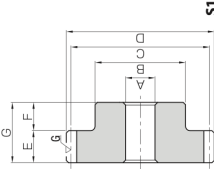




Specifications	
Precision grade	JIS grade N7 (JIS B1702-1:1989)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat Treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for teeth

* The precision grade of J Series products is equivalent to the value shown in the table.



S1

Catalog Number	No. of teeth	Shape	Bore A ₁₇	Hub dia. B	Pitch dia. C	Outside dia. D	E	F	G	Allowable torque (N·m)	Allowable torque (kgf·m)	Backlash (mm)	Weight (kg)
SSG4-14	14	S1	40	45	56	64	40	25	65	176	63.4	17.9	6.47
SSG4-15	15			45	60	68				197	74.1	20.1	7.55
SSG4-16	16			50	64	72				218	85.6	22.3	8.73
SSG4-18	18	20	70	60	72	80	88	96	104	262	111	26.7	11.4
SSG4-20	20			65	80	88				307	141	31.3	14.3
SSG4-22	22			70	88	96				352	174	35.9	17.7
SSG4-24	24	25	90	75	96	104	108	120	128	368	194	37.5	19.8
SSG4-25	25			80	100	108				389	213	39.7	21.7
SSG4-28	28			85	112	120				455	270	46.4	27.5
SSG4-30	30	S1	90	90	120	128	136	148	152	499	313	50.9	31.9
SSG4-32	32			90	128	136				544	358	55.5	36.5
SSG4-35	35			90	140	148				612	432	62.4	44.0
SSG4-36	36	40	100	90	144	152	168	176	184	634	458	64.7	46.7
SSG4-40	40			90	160	168				674	529	68.7	54.0
SSG4-42	42			90	168	176				717	586	73.1	59.7
SSG4-44	44	45	100	90	176	184	188	200	208	760	646	77.5	65.8
SSG4-45	45			90	180	188				781	677	79.6	69.0
SSG4-48	48			100	192	200				846	774	86.3	79.0
SSG4-50	50	55	100	100	200	208	228	232	248	889	842	90.7	85.9
SSG4-55	55			100	220	228				998	1030	102	105
SSG4-56	56			110	224	232				1020	1060	104	109
SSG4-60	60	60	110	110	240	248	256	264	272	1110	1230	113	125

[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.

[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 Due to the gear teeth being induction hardened, no secondary operations can be performed on tooth areas including the bottom land (approx. 2 to 3 mm).

[Caution on J series]

- ① As available-on-request products, these require a lead-time for shipping within 7 working days (excludes the day ordered), after placing an order.
- ② Up to 5 units are supported. For quantities of 6 or more pieces, we need to quote price and lead time.
- ③ Keyways are made according to JIS B1301 standards, J_s9 tolerance.
- ④ Certain products which would otherwise have a very long tapped hole are counterbored to reduce the length of the tap. For details, please see the KHK Web Catalog.
- ⑤ Areas of products which have been re-worked will not be black oxide coated.
- ⑥ For products having a tapped hole, a set screw is included.

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For updated data, please see the KHK Web Catalog.