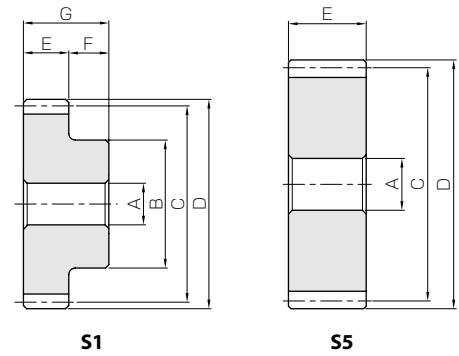




Specifications			
Precision grade	JIS grade N8 (JIS B1702-1: 1998) * JIS grade 4 (JIS B1702: 1976)		
Gear teeth	Standard full depth		
Pressure angle	20°		
Material	SUS303		
Heat treatment	—		
Tooth hardness	(less than 187HB)		
Module	<b>m 2.5</b>	<b>m 3</b>	<b>m 4</b>
Face width (E)	25	30	40
Screw offset (J)	9	10	12.5

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



S1

S5

Catalog No.	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Hub width	Total length	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)					
			A <sub>H7</sub>	B	C	D	F	G	Bending strength	Surface durability	Bending strength	Surface durability							
SUS2.5-15	15	S1	—	30	37.5	42.5	18	43	31.9	2.11	3.25	0.21	0.14~0.28	0.26					
SUS2.5-16	16			32	40	45			35.3	2.44	3.6	0.25		0.30					
SUS2.5-18	18			38	45	50			42.4	3.18	4.32	0.32		0.41					
SUS2.5-20	20			40	50	55			49.6	4.02	5.06	0.41		0.50					
SUS2.5-22	22			44	55	60			57.0	4.96	5.81	0.51		0.62					
SUS2.5-24	24			48	60	65			64.5	6.01	6.58	0.61		0.75					
SUS2.5-25	25			50	62.5	67.5			68.3	6.58	6.96	0.67		0.81					
SUS2.5-28	28			60	70	75			79.8	8.34	8.14	0.85		1.09					
SUS2.5-30	30			65	75	80			87.6	9.65	8.93	0.98		1.27					
SUSA2.5-32	32			S5	—	80			85	—	—	95.4		11.1	9.73	1.13	0.16~0.34	0.95	
SUSA2.5-35	35	87.5	92.5			107	13.4	10.9	1.36			1.14							
SUSA2.5-36	36	90	95			111	14.2	11.3	1.45			1.21							
SUSA2.5-40	40	100	105			127	17.7	13.0	1.81			1.47							
SUSA2.5-42	42	105	110			135	19.6	13.8	2.00			1.63							
SUSA2.5-45	45	112.5	117.5			148	22.7	15.0	2.31			1.88							
SUSA2.5-48	48	120	125			160	26.1	16.3	2.66			2.14							
SUSA2.5-50	50	125	130			168	28.4	17.1	2.90			2.33							
SUSA2.5-55	55	137.5	142.5			189	34.9	19.2	3.56			2.83							
SUSA2.5-56	56	140	145			193	36.2	19.6	3.70			2.94							
SUS2.5-60	60	S1	—	150	155	20	50	209	42.0	21.3	4.28	0.14~0.32	3.38						
SUSA2.5-64	64			160	165			226	48.2	23.0	4.91		3.86						
SUS3-15	15			S5	—			36	45	—	—		55.1	3.71	5.62	0.38	0.18~0.38	0.46	
SUS3-16	16							38	48				54	61.1	4.29	6.23		0.44	0.53
SUS3-18	18							40	54				60	73.3	5.59	7.47		0.57	0.66
SUS3-20	20							50	60				66	85.8	7.07	8.74		0.72	0.90
SUS3-22	22							54	66				72	98.5	8.73	10.0		0.89	1.09
SUS3-24	24							58	72				78	111	10.6	11.4		1.08	1.30
SUS3-25	25							60	75				81	118	11.6	12.0		1.18	1.35
SUS3-28	28							70	84				90	138	14.7	14.1		1.50	1.77
SUS3-30	30	75	90			96	151	17.0	15.4			1.74	2.06						
SUSA3-32	32	S1	—			96	102	25	65			165	19.5	16.8	1.99	0.20~0.44		1.62	
SUSA3-35	35			105	111	185	23.6			18.9	2.40	1.95							
SUSA3-36	36			108	114	192	25.0			19.6	2.55	2.07							
SUSA3-40	40			120	126	220	31.3			22.4	3.19	2.53							
SUSA3-42	42			126	132	234	34.7			23.9	3.54	2.80							
SUSA3-45	45			135	141	255	40.2			26.0	4.10	3.23							
SUSA3-48	48			144	150	276	46.2			28.2	4.71	3.70							
SUSA3-50	50			150	156	290	50.4			29.6	5.14	4.02							
SUSA3-55	55			165	171	326	61.7			33.2	6.30	4.89							
SUSA3-56	56			168	174	333	64.1			33.9	6.54	5.07							
SUSA3-60	60	180	186	362	74.3	36.9	7.58	5.84											
SUS4-15	15	S1	20	45	60	68	25	65	131	9.06	13.3	0.92	0.18~0.38	1.03					
SUS4-20	20			65	80	88	203	17.3	20.7	1.76	2.06								
SUS4-25	25			84	100	108	280	28.3	28.5	2.89	3.37								
SUS4-30	30			100	120	128	359	41.7	36.6	4.25	4.90								
SUSA4-40	40	S5	30	160	168	—	—	521	77.1	53.2	7.86	0.20~0.44	6.05						
SUSA4-50	50			200	208	—	—	573	103	58.5	10.5		9.58						

[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 31 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 "Caution on Performing Secondary Operations" (Page 32) when performing modifications and/or secondary operations for safety concerns. KHK Quick-Mod Gears, the KHK's 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.