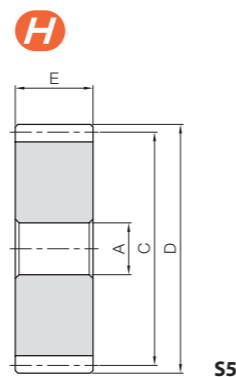




Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 194HB)
Surface treatment	Black oxide coating



H To order Hardened Plus, please specify **Catalog No. + H**. Example: **SSAY1-20H**

Catalog Number	Module	No. of teeth	Shape	Bore		Pitch dia.		Outside dia.		Face width		Allowable torque							
				AH7	C	D	E	Bending strength		Surface durability		Surface durability H							
								N·m	kgf·m	N·m	kgf·m	N·m	kgf·m						
SSAY1-20	m1	20	S5	6	20	22	6	6	6	6	6	3.45	0.35	0.20	0.021	0.98	0.10		
SSAY1-24		24										26	4.48	0.46	0.30	0.030	1.42	0.14	
SSAY1-25		25										27	4.74	0.48	0.32	0.033	1.54	0.16	
SSAY1-28		28										30	5.55	0.57	0.41	0.042	1.95	0.20	
SSAY1-30		30										32	6.08	0.62	0.47	0.048	2.24	0.23	
SSAY1-32		32		34	6	6	6	6	6	6	6	6	6	6.63	0.68	0.54	0.055	2.56	0.26
SSAY1-35		35		37										7.45	0.76	0.66	0.067	3.08	0.31
SSAY1-36		36		38										7.73	0.79	0.70	0.071	3.26	0.33
SSAY1-40		40		42										8.84	0.90	0.87	0.089	4.05	0.41
SSAY1-45		45		47										10.3	1.05	1.12	0.11	5.17	0.53
SSAY1-48		48	50	6	6	6	6	6	6	6	6	6	11.1	1.13	1.28	0.13	5.90	0.60	
SSAY1-50		50	52										11.7	1.19	1.39	0.14	6.42	0.65	
SSAY1-55		55	57										13.1	1.34	1.70	0.17	7.81	0.80	
SSAY1-56		56	58										13.4	1.37	1.77	0.18	8.11	0.83	
SSAY1-60		60	62										14.5	1.48	2.04	0.21	9.34	0.95	
SSAY1-70		70	72										17.4	1.78	2.82	0.29	12.8	1.31	
SSAY1-80		80	82	20.3	2.07	3.74	0.38	16.9	1.72										
SSAY1-100		100	102	26.2	2.67	5.98	0.61	26.6	2.72										

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

Backlash (mm)	Weight (kg)	Catalog Number
0.08~0.18	0.013	SSAY1-20
	0.020	SSAY1-24
	0.022	SSAY1-25
	0.028	SSAY1-28
	0.032	SSAY1-30
	0.037	SSAY1-32
	0.044	SSAY1-35
	0.047	SSAY1-36
	0.058	SSAY1-40
	0.074	SSAY1-45
	0.084	SSAY1-48
	0.090	SSAY1-50
	0.11	SSAY1-55
	0.11	SSAY1-56
	0.13	SSAY1-60
	0.18	SSAY1-70
	0.23	SSAY1-80
	0.37	SSAY1-100

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