

- **3 part assembly**
- Max. speed: 3000 rpm
- Working temperature: -20°C to +60°C
- Materials:
 - Hub: Alocrom coated aluminium 6082
 - Disk: black acetel

Service factor	
Usage	Factor
Momentary	1
1h/day	2
3h/day	4
6h/day	6
12h/day	8

Torque to be transmitted X Service Factor must be less than Peak Torque



clamp fixing

Advantages

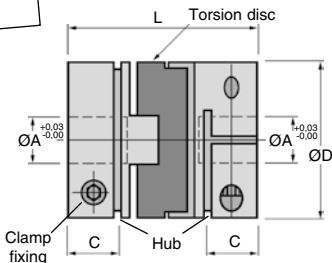
- Misalignment does not affect load
- No lubrication
- Low inertia
- Non magnetic

Info

- Delivered not assembled

STANDARD BORE IN STOCK

	Misalignment at 3000 rpm			Peak (Nm)	Torque Static break (Nm)	Moment of inertia (kgm ² x 10 ⁻³)	Torsional stiffness (Nm/Rad)
	Radial (± mm)	Axial (± mm)	Angular (± °)				
BGC19	0,20	0,10	0,5°	1,7	8	67	115
BGC25	0,20	0,10	0,5°	4,0	13	252	205
BGC33	0,20	0,15	0,5°	9,0	53	1 074	615
BGC41	0,25	0,15	0,5°	17,0	57	3 327	1 200
BGC50	0,25	0,20	0,5°	30,0	95	7 550	1 375
BGC57	0,25	0,20	0,5°	44,0	150	12 410	2 610



DISCOUNTS

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

Part number	Standard bores (mm)	Optional bores (mm)	ØD	L	C	Vis	Weight (g)	Standard bores	Price each 1 to 4 Standard bores
BGC19	4	5, 6, 6.35, 8	19,10	22,00	6,30	M2,5	12	✓	20,98 €
BGC25	6, 8, 10	6.35, 9.52, 12	25,40	28,40	8,60	M3	31	✓	30,10 €
BGC33	8, 9.52, 10, 14	12, 12.7, 15, 16	33,30	42,00	13,00	M4	86	✓	44,18 €
BGC41	9.52, 12, 14	10, 15, 16, 18, 19, 20	41,30	50,80	16,70	M4	148	✓	49,06 €
BGC50	10, 20	12, 14, 15, 16, 18, 19, 24, 25	50,00	59,60	20,60	M5	208	✓	120,67 €
BGC57	12, 20	14, 15, 16, 18, 19, 24, 25, 30	57,10	78,00	28,40	M6	361	✓	138,35 €

*Depending on availability - Dimensions in mm

Our other products



M1

Worm and wheel set,
Non hardened steel



AT5P_AT10P

Connecting plate for
AT type timing belts,
AT10



PSG25

Spur gear - precision
range, Case hardened
steel 20NCD2



SLB

Indexing plunger,
steel class 5.8



GBS

Nut for ballscrew,
Flanged ballscrew nut



SCA_SS

Stainless steel flat
cable clamp, Stainless
steel



PARF110

Pressed steel base
rigid foot, Swivelling
Ø110



NPCR

Adjustable cell
support, Adjustable



PTKFss

Cap nut for foot for
the food industry,
Stainless steel blind



BC3

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



GLT3-76

Telescopic drawer,



T10courroie

T type timing belt,
T10 Steel cored
polyurethane

Complementary products



BG

Oldham coupling,
With set screw