



## BS2

## Couplings for servo-motors

Torque: **0.2 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 toleranced**

set screw  
fixing

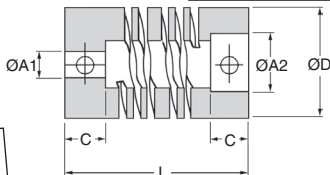


### Applications

- 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
BS21	6,4	12,7	3,2	M2	0,07	3°	1,53	0,20	0,26	0,4
BS22	9,5	19,6	5,3	M2,5	0,12	3°	1,8	0,50	0,66	1,0
BS23	12,7	22,9	6,5	M3	0,17	5°	14	1,00	1,33	2,0
BS24	19,1	26,5	6,5	M4	0,25	7°	46	2,65	3,53	5,3
BS25	25,4	38,1	11,0	M5	0,38	7°	108	5,00	6,66	10,0
BS266	31,8	57,2	16,0	M6	0,50	7°	225	7,50	10,00	15,0
BS27	38,1	66,7	18,0	M6	0,60	7°	315	11,00	14,66	22,0
BS29	50,8	95,3	25,0	M8	0,90	7°	666	20,00	26,66	40,0

Part number	ØA1 x ØA2		ØA1 x ØA2		ØA1 x ØA2 Standard Bores (H8)	Stock* Std bores and pre-bores	Price each 1 to 4	
	Pre-bores	Min.	Max.				Std bores and pre-bores	Modified bore
BS21	1,5 x 2,0	1 x 2	3 x 3		-	✓	26,90 €	32,28 €
BS22	2,0 x 2,8	2 x 4	4,76 x 4,76		3, 18 x 4	-	29,66 €	35,61 €
BS23	2,5 x 4,5	3 x 5	6,35 x 6,35		6 x 6	✓	32,35 €	38,83 €
BS24	2,5 x 5,8	4,76 x 6,35	10 x 10		5 x 6 6 x 6 10 x 10	✓	40,32 €	48,39 €
BS25	3,5 x 7,5	5 x 8	12,70 x 12,70		6 x 6	✓	44,86 €	53,83 €
BS266	6,0 x 10,0	8 x 9,53	16 x 16		-	✓	58,82 €	70,59 €
BS27	8,0 x 12,0	8 x 12	22 x 22		-	✓	75,37 €	90,45 €
BS29	10,0 x 16,0	10 x 16	28 x 28		-	-	On request	On request

\*Depending on availability - Dimensions in mm



## Couplings for servo-motors



Torque: **0.22 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: 5,000 rpm
- Material:  
Stainless steel 303
- **Pre-bore is not tolerated**

Set screw fixing  
stainless steel

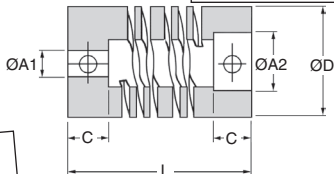


### Applications

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

### Assembly

- Dimension "C" must not be exceeded



### DISCOUNTS

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

Part number	ØD	L	C	Set screw	Misalignment		Torsional rigidity (Nm/Rad)	shock and reversing	non reversing	peak torque
					Radial (mm)	Angular				
BS31	6,4	12,7	3,2	M2	0,07	3°	1,53	0,22	0,30	0,45
BS32	9,5	19,6	5,3	M2,5	0,12	3°	5,4	0,75	1,00	1,50
BS33	12,7	25,4	6,5	M3	0,17	5°	25	1,50	2,00	3,00
BS34	19,1	28,0	6,5	M4	0,25	7°	72	4,00	5,33	8,00
BS35	25,4	38,1	11,0	M5	0,38	7°	170	8,00	10,66	16,00
BS36	31,8	57,2	16,0	M6	0,50	7°	364	12,50	16,66	25,00
BS37	38,1	66,7	18,0	M6	0,60	7°	634	18,00	22,50	36,00
BS39	50,8	95,3	25,0	M8	0,90	7°	1305	36,50	48,66	73,00

Part number	ØA1 x ØA2		ØA1 x ØA2		Standard Bores (H8)	Stock*	Price each	
	Pre-bores	Min.	Max.	Std bores and pre-bores			Std bores and pre-bores	Modified bore
BS31	1,5 x 2,0	1 x 2	3 x 3	-	✓	46,73 €	56,07 €	
BS32	2,0 x 2,8	2 x 4	4,76 x 4,76	-	✓	39,19 €	47,03 €	
BS33	2,5 x 4,5	3 x 5	6,35 x 6,35	6,35 x 6,35	4 x 4	✓	50,98 €	61,18 €
BS34	2,5 x 5,8	4,76 x 6,35	10 x 10	10 x 10	5 x 9,53	✓	55,24 €	66,29 €
BS35	3,5 x 7,5	5 x 8	12,70 x 12,70	8 x 8	-	✓	87,29 €	104,74 €
BS36	6,0 x 10,0	8 x 10	19 x 19	-	✓	128,15 €	153,77 €	
BS37	8,0 x 12,0	8 x 12	22 x 22	-	✓	164,44 €	197,33 €	
BS39	10,0 x 16,0	10 x 16	28 x 28	-	-	On request	On request	

\*Depending on availability - Dimensions in mm

## Our other products



CHM30-MOT

Asynchronous AC motorgearboxes 0.09 to 0.22kW, 0.09 to 0.22kW



WTM

Tightening washer - DIN6340, Steel



PPF

Indexing plunger with flange, with drilled flange



OP2

Mechanical digital position indicator, 3 numbers



KB\_WW

Closed linear precision bearing, Economy range



RPCtcss

Swivel castor with central hole, Stainless steel - Polyamide



WW20

Drylin® W slide, slide assembly



ACLBS

Spherical ended stop for aluminium profile, Spherical ended stop



DOMI80

Accessories, Turntable



NKIB

Combined bearing with inner ring, Axial load in both directions



AT5M AT10M

AT type timing belt per metre, AT5 Steel cored polyurethane



E60

Right angle helical reducers, from 4.50 to 62 Nm

## Complementary products



BC2

Panamech, Multi-Beam, Aluminium - with clamping jaw



BC3

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