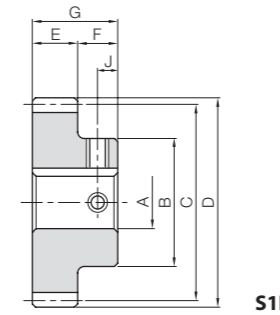
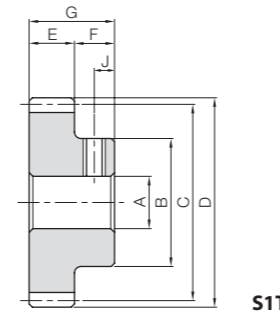
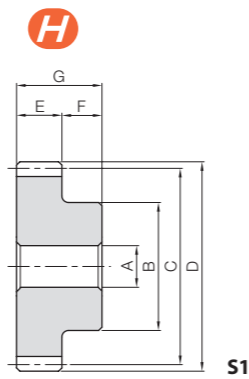




Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 194HB)
Surface treatment	Black oxide coating

*The precision grade of products with a module of less than 0.8 is equivalent to the value shown in the table.



H To order Hardened Plus, please specify **Catalog No. + H**. Example: **SSY0.8-20H**

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 x Depth
SSY0.8-20	m0.8	20	S1	5	13.5	16	17.6	4	8	12	—
SSY0.8-25		25	S1	5	17	20	21.6				
SSY0.8-30		30	S1	5	20	24	25.6				
SSY0.8-40		40	S1	5	25	32	33.6				
SSY0.8-50		50	S1	5	25	40	41.6				
SSY0.8-50A		6	S1T	5	25	40	41.6				
SSY1-12	m1	12	S1	5	9	12	14	6	8	14	—
SSY1-12A		12	S1T	5	9	12	14				
SSY1-14		14	S1	5	11	14	16				
SSY1-14A		14	S1T	5	11	14	16				
SSY1-15		15	S1	6	12	15	17				
SSY1-15A		15	S1T	6	12	15	17				
SSY1-16		16	S1	6	13	16	18				
SSY1-16A		16	S1T	6	13	16	18				
SSY1-18		18	S1	6	14	18	20				
SSY1-18A		18	S1T	6	14	18	20				
SSY1-20		20	S1	6	16	20	22				
SSY1-20A		20	S1T	6	16	20	22				
SSY1-20B		8	S1T	6	16	20	22				
SSY1-24		24	S1	6	16	24	26				
SSY1-24A		24	S1T	6	16	24	26				
SSY1-25		25	S1	6	16	25	27				
SSY1-28		28	S1	6	16	28	30				
SSY1-28A		28	S1T	6	16	28	30				
SSY1-30	30	S1	6	25	30	32					
SSY1-30A	30	S1T	6	25	30	32					
SSY1-30B	8	S1T	6	25	30	32					
SSY1-32	32	S1	6	25	32	34					
SSY1-35	35	S1	6	25	35	37					
SSY1-35A	35	S1T	6	25	35	37					
SSY1-36	36	S1	6	25	36	38					
SSY1-40	40	S1	8	28	40	42					
SSY1-40A	40	S1T	8	28	40	42					
SSY1-45	45	S1	8	28	45	47					
SSY1-48	48	S1	8	28	48	50					
SSY1-50	50	S1	8	28	50	52					
SSY1-55	55	S1	8	28	55	57					
SSY1-56	56	S1	8	28	56	58					
SSY1-60	60	S1	8	35	60	62					
SSY1-64	64	S1	8	35	64	66					
SSY1-70	70	S1	8	35	70	72					
SSY1-72	72	S1	8	35	72	74					
SSY1-75	75	S1	8	35	75	77					
SSY1-80	80	S1	10	40	80	82					
SSY1-90	90	S1	10	40	90	92					
SSY1-100	100	S1	10	50	100	102					
SSY1-110	110	S1	10	50	110	112					
SSY1-120	120	S1	10	50	120	122	—				
SSY1-120A		12	S1K	10	50	120		122			

[Caution on Secondary Operations] ① See Page 22 for more details on Hardened Plus (H Series and HJ Series).

Socket head screw	Size	J	Allowable torque					Backlash (mm)	Weight (kg)	Catalog Number
			Bending strength		Surface durability H					
			N·m	kgf·m	N·m	kgf·m	N·m			
—	—	—	1.47	0.15	0.085	0.0087	0.41	0.042	0.013	SSY0.8-20
—	—	—	2.03	0.21	0.134	0.014	0.65	0.066	0.022	SSY0.8-25
—	—	—	2.60	0.27	0.197	0.020	0.95	0.097	0.032	SSY0.8-30
—	—	—	3.77	0.39	0.362	0.037	1.71	0.17	0.054	SSY0.8-40
M4	4	4	4.98	0.51	0.580	0.059	2.70	0.28	0.068	SSY0.8-50
—	—	—	—	—	—	—	—	—	0.067	SSY0.8-50A
M4	4	4	1.22	0.12	0.069	0.0070	0.34	0.034	0.0072	SSY1-12
—	—	—	—	—	—	—	—	—	0.0070	SSY1-12A
M4	4	4	1.98	0.20	0.096	0.010	0.47	0.048	0.011	SSY1-14
—	—	—	—	—	—	—	—	—	0.011	SSY1-14A
M4	4	4	2.22	0.23	0.11	0.011	0.54	0.055	0.012	SSY1-15
—	—	—	—	—	—	—	—	—	0.012	SSY1-15A
M4	4	4	2.46	0.25	0.13	0.013	0.62	0.063	0.015	SSY1-16
—	—	—	—	—	—	—	—	—	0.014	SSY1-16A
M4	4	4	2.95	0.30	0.16	0.017	0.79	0.08	0.019	SSY1-18
—	—	—	—	—	—	—	—	—	0.018	SSY1-18A
—	—	—	—	—	—	—	0.98	0.10	0.024	SSY1-20
M4	4	4	3.45	0.35	0.20	0.021	—	—	0.024	SSY1-20A
M5	4	4	—	—	—	—	—	—	0.021	SSY1-20B
—	—	—	—	—	—	—	—	—	0.031	SSY1-24
M4	4	4	4.48	0.46	0.30	0.030	1.42	0.14	0.030	SSY1-24A
—	—	—	—	—	—	—	—	—	0.033	SSY1-25
—	—	—	—	—	—	—	—	—	0.033	SSY1-25
M4	4	4	5.55	0.57	0.41	0.042	1.95	0.20	0.039	SSY1-28
—	—	—	—	—	—	—	—	—	0.038	SSY1-28A
—	—	—	—	—	—	—	2.24	0.23	0.061	SSY1-30
M4	4	4	6.08	0.62	0.47	0.048	—	—	0.060	SSY1-30A
M5	4	4	—	—	—	—	—	—	0.057	SSY1-30B
—	—	—	—	—	—	—	—	—	0.066	SSY1-32
—	—	—	—	—	—	—	—	—	0.073	SSY1-35
M5	4	4	7.45	0.76	0.66	0.067	3.08	0.31	0.069	SSY1-35A
—	—	—	—	—	—	—	—	—	0.076	SSY1-36
—	—	—	—	—	—	—	—	—	0.076	SSY1-36
—	—	—	—	—	—	—	—	—	0.092	SSY1-40
M5	4	4	8.84	0.90	0.87	0.089	4.05	0.41	0.091	SSY1-40A
—	—	—	—	—	—	—	—	—	0.11	SSY1-45
—	—	—	—	—	—	—	—	—	0.12	SSY1-48
—	—	—	—	—	—	—	—	—	0.13	SSY1-50
—	—	—	—	—	—	—	—	—	0.15	SSY1-55
—	—	—	—	—	—	—	—	—	0.15	SSY1-55
—	—	—	—	—	—	—	—	—	0.15	SSY1-56
—	—	—	—	—	—	—	—	—	0.19	SSY1-60
—	—	—	—	—	—	—	—	—	0.21	SSY1-64
—	—	—	—	—	—	—	—	—	0.24	SSY1-70
—	—	—	—	—	—	—	—	—	0.25	SSY1-72
—	—	—	—	—	—	—	—	—	0.26	SSY1-75
—	—	—	—	—	—	—	—	—	0.31	SSY1-80
—	—	—	—	—	—	—	—	—	0.37	SSY1-90
—	—	—	—	—	—	—	—	—	0.48	SSY1-100
—	—	—	—	—	—	—	—	—	0.56	SSY1-110
—	—	—	—	—	—	—	—	—	0.65	SSY1-120
M4	4	4	32.1	3.27	8.80	0.90	38.7	3.94	0.58	SSY1-120A