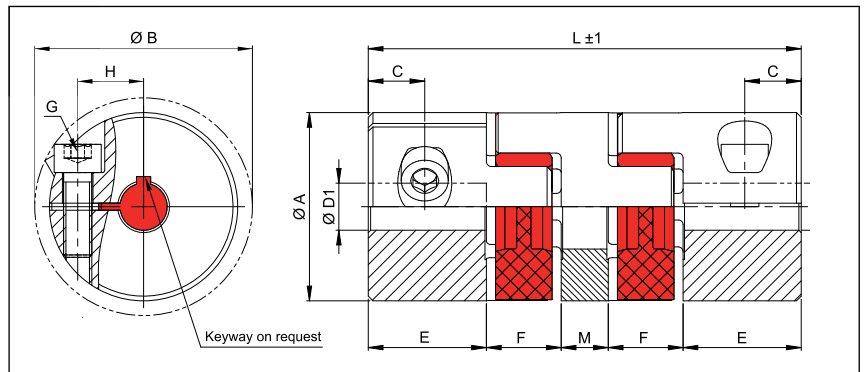


Servo Insert Coupling
doublecardanic with collet clamps

KBE2D



optional full
stainless steel
version



Order Code

KBE2D - 14 - 10 - 12 - 98Sh

Type Size ØD1 (H7) ØD2 (H7) Shore-hardness

Size	Dimensions (mm)										Technical Data			Torque (Nm)			
	ØA Outer Ø	L Length	Ø D1-D2 Bore Sizes (H7) min-max	E	F	H	C1/C2	Ø B	G Screw (ISO4762) TA (Nm)	M	max. speed rpm. (1/min)	Mass (per coupling) (g)	Moment of Inertia J (per coupling) (g m²)	64 ShoreD (green)	98 ShoreA (red)	92 ShoreA (yellow)	80 ShoreA (blue)
7	14	34	4-7	7	7.5	5	4	16.5	M2 0.43	5	27000	5	0002	2.4	2	1.2	0.7
9	20	45	4-11	10	10	7	5	22.5	M2.5 0.85	5	19000	32	0.002	6	5	3	1.8
12	25	52	4-12	11	12	9	5	27.5	M3 2	6	16000	51	0.00459	12	9	5	3
14	30	56	4-16	11	13	11.5	5.5	33	M3 2	8	13000	77	0.010	16	12.5	7.5	4
19	40	92	10-23/25*	25	16	14/16*	8.5/10	46.3	M6/M4* 15	10	10000	232	0.056	26	21	12	6
24	55	112	15-32	30	18	20	12	56.6	M6 15	16	7000	534	0.188	75	60	35	17
28	65	128	19-38	35	20	23.5	13	70.2	M8 40	18	6000	844	0.507	200	160	95	46
38	80	158	20-48	45	24	29	16	82.5	M8 40	20	5000	1580	1.489	405	325	190	x
42	95	174	25-50	50.5	26.5	32	18	95	M10 84	20	4000	2270	3.144	560	450	265	x
48	105	192	25-62	56	28	38	21	107.4	M12 145	24	3000	2970	5.117	655	525	310	x

Transmittable torque (Nm) depending on shaft diameter (mm)

Size	4	5	6	7	8	9	10	11	12	14	15	16	19	20	22	24	25	28	30	32	35	38	40	42	45
7	1.3	1.4	1.5	1.6																					
9	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2																	
12	6.3	6.6	6.9	7.2	7.4	7.7	8.0	8.3	8.6																
14	7.7	8.0	8.3	8.6	8.9	9.2	9.4	9.7	10	10.6	10.9	11.2													
19							44	45	47	49	50	51	55	56	58										
24											64	65	69	70	72	74	76	79	81	84					
28													114	116	119	123	124	130	133	137	142				
38														135	138	142	144	149	152	156	161	166	169	173	178
42																	294	304	310	317	327	337	343	350	360
48																	476	497	500	510	524	539	548	558	572

Material
Hub

hub - aluminium
spider element - polyurethane
bore tolerance: H7
optional acc. DIN 6885

Keyway

* Hubs for bores > 22H7 to 24H7 will be supplied with 2 x M4 screws.

Further spider elements and technical rates are available on page 44 and 45. All series are available with loose-fit spiders (see page 45).