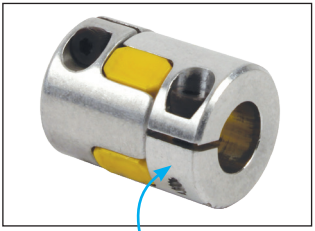
BKGS
BKGS2

Coupling for driven systems
Torque range: 1.2 to 450 Nm

- ***Elastic backlash free coupling***
- *Reliable torque transmission*
- *Maintenance free*
- *Low inertia/size*
- *Easy to assemble, even in confined spaces*
- *Reduces vibration*
- *Materials:*
  Hub: Aluminium
  Ring: Polyurethane 98 Shore A (Red) except sizes 7 and 9 which are Shore 92 A (Yellow)



With 1 or 2 tightening screw depending on the size

Applications

- *Metrology, control systems, driving, machine tools, driving lead screws*

Torque (Nm) transmissible by friction for a split hub

Bore size	Ø3	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø14	Ø15	Ø18	Ø20	Ø25	Ø26	Ø28	Ø30	Ø35	Ø40	Ø45	Ø50	Ø55	Ø56
BKGS-7	0,7	0,9	1,1	1,2																	
BKGS-9		1,7	2,1	2,4	3,0	3,0															
BKGS2-12		3,5	4,3	5,1	6,8	8,4	9														
BKGS2-14			8,4	10,2	12,5	12,5	12,5	12,5	12,5												
BKGS2-19					17	17	17	17	17	17	17										
BKGS2-24						35	42	48	52	60	60	60	60	60	60						
BKGS2-28								96	102	121	133	160	160	160	160	160					
BKGS2-38									143	172	191	238	248	267	286	325	325	325			
BKGS2-42											221	277	288	310	332	387	443	450	450	450	450

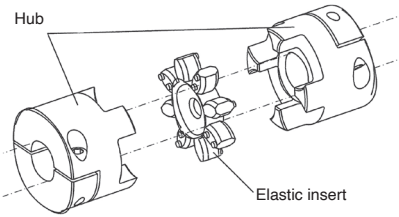
Part number	Transmissible torque (Nm)	Max. speed (t/min)	Moment of inertia (10^{-6} kg.m^2)	Misalignment axial (mm)	radial (mm)	angular	Tightening torque (Nm)
BKGS-7	1,2	27000	0,0001	-0,3/+0,6	0,10	1°	0,35
BKGS-9	3	19000	0,0002	-0,4/+0,8	0,13	1°	0,75
BKGS2-12	9	15000	0,00296	+0,9/-0,4	0,08	0,9°	2,1
BKGS2-14	12,5	13000	0,006	-0,5/+1,0	0,09	0,9°	5
BKGS2-19	17	10000	0,029	-0,5/+1,2	0,06	0,9°	10
BKGS2-24	60	7000	0,121	-0,5/+1,4	0,10	0,9°	18
BKGS2-28	160	6000	0,236	-0,7/+1,5	0,11	0,9°	43
BKGS2-38	325	5000	0,797	-0,7/+1,8	0,12	0,9°	84
BKGS2-42	450	4000	1,779	-1,0/+2,0	0,14	0,9°	84

Dimensions in mm

BKGS
BKGS2

Characteristics

- Hardwearing
- Clamping hub
  BKGS: clamp with 1 tightening screw
  BKG2: clamp with 2 tightening screws
- Coupling mounted under pre-tension
- Shafts must have g6 or h7 tolerance
- Degrease surfaces before assembly

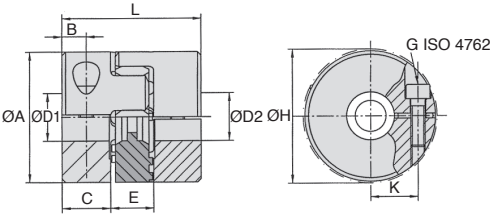


Bore

- Choose ØD1 and ØD2from within the range shown

Option

- Keyway according to DIN6885-1



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	L	ØD1	ØH	ØD1/ØD2 With keyway	ØD1/ØD2 Without keyway	C1	H3	N	K	ØM	Price each Without keyway	Price each With keyway
BKGS-7	20	14	17	3-7	6-7	6	8	3	5	1xM2	On request	On request
BKGS-9	26	19,5	23	4-11	6-11	8	10	4	7,5	1xM2,5		
BKGS2-12	34	24,5	26	4-12	6-12	11	12	5	8,1	2xM3		
BKGS2-14	32	29,5	33	5-15	6-15	9,5	13	5	10,5	2xM4		
BKGS2-19	50	39,5	45	8-20	8-20	17	16	8	14	2xM6		
BKGS2-24	58	54,5	57	10-32	10-32	18	18	7	20	2xM6		
BKGS2-28	62	64,5	68	14-35	14-35	21	20	9	23,8	2xM8		
BKGS2-38	85	79,5	86	15-45	15-45	26,5	23	13	29,5	2xM10		
BKGS2-42	102	94,5	95	20-56	20-56	38	26	13,5	35	2xM10		

Dimensions in mm

Altri prodotti...

Chiusura ¼ di giro per bloccaggio , Manopola plastica o inox

Accessori di collegamento, Piatto girevole

Ruota girevole a foro centrale, Acciaio - Poliammide - a doppio bloc...

Piede fissabile con snodo - poliammide, Ø 50

Riduttore a ruota e vite senza fine, fino a 73 Nm

Sfera portante alta sporgenza, Leggero

Piedino antivibrante cilindrico inox, inox

Ingranaggio elicoidale ad assi incrociati a 90°, Acciaio 20NCD2

Staffa di montaggio per molla a gas, Staffa di montaggio a

Piastra inox a saldare tonda, A saldare

Guida per cilindrico, Giunto per stelo filettato del

Per perno autobloccante, Cavo di ritegno

Prodotti correlati

Giunto senza gioco Gerwah®, da 0.5 a 3Nm

Giunto senza gioco Gerwah®, da 12.5 a 525Nm