

## 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												
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	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

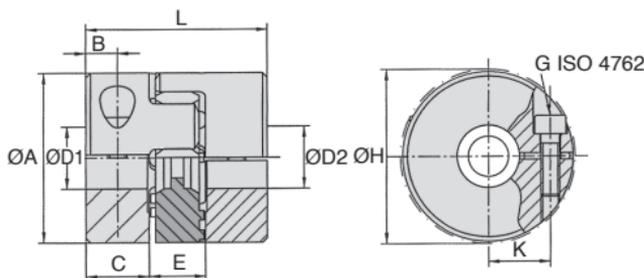
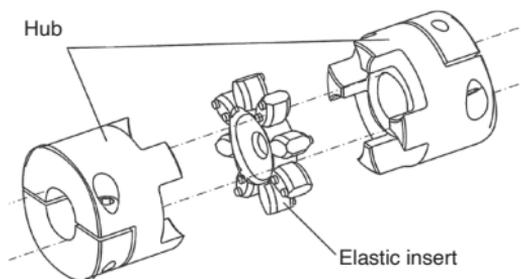
- Hardwearing
- Clamping hub  
BKGS: clamp with 1 tightening screw  
BKGS2: clamp with 2 tightening screws
- Coupling mounted under pre-tension
- Shafts must have g6 or h7 tolerance
- Degrease surfaces before assembly

## 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				Price each	
		ØD1	ØH	C1	H3	N	K	ØM	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

## Altri prodotti...



PC562K

Pignone a catena dentatura temprata, 15.875mm (DIN10B-1)



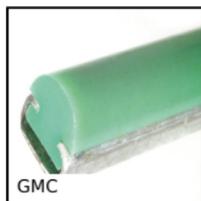
J51

Riduttore coassiale a treni paralleli, da 0.13 a 0.49 - a treni para...



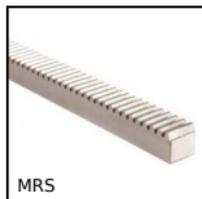
VAB

Flanged nut for ball screw, For VAB ballscrew



GMC

Guida prodotto laterale tonda, Per imbottigliamento e imballaggio



MRS

Cremaiera sezione metrica, Inox



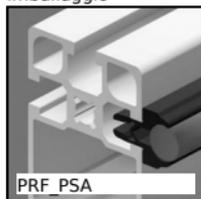
CLM

Attacco per forcella, Corta acciaio



CQA20

Accessori per slitta di regolazione miniatura, 20



PRF PSA

Rotella per profilo alluminio, Supporto d'albero



CHA35

Cerniera ad avvitare, Cerniera



CNA-CNG

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



SLHVlok

Bloccaggio a leva, A leva orizzontale / base verticale



WING

Dado ad alette per serraggio manuale, Inox DIN 314/315

## Prodotti correlati



DKGS

Giunto senza gioco Gerwah®, da 0.5 a 3Nm



ADSR

Giunto senza gioco Gerwah®, da 12.5 a 525Nm