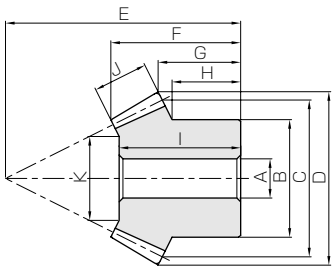
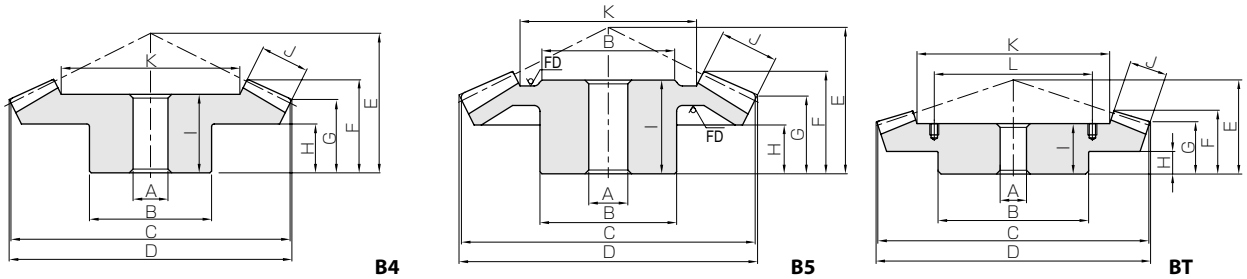
Specifications	
Precision grade	JIS B 1704 grade 3
Gear teeth	Gleason
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	less than 194HB



B3

Catalog No.	Gear ratio	Module	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Mounting distance	Total length	Crown to back length	Hub width
					A_{H7}	B	C	D	E	F	G	H
SB1.5-3020	1.5	***m*1.5**	30	B4	10	30	45	46.24	28	18.53	13.93	8
SB1.5-2030			20	B3	8	25	30	33.13	33	18.63	11.54	8.83
SB2-3020		***m*2**	30	B4	10	35	60	61.65	40	26.87	21.24	15
SB2-2030			20	B3	10	30	40	44.18	45	25.06	16.39	11.67
SB2.5-3020		***m*2.5**	30	B4	15	45	75	77.07	50	34.22	26.55	18
SB2.5-2030			20	B3	12	35	50	55.22	55	31.06	19.24	12.5
SB3-3020		***m*3**	30	B4	15	50	90	92.48	55	35.56	26.86	17
SB3-2030			20	B3	15	45	60	66.27	70	40.48	27.09	20
SB4-3020		***m*4**	30	B4	20	70	120	123.3	75	47.71	37.48	25
SB4-2030			20	B3	15	60	80	88.32	90	48.53	32.77	23.33
SB5-3020		***m*5**	30	B4	25	90	150	154.13	90	58.45	43.1	24
SB5-2030			20	B3	20	80	100	110.45	110	62.11	38.48	28.33
SB1.5-3015	2	***m*1.5**	30	B4	8	25	45	45.88	25	17.85	14.63	9
SB1.5-1530			15	B3	6	16	22.5	26.11	32	17.23	10.4	7.88
SB2-3015		***m*2**	30	B4	10	30	60	61.17	31	21.6	17.17	10
SB2-1530			15	B3	8	22	30	34.81	40	20.59	11.2	8
SB2.5-3015		***m*2.5**	30	B4	15	40	75	76.46	40	28.75	22.71	15
SB2.5-1530			15	B3	12	30	37.5	43.51	55	31.81	19	15.63
SB3-3015		***m*3**	30	B4	16	50	90	91.76	50	37.31	29.26	18
SB3-1530			15	B3	12	35	45	52.22	70	43.88	26.8	22.5
SB4-3015		***m*4**	30	B4	20	60	120	122.34	60	42.4	32.34	20
SB4-1530			15	B3	16	50	60	69.62	85	48.74	27.41	22.5
SB5-3015		***m*5**	30	B5	20	70	150	152.93	75	52.5	40.43	25
SB5-1530			15	B3	20	60	75	87.03	110	63.61	38.01	31.25
SB6-3015		***m*6**	30	B5	25	80	180	183.49	90	62.56	48.49	28
SB6-1530			15	B3	25	70	90	104.44	125	68.48	38.61	30
SB2.5-3618	2	***m*2.5**	36	B4	15	55	90	91.46	43	28.52	21.96	13
SB2.5-1836			18	B3	12	38	45	51.01	64	34.27	20.5	17.25
SB3-3618		***m*3**	36	B4	20	60	108	109.76	52	34.95	26.76	17
SB3-1836			18	B3	16	46	54	61.23	75	40.01	22.81	19
SB4-3618		***m*4**	36	B4	20	70	144	146.34	72	49	38.34	25
SB4-1836			18	B3	20	60	72	81.62	100	52.77	30.41	25
SB1-4020	2	***m*1**	40	B4	8	25	40	40.59	22	15.07	12.59	8
SB1-2040			20	B3	6	16	20	22.41	28	13.78	8.6	7
SB1.25-4020		***m*1.25**	40	B4	10	32	50	50.73	27	18.54	15.23	10
SB1.25-2040			20	B3	8	22	25	28.01	36	18.66	11.75	10.25
SB1.5-4020		***m*1.5**	40	B4	10	38	60	60.88	35	25.01	20.88	15
SB1.5-2040			20	B3	8	25	30	33.61	46	25.54	16.9	14.75
SB2-4020		***m*2**	40	B4	12	40	80	81.17	45	32.37	26.17	18
SB2-2040			20	B3	12	32	40	44.81	60	34.16	21.2	18
SB2.5-4020		***m*2.5**	40	B4	15	50	100	101.46	55	39.73	31.46	20
SB2.5-2040			20	B3	12	40	50	56.01	75	43.78	26.5	22.5
SB3-4020		***m*3**	40	B4	20	60	120	121.76	65	45.85	36.76	24
SB3-2040			20	B3	16	50	60	67.22	90	50.81	31.8	27.5
SB4-4020		***m*4**	40	B4	20	70	160	162.34	80	53.92	42.34	28
SB4-2040			20	B3	20	60	80	89.62	120	66.59	42.41	35
SB5-4020		***m*5**	40	B5	25	100	200	202.93	90	55.33	42.93	26
SB5-2040			20	B3	20	80	100	112.03	140	68.92	43.01	35
SB6-4020		***m*6**	40	B5	25	85	240	243.52	105	65.05	48.52	28
SB6-2040			20	B3	25	90	120	134.44	160	78.16	43.6	32.5
SBY8-4020		***m*8**	40	BT	35	180	320	324.69	130	75.36	54.69	25
SBY8-2040			20	B3	30	120	160	179.25	210	98	54.81	40

[Caution on Product Characteristics]
① The allowable torques shown in the table are the calculated values according to the assumed usage conditions. Please see page 451 for more details.
② Dimensions of the outside diameter, the overall length and crown to back length are all theoretical values, and some differences will occur due to the corner chamfering of the gear tips.
③ For convenience in handling, BT Shaped Gears have tapped holes on their holding surface. To find the L dimensions and tap sizes, please refer to page 452.



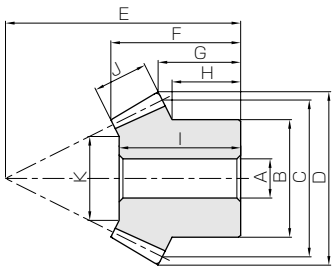
B4 B5 BT

＊ FD has die-forged finish.

Length of bore	Face width	Holding surface dia.	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash	Weight	Catalog No.
I	J	K	Bending strength	Surface durability	Bending strength	Surface durability	(mm)	(kg)	
16	9	27.37	5.82	0.65	0.59	0.07	0.05~0.15	0.12	**SB1.5-3020**
17		17.05	4.04	0.44	0.41	0.04		0.063	**SB1.5-2030**
23	11	37.56	13.1	1.52	1.33	0.16	0.06~0.16	0.26	**SB2-3020**
22		21.34	9.07	1.01	0.92	0.10		0.14	**SB2-2030**
30	15	45.61	26.9	3.21	2.75	0.33	0.07~0.17	0.55	**SB2.5-3020**
28		27.42	18.7	2.14	1.91	0.22		0.25	**SB2.5-2030**
31	17	57.14	44.9	5.45	4.58	0.56	0.08~0.18	0.83	**SB3-3020**
37		34.71	31.2	3.63	3.18	0.37		0.50	**SB3-2030**
40	20	78.59	98.2	12.3	10.0	1.25	0.12~0.27	1.91	**SB4-3020**
43		46.89	68.1	8.20	6.95	0.84		1.10	**SB4-2030**
50	30	91.22	215	27.6	22.0	2.81	0.14~0.34	4.13	**SB5-3020**
56		54.83	150	18.4	15.3	1.87		2.34	**SB5-2030**
15	8	28.36	5.02	0.47	0.51	0.05	0.05~0.15	0.10	**SB1.5-3015**
15.5		10.72	2.60	0.24	0.26	0.02		0.028	**SB1.5-1530**
18	11	37.4	12.1	1.18	1.24	0.12	0.06~0.16	0.21	**SB2-3015**
19		16.81	6.28	0.59	0.64	0.06		0.064	**SB2-1530**
24	15	44.21	24.9	2.48	2.54	0.25	0.07~0.17	0.41	**SB2.5-3015**
29		16.42	12.9	1.24	1.32	0.13		0.15	**SB2.5-1530**
30	20	47.78	45.6	4.60	4.65	0.47	0.08~0.18	0.83	**SB3-3015**
41		19.56	23.6	2.30	2.41	0.23		0.31	**SB3-1530**
36	25	70.1	104	10.9	10.7	1.11	0.12~0.27	1.64	**SB4-3015**
46		32.2	54.0	5.43	5.51	0.55		0.66	**SB4-1530**
48	30	90.41	199	21.3	20.3	2.17	0.14~0.34	2.72	**SB5-3015**
58		32.83	103	10.6	10.5	1.09		1.28	**SB5-1530**
57	35	109.74	336	36.9	34.2	3.77	0.16~0.36	4.75	**SB6-3015**
63		45.48	174	18.5	17.7	1.88		1.94	**SB6-1530**
24	16	57.72	35.9	4.08	3.66	0.42	0.07~0.17	0.72	**SB2.5-3618**
32		25.44	18.1	2.04	1.84	0.21		0.27	**SB2.5-1836**
30	20	68.28	63.7	7.34	6.49	0.75	0.08~0.18	1.15	**SB3-3618**
37		28.56	32.0	3.67	3.27	0.37		0.44	**SB3-1836**
42	26	91.86	149	17.7	15.2	1.80	0.12~0.27	2.66	**SB4-3618**
49		39.72	74.8	8.85	7.62	0.90		1.04	**SB4-1836**
12	6	26.58	2.61	0.29	0.27	0.03	0.03~0.13	0.068	**SB1-4020**
12		9.17	1.32	0.15	0.13	0.02		0.019	**SB1-2040**
16	8	33.61	5.33	0.61	0.54	0.06	0.04~0.14	0.14	**SB1.25-4020**
17		13.22	2.69	0.31	0.27	0.03		0.046	**SB1.25-2040**
22	10	39.64	9.47	1.11	0.97	0.11	0.05~0.15	0.27	**SB1.5-4020**
24		17.28	4.77	0.56	0.49	0.06		0.089	**SB1.5-2040**
27	15	48.46	24.2	2.92	2.46	0.30	0.06~0.16	0.51	**SB2-4020**
32		20.92	12.2	1.46	1.24	0.15		0.19	**SB2-2040**
35	20	60.28	49.0	6.04	4.99	0.62	0.07~0.17	1.09	**SB2.5-4020**
41		24.56	24.7	3.02	2.52	0.31		0.40	**SB2.5-2040**
38	22	73.81	80.4	10.1	8.20	1.03	0.08~0.18	1.68	**SB3-4020**
47		29.61	40.5	5.06	4.13	0.52		0.70	**SB3-2040**
45	28	102.39	185	24.1	18.9	2.46	0.12~0.27	3.34	**SB4-4020**
62		42.78	93.3	12.0	9.51	1.23		1.47	**SB4-2040**
50	30	138.92	327	43.9	33.3	4.47	0.14~0.34	5.63	**SB5-4020**
63		57.84	165	21.9	16.8	2.24		2.67	**SB5-2040**
58	40	158.56	600	83.2	61.2	8.48	0.16~0.36	7.77	**SB6-4020**
70		61.11	302	41.6	30.8	4.24		4.08	**SB6-2040**
61	50	219.2	1350	196	138	20.0	0.20~0.45	25.75	**SBY8-4020**
90		96.39	679	98.1	69.3	10.0		9.41	**SBY8-2040**

[Caution on Secondary Operations] ① Please read "Caution on Performing Secondary Operations" (Page 452) when performing modifications and/or secondary operations for safety concerns. Haguruma Kobo, the KHK's system for quick modification of KHK stock gears is also available.

Specifications	
Precision grade	JIS B 1704 grade 3
Gear teeth	Gleason
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	less than 194HB

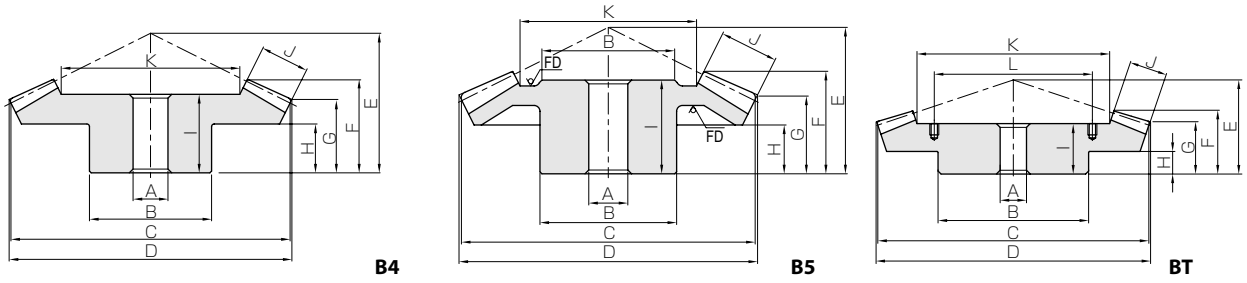


B3

Catalog No.	Gear ratio	Module	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Mounting distance	Total length	Crown to back length	Hub width
					A_{H7}	B	C	D	E	F	G	H
SB1-4518	2.5	***m*1**	45	B4	8	30	45	45.46	23	16.95	14.57	10
SB1-1845			18	B3	6	15	18	20.57	32	16.34	10.02	8.9
SB1.25-4518		***m*1.25**	45	B4	10	34	56.25	56.82	26	18.53	15.46	10
SB1.25-1845			18	B3	8	19	22.5	25.72	40	20.66	12.52	11.17
SB1.5-4518		***m*1.5**	45	B4	10	36	67.5	68.18	30	21.1	17.35	10
SB1.5-1845			18	B3	8	23	27	30.86	45	21.97	12.02	10.45
SB2-4518		***m*2**	45	B4	12	48	90	90.91	40	27.91	23.14	15
SB2-1845			18	B3	10	32	36	41.15	60	28.69	16.03	14.2
SB2.5-4518		***m*2.5**	45	B4	15	55	112.5	113.64	50	35.06	28.92	18
SB2.5-1845			18	B3	12	40	45	51.44	72	33.31	17.04	14.75
SB3-4518		***m*3**	45	B4	20	65	135	136.37	60	41.86	34.71	22
SB3-1845			18	B3	16	48	54	61.72	85	38.04	19.05	16.3
SB4-4518		***m*4**	45	B4	20	80	180	181.82	75	51.16	41.28	24
SB4-1845			18	B3	20	62	72	82.3	110	48.28	22.06	18
SB5-4518		***m*5**	45	B4	25	100	225	227.28	90	59.43	47.85	28
SB5-1845			18	B3	20	80	90	102.87	135	55.82	25.07	20.5
SB1-4515	3	***m*1**	45	B4	8	30	45	45.37	17	11.77	10.06	5
SB1-1545			15	B3	6	12	15	17.67	29	12.51	6.95	6
SB1.25-4515		***m*1.25**	45	B4	10	34	56.25	56.72	21	14.61	12.33	6
SB1.25-1545			15	B3	8	15	18.75	22.09	36	15.85	8.43	7.25
SB1.5-4515		***m*1.5**	45	B4	10	36	67.5	68.06	28	20.44	17.59	11
SB1.5-1545			15	B3	8	18	22.5	26.54	47	23.19	13.92	12.5
SB2-4515		***m*2**	45	B4	12	40	90	90.75	40	30.4	26.12	17
SB2-1545			15	B3	10	24	30	35.35	60	29.8	15.89	14
SB2.5-4515		***m*2.5**	45	B4	15	50	112.5	113.43	50	38.35	32.65	22
SB2.5-1545			15	B3	12	30	37.5	44.18	75	38.41	19.86	17.5
SB3-4515		***m*3**	45	B4	20	60	135	136.12	55	40.74	34.18	20
SB3-1545			15	B3	15	38	45	53.02	90	45.17	23.84	21.33
SB4-4515		***m*4**	45	B5	20	80	180	181.5	70	50.79	42.24	24
SB4-1545			15	B3	16	50	60	70.69	115	54.6	26.78	23.33
SB5-4515		***m*5**	45	B5	25	90	225	226.87	75	50.28	40.3	20
SB5-1545			15	B3	20	60	75	88.37	145	67.19	34.73	30
SB6-4515		***m*6**	45	BT	30	160	270	272.24	100	72.62	58.36	30
SB6-1545			15	B3	25	70	90	106.03	175	89.04	42.67	36.67
SBY8-4515		***m*8**	45	BT	35	200	360	362.99	125	83.74	69.49	30
SBY8-1545			15	B3	30	100	120	141.39	230	99.93	53.56	46.67

[Caution on Product Characteristics]
① The allowable torques shown in the table are the calculated values according to the assumed usage conditions. Please see page 451 for more details.
② Dimensions of the outside diameter, the overall length and crown to back length are all theoretical values, and some differences will occur due to the corner chamfering of the gear tips.
③ For convenience in handling, BT Shaped Gears have tapped holes on their holding surface. To find the L dimensions and tap sizes, please refer to page 452.

Steel Bevel Gears



B4 B5 BT

＊ FD has die-forged finish.

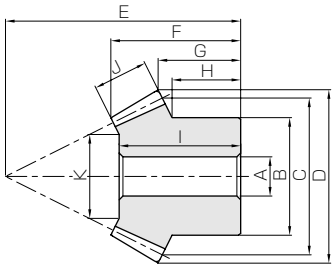
Length of bore	Face width	Holding surface dia.	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash	Weight	Catalog No.
I	J	K	Bending strength	Surface durability	Bending strength	Surface durability	(mm)	(kg)	
15	7	30.73	3.35	0.35	0.34	0.04	0.03~0.13	0.11	**SB1-4518**
15.5		10.31	1.33	0.14	0.14	0.01		0.019	**SB1-1845**
16	9	37.86	6.67	0.72	0.68	0.07	0.04~0.14	0.17	**SB1.25-4518**
19.5		12.16	2.65	0.29	0.27	0.03		0.038	**SB1.25-1845**
18	11	45	11.7	1.29	1.19	0.13	0.05~0.15	0.28	**SB1.5-4518**
21		16.51	4.64	0.51	0.47	0.05		0.063	**SB1.5-1845**
25	14	62.24	26.8	3.05	2.74	0.31	0.06~0.16	0.65	**SB2-4518**
27.5		23.11	10.7	1.22	1.09	0.12		0.16	**SB2-1845**
31	18	76.53	53.4	6.20	5.44	0.63	0.07~0.17	1.23	**SB2.5-4518**
31.5		26.82	21.2	2.48	2.16	0.25		0.28	**SB2.5-1845**
37	21	92.96	90.5	10.7	9.23	1.09	0.08~0.18	2.05	**SB3-4518**
36		33.41	36.0	4.29	3.67	0.44		0.46	**SB3-1845**
45	29	122.33	220	26.8	22.4	2.73	0.12~0.27	4.69	**SB4-4518**
46		45.83	87.3	10.7	8.91	1.09		1.01	**SB4-1845**
51	34	156.56	411	51.8	41.9	5.28	0.14~0.34	8.31	**SB5-4518**
52.5		56.9	164	20.7	16.7	2.11		1.95	**SB5-1845**
9	6	32.02	2.84	0.27	0.29	0.027	0.03~0.13	0.078	**SB1-4515**
12		10.05	0.98	0.09	0.10	0.0091		0.095	**SB1-1545**
12	8	39.63	5.80	0.56	0.59	0.057	0.04~0.14	0.15	**SB1.25-4515**
15		10.9	2.00	0.19	0.20	0.019		0.018	**SB1.25-1545**
17	10	46.58	10.3	1.02	1.05	0.10	0.05~0.15	0.25	**SB1.5-4515**
22.5		14.75	3.56	0.34	0.36	0.035		0.041	**SB1.5-1545**
26	15	59.04	26.4	2.68	2.69	0.27	0.06~0.16	0.60	**SB2-4515**
29		19.13	9.10	0.89	0.93	0.091		0.096	**SB2-1545**
35	20	72.84	53.6	5.55	5.46	0.57	0.07~0.17	1.22	**SB2.5-4515**
37		20.51	18.5	1.85	1.89	0.19		0.19	**SB2.5-1545**
35	23	88.18	90.2	9.53	9.20	0.97	0.08~0.18	1.99	**SB3-4515**
43		22.53	31.2	3.18	3.18	0.32		0.34	**SB3-1545**
45	30	118.09	211	23.0	21.5	2.35	0.12~0.27	3.89	**SB4-4515**
52		32.26	72.8	7.67	7.43	0.78		0.77	**SB4-1545**
44	35	152.88	394	44.3	40.2	4.52	0.14~0.34	6.10	**SB5-4515**
65		48.64	136	14.8	13.9	1.51		1.46	**SB5-1545**
62	50	169.26	751	87.0	76.6	8.87	0.16~0.36	18.0	**SB6-4515**
86		49.77	259	39.9	26.4	4.06		2.61	**SB6-1545**
67	50	255.92	1470	179	150	18.3	0.20~0.45	36.4	**SBY8-4515**
93		61.77	506	59.7	51.6	6.09		5.80	**SBY8-1545**

[Caution on Secondary Operations] ① Please read "Caution on Performing Secondary Operations" (Page 452) when performing modifications and/or secondary operations for safety concerns. Haguruma Kobo, the KHK's system for quick modification of KHK stock gears is also available.

SB・SBY Steel Bevel Gears

Module 1.5 ～ 6

Specifications	
Precision grade	JIS B 1704 grade 3
Gear teeth	Gleason
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	less than 194HB



B3

Catalog No.	Gear ratio	Module	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Mounting distance	Total length	Crown to back length	Hub width
					A_{H7}	B	C	D	E	F	G	H
SB1.5-6015	4	***m*1.5**	60	B4	12	50	90	90.41	32	24.2	21.58	12
SB1.5-1560			15	B3	8	18	22.5	26.66	56	23.01	11.52	10.43
SB2-6015		***m*2**	60	B4	15	60	120	120.55	42	31.6	28.1	16
SB2-1560			15	B3	10	24	30	35.55	75	31.01	15.69	14.25
SB2.5-6015		***m*2.5**	60	B4	20	70	150	150.69	53	40	35.63	20
SB2.5-1560			15	B3	12	30	37.5	44.44	94	39.02	19.87	18.06
SB3-6015		***m*3**	60	B4	20	80	180	180.83	64	47.97	43.15	25
SB3-1560			15	B3	15	38	45	53.33	112	44.1	23.04	21.12
SB4-6015		***m*4**	60	B5	25	85	240	241.1	80	59.2	52.2	36
SB4-1560			15	B3	16	50	60	71.10	150	62.03	31.39	28.75
SBY5-6015		***m*5**	60	BT	30	180	300	301.36	80	53.97	45.22	20
SBY5-1560			15	B3	25	60	75	88.9	185	75.03	36.74	33.13
SBY6-6015		***m*6**	60	BT	35	200	360	361.66	100	68.16	58.31	25
SBY6-1560			15	B3	25	75	90	106.66	220	85.17	42.08	38.13

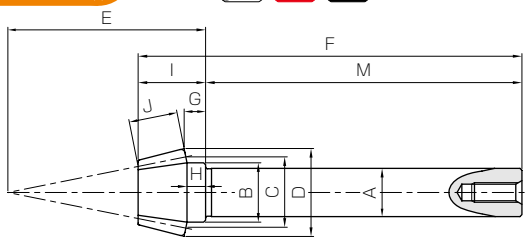
[Caution on Product Characteristics]
① The allowable torques shown in the table are the calculated values according to the assumed usage conditions. Please see page 451 for more details.
② Dimensions of the outside diameter, the overall length and crown to back length are all theoretical values, and some differences will occur due to the corner chamfering of the gear tips.
③ For convenience in handling, BT Shaped Gears have tapped holes on their holding surface. To find the L dimensions and tap sizes, please refer to page 452.

SB Steel Bevel Gears & Pinion Shafts

Module 1.5 ～ 3

Specifications	
Precision grade	JIS B 1704 grade 3
Gear teeth	Gleason
Pressure angle	20°
Material	S45C
Heat treatment	—*
Tooth hardness	less than 194HB *

* Pinions are thermal refined. The hardness of a gear tooth is 225 to 260HB.

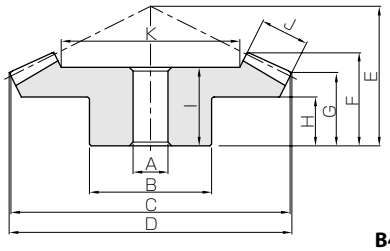


B8

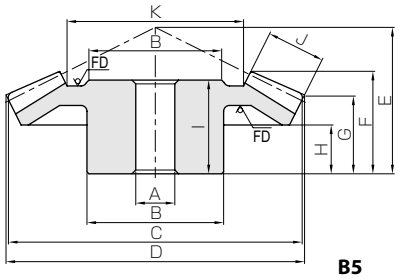
Catalog No.	Gear ratio	Module	No. of teeth	Shape	Bore・Shaft dia.	Hub dia.	Pitch dia.	Outside dia.	Mounting distance	Total length	Crown to back length	Hub width	Length of bore・shaft
					$A_{H7(Bore)}$ $A_{h7(Shaft)}$	B	C	D	E	F	G	H	I
SB1.5-6012	5	***m*1.5**	60	B4	12	50	90	90.33	30	23.89	21.82	12	21
SB1.5-1260			12	B8	12.2	15	18	22.24	50	97.06	5.42	4.7	17.06
SB2-6012		***m*2**	60	B4	15	60	120	120.43	40	31.85	29.09	16	24
SB2-1260			12	B8	15.2	20	24	29.65	66	117.08	6.56	5.6	22.08
SB2.5-6012		***m*2.5**	60	B4	20	70	150	150.54	50	39.81	36.36	20	34
SB2.5-1260			12	B8	20.2	25	30	37.06	83	143.1	8.7	7.5	28.1
SB3-6012		***m*3**	60	B4	20	80	180	180.65	60	47.43	43.64	25	41
SB3-1260			12	B8	25.25	30	36	44.48	100	172.19	10.85	9.4	32.19

[Caution on Product Characteristics]
① The allowable torques shown in the table are the calculated values according to the assumed usage conditions. Please see page 451 for more details.
② Dimensions of the outside diameter, the overall length and crown to back length are all theoretical values, and some differences will occur due to the corner chamfering of the gear tips.

Steel Bevel Gears



B4



B5

BT

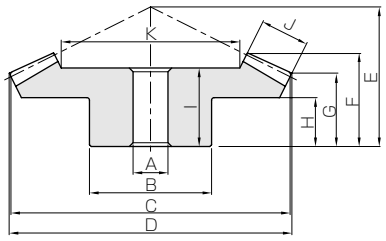
＊ FD has die-forged finish.

Length of bore	Face width	Holding surface dia.	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash	Weight	Catalog No.
I	J	K	Bending strength	Surface durability	Bending strength	Surface durability	(mm)	(kg)	
21	12	65.38	17.3	1.75	1.77	0.18	0.05~0.15	0.62	**SB1.5-6015**
22.5		15.54	4.46	0.44	0.45	0.045		0.043	**SB1.5-1560**
27	16	87.02	41.3	4.30	4.21	0.44	0.06~0.16	1.35	**SB2-6015**
30		18.06	10.6	1.07	1.08	0.11		0.10	**SB2-1560**
34	20	108.64	80.2	8.54	8.18	0.87	0.07~0.17	2.51	**SB2.5-6015**
37.5		20.57	20.6	2.13	2.10	0.22		0.21	**SB2.5-1560**
41	22	134.4	130	14.2	13.3	1.44	0.08~0.18	4.16	**SB3-6015**
43		31.58	33.5	3.54	3.42	0.36		0.36	**SB3-1560**
53	32	174.03	328	37.0	33.5	3.77	0.12~0.27	6.00	**SB4-6015**
60		36.12	84.5	9.24	8.62	0.94		0.91	**SB4-1560**
45	40	218.79	642	74.4	65.4	7.59	0.14~0.34	17.5	**SBY5-6015**
73		49.15	165	18.6	16.8	1.90		1.58	**SBY5-1560**
56	45	267.73	1050	126	107	12.8	0.16~0.36	30.7	**SBY6-6015**
82		54.92	270	31.5	27.5	3.21		2.83	**SBY6-1560**

[Caution on Secondary Operations] ① Please read "Caution on Performing Secondary Operations" (Page 452) when performing modifications and/or secondary operations for safety concerns. Haguruma Kobo, the KHK's system for quick modification of KHK stock gears is also available.

SB

Steel Bevel Gears & Pinion Shafts



B4

Face width	Holding surface dia.	Shaft length	Screw size	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash	Weight	Catalog No.
J	K	M		Bending strength	Surface durability	Bending strength	Surface durability	(mm)	(kg)	
12	65.52	—	—	18.0	1.41	1.83	0.14	0.05~0.15	0.62	**SB1.5-6012**
	—	80	M5	4.01	0.46	0.41	0.047		0.097	**SB1.5-1260**
16	86.96	—	—	42.6	3.43	4.34	0.35	0.06~0.16	1.34	**SB2-6012**
	—	95	M6	9.50	1.12	0.97	0.11		0.19	**SB2-1260**
20	108.8	—	—	83.2	6.85	8.48	0.70	0.07~0.17	2.54	**SB2.5-6012**
	—	115	M8	18.5	2.23	1.89	0.23		0.40	**SB2.5-1260**
22	134.73	—	—	135	11.4	13.8	1.16	0.08~0.18	4.18	**SB3-6012**
	—	140	M8	30.1	3.70	3.07	0.38		0.74	**SB3-1260**

[Caution on Secondary Operations] ① Please read "Caution on Performing Secondary Operations" (Page 452) when performing modifications and/or secondary operations for safety concerns. Haguruma Kobo, the KHK's system for quick modification of KHK stock gears is also available.