Panamech Multi-Beam stainless steel

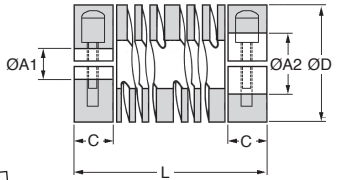
Couplings for servo-motors

HUCO BC3

Torque: 0.75 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 toleranced***





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

Part number	ØD	L	C	Set screw	Misalignment Radial (mm)	Misalignment Angular	Torsional rigidity (Nm/Rad)	Max. torque (Nm) shock and reversing	Max. torque (Nm) non reversing	Max. torque (Nm) peak torque
BC32	9,5	19,6	5,3	M1,6	0,12	3°	5,4	0,75	1,00	1,5
BC33	12,7	25,4	6,5	M2	0,17	5°	25	1,50	2,00	3,0
BC34	19,1	28,0	6,5	M2,5	0,25	7°	72	4,00	5,33	8,0
BC35	25,4	38,1	11,0	M3	0,38	7°	170	8,00	10,66	16,0
BC36	31,8	57,2	16,0	M4	0,50	7°	364	12,50	16,66	25,0
BC37	38,1	66,7	18,0	M5	0,60	7°	634	18,00	24,00	36,0
BC39	50,8	95,3	25,0	M6	0,90	7°	1305	36,50	48,66	73,0

Part number	ØA1 x ØA2 Pre-bores	ØA1 x ØA2 Min.	ØA1 x ØA2 Max.	ØA1 x ØA2 Standard Bores (H8)	Stock* Std. bores and pre-bores	Price each Std. bores and pre-bores	Price each Modified bore
BC32	2,0 x 2,8	2 x 4	4,76 x 4,76	-	-	63,86 €	76,63 €
BC33	2,5 x 4,5	3 x 5	6,35 x 6,35	6 x 6 6,35 x 6,35	✔	65,21 €	78,26 €
BC34	2,5 x 5,8	4,76 x 6,35	10 x 10	6 x 6	✔	83,96 €	100,75 €
BC35	3,5 x 7,5	5 x 8	12,70 x 12,70	6 x 6	✔	115,83 €	138,99 €
BC36	6,0 x 10,0	8 x 10	16 x 16	-	✔	152,72 €	183,27 €
BC37	8,0 x 12,0	8 x 12	19 x 19	-	✔	203,69 €	244,43 €
BC39	10,0 x 16,0	10 x 16	26 x 26	-	-	On request	On request

**Depending on availability - Dimensions in mm*