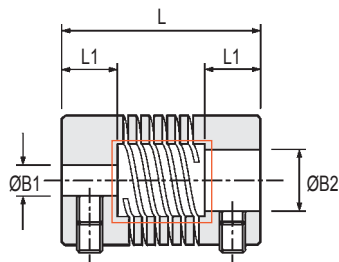
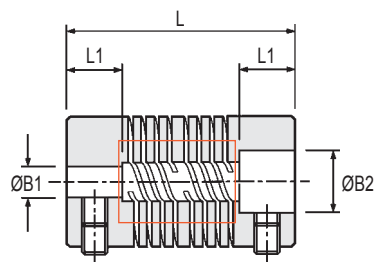


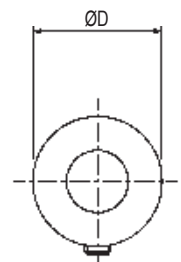
Set screw hubs



Ref. 724
3-Beam Relieved

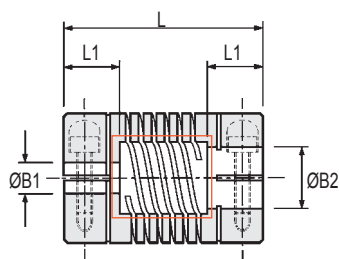


Ref. 706 : 6-Beam Non-Relieved
Ref. 726 : 6-Beam Relieved

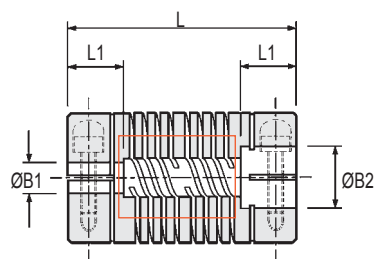


Typical

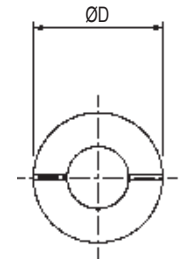
Clamp hubs



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	² Angular Offset Deg.	² Parallel Offset mm	³ Peak 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.
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	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	M4	M2.5	0.25	5.3		
	—	707.19	—											
	25	706.25	—	25.4	38.1	11.0	5.0	8.0	12.7	M5	M3	7	0.38	10.0
	—	707.25	—											
	32	706.32	—	31.8	57.2	16.0	8.0	10.0	19.0	M6	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	M5	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	M6	0.95	55.0	
	—	707.57	—						30.0					
	64	706.64	—	63.5	150.0	38.0	12.0	25.0	38.0	M8	M8	1.0	75.0	
	—	707.64	—						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.

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									
	—	727.16	—	—	—									
	19	726.19	—	19.1	26.5	6.5	4.76	5.0	10.0	M4	M2.5	7	0.25	3.0
	—	727.19	—	—	—									
	25	726.25	—	25.4	38.1									
	—	727.25	—	—	—									
	32	726.32	—	31.8	57.2	8.0	9.53	19.0	16.0	M4	M5	7	0.5	7.0
	—	727.32	—	—	—									
	38	726.38	—	38.1	66.7									
	—	727.38	—	—	—									
	44	726.44	—	44.5	76.2	9.0	14.0	25.0	22.0	M6	M5	7	0.6	11.0
	—	727.44	—	—	—									
	51	726.51	—	50.8	95.3	10.0	16.0	28.0	26.0	M8	M6	7	0.9	20.0
	—	727.51	—	—	—									
	57	726.57	—	57.2	130.0									
	—	727.57	—	—	—									
	64	726.64	—	63.5	150.0	12.0	25.0	38.0	36.0	M8	M8	7	0.95	28.0
	—	727.64	—	—	—									
	—	727.64	—	—	—									

BORE SIZES

NON-RELIEVED

RELIEVED

Coupler Size	ØB1, ØB2 +0.03/-0mm															
09	2	3	3.175	4	4.763	5	6	6.350	8	9.525	10	12	12.700	14	15.875	16
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															
09	2	3	3.175	4	4.763	5	6	6.350	8	9.525	10	12	12.700	14	15.875	16
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																