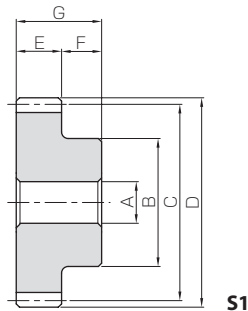




Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat Treatment	—
Tooth hardness	(less than 194HB)
Surface treatment	Black oxide coating



S1

Catalog Number	Module	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total Length	Web thickness	Web O.D.
				AH7	B	C	D	E	F	G	H	I
SS8-12	m8	12	S1	28	75	96	112	75	35	110	—	—
SS8-13		13			80	104	120					
SS8-14		14			85	112	128					
SS8-15		15			90	120	136					
SS8-16		16			100	128	144					
SS8-17		17			105	136	152					
SS8-18		18			110	144	160					
SS8-19		19			120	152	168					
SS8-20		20			130	160	176					
SS8-21		21			140	168	184					
SS8-22		22	S1	30	150	176	192	75	35	110	—	—
SS8-23		23			155	184	200					
SS8-24		24			160	192	208					
SS8-25		25			170	200	216					
SS8-26		26			170	208	224					
SS8-27		27			170	216	232					
SS8-28		28			180	224	240					
SS8-30		30			180	240	256					
SS8-32		32	S1	30	200	256	272	75	35	110	—	—
SS8-34		34			210	272	288					
SS8-35		35			210	280	296					
SS8-36		36			210	288	304					
SS8-38		38			220	304	320					
SS8-40		40			220	320	336					
SS8-42		42			230	336	352					
SS8-44		44			230	352	368					
SS8-45		45			230	360	376					
SS8-46		46			240	368	384					
SS8-48	m8	48	S1	30	240	384	400	75	35	110	—	—
SS8-50		50			240	400	416					
SS8-52		52			240	416	432					
SS8-54		54			240	432	448					
SS8-55		55			240	440	456					
SS8-56		56			240	448	464					
SS8-58		58			240	464	480					
SS8-59		59			240	472	488					
SS8-60		60			240	480	496					
SS10-15	m10	15	S1	30	115	150	170	90	40	130	—	—
SS10-20		20		30	165	200	220					
SS10-25		25		40	200	250	270					
SS10-26	m10	26	S1	40	200	260	280	90	40	130	—	—
SS10-27		27			220	270	290					
SS10-28		28			220	280	300					
SS10-29		29			230	290	310					
SS10-30		30			240	300	320					
SS10-32		32			250	320	340					
SS10-34		34			260	340	360					
SS10-35		35			260	350	370					
SS10-36		36			270	360	380					
SS10-38		38			270	380	400					
SS10-40		40	S1	40	280	400	420	90	40	130	—	—
SS10-42		42			290	420	440					
SS10-44		44			290	440	460					
SS10-45		45			290	450	470					
SS10-46		46			290	460	480					
SS10-48		48			300	480	500					
SS10-50		50			300	500	520					

S Semi-custom standard products

- No effort spent on design
Simply select the gears you need from the catalog, eliminating design costs.
- Fast delivery available
Products are delivered with a consistent production system and within the lead time listed in the catalog (for orders of 5 units or less).
- Reliable quality
The mark of trust "KHK" guarantees the quality of products listed in the catalog.

Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog Number
Bending strength	Surface durability	Bending strength	Surface durability			
975	62.6	99.5	6.39	0.28~0.58	4.94	SS8-12
1260	75.2	128	7.66		5.85	SS8-13
1580	88.9	161	9.06		6.83	SS8-14
1770	104	181	10.6		7.87	SS8-15
1970	121	200	12.3		9.20	SS8-16
2160	139	220	14.1		10.4	SS8-17
2360	158	240	16.1	0.32~0.66	11.7	SS8-18
2560	178	261	18.2		13.3	SS8-19
2760	200	281	20.4		15.0	SS8-20
2960	223	302	22.8		16.7	SS8-21
3170	248	323	25.3		18.6	SS8-22
3380	273	344	27.9		20.2	SS8-23
2990	250	305	25.5	0.28~0.58	22.0	SS8-24
3160	273	323	27.8		24.1	SS8-25
3340	297	341	30.3		25.6	SS8-26
3520	322	359	32.8		27.2	SS8-27
3700	348	377	35.5		29.6	SS8-28
4060	404	414	41.2		33.0	SS8-30
4084	421	416	42.9	0.28~0.58	38.3	SS8-32
4421	479	451	48.9		43.1	SS8-34
4591	510	468	52.0		45.2	SS8-35
4761	542	486	55.3		47.3	SS8-36
5103	608	520	62.0		52.6	SS8-38
5447	679	555	69.3	0.28~0.58	57.2	SS8-40
5793	754	591	76.9		63.0	SS8-42
6139	834	626	85.0		68.1	SS8-44
6313	875	644	89.2		70.7	SS8-45
6487	917	662	93.6		74.4	SS8-46
6836	1006	697	103	0.34~0.68	80.0	SS8-48
7187	1098	733	112		85.8	SS8-50
7538	1195	769	122		91.8	SS8-52
7890	1297	805	132		98.1	SS8-54
8066	1349	823	138		101	SS8-55
8243	1403	841	143	0.34~0.68	105	SS8-56
8596	1513	877	154		111	SS8-58
8773	1571	895	160		115	SS8-59
8951	1629	913	166		118	SS8-60
3330	203	339	20.7	0.34~0.68	15.0	SS10-15
4310	323	440	33.0		28.2	SS10-20
5930	529	605	54.0		43.3	SS10-25
5788	522	590	53.3	0.34~0.68	47.1	SS10-26
6096	566	622	57.7		51.1	SS10-27
6405	612	653	62.4		54.2	SS10-28
6716	660	685	67.3		58.4	SS10-29
7028	710	717	72.4		62.9	SS10-30
7657	815	781	83.1	0.34~0.68	71.0	SS10-32
8290	929	845	94.7		79.5	SS10-34
8608	988	878	101		83.4	SS10-35
8928	1050	910	107		88.6	SS10-36
9569	1180	976	120		96.8	SS10-38
10213	1318	1041	134	0.34~0.68	107	SS10-40
10861	1464	1108	149		117	SS10-42
11511	1619	1174	165		127	SS10-44
11837	1700	1207	173		132	SS10-45
12164	1782	1240	182		137	SS10-46
12818	1955	1307	199	0.34~0.68	149	SS10-48
13475	2136	1374	218		160	SS10-50

[Caution on Product Characteristics]

- ① The allowable torques shown in the table are calculated values according to the assumed usage conditions. Please see Page 24 for more details.
- ② The backlash values shown in the table are the theoretical values for the backlash in the normal direction of a pair of identical gears in mesh.
- ③ Products marked with S are semi-custom standard products. The delivery will take about 15 business days after the order is received.
- ④ For semi-custom standard products weighing 15 kg or more, eyebolt mounting screws (2-M12 depth 25 mm) are machined around the periphery of the boss side surface.

[Caution on Secondary Operations]

- ① Please read "Cautions on Performing Secondary Operations" (Page 26) when performing modifications and/or secondary operations for safety concerns. KHK Quick-Mod Gears, the KHK system for quick modification of KHK stock gears, is also available.
- ② Avoid performing secondary operations that narrow the tooth width, as it affects precision and strength.