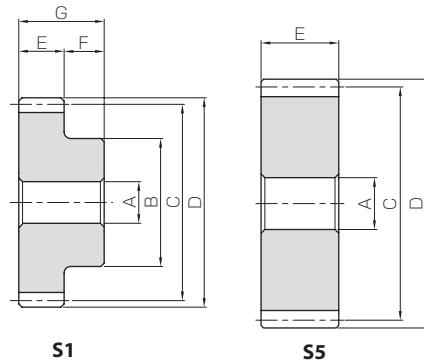


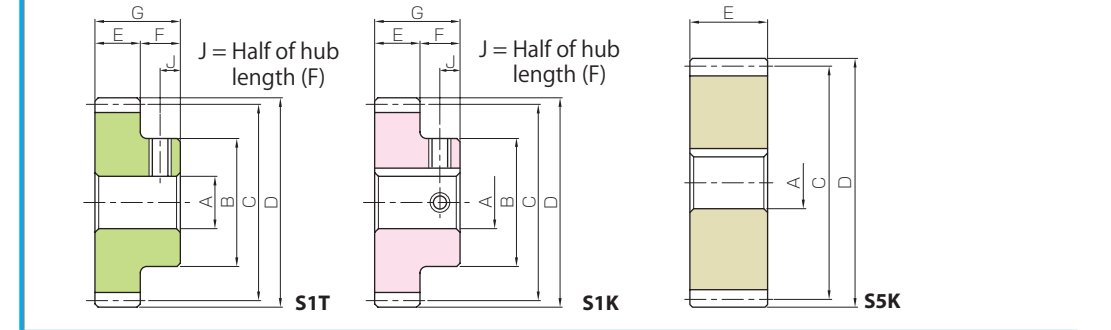


Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	SUS303
Heat Treatment	—
Tooth hardness	(less than 187HB)

\*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 A <sub>H7</sub>	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									
KSUS1.5-15	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							
KSUS1.5-16	16			20	24	27				7.63	0.50	0.78	0.051									
KSUS1.5-18	18			22	27	30				9.16	0.65	0.93	0.066									
KSUS1.5-20	20			24	30	33				10.7	0.82	1.09	0.084									
KSUS1.5-22	22			26	33	36				12.3	1.01	1.26	0.10									
KSUS1.5-24	24			28	36	39				13.9	1.23	1.42	0.13									
KSUS1.5-25	25			30	37.5	40.5				14.8	1.35	1.50	0.14									
KSUS1.5-28	28			36	42	45				17.2	1.71	1.76	0.17									
KSUS1.5-30	30			38	45	48				18.9	1.98	1.93	0.20									
KSUS1.5-32	32			40	48	51				20.6	2.27	2.10	0.23									
KSUS1.5-35	35	S1	10	42	52.5	55.5	15	14	29	23.2	2.74	2.36	0.28	0.12~0.26	0.39							
KSUS1.5-36	36			45	54	57				24.0	2.91	2.45	0.30									
KSUS1.5-40	40			45	60	63				27.5	3.62	2.80	0.37									
KSUS1.5-42	42			45	63	66				29.2	4.01	2.98	0.41									
KSUS1.5-45	45			45	67.5	70.5				31.9	4.64	3.25	0.47									
KSUS1.5-48	48			45	72	75				34.5	5.31	3.52	0.54									
KSUS1.5-50	50			50	75	78				36.3	5.79	3.70	0.59									
KSUS1.5-55	55			55	82.5	85.5				40.7	7.08	4.15	0.72									
KSUS1.5-56	56			55	84	87				41.6	7.36	4.24	0.75									
KSUS1.5-60	60			60	90	93				45.2	8.51	4.61	0.87									
KSUS1.5-64	64	S1	15	60	96	99	15	14	29	48.8	9.75	4.97	0.99	0.14~0.32	1.12							
KSUS1.5-70	70			70	105	108				54.2	11.8	5.52	1.20									
KSUS1.5-75	75			70	112.5	115.5				58.7	13.6	5.99	1.39									
KSUS1.5-80	80			80	120	123				63.2	15.6	6.45	1.59									
KSUS1.5-90	90			80	135	138				72.3	20.1	7.37	2.05									
KSUS1.5-100	100			80	150	153				81.4	25.2	8.30	2.57									
KSUS2-15	15			S1	12	24				30	34	16	36			36	16.3	1.05	1.67	0.11	0.12~0.26	0.13
KSUS2-16	16					26				32	36						18.1	1.22	1.85	0.12		
KSUS2-18	18					30				36	40						21.7	1.59	2.21	0.16		
KSUS2-20	20					32				40	44						25.4	2.01	2.59	0.20		
KSUS2-22	22	36	44			48	29.2	2.48	2.98	0.25												
KSUS2-24	24	38	48			52	33.0	3.01	3.37	0.31												
KSUS2-25	25	40	50			54	35.0	3.30	3.57	0.34												
KSUS2-28	28	45	56			60	40.9	4.18	4.17	0.43												
KSUS2-30	30	50	60			64	44.8	4.83	4.57	0.49												
KSUSA2-32	32	S5	15			64	68	72	20	36	36			48.9	5.53		4.98	0.56	0.14~0.30	0.47		
KSUSA2-35	35			70	74	78	54.9	6.67				5.60	0.68									
KSUSA2-36	36			72	76	80	57.0	7.08				5.81	0.72									
KSUSA2-40	40			80	84	88	65.2	8.85				6.65	0.90									
KSUSA2-42	42			84	88	92	69.3	9.81				7.07	1.00									
KSUSA2-45	45			90	94	98	75.5	11.4				7.70	1.16									
KSUSA2-48	48			96	100	104	81.8	13.0				8.34	1.33									
KSUSA2-50	50			100	104	108	86.0	14.2				8.77	1.44									
KSUSA2-55	55			110	114	118	96.5	17.3				9.84	1.77									
KSUSA2-56	56			112	116	120	98.7	18.0				10.1	1.83									
KSUSA2-60	60	S5	15	120	124	128	20	36	36	107	20.8	10.9	2.13	0.18~0.36	1.74							
KSUSA2-64	64			128	132	136				116	23.9	11.8	2.44									
KSUSA2-70	70			140	144	148				128	29.0	13.1	2.96									

[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.

Bore H <sub>7</sub>	* 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	40	45	50	
Keyway J <sub>s9</sub>	4x1.8		5x2.3				6x2.8				8x3.3				10x3.3		12x3.3		14x3.8	
Screw size	M5		M4				M5				M6				M8		M10		—	
Catalog Number	M5	M4				M5				M6				M8		M10		—		
KSUS1.5-15 J BORE	S1T																			
KSUS1.5-16 J BORE	S1T																			
KSUS1.5-18 J BORE	S1T	S1K																		
KSUS1.5-20 J BORE	S1T	S1K	S1K																	
KSUS1.5-22 J BORE	S1T	S1K	S1K	S1K																
KSUS1.5-24 J BORE	S1T	S1K	S1K	S1K	S1K	S1K														
KSUS1.5-25 J BORE	S1T	S1K	S1K	S1K	S1K	S1K	S1K													
KSUS1.5-28 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K												
KSUS1.5-30 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K											
KSUS1.5-32 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K										
KSUS1.5-35 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
KSUS1.5-36 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
KSUS1.5-40 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
KSUS1.5-42 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KSUS1.5-45 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
KSUS1.5-48 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
KSUS1.5-50 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
KSUS1.5-55 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KSUS1.5-56 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
KSUS1.5-60 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
KSUS1.5-64 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KSUS1.5-70 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KSUS1.5-75 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KSUS1.5-80 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KSUS1.5-90 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KSUS1.5-100 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KSUS2-15 J BORE			S1K																	
KSUS2-16 J BORE			S1K																	
KSUS2-18 J BORE			S1K	S1K	S1K	S1K	S1K													
KSUS2-20 J BORE			S1K	S1K	S1K	S1K	S1K	S1K												
KSUS2-22 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K											
KSUS2-24 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K										
KSUS2-25 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
KSUS2-28 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
KSUS2-30 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
KSUSA2-32 J BORE					S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K				
KSUSA2-35 J BORE					S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K			
KSUSA2-36 J BORE																				