



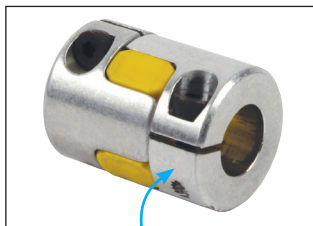
## BKGS BKGS2

## 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												
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 <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

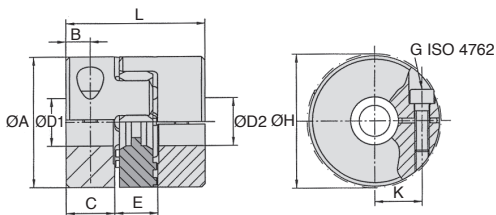
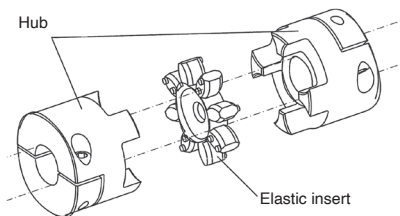
- Hardwearing
- Clamping hub  
BKGS: clamp with 1 tightening screw  
BKGS2: clamp with 2 tightening screws
- Coupling mounted under pre-tension
- Shafts must have g6 or h7 tolerance
- Degrease surfaces before assembly

## 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

## Our other products



GCA  
Linch pin, Linch



HRV  
V-rail guidance  
Simple Select®  
system, Rail with  
carriage



ETP  
Modular handle for  
aluminium profile,  
Modular handle



PRS100  
Stainless steel  
articulated foot Ø100,  
Ø 100



STRIP1000  
Sealing brush strip,  
1m length



PSG15  
Spur gear - precision  
range, Stainless steel  
303



STRIPF  
Sealing brush strip,  
1m length



CHMR40  
Worm and wheel gear  
reducer, up to 57 Nm



AFA  
Locking pin, with ring



APBC  
Circular rod, Round  
rod



LINK64  
Synchronous AC  
Motor and- gearbox ,  
from 1.3 to 6Nm



WJRM  
Drylin® W hybrid  
bearing block, Hybrid  
bearings

## Complementary products



DKGS  
Backlash free  
coupling Gerwah®,  
from 0.5 to 3Nm



ADSR  
Backlash free  
coupling Gerwah®,  
from 12.5 to 525Nm