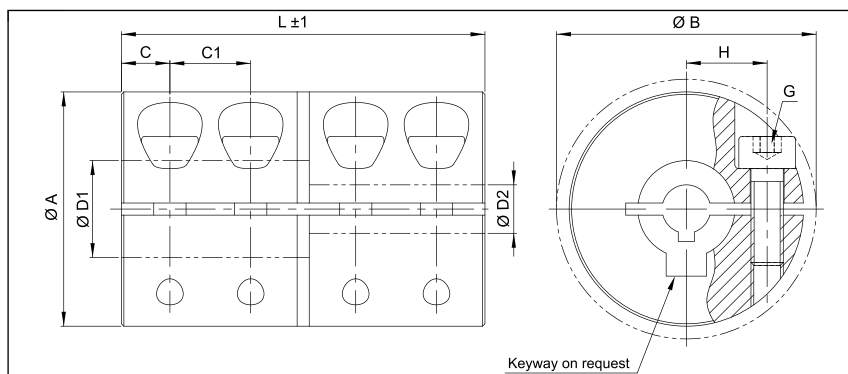


Rigid Shaft Coupling
single slit in stainless steel

KBST2-VA



Order Code for Standard Coupling

KBST2-VA - 50

Type

Size

This coupling will automatically be supplied with unique bore 50H7.

Order Code for Coupling with
different Bore Diameters

KBST2-VA - 50 - 45 - 48

Type

Size

D1

D2

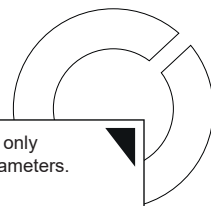
This coupling will be supplied with the dimensions of type KBST2-50 but with a bore combination 45H7 - 48H7.

Rigid shaft coupling - Stainless Steel												
Size	Torque Stainless Steel Nm	Dimensions								Screw (ISO4762)	Tightening Torque Screws Nm	Mass g
		Standard Bore Ø D1 H7	different Bores Ø D1 / D2 H7 min-max	Ø A mm	Ø B mm	L mm	C1	C2	H			
6	25	6	5-7	18	21.2	30	4	7	5.5	M3x8	1.6	47
8	40	8	5-12	24	26.8	35	4.5	8	8.5	M3x10	1.6	102
10	90	10	5-15	29	32.7	45	6	10	10	M4x12	3.9	185
12	90	12	5-15	29	32.7	45	6	10	10	M4x12	3.9	180
14	160	14	10-17	34	39.1	50	6	12	11.5	M5x16	7.6	272
15	160	15	10-17	34	39.1	50	6	12	11.5	M5x16	7.6	266
16	160	16	10-17	34	39.1	50	6	12	11.5	M5x16	7.6	261
20	300	20	10-24	42	48.2	65	8	16	16	M6x16	13.2	518
25	325	25	10-26	45	50.8	75	10	17	17.5	M6x16	13.2	623
30	400	30	20-32	53	58.1	83	10.5	20.5	20.5	M6x18	13.2	920
35	925	35	20-40	67	74.1	95	13	22	25	M8x25	32	1880
40	1100	40	30-50	77	83.4	108	15	24	30	M8x25	32	2710
50	1875	50	40-52	85	93.2	124	15	30	33	M10x25	63	3520

Transmittable torque (Nm) depending on shaft diameter (mm)																						
Size	5	6	8	10	12	14	18	20	24	26	28	30	32	38	40	42	44	46	48	50	52	
6	15	16																				
8	21	22	23	25	27																	
10	44	45	49	52	56	59																
12	44	45	49	52	56	59																
14				93	98	104											Keyways		according D possible in			
15				93	98	104																
16				93	98	104																
20				167	175	183	199	207	223													
25				179	187	195	211	219	235	243												
30								243	259	267	274	282	290									
35								510	539	553	568	582	597	641	655							
40												655	670	713	728	743	757	772	786	801		
50															1226	1250	1273	1296	1319	1342	1365	

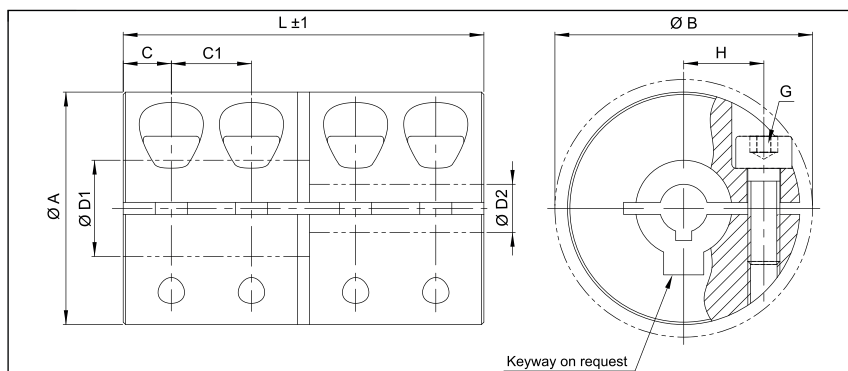
Keyways

according DIN 6885/1 are only possible in unique bore diameters.



Rigid Shaft Coupling
single slit in stainless steel

KBST2-VA



Order Code for Standard Coupling

KBST2-VA - 80

Type

Size

This coupling will automatically be supplied with unique bore 80H7.

Order Code for Coupling with
different Bore Diameters

KBST2-VA - 80 - 75 - 90

Type

Size

D1

D2

This coupling will be supplied with the dimensions of type KBST2-80 but with a bore combination 75H7 - 90H7.

Rigid shaft coupling - Stainless Steel												
Size	Torque Stainless Steel Nm	Dimensions								Screw (ISO4762)	Tightening Torque Screws Nm	Mass g
		Standard Bore Ø D1 H7	different Bores Ø D1 / D2 H7 min-max	Ø A mm	Ø B mm	L mm	C1	C2	H			
55	2500	55	45-58	93	99.5	140	20	29	37	M10x30	63	4240
60	2750	60	50-64	100	105	150	20	34	40	M10x30	63	5100
65	3335	65	60-72	115	120	200	28	43	45	M12x35	108	9350
70	4000	70	65-78	122	125.5	220	30	49	48	M12x40	108	11510
75	4585	75	70-88	133	136	220	32	45	54	M12x40	108	12550
80	5660	80	75-92	138	140	220	32	45	56	M12x45	108	13670
85	6250	85	75-92	148	155	250	35	54	56	M16x45	264	19550
90	7000	90	80-100	157	162	280	40	59	60	M16x50	264	23990
95	8335	95	80-100	167	176	300	40	69	62	M20x55	363	31080
100	10400	100	80-104	173	181	320	45	69	65	M20x55	363	35590

Transmittable torque (Nm) depending on shaft diameter (mm)																				
Size	45	48	50	52	55	58	60	64	65	70	72	75	78	80	85	88	90	95	100	104
55	1392	1427	1451	1474	1509	1544														
60			1521	1544	1580	1615	1638	1685												
65							1755	1802	1814	1872	1895									
70									1884	1942	1966	2001	2036							
75										2083	2106	2141	2176	2200	2258	2293				
80												2188	2223	2246	2305	2340	2363			
85												5932	6027	6090	6249	6344	6407			
90														6344	6503	6598	6661	6820	6978	
95														7107	7282	7386	7456	7630	7804	
100														7316	7491	7595	7665	7839	8013	8153

Keyways

according DIN 6885/1 are only possible in unique bore diameters.