Model No.

Model No.	Parts no. ①③④⑥	
	Material	Surface Finish
GFK ☐☐ - S ☐ B	S50C	Black Dyed
GFK ☐☐ - S ☐ N		Ni-Plating

GFK-B

GFK06 ~ GFK08

4-Ød1 through holes, Ød2 bored ZL

GFK10 ~ GFK30

4-Ød1 through holes, Ød2 bored ZL
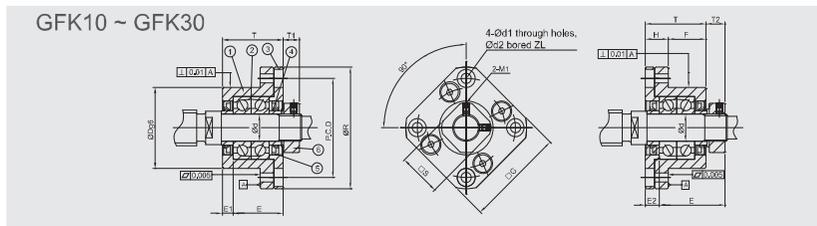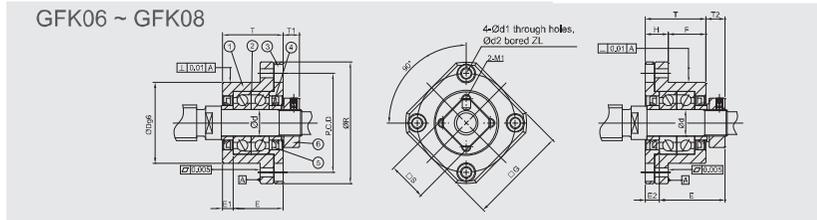
Specification

Standard Type			Dimensions												
Light pre-loaded	Medium pre-loaded	Hard pre-loaded	Ød	ØR	☐G	T	H	F	ØDg6	E	Installation (A)		Installation (B)		PCD
											T1	E1	T2	E2	
GFK06-SL☐	GFK06-SM☐	GFK06-SH☐	6	36	28	20	7	13	22	22	5.5	3.5	6.5	4.5	28
GFK08-SL☐	GFK08-SM☐	GFK08-SH☐	8	43	35	23	9	14	28	26	7	4	8	5	35
GFK10-SL☐	GFK10-SM☐	GFK10-SH☐	10	52	42	27	10	17	34	29.5	7.3	5	8.5	6	42
GFK12-SL☐	GFK12-SM☐	GFK12-SH☐	12	54	44	27	10	17	36	29.5	7.3	5	8.5	6	44
GFK15-SL☐	GFK15-SM☐	GFK15-SH☐	15	63	52	32	15	17	40	36	9.8	6	12	8	50
GFK17-SL☐	GFK17-SM☐	GFK17-SH☐	17	77	61	45	22	23	50	47	11	9	14	12	62
GFK20-SL☐	GFK20-SM☐	GFK20-SH☐	20	85	68	52	22	30	57	50	7.8	10	12	14	70
GFK25-SL☐	GFK25-SM☐	GFK25-SH☐	25	98	79	57	27	30	63	60	12.8	10	20	17	80
GFK30-SL☐	GFK30-SM☐	GFK30-SH☐	30	117	93	62	30	32	75	61	10.8	12	17	18	95

Ordering Example	GFK Model No.	10 Shaft Dia.	SL Grade/Pre-loaded	N Surface finish	J Bearing category

GFK-N

Components

No.	Parts	Material	Q'ty
①	Main housing	S50C	1
②	Bearing	SUJ2	1 pair
③	Cover	S50C	1
④	Space ring	S50C	2
⑤	Seal (<Ø8 one seal only)	NBR	2
⑥	Lucknut	S50C	1

- ①②③ are in one unit. No disassemble for accuracy concern.
- Bearing filled with proper lithium soap lubricant and sealed.

Recommended processing dimensions of shaft

Installation(A)   Installation(B)
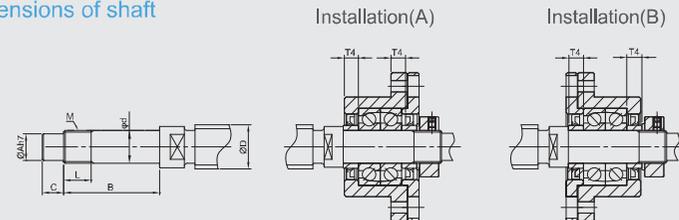
Unit：mm

					Recommended processing dimensions of shaft						
					Ball Screw Shaft O. D.	Shaft End Diameter	Processing sizes of shaft			Nominal thread	Space ring length
Ød1	Ød2	Z	M1	☐S	ØD	Ød	ØA	B	C	M	L	T4
3.4	6	3.3	M3	12	8	6	4	28	8	M6*P0.75	8	5
3.4	6	3.3	M3	14	10 / 12	8	6	32	9	M8*P1.0	10	5.5
4.5	8	4	M3	16	12 / 14 / 15	10	8	36	15	M10*P1.0	11	5.5
4.5	8	4	M3	19	14 / 15 / 16	12	10	36	15	M12*P1.0	11	5.5
5.5	9.5	6	M3	22	18 / 20	15	12	47	20	M15*P1.0	13	10
6.6	11	10	M4	24	20 / 25	17	15	53	23	M17*P1.0	17	7
6.5	11	10	M4	30	25 / 28 / 30	20	17	62	25	M20*P1.0	17	11
9	15	13	M5	35	30 / 32 / 36	25	20	76	30	M25*P1.5	20	15
11	17.5	15	M6	40	36 / 40	30	25	72	38	M30*P1.5	25	9