.5	150.0			38.0			12.0			25.0										38.0 36.0	M8	M6
—			—	—	—	—	—	—						—				—							—		

Materials**Couplers:**

Aluminium L168 or better

Fasteners:

Alloy steel, black oiled

Temperature Range

-40°C to +120°C

1. Length of supported bore.

2. Max. compensation values are mutually exclusive.

3. **Peak torque.** Select a size where Peak Torque exceeds the application torque x service factor.4. **6-beam couplers only.**For applications where drive and driven shafts have minimal end-clearance, *relieved* version must be specified.

SERVICE FACTORS

Nature of load	Factor
Uni-directional - steady load	1
Uni-directional - stop/start	1.5
Reversing load	2

If either shaft extends beneath the beams, the area shown in red must be **relieved** to provide clearance under the flexure.

HOW TO ORDER

Combine the COUPLER REF in Dimensions & Order Codes Table with BORE REFS in Bore Sizes Table. Please identify both bores e.g.

706.19.1924

Coupler ref.

Ø B1 ref.

Ø B2 ref.

BORE SIZES

NON-RELIEVED

RELIEVED

Coupler Size	ØB1, ØB2 +0.03/-0mm															
	2	3	3.175	4	4.763	5	6	6.350	8	9.525	10	12	12.700	14	15.875	16
09	○	○	○	●	●											
13		○	○	○	○	●	●	●								
16		○	○	○	○	○	●	●	●							
19					○	○	○	○	●	●	●					
25						○	○	○	○	○	○	●	●	●		
32									○	○	○	○	○	○	○	○
Sizes 38 - 64 Manufactured to order only. Please enquire.																
Bore ref.	11	14	16	18	19	20	22	24	28	31	32	35	36	38	41	42
○ B1 only ● B1 & B2																

Coupler Size	ØB1, ØB2 +0.03/-0mm															
	2	3	3.175	4	4.763	5	6	6.350	8	9.525	10	12	12.700	14	15.875	16
09	○	●	●	●	●	●	●	●								
13		○	○	●	●	●	●	●								
16		○	○	●	●	●	●	●	●							
19				○	○	○	○	○	○	○	○	○	○	○	○	○
25					○	○	○	○	○	○	○	○	○	○	○	○
32									○	○	○	○	○	○	○	○
Sizes 38 - 64 Manufactured to order only. Please enquire.																
Bore ref.	11	14	16	18	19	20	22	24	28	31	32	35	36	38	41	42