



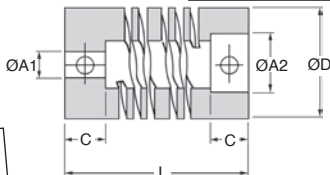
## BS2

## 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: 5000 rpm
- Material:  
Aluminium 6082
- **Pre-bore is not toleranced**

Set screw  
fixing



### Uses

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

### Assembly

- Dimension "C" must not be exceeded



### DISCOUNTS

Qty	1+	5+	10+	25+	50+
Disc.	List	-6%	-12%	-18%	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°	-	0,20	0,26	0,4
BS22	9,5	19,6	5,3	M2,5	0,12	3°	2	0,50	0,66	1,0
BS23	12,7	22,9	6,5	M3	0,17	5°	16	1,00	1,33	2,0
BS24	19,1	26,5	6,5	M4	0,25	7°	51	2,65	3,53	5,3
BS25	25,4	38,1	11,0	M5	0,38	7°	120	5,00	6,66	10,0
BS266	31,8	57,2	16,0	M6	0,50	7°	250	7,50	10,00	15,0
BS27	38,1	66,7	18,0	M6	0,60	7°	370	11,00	14,66	22,0
BS29	50,8	95,3	25,0	M8	0,90	7°	760	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.	Max.			Std bores and pre-bores	Modified bore
BS21	1,5 x 2,0	1 x 2	3 x 3		1 x 2	✓	24,60 €	41,19 €
BS22	2,0 x 2,8	2 x 4	4,76 x 4,76		3, 18 x 4	-	27,12 €	45,49 €
BS23	2,5 x 4,5	3 x 5	6,35 x 6,35		6 x 6	✓	29,60 €	61,76 €
BS24	2,5 x 5,8	4,76 x 6,35	10 x 10		5 x 6 6 x 6 10 x 10	✓	36,87 €	68,11 €
BS25	3,5 x 7,5	5 x 8	12,70 x 12,70		6 x 6	✓	41,02 €	79,29 €
BS266	6,0 x 10,0	8 x 10	16 x 16		-	✓	53,78 €	107,04 €
BS27	8,0 x 12,0	8 x 12	22 x 22		-	✓	68,92 €	131,84 €
BS29	10,0 x 16,0	10 x 16	28 x 28		-	-	177,04 €	272,90 €

\*Depending on availability - Dimensions in mm



## Couplings for servo-motors

# HPC BS3

### 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: 5000 rpm
- Material:  
Stainless steel 303
- **Pre-bore is not tolerated**

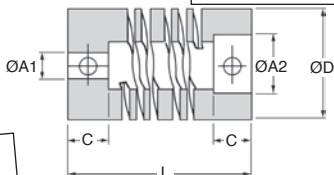
### Uses

- 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+	25+	50+
Disc.	List	-6%	-12%	-18%	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°	-	0,22	0,30	0,45
BS32	9,5	19,6	5,3	M2,5	0,12	3°	6	0,75	1,00	1,50
BS33	12,7	25,4	6,5	M3	0,17	5°	28	1,50	2,00	3,00
BS34	19,1	28,0	6,5	M4	0,25	7°	80	4,00	5,33	8,00
BS35	25,4	38,1	11,0	M5	0,38	7°	189	8,00	10,66	16,00
BS36	31,8	57,2	16,0	M6	0,50	7°	405	12,50	16,66	25,00
BS37	38,1	66,7	18,0	M6	0,60	7°	720	18,00	22,50	36,00
BS39	50,8	95,3	25,0	M8	0,90	7°	1450	36,50	48,66	73,00

Part number	ØA1 x ØA2		ØA1 x ØA2		ØA1 x ØA2		Stock*	Price each 1 to 4		
	Pre-bores	Min.	Max.	Standard Bores (H8)	Std bores and pre-bores	Std bores and pre-bores		Modified bore		
BS31	1,5 x 2,0	1 x 2	3 x 3	-	✓	42,73 €	111,86 €			
BS32	2,0 x 2,8	2 x 4	4,76 x 4,76	4 x 4 6,35 x 6,35	✓	35,85 €	76,56 €			
BS33	2,5 x 4,5	3 x 5	6,35 x 6,35	5 x 9,52 10 x 10	✓	46,62 €	81,90 €			
BS34	2,5 x 5,8	4,76 x 6,35	10 x 10	8 x 8	✓	50,51 €	50,51 €			
BS35	3,5 x 7,5	5 x 8	12,70 x 12,70	-	✓	79,81 €	118,91 €			
BS36	6,0 x 10,0	8 x 10	19 x 19	-	✓	117,13 €	165,03 €			
BS37	8,0 x 12,0	8 x 12	22 x 22	-	✓	150,30 €	204,74 €			
BS39	10,0 x 16,0	10 x 16	28 x 28	-	-	278,48 €	507,10 €			

\*Depending on availability - Dimensions in mm



## BC2

## Couplings for servo-motors

Torque: **0.5 to 40Nm**

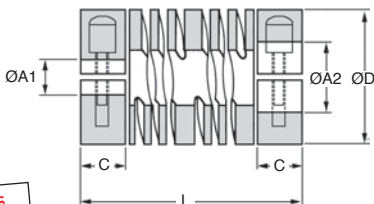
- **Multidirectional flexibility**
- High precision
- High torsional rigidity
- Single piece construction
- Backlash free
- 6 beams (except BS21 which has 3)
- Working temp -40°C to +120°C
- Max. speed: 5000 rpm
- Material:  
Aluminium 6082
- **Pre-bore is not tolerated**

### Uses

- 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+	25+	50+
Disc.	List	-6%	-12%	-18%	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°	2	0,5	0,66	1,0
BC23	12,7	22,9	6,5	M2	0,17	5°	16	1,0	1,33	2,0
BC24	19,1	26,5	6,5	M2,5	0,25	7°	51	2,6	3,53	5,3
BC25	25,4	38,1	11,0	M3	0,38	7°	120	5,0	6,66	10,0
BC26	31,8	57,2	16,0	M4	0,50	7°	250	7,5	10,00	15,0
BC27	38,1	66,7	18,0	M5	0,60	7°	370	11,0	14,66	22,0
BC29	50,8	95,3	25,0	M6	0,90	7°	760	20,0	26,66	40,0

Part number	ØA1 x ØA2 Pre-bores		ØA1 x ØA2 Min. Max.		ØA1 x ØA2 Standard Bores (H8)	<b>Stock*</b>	Price each 1 to 4		
	Std. bores and pre-bores	Std. bores and pre-bores	Modified bore						
BC22	2,0 x 2,8	2 x 4	4,76 x 4,76		3 x 3	✓	39,73 €	78,35 €	
BC23	2,5 x 4,5	3 x 5	6,35 x 6,35		3,18 x 4 6 x 6	✓	42,49 €	74,47 €	
BC24	2,5 x 5,8	4,76 x 6,35	10 x 10		5 x 6 6 x 10 8 x 8	✓	47,11 €	90,37 €	
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	✓	52,67 €	98,31 €	
BC26	6,0 x 10,0	8 x 10	16 x 16		10 x 14	✓	91,32 €	141,21 €	
BC27	8,0 x 12,0	8 x 12	19 x 19		-	✓	104,70 €	179,22 €	
BC29	10,0 x 16,0	10 x 16	26 x 26		-	✓	246,98 €	395,45 €	

\*Depending on availability - Dimensions in mm



## Couplings for servo-motors

### **HPC** BC3

Torque: **0.75 à 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**

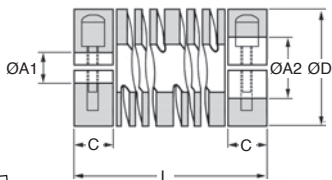


### Uses

- 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+	25+	50+
Disc.	List	-6%	-12%	-18%	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°	6	0,75	1,00	1,5
BC33	12,7	22,9	6,5	M2	0,17	5°	28	1,50	2,00	3,0
BC34	19,1	26,5	6,5	M2,5	0,25	7°	80	4,00	5,33	8,0
BC35	25,4	38,1	11,0	M3	0,38	7°	189	8,00	10,66	16,0
BC36	31,8	57,2	16,0	M4	0,50	7°	405	12,50	16,66	25,0
BC37	38,1	66,7	18,0	M5	0,60	7°	720	18,00	24,00	36,0
BC39	50,8	95,3	25,0	M6	0,90	7°	1450	36,50	48,66	73,0

Part number	ØA1 x ØA2 Pre-bores		ØA1 x ØA2 Min. Max.		ØA1 x ØA2 Standard Bores (H8)	Stock*	Price each 1 to 4	
	Std. bores and pre-bores	Modified bore	Std. bores and pre-bores	Modified bore	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	-	-	✓	58,91 €	101,99 €
BC33	2,5 x 4,5	3 x 5	6,35 x 6,35	6 x 6	6,35 x 6,35	✓	60,16 €	108,38 €
BC34	2,5 x 5,8	4,76 x 6,35	10 x 10	6 x 6	-	✓	77,44 €	126,94 €
BC35	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6	-	✓	106,84 €	155,52 €
BC36	6,0 x 10,0	8 x 10	16 x 16	-	-	✓	140,85 €	206,39 €
BC37	8,0 x 12,0	8 x 12	19 x 19	-	-	✓	187,86 €	277,14 €
BC39	10,0 x 16,0	10 x 16	26 x 26	-	-	-	379,05 €	644,00 €

\*Depending on availability - Dimensions in mm



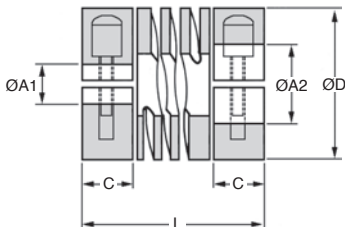
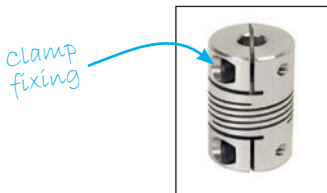
- **Multidirectional flexibility**
- High precision
- **Space saving**
- Good torsional rigidity
- Single piece construction
- Backlash free
- For use in restricted spaces
- 3 beams
- Working temperature: -40°C to +120°C
- Max. speed: 5000 rpm
- Material:  
Aluminium 6082
- Pre-bore is not toleranced

### Uses

- Encoders, optical systems
- Automated systems, step motors

### Assembly

- Dimension "C" must not be exceeded



### DISCOUNTS

Qty	1+	5+	10+	25+	50+
Disc.	List	-6%	-12%	-18%	On request

Part number	ØD	L	C	Set screw	Misalignment		Max torque (Nm)		
					Radial (mm)	Angular	shock and reversing	non reversing	peak torque
DBC3	12,7	19,1	6,0	M2	0,127	5°	0,45	0,60	0,9
DBC3.5	15,9	20,3	6,5	M2,5	0,127	5°	0,75	1,00	1,5
DBC4	19,1	22,9	6,5	M2,5	0,127	5°	1,25	1,66	2,5
DBC5	25,4	31,8	9,0	M3	0,127	5°	2,00	2,66	4,0
DBC6	31,8	44,5	12,0	M4	0,127	5°	3,00	4,00	6,0

Part number	ØA1 x ØA2		ØA1 x ØA2 Min.	ØA1 x ØA2 Max.	ØA1 x ØA2 Standard Bores (H8)	Stock*	Price each 1 to 4	
	Pre-bores	Pre-bores					Std. bores and pre-bores	Std. bores and pre-bores Modified bore
DBC3	2,5 x 3,95	3 x 4	5 x 5	-	✓	44,10 €	74,76 €	
DBC3.5	2,5 x 3,95	3 x 4	6,35 x 6,35	5 x 5	✓	44,10 €	82,17 €	
DBC4	2,5 x 5,8	4 x 4,76	8 x 8	6 x 6	✓	46,93 €	86,41 €	
DBC5	3,8 x 5,95	5 x 6	10 x 10	10 x 10	✓	53,14 €	100,26 €	
DBC6	5,1 x 9,2	6 x 8	14 x 14	-	✓	79,96 €	143,28 €	

\*Depending on availability - Dimensions in mm

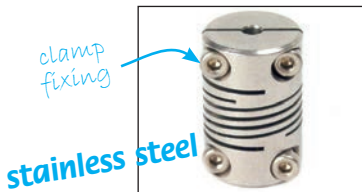


## Couplings for servo-motors

# HPC B3PAN

### Torque: 0,5 to 10Nm

- **Multidirectional flexibility**
- High precision
- **Space saving**
- Good torsional rigidity
- Single piece construction
- Backlash free
- For use in restricted spaces
- 3 beams
- Working temperature: -40°C to +140°C
- Max. speed: 5000 rpm
- Material:
  - Stainless steel 303
- Pre-bore is not toleranced

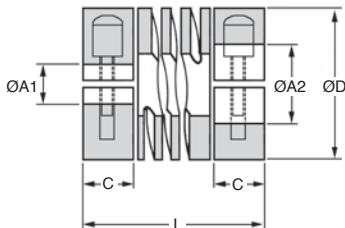


### Uses

- Encoders, optical systems
- Automated systems, step motors

### Assembly

- Dimension "C" must not be exceeded



**STANDARD BORES IN STOCK**

### DISCOUNTS

Qty	1+	5+	10+	25+	50+
Disc.	List	-6%	-12%	-18%	On request

Part number	ØD	L	C	Set screw	Misalignment		Max. torque (Nm)		
					Radial (mm)	Angular	shock and reversing	non reversing	peak torque
B3PAN4C	12,7	19,1	6,0	M2	0,127	5°	0,50	0,66	1,0
B3PAN5C	15,9	20,3	6,5	M2,5	0,127	5°	0,90	1,20	1,8
B3PAN6C	19,1	22,9	6,5	M2,5	0,127	5°	1,35	1,80	2,7
B3PAN7C	25,4	31,8	9,0	M3	0,127	5°	3,00	4,00	6,0
B3PAN8C	31,8	44,5	12,0	M4	0,127	5°	5,00	6,66	10,0

Part number	ØA1 x ØA2		ØA1 x ØA2		Standard Bores (H8)	Stock*	Price each 1 to 4		
	Pre-bores	Min.	Max.	Std. bores and pre-bores			Std. bores and pre-bores	Modified bore	
B3PAN4C	1,6 x 4,5	3 x 4	5 x 5	4 x 4	✓	63,70 €	101,44 €		
B3PAN5C	2,5 x 4,8	3 x 4	6,35 x 6,35	5 x 5	✓	66,02 €	115,01 €		
B3PAN6C	2,5 x 4,75	4 x 4,76	8 x 8	6 x 6	✓	69,96 €	127,11 €		
B3PAN7C	3,5 x 5,95	5 x 6	10 x 10	8 x 8	✓	90,05 €	159,44 €		
B3PAN8C	5,1 x 9,2	6 x 8	14 x 14	10 x 10	✓	140,86 €	218,94 €		

\*Depending on availability - Dimensions in mm