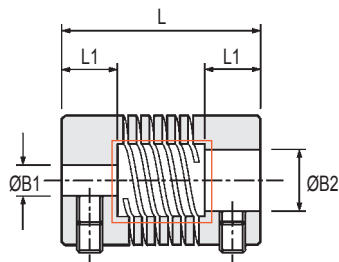
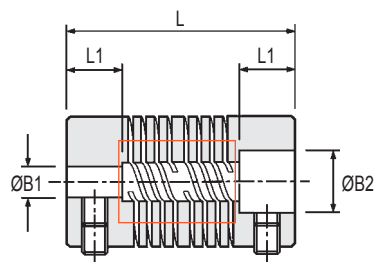


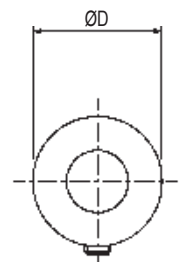
Set screw hubs



Ref. 724
3-Beam Relieved

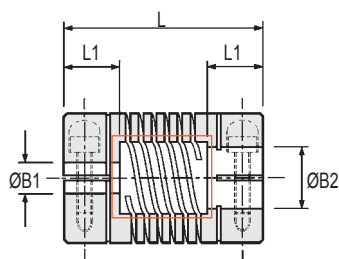


Ref. 706 : 6-Beam Non-Relieved
Ref. 726 : 6-Beam Relieved

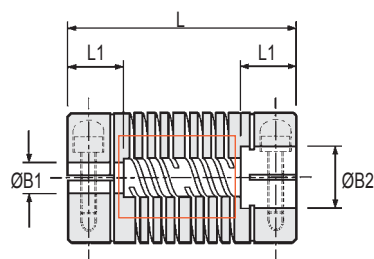


Typical

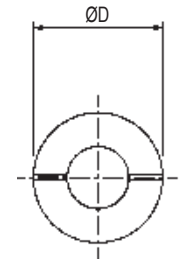
Clamp hubs



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	9.0	5.0	6.0	10.0	M5	M3			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. 724
Ø B1 ref. 16
Ø B2 ref. 19

○ 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 —	9.5	19.6	5.3	2.0	4.0	4.76	M2.5	M1.6	3	0.12	1.0
		707.09											
	13	706.13 —	12.7	22.9	6.5	3.0	5.0	6.35	M3	M2	5	0.17	2.0
		707.13											
	16	706.16 —	15.9	25.4			6.0	8.0	M4	M2.5		0.2	3.4
		707.16											
	19	706.19 —	19.1	26.5	4.76	6.35	10.0	M5	M3	0.25	5.3		
		707.19											
	25	706.25 —	25.4	38.1	11.0	5.0	8.0	12.7	M5	M3	0.38	10.0	
		707.25											
	32	706.32 —	31.8	57.2	16.0	8.0	10.0	19.0	M4	0.5	15.0		
		707.32						16.0					
	38	706.38 —	38.1	66.7	18.0		12.0	22.0	M6	M5	0.6	22.0	
		707.38						19.0					
	44	706.44 —	44.5	76.2	20.0	9.0	14.0	25.0	M6	0.8	30.0		
		707.44						22.0					
51	706.51 —	50.8	95.3	25.0	10.0	16.0	28.0	M8	M6	0.9	40.0		
	707.51						26.0						
57	706.57 —	57.2	130.0	32.0		20.0	32.0			M8	0.95	55.0	
	707.57						30.0						
64	706.64 —	63.5	150.0	38.0	12.0	25.0	38.0	M8	1.0	75.0			
	707.64						36.0						
Relieved	09	726.09 —	9.5	19.6	5.3	2.0	3.0	4.76	M2.5	M1.6	3	0.12	0.6
		727.09											
	13	726.13 —	12.7	22.9	6.5	3.0	4.0	6.35	M3	M2	5	0.17	1.3
		727.13											
	16	726.16 —	15.9	25.4			8.0	M4	M2.5	0.2		2.0	
		727.16											
	19	726.19 —	19.1	26.5	4.76	5.0	10.0	M5	M3	0.25	3.0		
		727.19											
	25	726.25 —	25.4	38.1	11.0	5.0	6.0	12.7	M5	M3	0.38	5.0	
		727.25											
	32	726.32 —	31.8	57.2	16.0	8.0	9.53	19.0	M6	M4	0.5	7.0	
		727.32						16.0					
	38	726.38 —	38.1	66.7	18.0		12.0	22.0	M6	M5	0.6	11.0	
		727.38						19.0					
	44	726.44 —	44.5	76.2	20.0	9.0	14.0	25.0	M8	M6	0.8	15.0	
		727.44						22.0					
51	726.51 —	50.8	95.3	25.0	10.0	16.0	28.0	M8			M6	0.9	20.0
	727.51						26.0						
57	726.57 —	57.2	130.0	32.0		20.0	32.0		M8	0.95		28.0	
	727.57						30.0						
64	726.64 —	63.5	150.0	38.0	12.0	25.0	38.0	M8	1.0	38.0			
	727.64						36.0						

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

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																

NON-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

RELIEVED