



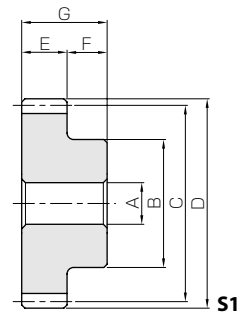
Steel Spur Gears



Module 1



Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998) JIS grade 4 (JIS B1702: 1976)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 194HB)



Catalog No.	Module	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length	Keyway
				AH7	B	C	D	E	F	G	Width×Depth
SS1-65 SS1-65A	m1	65	S1	10	40	65	67	10	10	20	—
S1K			12	4 x 1.8							
SS1-66 SS1-66A		66	S1	10	40	66	68	10	10	20	—
S1K			12	4 x 1.8							
SS1-68 SS1-68A		68	S1	10	40	68	70	10	10	20	—
S1K			12	4 x 1.8							
SS1-70 SS1-70A SS1-70B SS1-70C		70	S1	10	40	70	72	10	10	20	—
S1K			12	4 x 1.8							
S1K			15	5 x 2.3							
S1K			18	6 x 2.8							
SS1-72 SS1-72A SS1-72B SS1-72C		72	S1	10	40	72	74	10	10	20	—
S1K			12	4 x 1.8							
S1K			15	5 x 2.3							
S1K			18	6 x 2.8							
SS1-75 SS1-75A		75	S1	10	40	75	77	10	10	20	—
S1K			12	4 x 1.8							
SS1-76 SS1-76A		76	S1	10	40	76	78	10	10	20	—
S1K			12	4 x 1.8							
SS1-80 SS1-80A SS1-80B SS1-80C		80	S1	10	40	80	82	10	10	20	—
S1K			12	4 x 1.8							
S1K	15		5 x 2.3								
S1K	18		6 x 2.8								
SS1-84 SS1-84A	84	S1	10	40	84	86	10	10	20	—	
S1K		12	4 x 1.8								
SS1-85 SS1-85A	85	S1	10	40	85	87	10	10	20	—	
S1K		12	4 x 1.8								
SS1-88 SS1-88A	88	S1	10	40	88	90	10	10	20	—	
S1K		12	4 x 1.8								
SS1-90 SS1-90A SS1-90B SS1-90C	90	S1	10	40	90	92	10	10	20	—	
S1K		12	4 x 1.8								
S1K		15	5 x 2.3								
S1K		18	6 x 2.8								
SS1-95 SS1-95A	95	S1	10	40	95	97	10	10	20	—	
S1K		12	4 x 1.8								
SS1-96 SS1-96A	96	S1	10	40	96	98	10	10	20	—	
S1K		12	4 x 1.8								
SS1-100 SS1-100A SS1-100B SS1-100C	100	S1	10	40	100	102	10	10	20	—	
S1K		12	4 x 1.8								
S1K		15	5 x 2.3								
S1K		18	6 x 2.8								
SS1-110 SS1-110A	110	S1	15	50	110	112	10	10	20	—	
S1K		15	40	5 x 2.3							
SS1-120 SS1-120A SS1-120B	120	S1	15	50	120	122	10	10	20	—	
S1K		15	40	5 x 2.3							
S1K		18	6 x 2.8								
SS1-150	150	S1	20	120	150	152	10	10	20	—	
SS1-200	200	S1	20	160	200	202	10	10	20	—	

[Caution on Product Characteristics]

- ① For products with a tapped hole, a set screw is included.
- ② The allowable torques shown in the table are calculated values according to the assumed usage conditions. Please see Page 31 for more details.
- ③ 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.
- ④ The use of S1T shaped set screws for fastening gears to a shaft, is a method only applicable to light load usage. For secure fastening, please use dowel pins, in combination.