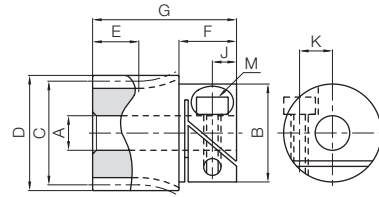


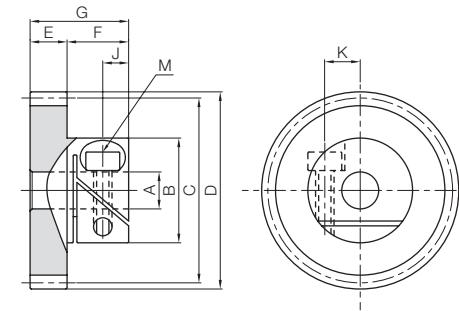


Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	SUS303
Heat treatment	—
Tooth hardness	(less than 187HB)

\* The gear grade listed is the value before clamping.  
The precision grade of products with a module of 0.5 or less is equivalent to the value shown in the table.



S3



S1

Catalog Number	Module	No. of teeth	Shape	Bore		Pitch dia.	Outside dia.	Face width	Hub width	Total length	Hex socket screw											
				A <sub>H7</sub>	B						C	D	E	F	G	M	J	K				
SUSF0.5-16	m0.5	16	S3	4	14	8	9	7	8	22	M2.5	3.3	4.4									
SUSF0.5-24		12				13																
SUSF0.5-28		14				15																
SUSF0.5-30		15				16																
SUSF0.5-32		16				17																
SUSF0.5-35		S1	35	6	17	17.5	18.5	5	10	15	M3	4.5	5.7									
SUSF0.5-45			22.5			23.5																
SUSF0.5-50			25			26																
SUSF0.5-60			30			31																
SUSF0.5-70			35			36																
SUSF0.5-80	40		41																			
SUSF1-14	m1		14			S3	6							17	14	16	8	10	25	M3	4.5	5.7
SUSF1-15			15												17							
SUSF1-16		16	18																			
SUSF1-18		18	20																			
SUSF1-20		20	22																			
SUSF1-24		S1	24	8	19	24	26	6	14	20	M4	5.3	7.7									
SUSF1-25			25			27																
SUSF1-28			28			30																
SUSF1-30			30			32																
SUSF1-32			32			34																
SUSF1-35	35		37																			
SUSF1-36	36		38																			
SUSF1-40	40		42																			
SUSF1-45	45	47																				
SUSF1-48	48	50																				
SUSF1-50	S1	50	10	24	50	52	14	20	20	M4	5.3	7.7										
SUSF1-60		60			62																	
SUSF1-64		64			66																	
SUSF1-70		70			72																	
SUSF1-100		100			102																	

Allowable torque (N·m)		Allowable torque (kgf·m)		Ref. slipping torque	Standard screw tightening torque (N·m)	Backlash (mm)	Weight (g)	Catalog Number
Bending strength	Surface durability	Bending strength	Surface durability					
0.40	0.023	0.040	0.0023	0.62	0.45	0~0.10	13.9	SUSF0.5-16
0.72	0.056	0.074	0.0057				20.0	SUSF0.5-24
0.89	0.079	0.091	0.0080				16.0	SUSF0.5-28
0.98	0.091	0.10	0.0093				16.9	SUSF0.5-30
0.76	0.075	0.078	0.0077				22.6	SUSF0.5-32
0.86	0.088	0.088	0.009	1.79	0.80		24.2	SUSF0.5-35
1.18	0.15	0.12	0.015				30.4	SUSF0.5-45
1.34	0.19	0.14	0.019				34.1	SUSF0.5-50
1.67	0.28	0.17	0.029				44.5	SUSF0.5-60
2.01	0.39	0.20	0.040				54.7	SUSF0.5-70
2.34	0.51	0.24	0.052	4.50	2.00	88.2	SUSF0.5-80	
1.46	0.088	0.15	0.0090	1.79	0.80	33.3	SUSF1-14	
1.63	0.10	0.17	0.010			36.2	SUSF1-15	
1.81	0.12	0.18	0.012			39.3	SUSF1-16	
2.17	0.15	0.22	0.015			26.5	SUSF1-18	
1.91	0.14	0.19	0.015			29.4	SUSF1-20	
2.48	0.21	0.25	0.021			35.9	SUSF1-24	
2.62	0.23	0.27	0.023			37.8	SUSF1-25	
3.06	0.29	0.31	0.030			43.7	SUSF1-28	
3.36	0.34	0.34	0.034			49.7	SUSF1-30	
3.66	0.39	0.37	0.039			54.4	SUSF1-32	
4.12	0.47	0.42	0.047	2.22	0.80	61.9	SUSF1-35	
4.27	0.49	0.44	0.050			64.5	SUSF1-36	
4.89	0.62	0.50	0.063			75.9	SUSF1-40	
5.66	0.79	0.58	0.081			91.8	SUSF1-45	
6.14	0.91	0.63	0.093			102	SUSF1-48	
6.45	0.99	0.66	0.10	4.50	2.00	131	SUSF1-50	
8.03	1.45	0.82	0.15			172	SUSF1-60	
8.67	1.66	0.88	0.17			191	SUSF1-64	
9.63	2.00	0.98	0.20			221	SUSF1-70	
14.5	4.25	1.48	0.43			411	SUSF1-100	