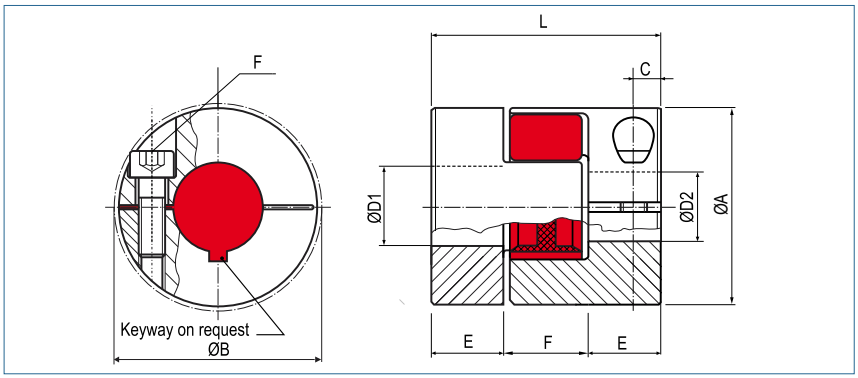
optional full stainless steel version

Servo Insert Coupling

with collet clamps



Order Code KBE2 - 14 - 10 - 12 - 98Sh

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

Size	Dimensions (mm)								Technische Daten			Torque (Nm)			
	ØA	L	Ø D1-D2	E	F	C	B	F	max. speed rpm. (1/min)	Mass (per coupling) (g)	Moment of Inertia J (per coupling) (g m²)	64 ShoreD (green)	98 ShoreA (red)	92 Shore A (yellow)	80 ShoreA (blue)
	Outer Ø	Length	Bore Sizes (H7) min~max					Screw (ISO4762) TA (Nm)							
5	10	15	2 - 5	5	5	2.5	11.4	M1.6 0.25	38000	2.52	0.000036	x	x	0.5	x
7	14	22	4 - 7	7	8	3.5	15	M2 0.43	27000	7	0.000195	2.4	2	1.2	0.7
9	20	30	4 - 11	10	10	5	23.4	M2.5 0.85	19000	18.52	0.00107	6	5	3	1.8
12	25	34	4 - 12	11	12	5	27.2	M3 2	16000	33	0.00304	12	9	5	3
14	30	35	4 - 16	11	13	5	32.2	M3 2	13000	59	0.00381	16	12.5	7.5	4
19	40	66	10 - 22/24*	25	16	12	47	M6 15	10000	183	0.0404	26	21	12	6

Transmittable torque (Nm) depending on shaft diameter (mm)																					
Size	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
5	06	0.6	0.7	0.8																	
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	10.3	10.6	10.9	11.2						
19									44	45	47	48	49	50	51	52	54	55	56	57	58

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

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

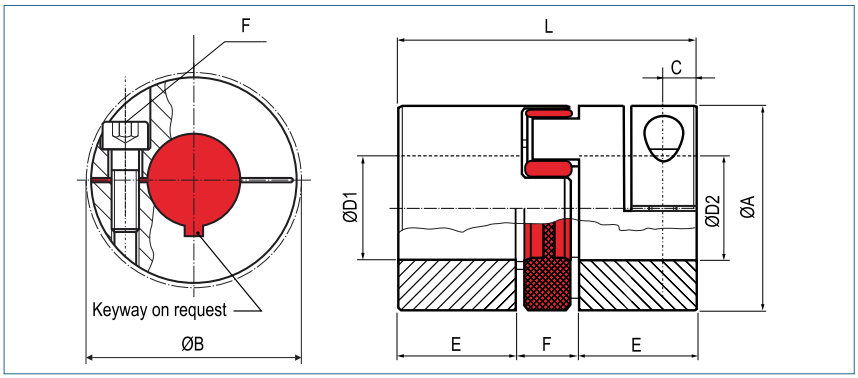
Further spider elements and technical data are available on page 44 and 45.

All series are available with loose-fit spiders (see page 45).

Servo Insert Coupling

with collet clamps

optional full stainless steel version



Order Code KBE2 - 38 - 20 - 40 - 98Sh

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

Size	Dimensions (mm)								Technical Data			Torque (Nm)			
	ØA	L	Ø D1-D2	E	F	C	B	F							
	Outer Ø	Length	Bore Sizes (H7) min~max					Screw (ISO4762) TA (Nm)	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)
24	55	78	15 - 32	30	18	12	56.4	M6 / 15	7000	394	0.175	75	60	35	17
28	65	90	19 - 37	35	20	15	72.6	M8 / 40	6000	624	0.377	200	160	95	46
38	80	114	20 - 48	45	24	20	83.3	M8 / 40	5000	1230	1.139	405	325	190	x
42	95	126	25 - 50	50	26	20	95	M10 / 84	4000	1960	2.505	560	450	265	x
48	105	140	25 - 57	56	28	22	105	M12 / 145	3750	2690	4.175	655	525	310	x
55	120	160	25 - 74	65	30	20	122.8	M12 / 145	3500	3333	7.545	825	685	410	x

Transmittable torque (Nm) depending on shaft diameter (mm)																													
Size	15	16	19	20	22	24	25	28	30	32	35	38	39	40	42	44	45	46	48	50	52	54	56	58	60	62	65	70	74
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	168	169	173	176	178												
42							294	304	310	317	327	337	340	343	350	357	360	363	370	376									
48							476	491	500	510	524	539	544	548	558	568	572	577	587	596	606	616							
55							529	544	553	563	577	592	596	601	611	620	625	630	640	649	659	669	678	688	697	707	722	746	765

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

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