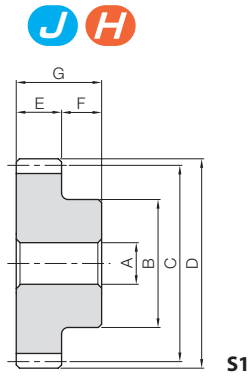




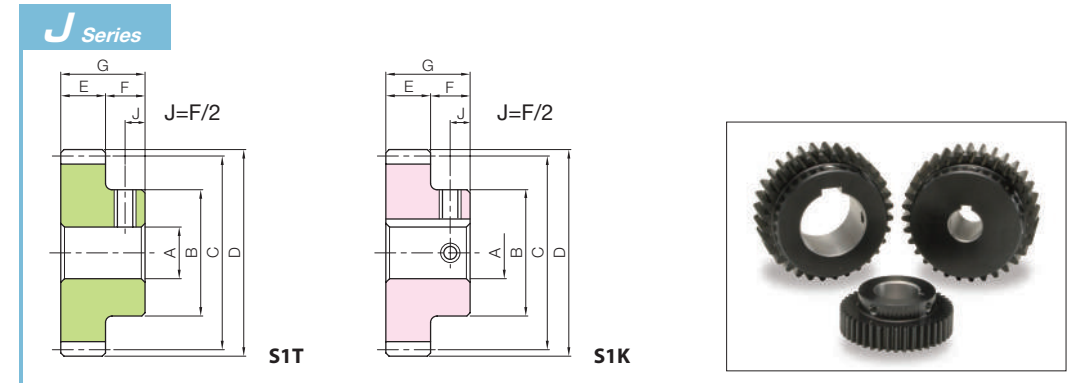
Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 194HB)
Surface treatment	Black oxide coating
Shape	S1



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

To order Hardened Plus, please specify **Catalog No. + H**. Example: **SSCP2.5-20H**

Catalog Number	Pitch mm (Module)	No. of teeth	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length	Distance traveled in one turn (mm)	Allowable torque						Backlash (mm)	Weight (kg)
											Bending strength		Surface durability		Surface durability H			
											N·m	kgf·m	N·m	kgf·m	N·m	kgf·m		
SSCP2.5-20		20	6	13	15.92	17.51				50	4.14	0.42	0.48	0.049	1.60	0.16	0~0.14	0.022
SSCP2.5-25	CP2.5	25	8	17	19.89	21.49	10	10	20	62.5	5.58	0.57	0.83	0.085	2.74	0.28		
SSCP2.5-30	(0.7958)	30	8	21	23.87	25.46				75	7.06	0.72	1.30	0.13	4.20	0.43		
SSCP2.5-40		40	10	28	31.83	33.42				100	10.1	1.03	2.64	0.27	8.30	0.85		
SSCP5-20		20	8	25	31.83	35.01				100	24.8	2.53	3.52	0.36	11.0	1.12	0.09~0.25	0.14
SSCP5-25	CP5	25	10	32	39.79	42.97	15	15	30	125	33.5	3.42	6.06	0.62	18.6	1.89		
SSCP5-30	(1.5915)	30	10	38	47.75	50.93				150	42.3	4.32	9.45	0.96	28.6	2.92		
SSCP5-40		40	12	45	63.66	66.85				200	60.4	6.16	18.7	1.91	55.7	5.68		
SSCP10-20		20	15	50	63.66	70.03				200	198	20.2	30.8	3.14	91.1	9.29	0.14~0.35	0.99
SSCP10-25	CP10	25	20	60	79.58	85.94	30	20	50	250	268	27.3	52.7	5.37	154	15.7		
SSCP10-30	(3.1831)	30	20	75	95.49	101.86				300	339	34.5	81.7	8.33	238	24.2		
SSCP10-40		40	20	80	127.32	133.69				400	483	49.3	160	16.4	464	47.3		
SSCP15-20		20	22	75	95.49	105.04				300	744	75.9	116	11.9	338	34.5	0.20~0.47	3.52
SSCP15-25	CP15	25	25	100	119.37	128.92	50	27	77	375	1000	102	199	20.3	573	58.5		
SSCP15-30	(4.7746)	30	25	110	143.24	152.79				450	1270	130	308	31.4	885	90.2		
SSCP20-20		20	25	100	127.32	140.06				400	1590	162	264	26.9	759	77.4		
SSCP20-25	CP20	25	30	130	159.15	171.89	60	30	90	500	2140	219	449	45.8	1290	131	0.22~0.54	12.0
SSCP20-30	(6.3662)	30	30	150	190.99	203.72				600	2710	276	693	70.7	1990	202		



To order J Series products, please specify: **Catalog No. + J + BORE**. Example: **SSCP2.5-20J6**

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	32	35	40	45	50	55	60	65	70	75	80						
Keyway Js9	—																															
Screw size	4x1.8				5x2.3				6x2.8				8x3.3				10x3.3				12x3.3		14x3.8		16x4.3		18x4.4		20x4.9		22x5.4	
Catalog Number	M4	M5	M4				M5				M6				M8				M10		M12		M14		M16							
SSCP2.5-20 J BORE	S1T																															
SSCP2.5-25 J BORE	S1T																															
SSCP2.5-30 J BORE	S1T																															
SSCP2.5-40 J BORE		S1K	S1K	S1K	S1K																											
SSCP5-20 J BORE	S1T	S1K	S1K																													
SSCP5-25 J BORE		S1K	S1K	S1K	S1K	S1K	S1K																									
SSCP5-30 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K																							
SSCP5-40 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K																					
SSCP10-20 J BORE					S1K	S1K	S1K	S1K	S1K	S1K																						
SSCP10-25 J BORE											S1K	S1K	S1K	S1K	S1K	S1K																
SSCP10-30 J BORE											S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K														
SSCP10-40 J BORE											S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K													
SSCP15-20 J BORE												S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K													
SSCP15-25 J BORE												S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSCP15-30 J BORE												S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSCP20-20 J BORE												S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSCP20-25 J BORE													S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
SSCP20-30 J BORE														S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			

To order J Series Hardened Plus products, please specify: **Catalog No. + H + J + BORE**. Example: **SSCP2.5-40HJ12**

"*" is a product with the original bore diameter, so Hardened Plus is not available. See Page 22 for more details on Hardened Plus.

SSCP-**H** **CP** hardened spur gear recommended mating rack



SRCPF-H/SRCPFD-H
CP Hardened Racks

Please see Page 292 for more details.

SSCP **CP** spur gear recommended mating rack



SRCP/SRCPF/SRCPFD(K)
CP Racks

Please see Page 296 for more details.