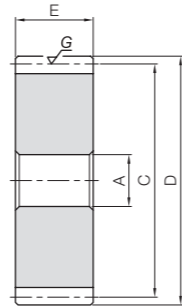


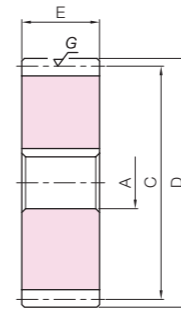


Specifications	
Precision grade	JIS grade N7 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for teeth

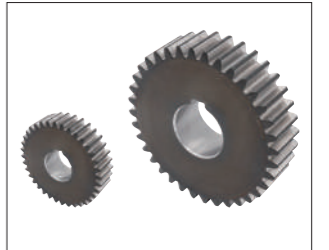
* The precision grade of J Series products is equivalent to the value shown in the table.



S5



S5K



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

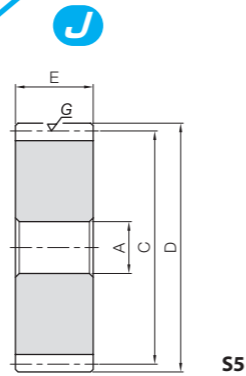
Catalog Number	Module	No. of teeth	Shape	Bore AH7	Pitch dia. C	Outside dia. D	Face width E	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)					
								Bending strength	Surface durability	Bending strength	Surface durability							
SSAG1-25	m1	25	S5	8	25	27	10	7.92	3.82	0.81	0.39	0.08~0.16	0.035					
SSAG1-30		30			32	10.2		5.57	1.04	0.57								
SSAG1-32		32			34	9.22		5.30	0.94	0.54								
SSAG1-36		36			38	10.7		6.77	1.10	0.69								
SSAG1-40		40			42	12.3		8.42	1.25	0.86								
SSAG1-50		50			52	16.2		13.4	1.65	1.36								
SSAG1.5-16	m1.5	16	S5	10	24	27	15	13.8	5.02	1.41	0.51	0.08~0.16	0.044					
SSAG1.5-18		18			30	16.6		6.51	1.69	0.66								
SSAG1.5-20		20			33	19.4		8.20	1.98	0.84								
SSAG1.5-25		25			37.5	22.2		11.1	2.27	1.13								
SSAG1.5-30		30			45	28.5		16.3	2.91	1.66								
SSAG1.5-32		32			48	31.1		18.6	3.17	1.90								
SSAG1.5-36		36			54	36.2		23.8	3.70	2.43								
SSAG1.5-40		40			60	41.5		29.6	4.23	3.02								
SSAG1.5-50		50			75	54.7		47.2	5.58	4.82								
SSAG2-15		m2			15	S5		10	30	34	20			29.6	10.5	3.01	1.07	0.10~0.20
SSAG2-16	16		36	27.3	10.1		2.78		1.03									
SSAG2-18	18		40	32.7	13.1		3.34		1.34									
SSAG2-20	20		44	38.3	16.6		3.91		1.69									
SSAG2-25	25		50	52.7	27.0		5.38		2.75									
SSAG2-30	30		60	67.6	39.5		6.89		4.03									
SSAG2-32	32		64	73.7	45.2		7.51	4.61										
SSAG2-36	36		72	85.9	57.8		8.76	5.90										
SSAG2-40	40		80	98.3	72.1		10.0	7.35										
SSAG2-50	50		100	120	106		12.2	10.8										
SSAG2.5-15	m2.5		15	S5	15		37.5	42.5	25	48.1		17.4	4.91	1.77	0.10~0.20	0.18		
SSAG2.5-16			16				45	53.3		20.1		5.44	2.05					
SSAG2.5-18			18				50	63.9		26.1		6.52	2.66					
SSAG2.5-20			20				55	74.8		32.9		7.63	3.36					
SSAG2.5-25		25	62.5			103	53.8	10.5		5.48								
SSAG2.5-30		30	75		132	78.7	13.5	8.03										
SSAG2.5-32		32	80		144	90.1	14.7	9.19										
SSAG2.5-36		36	90		168	115	17.1	11.8										
SSAG2.5-40		40	100		177	133	18.1	13.6										
SSAG2.5-50		50	125		234	213	23.8	21.7										

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	40	45	50
Keyway J _{s9}	3x1.4	4x1.8																	
Screw size				5x2.3					6x2.8				8x3.3		10x3.3	12x3.3	14x3.8		
Catalog Number	-																		
SSAG1-25J BORE	S5K	S5K																	
SSAG1-30J BORE	S5K	S5K	S5K																
SSAG1-32J BORE	S5K	S5K	S5K	S5K															
SSAG1-36J BORE		S5K	S5K	S5K	S5K	S5K													
SSAG1-40J BORE		S5K	S5K	S5K	S5K	S5K	S5K	S5K											
SSAG1-50J BORE		S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K									
SSAG1.5-16J BORE		S5K																	
SSAG1.5-18J BORE		S5K																	
SSAG1.5-20J BORE		S5K	S5K																
SSAG1.5-25J BORE		S5K	S5K	S5K	S5K	S5K													
SSAG1.5-30J BORE				S5K	S5K	S5K	S5K	S5K	S5K										
SSAG1.5-32J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K									
SSAG1.5-36J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K								
SSAG1.5-40J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K						
SSAG1.5-50J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K				
SSAG2-15J BORE		S5K	S5K																
SSAG2-16J BORE		S5K	S5K																
SSAG2-18J BORE		S5K	S5K	S5K	S5K														
SSAG2-20J BORE				S5K	S5K	S5K													
SSAG2-25J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K									
SSAG2-30J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K								
SSAG2-32J BORE							S5K	S5K	S5K	S5K	S5K	S5K							
SSAG2-36J BORE							S5K	S5K	S5K	S5K	S5K	S5K	S5K						
SSAG2-40J BORE							S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K					
SSAG2-50J BORE							S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K
SSAG2.5-15J BORE				S5K															
SSAG2.5-16J BORE				S5K	S5K														
SSAG2.5-18J BORE				S5K	S5K	S5K	S5K	S5K											
SSAG2.5-20J BORE				S5K	S5K	S5K	S5K	S5K	S5K										
SSAG2.5-25J BORE										S5K	S5K	S5K	S5K						
SSAG2.5-30J BORE										S5K	S5K	S5K	S5K	S5K	S5K				
SSAG2.5-32J BORE										S5K	S5K	S5K	S5K	S5K	S5K				
SSAG2.5-36J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K			
SSAG2.5-40J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		
SSAG2.5-50J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K

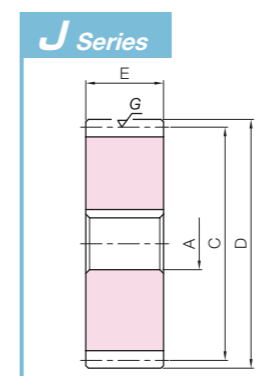


Specifications	
Precision grade	JIS grade N7 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for teeth

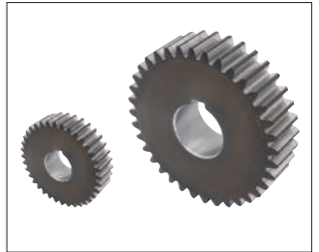
* The precision grade of J Series products is equivalent to the value shown in the table.



S5



S5K



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

Catalog Number	Module	No. of teeth	Shape	Bore				Allowable torque (N-m)				Backlash (mm)	Weight (kg)
				A _{H7}	C	D	E	Bending strength	Surface durability	Bending strength	Surface durability		
SSAG3-15	m3	15	S5	15	45	51	30	83.1	30.5	8.48	3.11	0.10~0.20	0.33
SSAG3-16		48			54	92.1		35.2	9.39	3.59			
SSAG3-18		54			60	110		45.8	11.3	4.67			
SSAG3-20		60			66	129		57.8	13.2	5.90			
SSAG3-25		75			81	178		94.5	18.1	9.64			
SSAG3-30		30		90	96	228		138	23.3	14.1			
SSAG3-32		32		96	102	229		146	23.4	14.9			
SSAG3-36		36		108	114	268		188	27.3	19.1			
SSAG3-40		40		120	126	306		234	31.2	23.9			
SSAG3-50		50		150	156	404		374	41.2	38.1			

Bore H7	* The product shapes of J Series items are identified by background color.															
	15	16	17	18	19	20	22	25	28	30	32	35	40	45	50	
Keyway J _{s9}	5x2.3			6x2.8				8x3.3			10x3.3		12x3.3		14x3.8	
Screw size																
Catalog Number	-															
SSAG3-15J BORE	S5K	S5K	S5K	S5K												
SSAG3-16J BORE	S5K	S5K	S5K	S5K	S5K	S5K										
SSAG3-18J BORE	S5K	S5K	S5K	S5K	S5K	S5K	S5K									
SSAG3-20J BORE	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K								
SSAG3-25J BORE						S5K	S5K	S5K	S5K	S5K	S5K					
SSAG3-30J BORE						S5K	S5K	S5K	S5K	S5K	S5K	S5K				
SSAG3-32J BORE								S5K	S5K	S5K	S5K	S5K	S5K			
SSAG3-36J BORE									S5K	S5K	S5K	S5K	S5K	S5K		
SSAG3-40J BORE										S5K	S5K	S5K	S5K	S5K	S5K	
SSAG3-50J BORE											S5K	S5K	S5K	S5K	S5K	

Catalog Number	Module	No. of teeth	Shape	Bore				Allowable torque (N-m)				Backlash (mm)	Weight (kg)
				A _{H7}	C	D	E	Bending strength	Surface durability	Bending strength	Surface durability		
SSAG4-15	m4	15	S5	20	60	68	40	197	74.1	20.1	7.55	0.10~0.20	0.79
SSAG4-16		64			72	218		85.6	22.3	8.73			
SSAG4-18		72			80	262		111	26.7	11.4			
SSAG4-20		80			88	307		141	31.3	14.3			
SSAG4-25		100			108	389		213	39.7	21.7			
SSAG4-30		30		120	128	499		313	50.9	31.9			
SSAG4-32		32		128	136	544		358	55.5	36.5			
SSAG4-36		36		144	152	634		458	64.7	46.7			
SSAG4-40		40		160	168	674		529	68.7	54.0			
SSAG4-50		50		200	208	889		842	90.7	85.9			
SSAG5-20	m5	20	S5	25	100	110	50	553	259	56.4	26.5	0.10~0.22	2.89
SSAG5-25		125			135	760		426	77.5	43.4			
SSAG5-30		150			160	975		623	99.4	63.5			
SSAG6-20	m6	20	S5	25	120	132	60	955	457	97.4	46.6	0.10~0.22	5.10
SSAG6-25		150			162	1310		747	134	76.2			
SSAG6-30		180			192	1560		1020	160	104			

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.																					
	20	22	25	28	30	32	35	40	45	50	55	60	65	70	75	80						
Keyway J _{s9}	6x2.8			8x3.3				10x3.3			12x3.3		14x3.8		16x4.3		18x4.4		20x4.9		22x5.4	
Screw size																						
Catalog Number	-																					
SSAG4-15J BORE	S5K	S5K	S5K																			
SSAG4-16J BORE	S5K	S5K	S5K																			
SSAG4-18J BORE	S5K	S5K	S5K	S5K	S5K																	
SSAG4-20J BORE	S5K	S5K	S5K	S5K	S5K	S5K	S5K															
SSAG4-25J BORE	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K													
SSAG4-30J BORE	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K											
SSAG4-32J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K											
SSAG4-36J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K									
SSAG4-40J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K							
SSAG4-50J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K						
SSAG5-20J BORE				S5K	S5K	S5K	S5K	S5K	S5K													
SSAG5-25J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K											
SSAG5-30J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K									
SSAG6-20J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K											
SSAG6-25J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K								
SSAG6-30J BORE				S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K						