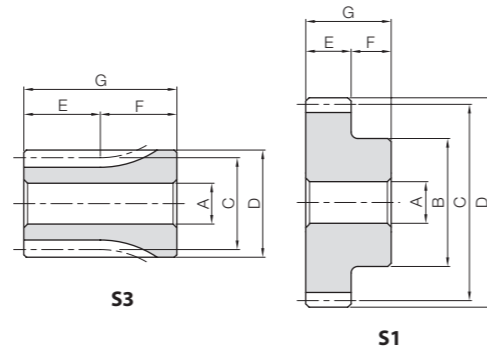


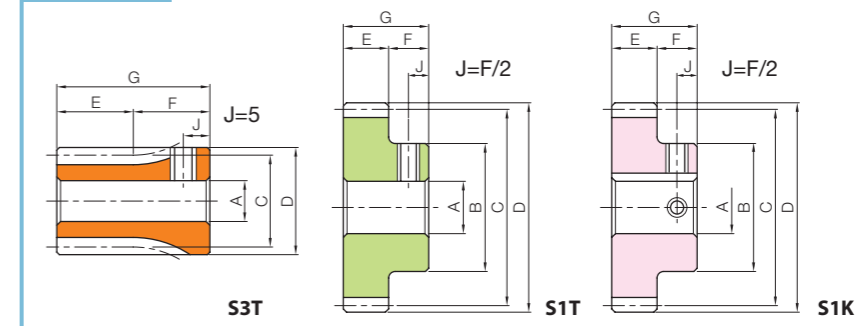


Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	SUS303
Heat treatment	-
Tooth hardness	(less than 187HB)

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



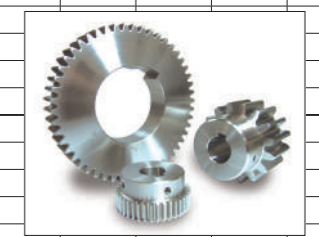
J Series



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

Catalog Number	No. of teeth	Shape	Bore AH7	Hub dia. B	Pitch dia. C	Outside dia. D	Face width E	Hub width F	Total length G	Allowable torque (N-m)				Backlash (mm)	Weight (kg)
										Bending strength	Surface durability	Bending strength	Surface durability		
SUS1-15	15	S3	8	17	15	17	10	20	30	2.04	0.12	0.21	0.013	0.08~0.18	0.038
SUS1-16	16			18	16	18				2.26	0.14	0.23	0.015		0.044
SUS1-18	18			20	18	20				2.71	0.18	0.28	0.019		0.058
SUS1-20	20			16	20	22				3.18	0.23	0.32	0.024		0.033
SUS1-22	22			18	22	24				3.65	0.29	0.37	0.029		0.042
SUS1-24	24			20	24	26				4.13	0.35	0.42	0.036		0.053
SUS1-25	25	S1	10	20	25	27	10	20	20	4.37	0.38	0.45	0.039	0.08~0.18	0.056
SUS1-28	28			23	28	30				5.11	0.48	0.52	0.049		0.074
SUS1-30	30			25	30	32				5.60	0.56	0.57	0.057		0.087
SUS1-32	32			26	32	34				6.11	0.64	0.62	0.066		0.098
SUS1-35	35			26	35	37				6.87	0.78	0.70	0.079		0.11
SUS1-36	36			28	36	38				7.12	0.82	0.73	0.084		0.12
SUS1-40	40			35	40	42				8.15	1.03	0.83	0.11		0.16
SUS1-42	42			35	42	44				8.66	1.14	0.88	0.12		0.17
SUS1-45	45			35	45	47				9.44	1.32	0.96	0.13		0.19
SUS1-48	48			35	48	50				10.2	1.51	1.04	0.15		0.21
SUS1-50	50			35	50	52				10.8	1.65	1.10	0.17		0.22
SUS1-55	55			40	55	57				12.1	2.01	1.23	0.21		0.28
SUS1-56	56	40	56	58	12.3	2.09	1.26	0.21	0.28						
SUS1-60	60	40	60	62	13.4	2.42	1.37	0.25	0.31						
SUS1-64	64	45	64	66	14.5	2.77	1.47	0.28	0.37						
SUS1-70	70	50	70	72	16.1	3.34	1.64	0.34	0.45						
SUS1-75	75	55	75	77	17.4	3.86	1.77	0.39	0.53						
SUS1-80	80	60	80	82	18.7	4.42	1.91	0.45	0.61						
SUS1-90	90	60	90	92	21.4	5.67	2.19	0.58	0.72						
SUS1-100	100	12	60	100	102	24.1	7.08	2.46	0.72	0.83					
SUS1-120	120		60	120	122	29.6	10.4	3.01	1.06	1.10					

Bore H7	* The product shapes of J Series items are identified by background color.																
	8	10	12	14	15	16	17	18	19	20	22	25	28	30	32	35	
Keyway JS9	-																
Screw size	4x1.8			5x2.3				6x2.8				8x3.3			10x3.3		
Catalog Number	M5			M4				M5				M6			M8		
SUS1-15 J BORE	S3T																
SUS1-16 J BORE	S3T																
SUS1-18 J BORE	S3T																
SUS1-20 J BORE	S1T																
SUS1-22 J BORE	S1T																
SUS1-24 J BORE	S1T																
SUS1-25 J BORE	S1T																
SUS1-28 J BORE	S1T	S1K	S1K														
SUS1-30 J BORE	S1T	S1K	S1K														
SUS1-32 J BORE	S1T	S1K	S1K	S1K													
SUS1-35 J BORE	S1T	S1K	S1K	S1K													
SUS1-36 J BORE	S1T	S1K	S1K	S1K	S1K	S1K											
SUS1-40 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SUS1-42 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SUS1-45 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SUS1-48 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SUS1-50 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SUS1-55 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SUS1-56 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SUS1-60 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SUS1-64 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SUS1-70 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SUS1-75 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SUS1-80 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SUS1-90 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SUS1-100 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SUS1-120 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	



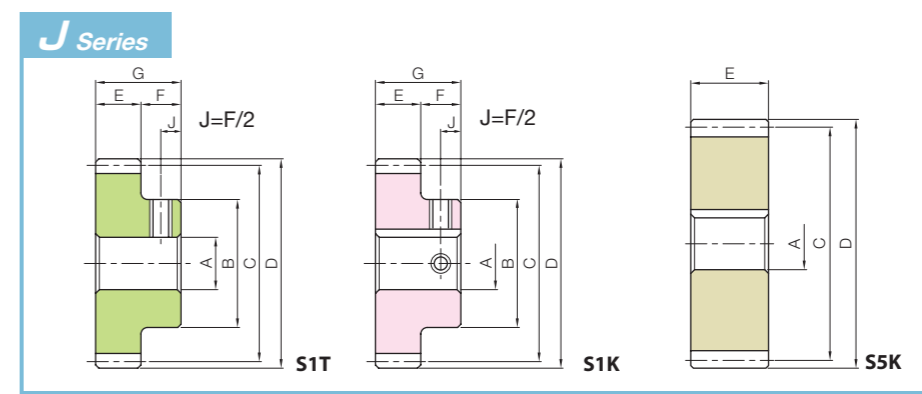
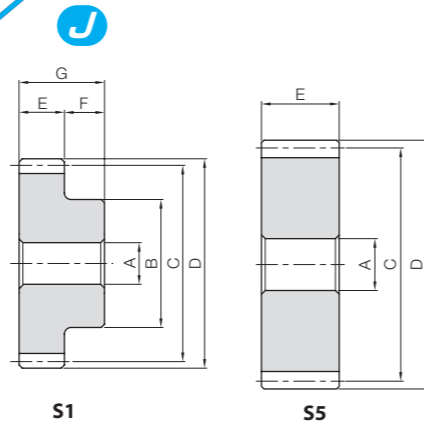
Spur Gears
Helical Gears
Internal Gears
Racks
CP Racks & Pinions
Miter Gears
Bevel Gears
Screw Gears
Worm Gears
Gearboxes
Other Products

Spur Gears
Helical Gears
Internal Gears
Racks
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Miter Gears
Bevel Gears
Screw Gears
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Gearboxes
Other Products



Specifications	
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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.



Catalog Number	No. of teeth	Shape	Bore AH7	Hub dia. B	Pitch dia. C	Outside dia. D	Face width E	Hub width F	Total length G	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)						
										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	0.064						
SUS1.5-16	16			20	24	27				7.63	0.50	0.78	0.051		0.077						
SUS1.5-18	18			22	27	30				9.16	0.65	0.93	0.066		0.099						
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			28	36	39				13.9	1.23	1.42	0.13		0.18						
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		0.30						
SUS1.5-32	32			40	48	51				20.6	2.27	2.10	0.23		0.34						
SUS1.5-35	35	S1	10	42	52.5	55.5	15	14	29	23.2	2.74	2.36	0.28	0.10~0.22	0.39						
SUS1.5-36	36			45	54	57				24.0	2.91	2.45	0.30		0.43						
SUS1.5-40	40			45	60	63				27.5	3.62	2.80	0.37		0.49						
SUS1.5-42	42			45	63	66				29.2	4.01	2.98	0.41		0.52						
SUS1.5-45	45			45	67.5	70.5				31.9	4.64	3.25	0.47		0.58						
SUS1.5-48	48			45	72	75				34.5	5.31	3.52	0.54		0.63						
SUS1.5-50	50			50	75	78				36.3	5.79	3.70	0.59		0.72						
SUS1.5-55	55			55	82.5	85.5				40.7	7.08	4.15	0.72		0.87						
SUS1.5-56	56			55	84	87				41.6	7.36	4.24	0.75		0.90						
SUS1.5-60	60			60	90	93				45.2	8.51	4.61	0.87		1.03						
SUS1.5-64	64	S1	15	60	96	99	15	14	29	48.8	9.75	4.97	0.99	0.10~0.22	1.13						
SUS1.5-70	70			70	105	108				54.2	11.8	5.52	1.20		1.42						
SUS1.5-75	75			70	112.5	115.5				58.7	13.6	5.99	1.39		1.57						
SUS1.5-80	80			80	120	123				63.2	15.6	6.45	1.59		1.86						
SUS1.5-90	90			80	135	138				72.3	20.1	7.37	2.05		2.22						
SUS1.5-100	100			80	150	153				81.4	25.2	8.30	2.57		2.62						
SUS2-15	15			S1	12	24				30	34	16	36		36	16.3	1.05	1.67	0.11	0.12~0.26	0.14
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		0.27
SUS2-22	22	36	44			48	29.2	2.48	2.98	0.25	0.34										
SUS2-24	24	38	48			52	33.0	3.01	3.37	0.31	0.40										
SUS2-25	25	40	50			54	35.0	3.30	3.57	0.34	0.44										
SUS2-28	28	45	56			60	40.9	4.18	4.17	0.43	0.56										
SUS2-30	30	50	60			64	44.8	4.83	4.57	0.49	0.67										
SUSA2-32	32	S5	15			64	68	72	20	36	36			48.9		5.53	4.98	0.56	0.12~0.26		0.48
SUSA2-35	35			70	74	78	54.9	6.67				5.60	0.68	0.58							
SUSA2-36	36			72	76	80	57.0	7.08				5.81	0.72	0.62							
SUSA2-40	40			80	84	88	65.2	8.85				6.65	0.90	0.77							
SUSA2-42	42			84	88	92	69.3	9.81				7.07	1.00	0.85							
SUSA2-45	45			90	94	98	75.5	11.4				7.70	1.16	0.98							
SUSA2-48	48			96	100	104	81.8	13.0				8.34	1.33	1.12							
SUSA2-50	50			100	104	108	86.0	14.2				8.77	1.44	1.22							
SUSA2-55	55			110	114	118	96.5	17.3				9.84	1.77	1.48							
SUSA2-56	56			112	116	120	98.7	18.0				10.1	1.83	1.53							
SUSA2-60	60	S5	15	120	124	128	20	36	36	107	20.8	10.9	2.13	0.12~0.26	1.77						
SUSA2-64	64			128	132	136				116	23.9	11.8	2.44		2.01						
SUSA2-70	70			140	144	148				128	29.0	13.1	2.96		2.41						

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

Bore H7	* The product shapes of J Series items are identified by background color.																																																																							
	8				10				12				15				16				17				18				19				20				22				25				28				30				32				35				40				45				50			
	4x1.8				5x2.3				6x2.8				8x3.3				10x3.3				12x3.3				14x3.8																																															
Keyway Js9	-																																																																							
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SUSA2-56 J BORE	S5K S5K S5K S5K S5K S5K S5K S5K S5K S5K																																																																							
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SUSA2-64 J BORE	S5K S5K S5K S5K S5K S5K S5K S5K S5K S5K																																																																							
SUSA2-70 J BORE	S5K S5K S5K S5K S5K S5K S5K S5K S5K S5K																																																																							

