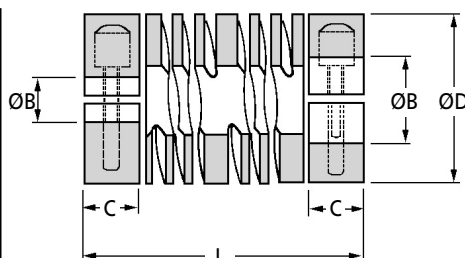


COUPLINGS

**BC
BCN**

Spiral-Beam 6 Beam Coupling

Backlash Free, Clamp Fixing : 0.12 - 73Nm, 1.6 - 26mm Bores



Extras

Boring Out: upto 25mm £4.84 per end, 26mm-49mm £11.70 per end.
Add bore size required to end of part number
eg. **BC22-3/2.5** (bored Ø3mm & Ø2.5mm).
Pin Hole: Any Size £4.84 each.
Tapped Holes: upto M8 incl. £7.17 each, over M8 £11.39 each.

Discounts: 20+ -15% 40+ -20% 60+ -25% 100+ -30%

Part Number	* New Pilot Bore ØB	Finished Bore ØB	Max Bore ØB	ØD	L	C	Clamp Screw	Ang. Offset	Para Offset	Torque Nm			Price Each 1 - 19
										Non Reversing	Shock & Reversing	Max Torque	
ALUMINIUM													
BC22 PB	1.6 x 2.9	-	4.76	9.52	19.55	5.30	M1.6	3°	0.12	0.50	0.25	1.00	£32.41
BC22-3X3	-	3 x 3	4.76	9.52	19.55	5.30	M1.6	3°	0.12	0.50	0.25	1.00	£36.31
BC23 PB	2.5 x 4.5	-	6.35	12.70	22.86	6.50	M2	5°	0.17	1.00	0.50	2.00	£29.79
BC23-4X4	-	4 x 4	6.35	12.70	22.86	6.50	M2	5°	0.17	1.00	0.50	2.00	£29.79
BC24 PB	2.7 x 5.8	-	10.00	19.05	26.00	6.50	M2.5	7°	0.25	2.60	1.30	5.30	£33.36
BC24-5X6	-	5 x 6	10.00	19.05	26.00	6.50	M2.5	7°	0.25	2.60	1.30	5.30	£37.38
BC25 PB	3.3 x 7.5	-	12.70	25.40	38.10	11.00	M3	7°	0.38	5.00	2.50	10.00	£39.13
BC25-6X6	-	6 x 6	12.70	25.40	38.10	11.00	M3	7°	0.38	5.00	2.50	10.00	£44.92
BC26 PB	5.0 x 9.2	-	16.00	31.75	57.15	16.00	M4	7°	0.50	7.50	3.75	15.00	£75.50
BC26-8X10	-	8 x 10	16.00	31.75	57.15	16.00	M4	7°	0.50	7.50	3.75	15.00	£84.56
BC27 PB	6.8 x 11.0	-	19.00	38.10	66.67	18.00	M5	7°	0.60	11.00	5.50	22.00	£98.15
BC27-10X12	-	10 x 12	19.00	38.10	66.67	18.00	M5	7°	0.60	11.00	5.50	22.00	£106.66
BC29 PB	10.0 x 15.0	-	26.00	50.80	95.30	25.00	M6	7°	0.80	20.00	10.00	40.00	£138.76
BC29-14X16	-	14 x 16	26.00	50.80	95.30	25.00	M6	7°	0.80	20.00	10.00	40.00	£150.72
STAINLESS													
BC32 PB	1.6 x 2.9	-	4.76	9.52	19.55	5.30	M1.6	3°	0.12	0.75	0.38	1.50	£63.27
BC32-3X3	-	3 x 3	4.76	9.52	19.55	5.30	M1.6	3°	0.12	0.75	0.38	1.50	£72.92
BC33 PB	2.5 x 4.5	-	6.35	12.70	25.40	6.50	M2	5°	0.17	1.50	0.75	3.00	£54.54
BC33-4X4	-	4 x 4	6.35	12.70	25.40	6.50	M2	5°	0.17	1.50	0.75	3.00	£61.37
BC34 PB	2.7 x 5.8	-	10.00	19.05	28.00	6.50	M2.5	7°	0.25	4.00	2.00	8.00	£65.59
BC34-5X6	-	5 x 6	10.00	19.05	28.00	6.50	M2.5	7°	0.25	4.00	2.00	8.00	£72.06
BC35 PB	3.3 x 7.5	-	12.70	25.40	38.10	11.00	M3	7°	0.38	8.00	4.00	16.00	£75.84
BC35-6X6	-	6 x 6	12.70	25.40	38.10	11.00	M3	7°	0.38	8.00	4.00	16.00	£P.O.A
BC36 PB	5.0 x 9.2	-	16.00	31.75	57.15	16.00	M4	7°	0.50	12.50	6.25	25.00	£117.45
BC36-8X10	-	8 x 10	16.00	31.75	57.15	16.00	M4	7°	0.50	12.50	6.25	25.00	£134.53
BC37 PB	6.8 x 11.0	-	19.00	38.10	66.67	18.00	M5	7°	0.60	18.00	9.00	36.00	£168.81
BC37-10X12	-	10 x 12	19.00	38.10	66.67	18.00	M5	7°	0.60	18.00	9.00	36.00	£181.47
BC39 PB	10.0 x 15.0	-	26.00	50.80	95.30	25.00	M6	7°	0.80	36.50	18.25	73.00	£301.27
BC39-14X16	-	14 x 16	26.00	50.80	95.30	25.00	M6	7°	0.80	36.50	18.25	73.00	£313.22
DELTRIN													
BCN3 PB	2.5 x 4.5	-	6.35	12.70	22.86	6.50	M2	5°	0.18	0.25	0.13	0.51	£35.84
BCN4 PB	2.7 x 5.8	-	10.00	19.05	26.50	6.50	M2.5	7°	0.25	0.64	0.32	1.27	£38.60
BCN5 PB	3.3 x 7.5	-	12.70	25.40	38.10	11.00	M3	7°	0.38	1.38	0.69	3.39	£51.04
BCN6 PB	5.0 x 9.2	-	16.00	31.75	57.15	16.00	M4	10°	0.50	2.00	1.00	3.84	£66.20
BCN7 PB	6.8 x 11.0	-	19.00	38.10	66.67	18.00	M5	10°	0.68	3.00	1.50	5.65	£85.53
BCN9 PB	10.0 x 15.0	-	26.00	50.80	95.30	25.00	M6	10°	0.90	6.00	3.00	11.98	£121.40

Material

BC2: Aluminium L168 (HE15TF) BC3: Stainless Steel 303 S3U BCN: Delrin

Other Info.

Pilot Bore size not toleranced. **PB = Pilot Bored** Finished Bore sizes to +0.03/0.00. Maximum torque rating for momentary loads only. If chamber modified torque figures will change. The chamber diameter normally corresponds to the maximum permissible end bore.

STATIC TORSIONAL STIFFNESS Nm/Rad

BC22	2	BC32	6	BCN3	1.5
BC23	16	BC33	28	BCN4	3.0
BC24	51	BC34	80	BCN5	9.0
BC25	120	BC35	189	BCN6	16.0
BC26	250	BC36	405	BCN7	24.0
BC27	370	BC37	720	BCN9	47.0
BC29	760	BC39	1450		

* Some stock may remain at the previous pilot bore size which will be superseded with the new sizes when new stock is introduced.

+44 (0)1246 455500
+44 (0)1246 455522

ondrives

sales@ondrives.com
www.ondrives.com

Product information updated 1st April 2011 and subject to change. Please contact Sales for the latest prices and availability.