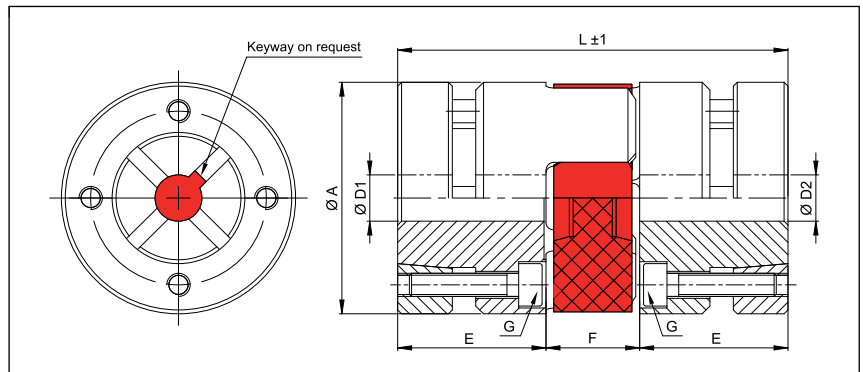


Servo Insert Coupling
with outer conical hubs

KBE3



optional full
stainless steel
version



Order Code

KBE3 - 48 - 40 - 35 - 98Sh

Type

Size

$\varnothing D1$
(H7)

$\varnothing D2$
(H7)

Shore-
hardness

Size	Dimensions (mm)						Technical Data			Torque (Nm)			
	$\varnothing A$	L	$\varnothing D1-D2$	E	F	G	max. speed rpm. (1/min)	Mass (per coupling) (g)	Moment of Inertia (per coupling) J (g m ²)	64 ShoreD (green)	98 ShoreA (red)	92 ShoreA (yellow)	80 ShoreA (blue)
14	30	50	5-14	19	12	M3	25000	105	0.014	16	12.5	7.5	4
			#12			1.34							
19	40	66	10-20	25	16	M4	19000	277	0.066	26	21	12	6
			#17			2.9							
24	55	78	15-30	30	18	M5	14000	612	0.282	75	60	35	17
			#25			6							
28	65	90	19-38	35	20	M5	12000	937	0.650	200	160	95	46
			#34			6							
38	80	114	20-45	45	24	M6	10000	1961	2.005	405	325	190	x
			#40			10							
42	95	126	28-50	50.5	25	M8	8000	3069	4.322	560	450	265	x
			#43			35							
48	105	140	35-60	56.5	27	M8	7000	3855	6.851	655	525	310	x
			#54			35							
55	120	160	40-70	65	30	M10	5000	4145	10.252	825	685	410	x
			#60			84							

Size	Transmittable torque (Nm) depending on shaft diameter (mm)																									
	6	10	11	14	15	16	19	20	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70		
14	8.6	13.8	14.7	22.7																						
19		41	45	62	68	67	83	90																		
24					74	72	90	97	112	120	143															
28							189	188	237	250	280	307	310	353	389											
38								269	337	356	398	436	424	501	533	572	585	644								
42											445	506	470	566	581	647	630	728	836	858						
48														955	999	1092	1091	1230	1381	1334	1540					
55																1262	1325	1422	1464	1582	1630	1975	1994	2352		

Material

hub - aluminium
outer conical hub - Steel
spider element - polyurethane

Hub

bore tolerance: H7

Keyway

optional acc. DIN 6885
biggest bore marked with a #

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