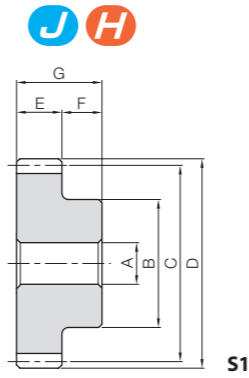




Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 194HB)
Surface treatment	Black oxide coating
Shape	S1

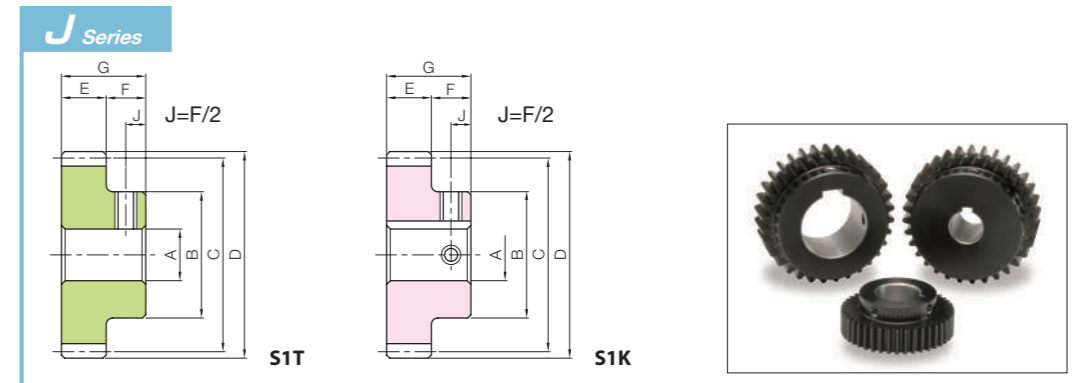


* The precision grade of J Series products is equivalent to the value shown in the table.

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	CP2.5 (0.7958)	20	6	13	15.92	17.51	10	10	20	50	4.14	0.42	0.48	0.049	1.60	0.16	0~0.14	0.022	
SSCP2.5-30		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	CP5 (1.5915)	20	8	25	31.83	35.01	15	15	30	100	24.8	2.53	3.52	0.36	11.0	1.12	0.09~0.25	0.14	
SSCP5-25		25	10	32	39.79	42.97					125	33.5	3.42	6.06	0.62	18.6			1.89
SSCP5-30		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	0.54						
SSCP10-20	CP10 (3.1831)	20	15	50	63.66	70.03	30	20	50	200	198	20.2	30.8	3.14	91.1	9.29	0.14~0.35	0.99	
SSCP10-25		25	20	60	79.58	85.94					250	268	27.3	52.7	5.37	154			15.7
SSCP10-30		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	3.66						
SSCP15-20	CP15 (4.7746)	20	22	75	95.49	105.04	50	27	77	300	744	75.9	116	11.9	338	34.5	0.20~0.47	5.76	
SSCP15-25		25	25	100	119.37	128.92					375	1000	102	199	20.3	573			58.5
SSCP15-30		30	25	110	143.24	152.79					450	1270	130	308	31.4	885			90.2
SSCP20-20	CP20 (6.3662)	20	25	100	127.32	140.06	60	30	90	400	1590	162	264	26.9	759	77.4	0.22~0.54	12.0	
SSCP20-25		25	30	130	159.15	171.89					500	2140	219	449	45.8	1290			131
SSCP20-30		30	30	150	190.99	203.72					600	2710	276	693	70.7	1990			202

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



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	—		4x1.8			5x2.3			6x2.8			8x3.3			10x3.3			12x3.3	14x3.8	16x4.3	18x4.4	20x4.9	22x5.4							
Screw size	M4		M5		M4			M5			M6			M8			M10			M12			M14			M16				
Catalog Number	SSCP2.5-20 J BORE		SSCP2.5-30 J BORE		SSCP2.5-40 J BORE			SSCP5-20 J BORE			SSCP5-25 J BORE			SSCP5-30 J BORE			SSCP5-40 J BORE			SSCP10-20 J BORE			SSCP10-25 J BORE			SSCP10-30 J BORE			SSCP10-40 J BORE	
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To order J Series Hardened Plus products, please specify: **Catalog No. + H + J + BORE**. Example: **SSCP2.5-40HJ12**

[Caution on J series] ① Cancellation is not possible for made-to-order products. See page 42 for lead times and allowable order quantities. See page 44 for other precautions.
② "*" 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

SSCP **CP** spur gear recommended mating rack



SRCPF-H/SRCPFD-H
CP Hardened Racks

Please see Page 296 for more details.



SRCP/SRCPF/SRCPFD(K)
CP Racks

Please see Page 300 for more details.