

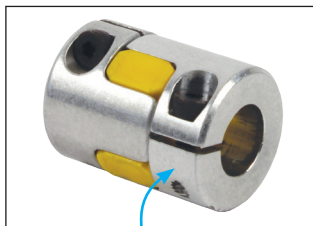
## BKGS BKGS2

## 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															
BKGS2-19		17	17	17	17	17	17	17	17												
BKGS2-24				35	42	48	52	60	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 <sup>-6</sup> kg.m <sup>2</sup> )	Misalignment			Tightening torque (Nm)
				axial (mm)	radial (mm)	angular	
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

## Characteristics

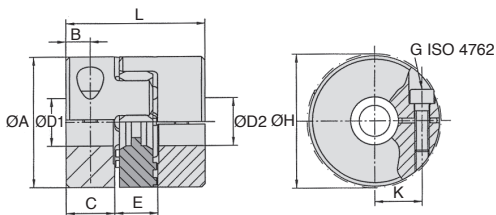
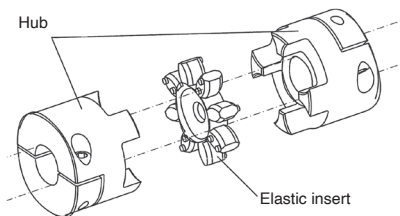
- Hardwearing
- Clamping hub  
BKGS: clamp with 1 tightening screw  
BKGS2: clamp with 2 tightening screws
- Coupling mounted under pre-tension
- Shafts must have g6 or h7 tolerance
- Degrease surfaces before assembly

## Bore

- Choose  $\text{ØD1}$  and  $\text{ØD2}$  from within the range shown

## Option

- Keyway according to DIN6885-1



## DISCOUNTS

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

Part number	L	ØD1/ØD2		With keyway			Without keyway			ØM	Price each	
		ØD1	ØH	C1	H3	N	K	Without keyway	With keyway			
BKGS-7	20	14	17	3-7	6-7	6	8	3	5	1xM2		
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	On request	On request
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