



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**

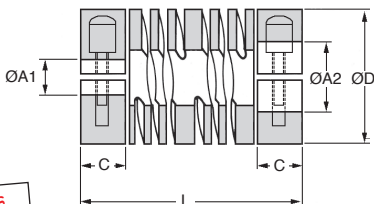


Applications

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

Assembly

- Dimension "C" must not be exceeded



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	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



F7-P-AM
Multifunction display,
Magnetic band



SSDB
Stainless steel bevel
gear, 2:1



AT5P_AT10P
Connecting plate for
AT type timing belts,
AT5



ACM_AZ
Mounting bracket for
bonnet fastener, Hook



PTMC
Telescopic furniture
foot, square plate



SVG
Adjustable latch
clamp with strike
plate, Stroke from
106,7mm to 121...



BLH60
Right angled gearbox,
from 19 to 70 Nm



CSSSS
Stainless steel
spherical bearing,
Stainless steel / PTFE



MDR
Dee shackle with eye
bolt, Steel



GBMz
Cylindrical ballscrew
nut, Cylindrical nut -



RPCplss
Swivel castor with
double brake,



SUA4_L
Chain link, Steel

Complementary products



MFB
Flexible bellows
coupling, Aluminium
and Bronze - With set
screw



DBC
Panamech, Multi-
Beam, Aluminium -
with clamping jaw