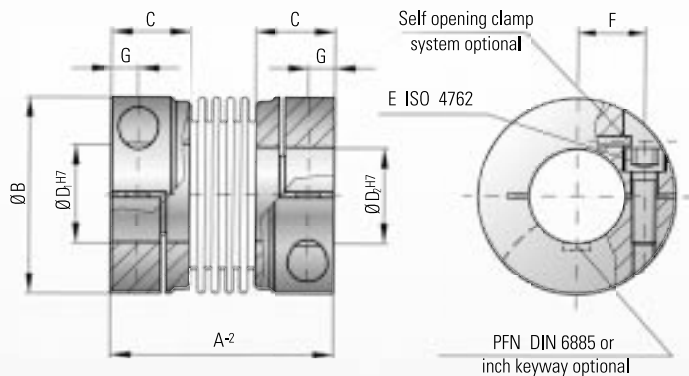


optional  
stainless steel

# MODEL BKC

## TECHNICAL SPECIFICATIONS



### Ordering example

BKC / 60 / 26 / 22 / XX

Model  
Series/Nm  
Ø D1 H7  
Ø D2 H7  
non standard



compact version

### Properties:

- compact design
- easy to mount
- suited for space restricted installations
- low moment of inertia
- economically priced

### Material:

Bellows made of highly flexible high-grade stainless steel

Hub material see technical specifications table

### Design:

With a single radial clamping screw per hub ISO 4762.

**Self opening clamp system optional:**  
**Loosening the clamping screw applies force to the pin, which will force the clamp into the open position for easy mounting and dismounting.**

### Temperature range:

-30 to +100° C (3,6 F to 237 F)

### Backlash:

Absolutely backlash-free due to frictional clamped connection.

### Service life:



These couplings have an infinite life and are maintenance-free if the technical specifications are not exceeded.

### Tolerance:

On the hub/shaft connection 0.01 to 0.05 mm.

### Non standard:

Custom designs with varied tolerances, keyways, non-standard material and bellows are available upon request.

Model BKC			15	30	60	150	300	500
Rated torque (Nm)	$T_{KN}$		15	30	60	150	300	500
Overall length (mm)	A		48	58	67	78	94	100
Outer diameter (mm)	B		49	56	66	82	110	123
Fit length (mm)	C		16,5	21	23	27,5	34	34
Inner diameter possible from Ø to Ø H7 (mm)	D½		8-28	12-32	14-35	19-42	24-60	32-75
ISO 4762 fastening screw			M5	M6	M8	M10	M12	M12
Tightening torque of the fastening screw (Nm)	E		8	15	40	75	120	125
Distance between centers (mm)	F		17	20	23	27	39	45
	G		6	7.5	9.5	11	13	13
Moment of inertia ( $10^{-3}$ kgm <sup>2</sup> )	$J_{total}$		0.05	0.09	0.18	0.65	7.2	8.7
Hub material (standard) (steel on request)			AL	AL	AL	AL	Steel	Steel
Approx. weight (kg)			0.13	0.3	0.4	0.8	3.5	4.5
Torsional stiffness ( $10^3$ Nm/rad)	$C_T$		23	31	72	141	157	290
axial  (mm)	Max. values		1	1	1,5	2	2	2.5
lateral  (mm)			0.15	0.15	0.15	0.15	0.15	0.20
axial spring stiffness (N/mm)	$C_a$		30	50	67	77	112	72
lateral spring stiffness (N/mm)	$C_r$		315	366	679	960	2940	2200

max. angular misalignment 1 degree (1 Nm = 8.85 in lbs)