



## Couplings for servo-motors

### **HPC** BC3

Torque: **0.75 to 73Nm**

- **Multidirectional flexibility**
- High precision
- High torsional rigidity
- Single piece construction
- Backlash free
- 6 beams (except BS21 which has 3)
- Working temp -40°C to +120°C
- Max. speed: 5000 rpm
- Material:  
Stainless steel 303
- **Pre-bore is not tolerated**

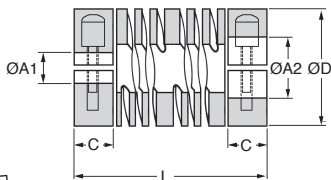


### Applications

- Encoders, optical systems
- Automated systems, step motors
- Continuous or intermittent use

### Assembly

- Dimension "C" must not be exceeded



**STANDARD BORES  
IN STOCK**

### DISCOUNTS

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

Part number	ØD	L	C	Set screw	Misalignment		Torsional rigidity (Nm/Rad)	Max. torque (Nm)		
					Radial (mm)	Angular		shock and reversing	non reversing	peak torque
BC32	9,5	19,6	5,3	M1,6	0,12	3°	5,4	0,75	1,00	1,5
BC33	12,7	25,4	6,5	M2	0,17	5°	25	1,50	2,00	3,0
BC34	19,1	28,0	6,5	M2,5	0,25	7°	72	4,00	5,33	8,0
BC35	25,4	38,1	11,0	M3	0,38	7°	170	8,00	10,66	16,0
BC36	31,8	57,2	16,0	M4	0,50	7°	364	12,50	16,66	25,0
BC37	38,1	66,7	18,0	M5	0,60	7°	634	18,00	24,00	36,0
BC39	50,8	95,3	25,0	M6	0,90	7°	1305	36,50	48,66	73,0

Part number	ØA1 x ØA2		ØA1 x ØA2		ØA1 x ØA2		Stock*	Price each	
	Pre-bores	Min.	Max.	Standard Bores (H8)	Std. bores and pre-bores	Std. bores and pre-bores		Modified bore	
BC32	2,0 x 2,8	2 x 4	4,76 x 4,76	-	-	-	63,86 €	76,63 €	
BC33	2,5 x 4,5	3 x 5	6,35 x 6,35	6 x 6	6,35 x 6,35	✓	65,21 €	78,26 €	
BC34	2,5 x 5,8	4,76 x 6,35	10 x 10	6 x 6	-	✓	83,96 €	100,75 €	
BC35	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6	-	✓	115,83 €	138,99 €	
BC36	6,0 x 10,0	8 x 10	16 x 16	-	-	✓	152,72 €	183,27 €	
BC37	8,0 x 12,0	8 x 12	19 x 19	-	-	✓	203,69 €	244,43 €	
BC39	10,0 x 16,0	10 x 16	26 x 26	-	-	-	On request	On request	

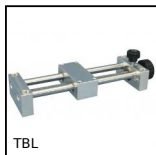
\*Depending on availability - Dimensions in mm

## Our other products



HRV

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



TBL

Mini leadscrew table  
with metric thread,  
1kg



DB\_ECO

Eco. range steel bevel  
gear, 2:1



ZG1

Plastic spur gear,  
Machined plastic  
(delrin)



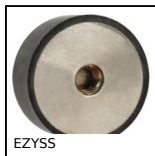
H2

Crossed helical gear  
crossed axis at 90°,  
Machined plastic  
(delrin)



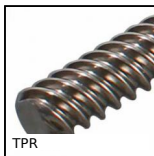
SHNbr

Hexagonal nut  
DIN934, Brass



EZYSS

Stainless steel  
cylindrical stop,  
stainless steel



TPR

High helix leadscrew,  
Leadscrew only - up  
to 40mm per rotation



D-PAR\_SS

Stainless steel elasto  
mount, stainless steel



BLHB40

Right angled gearbox,  
bored shafts, up to  
10.3 Nm



BAG-MISS

Split shaft collar with  
clamp lever, Stainless  
steel



LFM2

Steel leadscrew,  
Medium carbon steel -  
2 threads

## Complementary products



DBC

Panamech, Multi-  
Beam, Aluminium -  
with clamping jaw



B3PAN

Panamech, Multi-  
Beam stainless steel,  
Stainless steel - with  
clamping...