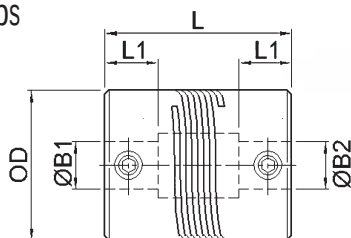


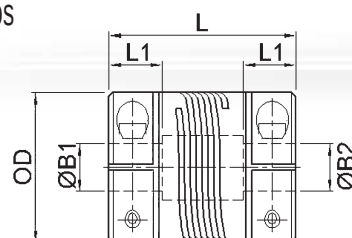
S-Beam Single Helix Beam Couplings - Stainless Steel



Set Screw Hubs



Clamp Hubs



DIMENSIONS & ORDER CODES

Size	Set Screw Style	Clamp Style	Dimensions							Fasteners			
	Order Code		O.D.	O/A Length L	Bore Depth L1	Min B1	Min B2	Max B1 & B2	Mass kg x 10 ⁻³	Set Screw	Cap Screw	Torque (Nm)	A/F (mm)
16	820.16	-	15.9	20	6.0	3	4	6.35	25.6	M4	-	1.05	2.0
	-	821.16		22	6.5				26.0	-	M2.5	0.68	2.0
19	820.19	-	19.1	20	6.0	4	4.76	8	35.8	M4	-	1.05	2.0
	-	821.19		28	8.0				47.7	-	M2.5	0.68	2.0
25	820.25	-	25.4	24	7.5	5	6	10	78	M5	-	2.10	2.5
	-	821.25		30	10.0				91	-	M3	1.20	2.5
32	820.32	-	31.8	30	10.0	6	8	16	152	M6	-	3.75	3.0
	-	821.32		38	12.0				186	-	M4	2.85	3.0
38	820.38	-	38.1	50	16.0	8	12	19	365	M6	-	3.75	3.0
	-	821.38		50	16.0				350	-	M5	5.85	4.0
50	820.50	-	50.8	54	18.0	10	16	26	680	M8	-	9.00	4.0
	-	821.50		54	18.0				660	-	M6	9.75	5.0

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PERFORMANCE

Size	Peak Torque (Nm)	Max misalignment compensation			Nominal stiffness at std. bore size	
		Angular deg	Radial mm	Axial mm	Bore	Torsional Nm/rad
16	1.2	5	0.25	0.25	5	16
19	2.3	5	0.25	0.25	6	33
25	4.3	5	0.25	0.25	10	45
32	7.8	5	0.25	0.25	12	84
38	20	5	0.25	0.25	16	195
50	30	5	0.25	0.25	20	320

Materials & Finishes

Couplings: Stainless Steel 303 S31

Fasteners: Stainless Steel

Temperature Range

-40°C to +140°C

AVAILABLE BORES

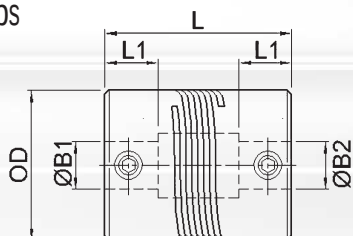
Size	+0.03/-0mm																					
	3	3.175	4	4.763	5	6	6.350	7.938	8	9	9.525	10	12	12.700	14	15	15.875	16	19.050	20	24	25
16	○	○	●	●	●	●	●															
19			○	●	●	●	●		●													
25					○	●	●	●	●	●	●	●										
32						○	○	●	●	●	●	●	●	●	●	●	●					
38											●	●	●	●	●	●	●	●				
50														●	●	●	●	●	●	●	●	●
Bore Ref	14	16	18	19	20	22	24	27	28	30	31	32	35	36	38	40	41	42	47	48	52	53

○ B1 only ● B1 & B2

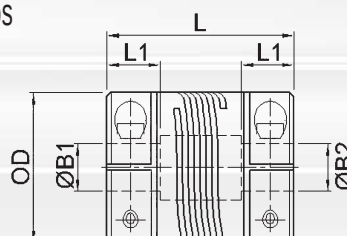
S-Beam Single Helix Beam Couplings - Aluminium



Set Screw Hubs



Clamp Hubs



DIMENSIONS & ORDER CODES

Size	Set Screw Style	Clamp Style	Dimensions							Fasteners			
	Order Code		O.D.	O/A Length L	Bore Depth L1	Min B1	Min B2	Max B1 & B2	Mass kg x 10 ⁻³	Set Screw	Cap Screw	Torque (Nm)	A/F (mm)
16	826.16	-	15.9	20	6.0	3	4	6.35	8.8	M4	-	2.27	2.0
	-	827.16		22	6.5					-	M2.5	1.32	2.0
19	826.19	-	19.1	20	6.0	4	4.76	8	13.1	M4	-	2.27	2.0
	-	827.19		28	8.0					-	M2.5	1.32	2.0
25	826.25	-	25.4	24	7.5	5	6	10	28	M5	-	4.62	2.5
	-	827.25		30	10.0					-	M3	2.43	2.5
32	826.32	-	31.8	30	10.0	6	8	16	55	M6	-	7.61	3.0
	-	827.32		38	12.0					-	M4	5.66	3.0
38	826.38	-	38.1	50	16.0	8	12	19	127	M6	-	7.61	3.0
	-	827.38		50	16.0					-	M5	11.40	4.0
50	826.50	-	50.8	54	18.0	10	16	26	241	M8	-	18.36	4.0
	-	827.50		54	18.0					-	M6	19.34	5.0

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PERFORMANCE

Size	Peak Torque (Nm)	Max misalignment compensation			Nominal stiffness at std. bore size	
		Angular deg	Radial mm	Axial mm	Bore	Torsional Nm/rad
16	0.6	5	0.25	0.25	5	6
19	1.1	5	0.25	0.25	6	12
25	2.2	5	0.25	0.25	10	17
32	4.1	5	0.25	0.25	12	32
38	10	5	0.25	0.25	16	70
50	15	5	0.25	0.25	20	119

Materials & Finishes

Couplings: Aluminium L 168 or better

Fasteners: Alloy steel, black oiled

Temperature Range

-40°C to +120°C

AVAILABLE BORES

Size	+0.03/-0mm																					
	3	3.175	4	4.763	5	6	6.350	7.938	8	9	9.525	10	12	12.700	14	15	15.875	16	19.050	20	24	25
16	○	○	●	●	●	●	●															
19			○	●	●	●	●		●													
25					○	●	●	●	●	●	●	●										
32						○	○	●	●	●	●	●	●	●	●	●	●					
38											●	●	●	●	●	●	●	●				
50														●	●	●	●	●	●	●	●	●
Bore Ref	14	16	18	19	20	22	24	27	28	30	31	32	35	36	38	40	41	42	47	48	52	53

○ B1 only ● B1 & B2