



## BC2

## Couplings for servo-motors

Torque: **0.5 to 40Nm**

- **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: 5,000 rpm
- Material:  
Aluminium 6082
- **Pre-bore is not tolerated**



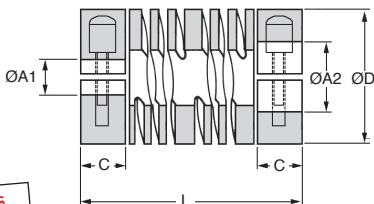
### Applications

- 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+	5+	10+
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
BC22	9,5	19,6	5,3	M1,6	0,12	3°	1,8	0,5	0,66	1,0
BC23	12,7	22,9	6,5	M2	0,17	5°	14	1,0	1,33	2,0
BC24	19,1	26,5	6,5	M2,5	0,25	7°	46	2,6	3,53	5,3
BC25	25,4	38,1	11,0	M3	0,38	7°	108	5,0	6,66	10,0
BC26	31,8	57,2	16,0	M4	0,50	7°	225	7,5	10,00	15,0
BC27	38,1	66,7	18,0	M5	0,60	7°	315	11,0	14,66	22,0
BC29	50,8	95,3	25,0	M6	0,90	7°	666	20,0	26,66	40,0

Part number	ØA1 x ØA2 Pre-bores		ØA1 x ØA2 Min. Max.		ØA1 x ØA2 Standard Bores (H8)	Stock* Std. bores and pre-bores	Price each 1 to 4	
	Std. bores and pre-bores	Modified bore						
BC22	2,0 x 2,8	2 x 4	4,76 x 4,76		3 x 3	✓	43,05 €	43,05 €
BC23	2,5 x 4,5	3 x 5	6,35 x 6,35		3,18 x 4 6 x 6	✓	46,05 €	55,26 €
BC24	2,5 x 5,8	4,76 x 6,35	10 x 10		5 x 6 6 x 10 8 x 8	✓	51,06 €	61,27 €
BC25	3,5 x 7,5	5 x 8	12,70 x 12,70		6 x 6 8 x 12 10 x 10 10 x 12 12 x 12	✓	57,08 €	68,50 €
BC26	6,0 x 10,0	8 x 9,53	16 x 16		10 x 14	✓	99,00 €	On request
BC27	8,0 x 12,0	8 x 12	19 x 19		-	✓	113,51 €	136,22 €
BC29	10,0 x 16,0	10 x 16	26 x 26		-	-	On request	On request

\*Depending on availability - Dimensions in mm

## Our other products



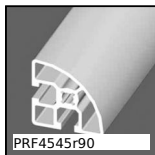
FF30

Offset spur gear reducer, from 21.50 to 83 Nm



BPHF

Ball transfer unit push fit, Heavy



PRF4545r90

Standard aluminium profile, 45 x 45 mm - R90°



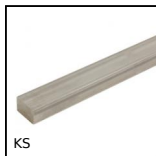
CHAFR-MINI

Miniature friction hinge, Friction



PITA

Locking bolt, with T handle



KS

Keysteel, Stainless steel - Keystock



LWH

High rigidity linear slide, Rail - from 9320 N to 71300 N



Q6

Deep groove ball bearing, Steel



CHAsb89

Hinge without pin, Plastic hinge



CLG2

Moulded plastic spur gear, Moulded plastic (nylon)



PFM

Fixed levelling foot, Flanged plate



ESCON

Speed controller 5A accessories, Kit of 4 cables for DC motor

## Complementary products



MFB

Flexible bellows coupling, Aluminium and Bronze - With set screw



DBC

Panamech, Multi-Beam, Aluminium - with clamping jaw