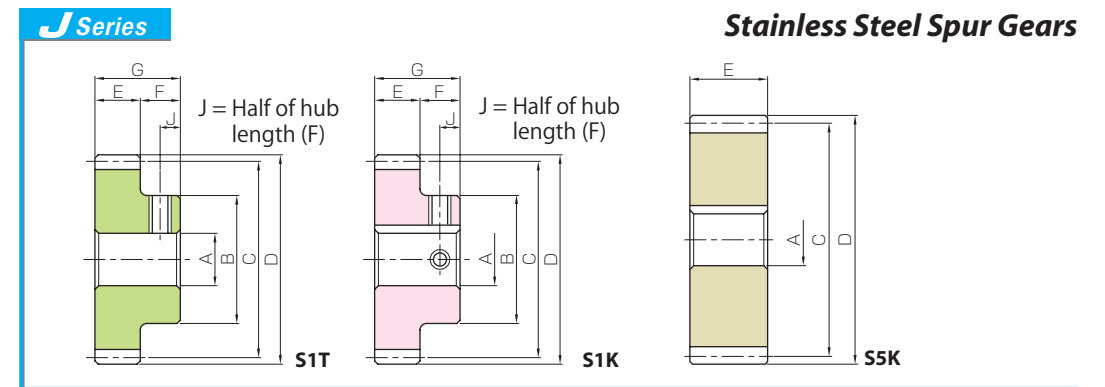
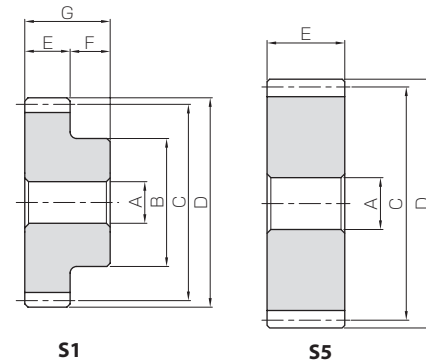




Specifications	
Precision grade	JIS grade N8 (JIS B1702-1:1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	SUS303
Heat Treatment	—
Tooth hardness	(less than 187HB)

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



To order J Series products, please specify: **Catalog No. + J + BORE.**

Catalog Number	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total Length	Allowable torque (N-m)		Allowable torque (kgf-m)		Backlash (mm)	Weight (kg)
			A _{H7}	B	C	D	E	F	G	Bending strength	Surface durability	Bending strength	Surface durability		
SUS1.5-15	15	S1	8	18	22.5	25.5	15	14	29	6.89	0.43	0.70	0.044	0.10~0.22	0.063
SUS1.5-16	16			20	24	27				7.63	0.50	0.78	0.051		0.076
SUS1.5-18	18			22	27	30				9.16	0.65	0.93	0.066		0.097
SUS1.5-20	20			24	30	33				10.7	0.82	1.09	0.084		0.12
SUS1.5-22	22			26	33	36				12.3	1.01	1.26	0.10		0.15
SUS1.5-24	24		10	28	36	39				13.9	1.23	1.42	0.13	0.12~0.26	0.17
SUS1.5-25	25			30	37.5	40.5				14.8	1.35	1.50	0.14		0.20
SUS1.5-28	28			36	42	45				17.2	1.71	1.76	0.17		0.26
SUS1.5-30	30			38	45	48				18.9	1.98	1.93	0.20		0.29
SUS1.5-32	32			40	48	51				20.6	2.27	2.10	0.23		0.33
SUS1.5-35	35		12	42	52.5	55.5				23.2	2.74	2.36	0.28	0.14~0.32	0.39
SUS1.5-36	36			45	54	57				24.0	2.91	2.45	0.30		0.42
SUS1.5-40	40			45	60	63				27.5	3.62	2.80	0.37		0.48
SUS1.5-42	42			45	63	66				29.2	4.01	2.98	0.41		0.51
SUS1.5-45	45			45	67.5	70.5				31.9	4.64	3.25	0.47		0.57
SUS1.5-48	48		15	45	72	75				34.5	5.31	3.52	0.54	0.18~0.38	0.62
SUS1.5-50	50			50	75	78				36.3	5.79	3.70	0.59		0.71
SUS1.5-55	55			55	82.5	85.5				40.7	7.08	4.15	0.72		0.86
SUS1.5-56	56			55	84	87				41.6	7.36	4.24	0.75		0.88
SUS1.5-60	60			60	90	93				45.2	8.51	4.61	0.87		1.01
SUS1.5-64	64	15	60	96	99	48.8	9.75	4.97	0.99	0.18~0.38	1.12				
SUS1.5-70	70		70	105	108	54.2	11.8	5.52	1.20		1.39				
SUS1.5-75	75		70	112.5	115.5	58.7	13.6	5.99	1.39		1.54				
SUS1.5-80	80		80	120	123	63.2	15.6	6.45	1.59		1.83				
SUS1.5-90	90		80	135	138	72.3	20.1	7.37	2.05		2.18				
SUS1.5-100	100		80	150	153	81.4	25.2	8.30	2.57		2.58				
SUS2-15	15	S1	12	24	30	34	16	36	16.3	1.05	1.67	0.11	0.12~0.26	0.13	
SUS2-16	16			26	32	36			18.1	1.22	1.85	0.12		0.16	
SUS2-18	18			30	36	40			21.7	1.59	2.21	0.16		0.22	
SUS2-20	20			32	40	44			25.4	2.01	2.59	0.20		0.26	
SUS2-22	22		36	44	48	29.2			2.48	2.98	0.25	0.33			
SUS2-24	24		15	38	48	52			33.0	3.01	3.37	0.31	0.14~0.30	0.39	
SUS2-25	25			40	50	54			35.0	3.30	3.57	0.34		0.43	
SUS2-28	28			45	56	60			40.9	4.18	4.17	0.43		0.55	
SUS2-30	30	50		60	64	44.8	4.83	4.57	0.49	0.65					
SUSA2-32	32	S5	15	—	64	68	20	—	48.9	5.53	4.98	0.56	0.18~0.36	0.47	
SUSA2-35	35				70	74			54.9	6.67	5.60	0.68		0.57	
SUSA2-36	36				72	76			57.0	7.08	5.81	0.72		0.61	
SUSA2-40	40				80	84			65.2	8.85	6.65	0.90		0.76	
SUSA2-42	42				84	88			69.3	9.81	7.07	1.00		0.84	
SUSA2-45	45		—	90	94	75.5			11.4	7.70	1.16	0.96			
SUSA2-48	48			96	100	81.8			13.0	8.34	1.33	1.10			
SUSA2-50	50			100	104	86.0			14.2	8.77	1.44	1.20			
SUSA2-55	55			110	114	96.5			17.3	9.84	1.77	1.45			
SUSA2-56	56			112	116	98.7			18.0	10.1	1.83	1.51			
SUSA2-60	60			120	124	107	20.8	10.9	2.13		1.74				
SUSA2-64	64			128	132	116	23.9	11.8	2.44		1.98				
SUSA2-70	70			140	144	128	29.0	13.1	2.96		2.37				

[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.

② Avoid performing secondary operations that narrow the tooth width, as it affects precision and strength.

② Avoid performing secondary operations that narrow the tooth width, as it affects precision and strength.

[illegible]

[Caution on J series]

- ① As available-on-request products, these require a lead-time for shipping within 2 working days (excludes the day ordered), after placing an order.
- ② Number of products we can process for one order is 1 to 20 units. For quantities of 21 or more pieces, we need to quote price and lead time.
- ③ Keyways are made according to JIS B1301 standards, Js9 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 For products having a tapped hole, a set screw is included.
- ⑥ When using S1T set screws for fastening gears to a shaft, only use this method for applications with light load usage. For secure fastening, please use dowel pins in combination.

You can download CAD data (DXF format) of KHK Products from the Web Catalog.