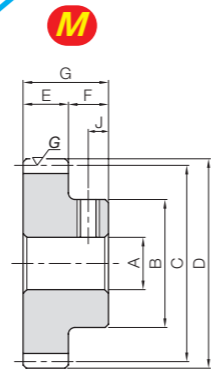




Specifications	
Precision grade	JIS grade N7 (JIS B1702-1: 1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C*
Heat treatment	—*
Tooth hardness	200 to 270HB
Surface treatment	Black oxide coated except for teeth

* Products with modules of 0.8 or under use S45C thermal refined equivalent materials and are not hardened.



S1T

Catalog Number	Module	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length	Keyway	
				A _{H7}	B	C	D	E	F	G	Width × Depth	
SSG0.5-30A (Made to Order)	m0.5	30	S1T	5	13	15	16	5	7	12	—	
SSG0.5-30B (Made to Order)				6	13	15	16					
SSG0.5-32A (Made to Order)				5	14	16	17					
SSG0.5-40B (Made to Order)		40		6	18	20	21					
SSG0.5-50B (Made to Order)		50		6	22	25	26					
SSG0.5-60A (Made to Order)		60		6	28	30	31					
SSG0.5-60B (Made to Order)				8	28	35	36					
SSG0.5-70B (Made to Order)				70	8	28	35					36
SSG0.5-80A (Made to Order)				80	8	28	40					41
SSG0.8-20A (Made to Order)	m0.8	20	S1T	5	13	16	17.6	8	8	16	—	
SSG0.8-20B (Made to Order)				6	13	16	17.6					
SSG0.8-25A (Made to Order)				6	16	20	21.6					
SSG0.8-30A (Made to Order)		30		5	20	24	25.6					
SSG0.8-34A (Made to Order)		34		6	22	27.2	28.8					
SSG0.8-40B (Made to Order)		40		8	28	32	33.6					
SSG0.8-50A (Made to Order)				6	28	40	41.6					
SSG0.8-60A (Made to Order)		60		6	28	48	49.6					
SSG0.8-60B (Made to Order)				8	28	48	49.6					
SSG0.8-70A (Made to Order)		70		6	28	56	57.6					
SSG0.8-80A (Made to Order)		80		6	28	64	65.6					

[Precautions for Made to Order Products] Prices and lead times for Made to Order products require separate estimates. Contact your dealer.

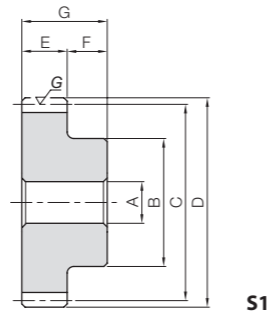
Socket head screw	Size	J	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog Number
			Bending strength	Surface durability	Bending strength	Surface durability			
M4	3.5	0~0.08	1.63	0.29	0.17	0.030	0.012	SSG0.5-30A (Made to Order)	
			0.011	SSG0.5-30B (Made to Order)					
			1.78	0.34	0.18	0.035	0.014	SSG0.5-32A (Made to Order)	
			2.38	0.55	0.24	0.056	0.023	SSG0.5-40B (Made to Order)	
			3.14	0.89	0.32	0.091	0.037	SSG0.5-50B (Made to Order)	
			3.91	1.32	0.40	0.13	0.058	SSG0.5-60A (Made to Order)	
M5	4	0~0.08	0.056	SSG0.5-60B (Made to Order)					
3.90			1.53	0.40	0.16	0.066	SSG0.5-70B (Made to Order)		
4.55			2.04	0.46	0.21	0.080	SSG0.5-80A (Made to Order)		
M4	4	0~0.08	3.79	0.53	0.39	0.054	0.018	SSG0.8-20A (Made to Order)	
0.017			SSG0.8-20B (Made to Order)						
5.22			0.88	0.53	0.090	0.029	SSG0.8-25A (Made to Order)		
6.70			1.30	0.68	0.13	0.045	SSG0.8-30A (Made to Order)		
7.90			1.71	0.81	0.17	0.056	SSG0.8-34A (Made to Order)		
8.11			2.02	0.83	0.21	0.082	SSG0.8-40B (Made to Order)		
10.7			3.26	1.09	0.33	0.11	SSG0.8-50A (Made to Order)		
13.3			4.83	1.36	0.49	0.15	SSG0.8-60A (Made to Order)		
0.14			SSG0.8-60B (Made to Order)						
16.0			6.73	1.63	0.69	0.19	SSG0.8-70A (Made to Order)		
18.7			8.97	1.90	0.91	0.24	SSG0.8-80A (Made to Order)		



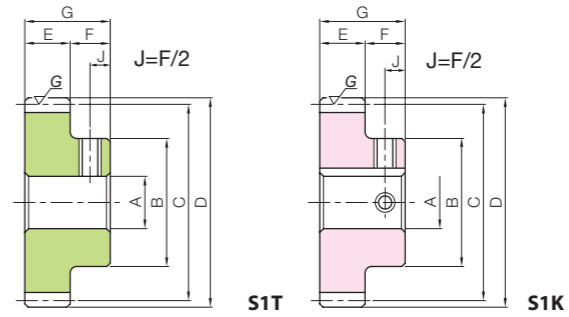


Specifications	
Precision grade	JIS grade N7 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for teeth

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



J Series



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

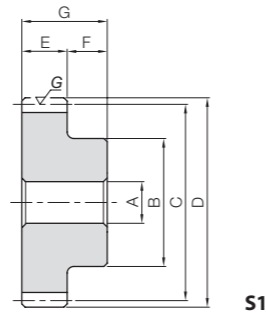
Catalog Number	No. of teeth	Shape	Bore A _{H7}	Hub dia. B	Pitch dia. C	Outside dia. D	Face width E	Hub width F	Total length G	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)		
										Bending strength	Surface durability	Bending strength	Surface durability				
SSG1-15	15	S1	6	12	15	17	8	10	18	2.96	1.03	0.30	0.11	0.08~0.16	0.016		
SSG1-16	16			13	16	18				3.28	1.19	0.33	0.12		0.019		
SSG1-17	17			14	17	19				3.60	1.36	0.37	0.14		0.022		
SSG1-18	18			15	18	20				3.93	1.54	0.40	0.16		0.026		
SSG1-19	19			16	19	21				4.26	1.73	0.43	0.18		0.030		
SSG1-20	20			8	10	17				20	22	4.60	1.94		0.47	0.20	0.034
SSG1-21	21					18				21	23	4.94	2.14		0.50	0.22	0.035
SSG1-22	22					18				22	24	5.28	2.36		0.54	0.24	0.037
SSG1-23	23					20				23	25	5.63	2.59		0.57	0.26	0.044
SSG1-24	24					20				24	26	5.98	2.83		0.61	0.29	0.046
SSG1-25	25					20				25	27	6.33	3.07		0.65	0.31	0.048
SSG1-26	26					20				26	28	6.68	3.33		0.68	0.34	0.051
SSG1-27	27					20				27	29	7.04	3.60		0.72	0.37	0.054
SSG1-28	28			20	28	30				7.39	3.89	0.75	0.40		0.056		
SSG1-29	29			25	29	31				7.75	4.18	0.79	0.43		0.073		
SSG1-30	30			10	12	25				30	32	8.11	4.48		0.83	0.46	0.072
SSG1-32	32					25				32	34	7.37	4.27		0.75	0.43	0.078
SSG1-34	34					25				34	36	7.98	4.84		0.81	0.49	0.084
SSG1-35	35					25				35	37	8.28	5.14		0.84	0.52	0.088
SSG1-36	36	25	36			38	8.59	5.45	0.88	0.56	0.091						
SSG1-38	38	30	38			40	9.21	6.10	0.94	0.62	0.12						
SSG1-40	40	30	40			42	9.83	6.79	1.00	0.69	0.12						
SSG1-42	42	30	42			44	10.5	7.51	1.07	0.77	0.13						
SSG1-44	44	30	44			46	11.1	8.28	1.13	0.84	0.14						
SSG1-45	45	30	45			47	11.4	8.67	1.16	0.88	0.14						
SSG1-48	48	30	48			50	12.3	9.92	1.26	1.01	0.16						
SSG1-50	50	35	50			52	13.0	10.8	1.32	1.10	0.18						
SSG1-55	55	35	55	57	14.6	13.2	1.48	1.34	0.21								
SSG1-56	56	35	56	58	14.9	13.7	1.52	1.40	0.21								
SSG1-60	60	40	60	62	16.2	15.8	1.65	1.61	0.26								
SSG1-64	64	15	18	40	64	66	17.4	18.1	1.78	1.84	0.28						
SSG1-70	70			40	70	72	19.4	21.8	1.97	2.22	0.32						
SSG1-75	75			40	75	77	21.0	25.2	2.14	2.57	0.36						
SSG1-80	80			50	80	82	22.6	28.8	2.30	2.94	0.44						
SSG1-90	90			50	90	92	25.8	36.9	2.64	3.77	0.53						
SSG1-100	100			50	100	102	26.9	42.5	2.74	4.34	0.62						
SSG1-120	120			50	120	122	32.9	62.5	3.36	6.37	0.84						

Bore H7	* The product shapes of J Series items are identified by background color.														
	6	8	10	12	14	15	16	17	18	19	20	22	25	28	30
Keyway J _{S9}	-		4x1.8		5x2.3				6x2.8				8x3.3		
Screw size	-		M4		M4				M5				M6		
Catalog Number	M4	M5			M4				M5				M6		
SSG1-15 J BORE	S1T														
SSG1-16 J BORE	S1T														
SSG1-17 J BORE	S1T	S1T													
SSG1-18 J BORE	S1T	S1T													
SSG1-19 J BORE	S1T	S1T													
SSG1-20 J BORE	S1T	S1T													
SSG1-21 J BORE		S1T	S1K												
SSG1-22 J BORE		S1T	S1K												
SSG1-23 J BORE		S1T	S1K	S1K											
SSG1-24 J BORE		S1T	S1K	S1K											
SSG1-25 J BORE		S1T	S1K	S1K											
SSG1-26 J BORE		S1T	S1K	S1K											
SSG1-27 J BORE		S1T	S1K	S1K											
SSG1-28 J BORE		S1T	S1K	S1K											
SSG1-29 J BORE		S1T	S1K	S1K	S1K	S1K									
SSG1-30 J BORE			S1K	S1K	S1K	S1K									
SSG1-32 J BORE			S1K	S1K	S1K	S1K									
SSG1-34 J BORE			S1K	S1K	S1K	S1K									
SSG1-35 J BORE			S1K	S1K	S1K	S1K									
SSG1-36 J BORE			S1K	S1K	S1K	S1K									
SSG1-38 J BORE			S1K	S1K	S1K	S1K	S1K	S1K							
SSG1-40 J BORE			S1K	S1K	S1K	S1K	S1K	S1K							
SSG1-42 J BORE			S1K	S1K	S1K	S1K	S1K	S1K							
SSG1-44 J BORE			S1K	S1K	S1K	S1K	S1K	S1K							
SSG1-45 J BORE			S1K	S1K	S1K	S1K	S1K	S1K							
SSG1-48 J BORE			S1K	S1K	S1K	S1K	S1K	S1K							
SSG1-50 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG1-55 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG1-56 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG1-60 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG1-64 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG1-70 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1-75 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1-80 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG1-90 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG1-100 J BORE							S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG1-120 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K

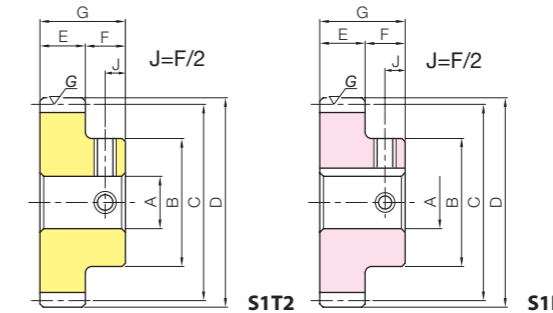


Specifications	
Precision grade	JIS grade N7 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for teeth

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



J Series



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

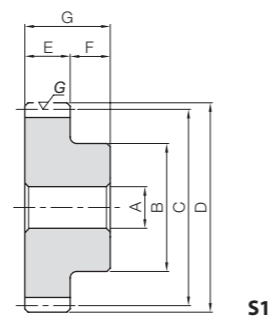
Catalog Number	No. of teeth	Shape	Bore A _{H7}	Hub dia. B	Pitch dia. C	Outside dia. D	Face width E	Hub width F	Total length G	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)		
										Bending strength	Surface durability	Bending strength	Surface durability				
SSG1.5-14	14	S1	10	17	21	24	15	14	29	11.1	3.73	1.13	0.38	0.08~0.16	0.048		
SSG1.5-15	15			18	22.5	25.5				12.5	4.35	1.27	0.44		0.057		
SSG1.5-16	16			20	24	27				13.8	5.02	1.41	0.51		0.070		
SSG1.5-17	17			21	25.5	28.5				15.2	5.74	1.55	0.58		0.080		
SSG1.5-18	18			22	27	30				16.6	6.51	1.69	0.66		0.091		
SSG1.5-19	19			12	15	23				28.5	31.5	18.0	7.33		1.83	0.75	0.10
SSG1.5-20	20					24				30	33	19.4	8.20		1.98	0.84	0.12
SSG1.5-21	21					25				31.5	34.5	20.8	9.12		2.12	0.93	0.13
SSG1.5-22	22					26				33	36	18.6	8.41		1.89	0.86	0.13
SSG1.5-23	23					27				34.5	37.5	19.8	9.27		2.02	0.95	0.15
SSG1.5-24	24	15	18			28	36	39	21.0	10.2	2.14	1.04	0.16				
SSG1.5-25	25					30	37.5	40.5	22.2	11.1	2.27	1.13	0.18				
SSG1.5-26	26					32	39	42	23.5	12.1	2.39	1.23	0.20				
SSG1.5-27	27			34	40.5	43.5	24.7	13.1	2.52	1.33	0.21						
SSG1.5-28	28			36	42	45	26.0	14.1	2.65	1.44	0.23						
SSG1.5-29	29			20	15	37	43.5	46.5	27.3	15.2	2.78	1.55	0.25				
SSG1.5-30	30	38	45			48	28.5	16.3	2.91	1.66	0.27						
SSG1.5-32	32	40	48			51	31.1	18.6	3.17	1.90	0.31						
SSG1.5-34	34	42	51			54	33.6	21.1	3.43	2.15	0.35						
SSG1.5-35	35	42	52.5			55.5	34.9	22.4	3.56	2.29	0.37						
SSG1.5-36	36	18	20			45	54	57	36.2	23.8	3.70	2.43	0.40				
SSG1.5-38	38					45	57	60	38.8	26.6	3.96	2.71	0.44				
SSG1.5-40	40					50	60	63	41.5	29.6	4.23	3.02	0.51				
SSG1.5-42	42					50	63	66	44.1	32.8	4.50	3.35	0.54				
SSG1.5-44	44					50	66	69	46.7	36.2	4.77	3.69	0.58				
SSG1.5-45	45			15	18	50	67.5	70.5	48.1	37.9	4.90	3.86	0.58				
SSG1.5-48	48					50	72	75	52.0	43.4	5.31	4.42	0.64				
SSG1.5-50	50					60	75	78	54.7	47.2	5.58	4.82	0.77				
SSG1.5-55	55	60	82.5			85.5	61.4	57.7	6.26	5.88	0.88						
SSG1.5-56	56	60	84			87	62.8	59.9	6.40	6.11	0.91						
SSG1.5-60	60	15	20			60	90	93	68.1	69.2	6.95	7.06	0.99				
SSG1.5-64	64			60	96	99	67.9	73.2	6.92	7.46	1.09						
SSG1.5-70	70			60	105	108	75.4	88.4	7.69	9.01	1.26						
SSG1.5-75	75			60	112.5	115.5	81.7	102	8.33	10.4	1.41						
SSG1.5-80	80			70	120	123	88.0	117	8.97	12.0	1.68						
SSG1.5-90	90			15	20	70	135	138	101	150	10.3	15.3	2.04				
SSG1.5-100	100					70	150	153	113	187	11.6	19.1	2.43				

Bore H7	* The product shapes of J Series items are identified by background color.																
	10	12	14	15	16	17	18	19	20	22	25	28	30	32	35	40	
Keyway J _{S9}	4x1.8		5x2.3				6x2.8				8x3.3				10x3.3		12x3.3
Screw size	M4				M5				M6				M8				
Catalog Number	* The product shapes of J Series items are identified by background color.																
SSG1.5-14 J BORE	S1T2																
SSG1.5-15 J BORE	S1T2																
SSG1.5-16 J BORE	S1K																
SSG1.5-17 J BORE	S1K	S1K															
SSG1.5-18 J BORE	S1K	S1K															
SSG1.5-19 J BORE	S1K	S1K															
SSG1.5-20 J BORE	S1K	S1K	S1K														
SSG1.5-21 J BORE	S1K	S1K	S1K	S1K													
SSG1.5-22 J BORE		S1K	S1K	S1K													
SSG1.5-23 J BORE		S1K	S1K	S1K	S1K												
SSG1.5-24 J BORE		S1K	S1K	S1K	S1K												
SSG1.5-25 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
SSG1.5-26 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
SSG1.5-27 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K								
SSG1.5-28 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K								
SSG1.5-29 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SSG1.5-30 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SSG1.5-32 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SSG1.5-34 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SSG1.5-35 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG1.5-36 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG1.5-38 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG1.5-40 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG1.5-42 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG1.5-44 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG1.5-45 J BORE							S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG1.5-48 J BORE							S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG1.5-50 J BORE							S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG1.5-55 J BORE							S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-56 J BORE							S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-60 J BORE										S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-64 J BORE										S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-70 J BORE										S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-75 J BORE										S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-80 J BORE										S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-90 J BORE										S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG1.5-100 J BORE										S1K	S1K	S1K	S1K	S1K	S1K	S1K	

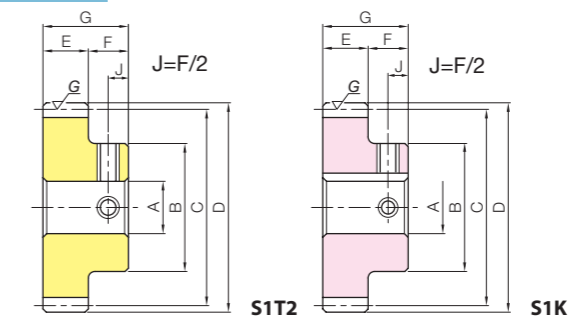


Specifications	
Precision grade	JIS grade N7 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for teeth

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



J Series



Catalog Number	No. of teeth	Shape	Bore				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																			
SSG2-14	14	S1	12	22	28	32	20	16	36	0.10~0.20	26.3	9.01	2.69	0.92	0.11																	
SSG2-15	15			24	30	34					29.6	10.5	3.01	1.07		0.14																
SSG2-16	16			26	32	36					27.3	10.1	2.78	1.03			0.16															
SSG2-17	17			28	34	38					30.0	11.6	3.06	1.18				0.19														
SSG2-18	18			30	36	40					32.7	13.1	3.34	1.34					0.22													
SSG2-19	19			15	31	38					42	35.5	14.8	3.62						1.51	0.24											
SSG2-20	20				32	40					44	38.3	16.6	3.91						1.69		0.25										
SSG2-21	21				34	42					46	41.1	18.4	4.20						1.88			0.28									
SSG2-22	22				36	44					48	44.0	20.4	4.49						2.08				0.32								
SSG2-23	23				37	46					50	46.9	22.5	4.78						2.30					0.35							
SSG2-24	24				18	38					48	52	49.8	24.7						5.08						2.52	0.38					
SSG2-25	25					40					50	54	52.7	27.0						5.38						2.75		0.42				
SSG2-26	26					42					52	56	55.7	29.3						5.68						2.99			0.46			
SSG2-27	27					44					54	58	58.6	31.7						5.98						3.23				0.50		
SSG2-28	28			45		56					60	61.6	34.2	6.28						3.49						0.54						
SSG2-29	29			20		48					58	62	64.6	36.8						6.59											3.75	0.59
SSG2-30	30				50	60					64	67.6	39.5	6.89						4.03											0.62	
SSG2-32	32				50	64					68	73.7	45.2	7.51						4.61												
SSG2-34	34	25	50	68	72	79.8	51.3	8.13	5.23	0.74																						
SSG2-35	35		50	70	74	82.8	54.5	8.45	5.56		0.78																					
SSG2-36	36		20	50	72	76	85.9	57.8	8.76			5.90	0.81																			
SSG2-38	38			50	76	80	92.1	64.8	9.39			6.60		0.89																		
SSG2-40	40			60	80	84	98.3	72.1	10.0			7.35			1.06																	
SSG2-42	42		25	60	84	88	105	79.9	10.7			8.15				1.14																
SSG2-44	44	60		88	92	111	88.1	11.3	8.98			1.22																				
SSG2-45	45	20		60	90	94	114	92.3	11.6								9.41	1.27														
SSG2-48	48			60	96	100	114	97.6	11.6								9.95		1.40													
SSG2-50	50			60	100	104	120	106	12.2								10.8			1.45												
SSG2-55	55	25		60	110	114	134	130	13.7								13.3				1.71											
SSG2-56	56		60	112	116	137	135	14.0	13.8								1.76															
SSG2-60	60		20	65	120	124	149	156	15.2													15.9	2.05									
SSG2-64	64			65	128	132	161	179	16.4													18.3		2.30								
SSG2-70	70			70	140	144	179	216	18.2													22.0			2.76							
SSG2-75	75		25	70	150	154	194	249	19.7													25.4				3.12						
SSG2-80	80	80		160	164	194	265	19.8	27.0													3.65										
SSG2-90	90	20		80	180	184	222	338	22.6																		34.5	4.49				
SSG2-100	100			80	200	204	250	421	25.4	43.0																	5.42					

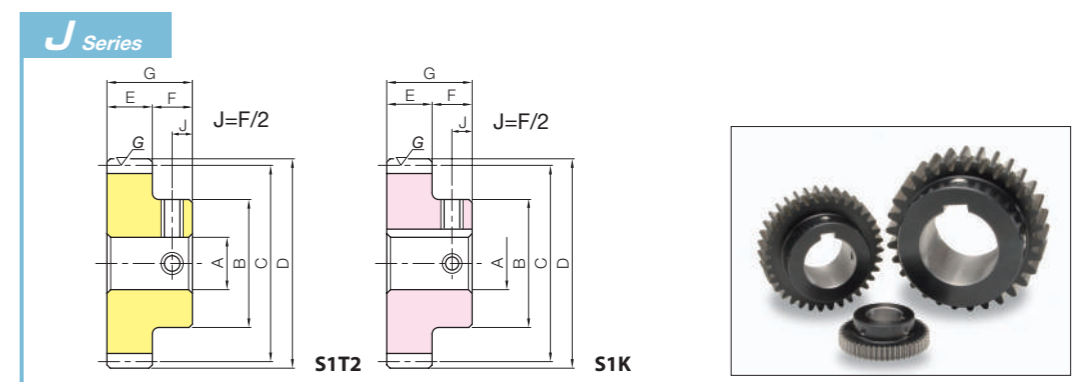
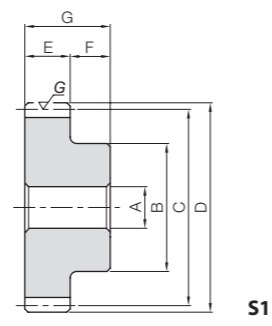
To order J Series products, please specify: **Catalog No. + J + BORE.**

Catalog Number	* The product shapes of J Series items are identified by background color.																		
	12	14	15	16	17	18	19	20	22	25	28	30	32	35	40	45			
SSG2-14 J BORE	S1T2																		
SSG2-15 J BORE	S1K																		
SSG2-16 J BORE	S1K	S1K																	
SSG2-17 J BORE	S1K	S1K	S1K	S1K															
SSG2-18 J BORE	S1K	S1K	S1K	S1K	S1K														
SSG2-19 J BORE	S1K	S1K	S1K	S1K	S1K	S1K													
SSG2-20 J BORE			S1K	S1K	S1K	S1K													
SSG2-21 J BORE			S1K	S1K	S1K	S1K	S1K	S1K											
SSG2-22 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K										
SSG2-23 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
SSG2-24 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
SSG2-25 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
SSG2-26 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
SSG2-27 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SSG2-28 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SSG2-29 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SSG2-30 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SSG2-32 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SSG2-34 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG2-35 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG2-36 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG2-38 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG2-40 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG2-42 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG2-44 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG2-45 J BORE									S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG2-48 J BORE									S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG2-50 J BORE										S1K	S1K	S1K	S1K	S1K	S1K				
SSG2-55 J BORE											S1K	S1K	S1K	S1K	S1K				
SSG2-56 J BORE											S1K	S1K	S1K	S1K	S1K				
SSG2-60 J BORE												S1K	S1K	S1K	S1K				
SSG2-64 J BORE													S1K	S1K	S1K				
SSG2-70 J BORE														S1K	S1K	S1K			
SSG2-75 J BORE															S1K	S1K			
SSG2-80 J BORE																S1K	S1K		
SSG2-90 J BORE																	S1K	S1K	
SSG2-100 J BORE																		S1K	S1K



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.



Catalog Number	No. of teeth	Shape	Bore A _{H7}	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		
SSG2.5-14	14	S1	15	28	35	40	25	18	43	42.9	14.9	4.37	1.52	0.10~0.20	0.22
SSG2.5-15	15			30	37.5	42.5				48.1	17.4	4.91	1.77		0.26
SSG2.5-16	16			32	40	45				53.3	20.1	5.44	2.05		0.30
SSG2.5-17	17			35	42.5	47.5				58.6	23.0	5.97	2.34		0.35
SSG2.5-18	18			38	45	50				63.9	26.1	6.52	2.66		0.41
SSG2.5-19	19			39	47.5	52.5				69.4	29.4	7.07	3.00		0.46
SSG2.5-20	20			40	50	55				74.8	32.9	7.63	3.36		0.48
SSG2.5-21	21			42	52.5	57.5				80.4	36.7	8.20	3.74		0.53
SSG2.5-22	22			44	55	60				86.0	40.6	8.77	4.14		0.60
SSG2.5-23	23			46	57.5	62.5				91.6	44.8	9.34	4.57		0.66
SSG2.5-24	24			48	60	65				97.3	49.2	9.92	5.02		0.72
SSG2.5-25	25			50	62.5	67.5				103	53.8	10.5	5.48		0.77
SSG2.5-26	26			54	65	70				109	58.4	11.1	5.95		0.87
SSG2.5-27	27			56	67.5	72.5				115	63.2	11.7	6.44		0.94
SSG2.5-28	28			60	70	75				120	68.2	12.3	6.95		1.05
SSG2.5-29	29			60	72.5	77.5				126	73.3	12.9	7.48		1.10
SSG2.5-30	30			65	75	80				132	78.7	13.5	8.03		1.23
SSG2.5-32	32			70	80	85				144	90.1	14.7	9.19		1.42
SSG2.5-34	34	70	85	90	156	102	15.9	10.4	1.55						
SSG2.5-35	35	70	87.5	92.5	162	109	16.5	11.1	1.62						
SSG2.5-36	36	70	90	95	168	115	17.1	11.8	1.69						
SSG2.5-38	38	70	95	100	180	129	18.3	13.2	1.83						
SSG2.5-40	40	70	100	105	177	133	18.1	13.6	1.92						
SSG2.5-42	42	75	105	110	188	147	19.2	15.0	2.16						
SSG2.5-44	44	75	110	115	200	163	20.4	16.6	2.32						
SSG2.5-45	45	75	112.5	117.5	205	170	20.9	17.4	2.41						
SSG2.5-48	48	75	120	125	222	195	22.7	19.9	2.68						
SSG2.5-50	50	80	125	130	234	213	23.8	21.7	2.95						
SSG2.5-55	55	80	137.5	142.5	262	260	26.8	26.5	3.46						
SSG2.5-56	56	80	140	145	268	270	27.3	27.5	3.57						
SSG2.5-60	60	80	150	155	291	311	29.7	31.8	4.01						
SSG2.5-70	70	80	175	180	324	399	33.1	40.7	5.26						
SSG2.5-75	75	90	187.5	192.5	351	461	35.8	47.0	6.15						
SSG2.5-80	80	90	200	205	378	527	38.6	53.7	6.90						

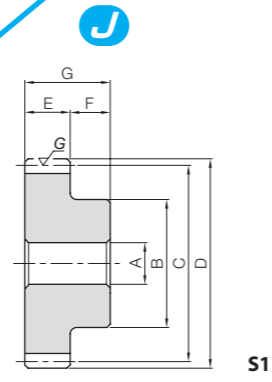
To order J Series products, please specify: **Catalog No. + J + BORE.**

Bore H7	* The product shapes of J Series items are identified by background color.															
	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	M4			M5				M6			M8		M10			
Catalog Number	S1T2	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-14 J BORE	S1T2															
SSG2.5-15 J BORE	S1K	S1K														
SSG2.5-16 J BORE	S1K	S1K	S1K	S1K												
SSG2.5-17 J BORE	S1K	S1K	S1K	S1K	S1K	S1K										
SSG2.5-18 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
SSG2.5-19 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
SSG2.5-20 J BORE				S1K	S1K	S1K	S1K									
SSG2.5-21 J BORE				S1K	S1K	S1K	S1K	S1K								
SSG2.5-22 J BORE				S1K	S1K	S1K	S1K	S1K	S1K							
SSG2.5-23 J BORE				S1K	S1K	S1K	S1K	S1K	S1K							
SSG2.5-24 J BORE				S1K	S1K	S1K	S1K	S1K	S1K							
SSG2.5-25 J BORE						S1K	S1K	S1K	S1K	S1K						
SSG2.5-26 J BORE						S1K	S1K	S1K	S1K	S1K	S1K					
SSG2.5-27 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG2.5-28 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG2.5-29 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG2.5-30 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG2.5-32 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG2.5-34 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG2.5-35 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG2.5-36 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG2.5-38 J BORE						S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG2.5-40 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG2.5-42 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-44 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-45 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-48 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-50 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-55 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-56 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-60 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-70 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-75 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG2.5-80 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	

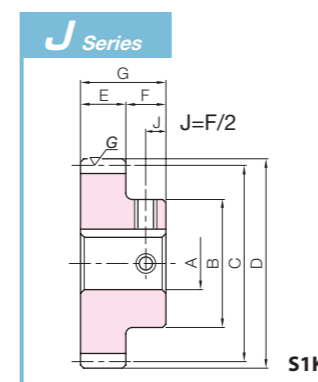


Specifications	
Precision grade	JIS grade N7 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for teeth

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



S1



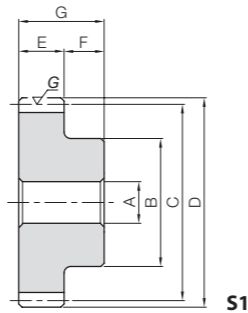
S1K



Catalog Number	No. of teeth	Shape	Bore A _{H7}	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			
SSG3-14	14	S1	16	34	42	48	30	20	50	74.1	26.1	7.55	2.66	0.10~0.20	0.39	
SSG3-15	15			36	45	51				83.1	30.5	8.48	3.11			0.46
SSG3-16	16			38	48	54				92.1	35.2	9.39	3.59			0.53
SSG3-17	17			37	51	57				101	40.3	10.3	4.11			0.57
SSG3-18	18			40	54	60				110	45.8	11.3	4.67			0.66
SSG3-19	19			45	57	63				120	51.6	12.2	5.26			0.77
SSG3-20	20			50	60	66				129	57.8	13.2	5.90			0.85
SSG3-21	21			52	63	69				139	64.4	14.2	6.57			0.94
SSG3-22	22			54	66	72				149	71.3	15.1	7.28			1.04
SSG3-23	23			56	69	75				158	78.7	16.1	8.02			1.14
SSG3-24	24			58	72	78				168	86.4	17.1	8.81			1.25
SSG3-25	25			60	75	81				178	94.5	18.1	9.64			1.36
SSG3-26	26			62	78	84				188	103	19.2	10.5			1.48
SSG3-27	27			65	81	87				198	111	20.2	11.3			1.61
SSG3-28	28			70	84	90				208	120	21.2	12.2			1.79
SSG3-29	29			70	87	93				218	129	22.2	13.2			1.88
SSG3-30	30			75	90	96				228	138	23.3	14.1			2.00
SSG3-32	32			75	96	102				229	146	23.4	14.9			2.21
SSG3-34	34	75	102	108	248	166	25.3	17.0	2.43							
SSG3-35	35	80	105	111	258	177	26.3	18.0	2.64							
SSG3-36	36	80	108	114	268	188	27.3	19.1	2.75							
SSG3-38	38	80	114	120	287	210	29.2	21.4	3.00							
SSG3-40	40	80	120	126	306	234	31.2	23.9	3.26							
SSG3-42	42	80	126	132	326	260	33.2	26.5	3.53							
SSG3-44	44	80	132	138	345	286	35.2	29.2	3.82							
SSG3-45	45	80	135	141	355	300	36.2	30.6	3.97							
SSG3-48	48	85	144	150	384	343	39.2	35.0	4.53							
SSG3-50	50	85	150	156	404	374	41.2	38.1	4.78							
SSG3-55	55	90	165	171	421	423	42.9	43.2	5.76							
SSG3-56	56	90	168	174	430	439	43.9	44.8	5.94							
SSG3-60	60	100	180	186	467	508	47.6	51.8	6.95							
SSG3-70	70	100	210	216	560	699	57.1	71.3	9.11							
SSG3-75	75	100	225	231	607	806	61.9	82.2	10.3							
SSG3-80	80	100	240	246	654	921	66.7	93.9	11.6							

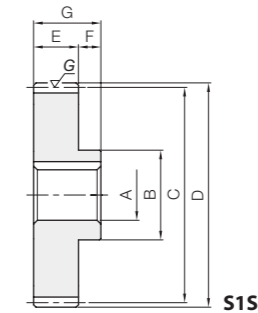
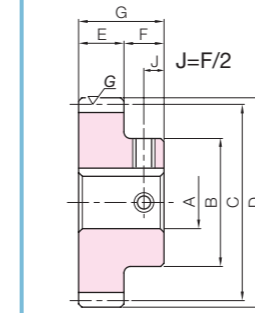
To order J Series products, please specify: **Catalog No. + J + BORE.**

Bore H7	* The product shapes of J Series items are identified by background color.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								SSG3-20 J BORE					S1K	S1K	S1K	S1K	S1K							SSG3-21 J BORE					S1K	S1K	S1K	S1K	S1K							SSG3-22 J BORE					S1K	S1K	S1K	S1K	S1K	S1K						SSG3-23 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K					SSG3-24 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K					SSG3-25 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				SSG3-26 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				SSG3-27 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				SSG3-28 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			SSG3-29 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			SSG3-30 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-32 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-34 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-35 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-36 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-38 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-40 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-42 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K		SSG3-44 J 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SSG3-32 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SSG3-35 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SSG3-36 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SSG3-38 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SSG3-40 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SSG3-42 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SSG3-44 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SSG3-45 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SSG3-48 J BORE								S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SSG3-50 J BORE										S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SSG3-55 J BORE										S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SSG3-56 J BORE										S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SSG3-60 J BORE										S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SSG3-70 J BORE										S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SSG3-75 J BORE										S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SSG3-80 J BORE										S1K	S1K	S1K	S1K	S1K	S1K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																



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 (excludes semi-custom products)

* 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 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		
SSG4-14	14	20	S1	40	56	64	40	25	65	176	63.4	17.9	6.47	0.10~0.20	0.86
SSG4-15	15			45	60	68				197	74.1	20.1	7.55		1.04
SSG4-16	16			50	64	72				218	85.6	22.3	8.73		1.24
SSG4-18	18			60	72	80				262	111	26.7	11.4		1.67
SSG4-20	20			65	80	88				307	141	31.3	14.3		2.07
SSG4-22	22			70	88	96				352	174	35.9	17.7		2.50
SSG4-24	24			75	96	104				368	194	37.5	19.8		2.98
SSG4-25	25			80	100	108				389	213	39.7	21.7		3.29
SSG4-28	28			85	112	120				455	270	46.4	27.5		4.05
SSG4-30	30			90	120	128				499	313	50.9	31.9		4.64
SSG4-32	32	25	S1	90	128	136	40	25	65	544	358	55.5	36.5	0.10~0.20	5.04
SSG4-35	35			90	140	148				612	432	62.4	44.0		5.83
SSG4-36	36			90	144	152				634	458	64.7	46.7		6.11
SSG4-40	40			90	160	168				674	529	68.7	54.0		7.31
SSG4-42	42			90	168	176				717	586	73.1	59.7		7.96
SSG4-44	44			90	176	184				760	646	77.5	65.8		8.53
SSG4-45	45			90	180	188				781	677	79.6	69.0		8.88
SSG4-48	48			100	192	200				846	774	86.3	79.0		10.3
SSG4-50	50			100	200	208				889	842	90.7	85.9		11.0
SSG4-55	55			100	220	228				998	1030	102	105		13.1
SSG4-56	56	110	224	232	1020	1060	104	109	13.9						
SSG4-60	60	110	240	248	1110	1230	113	125	15.7						
SSG4-62S	62	30	S1	120	248	256	40	25	65	1240	1360	127	138	0.10~0.20	16.8
SSG4-64S	64			130	256	264				1290	1450	131	148		18.1
SSG4-65S	65			130	260	268				1310	1500	134	153		18.6
SSG4-66S	66			130	264	272				1340	1550	136	158		19.2
SSG4-68S	68			140	272	280				1380	1650	141	168		20.6
SSG4-70S	70			140	280	288				1430	1750	146	178		21.7
SSG4-80S	80			160	320	328				1550	2150	158	219		28.6
SSG4-90S	90			180	360	368				1770	2750	181	281		36.3
SSG4-100S	100			200	400	408				2000	3440	204	351		45.0
SSG4-110S	110			220	440	448				2220	4190	226	427		54.6
SSG4-120S	120	240	480	488	2450	5010	249	511	65.1						

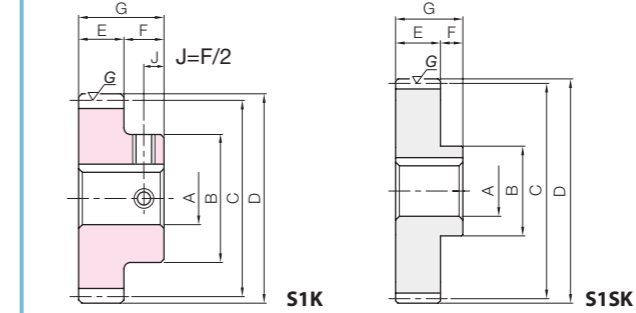
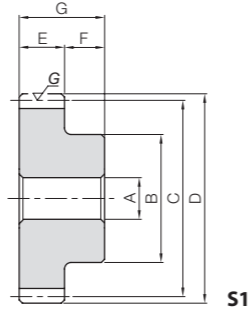
[Precautions for Semi-custom Products] Please see Pages 38~40 for more details.

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	85	90	95	100	105	110
Keyway Js9	20	22	25	28	30	32	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110
Screw size	6x2.8	8x3.3	10x3.3	12x3.3	14x3.8	16x4.3	18x4.4	20x4.9	22x5.4	25x5.4	28x6.4											
Catalog Number	M5	M6	M8	M10	M12	M16																
SSG4-14 J BORE	S1K	S1K																				
SSG4-15 J BORE	S1K	S1K	S1K																			
SSG4-16 J BORE	S1K	S1K	S1K	S1K	S1K																	
SSG4-18 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K															
SSG4-20 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K														
SSG4-22 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K													
SSG4-24 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K												
SSG4-25 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K											
SSG4-28 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K											
SSG4-30 J BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K										
SSG4-32 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
SSG4-35 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
SSG4-36 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K							
SSG4-40 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SSG4-42 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG4-44 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
SSG4-45 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
SSG4-48 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSG4-50 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SSG4-55 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
SSG4-56 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-60 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-62SJ BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-64SJ BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-65SJ BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-66SJ BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-68SJ BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-70SJ BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG4-80SJ BORE					S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG4-90SJ BORE					S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG4-100SJ BORE					S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG4-110SJ BORE					S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG4-120SJ BORE					S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK



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	—

* 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 A _{H7}	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		
SSG8-20S	20	S1	30	130	160	176	75	35	110	2300	1080	235	110	0.10~0.22	14.9
SSG8-25S	25			160	200	216				2920	1620	298	165		23.4
SSG8-30S	30			190	240	256				3750	2370	382	242		33.8
SSG8-32S	32			200	256	272				4080	2720	416	277		37.9
SSG8-35S	35			210	280	296				4590	3280	468	335		44.7
SSG8-36S	36		210	288	304	4760				3480	486	355	46.8		
SSG8-40S	40		220	320	336	5060				4030	516	411	56.7		
SSG8-42S	42		230	336	352	5380				4470	548	456	62.5		
SSG8-44S	44		230	352	368	5700				4930	581	502	67.6		
SSG8-45S	45		230	360	376	5860				5170	598	527	70.3		
SSG8-48S	48	240	384	400	6350	5920	647	603	79.5						
SSG8-50S	50	240	400	416	6670	6450	680	657	85.3						
SSG8-55S	55	240	440	456	7490	7850	764	801	101						
SSG8-56S	56	240	448	464	7650	8150	780	831	104						
SSG8-60S	60	240	480	496	8310	9390	848	958	118						
SSG10-20S	20	S1	40	160	200	220	90	40	130	3980	1920	406	196	0.10~0.22	27.2
SSG10-25S	25			200	250	270				5480	3100	559	317		43.3
SSG10-30S	30			240	300	320				7030	4550	717	464		62.1
SSG10-32S	32			250	320	340				7110	4840	725	493		70.2
SSG10-35S	35			260	350	370				7990	5840	815	596		82.6
SSG10-36S	36		270	360	380	8290				6200	845	632	87.9		
SSG10-40S	40		280	400	420	9480				7740	967	789	106		

[Precautions for Semi-custom Products] Please see Pages 38~40 for more details.

Bore H7	* The product shapes of J Series items are identified by background color.																								
	30	32	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	120	130	140	150	160	170	180
Keyway J _{s9}	30	32	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	120	130	140	150	160	170	180
Screw size	8x3.3	10x3.3	12x3.3	14x3.8	16x4.3	18x4.4	20x4.9	22x5.4	25x5.4	28x6.4	32x7.4	36x8.4	40x9.4	45x10.4											
Catalog Number	M6	M8	M10	M12	M16	M20																			
SSG8-20 SJ BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG8-25 SJ BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG8-30 SJ BORE	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG8-32 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-35 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-36 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-40SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-42 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-44 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-45 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-48 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-50 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-55 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-56 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG8-60 SJ BORE	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG10-20 SJ BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG10-25 SJ BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K
SSG10-30 SJ BORE				S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG10-32 SJ BORE				S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG10-35 SJ BORE				S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG10-36 SJ BORE				S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK
SSG10-40 SJ BORE				S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK	S1SK