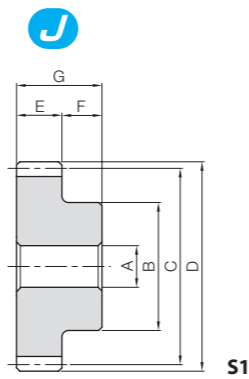
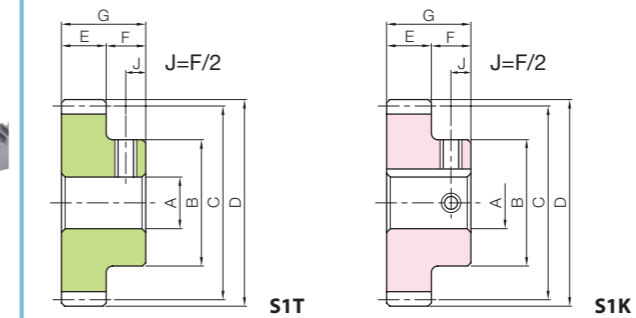


Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	SUS303
Heat treatment	—
Tooth hardness	(less than 187HB)

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



J Series

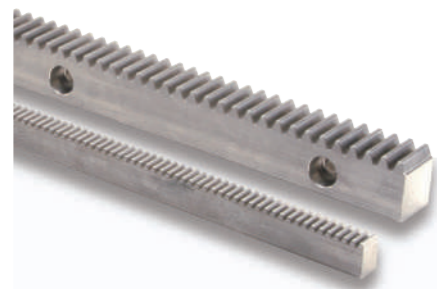


To order J Series products, please specify: **Catalog No. + J + BORE.**

Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Bore		Pitch dia.	Outside dia.	Face width	Hub width	Total length	Distance traveled in one turn (mm)	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)
				A _{H7}	B							Bending strength	Surface durability	Bending strength	Surface durability		
SUSCP5-20 SUSCP5-25 SUSCP5-30	CP5 (1.5915)	20	S1	8	25	31.83	35.01	15	15	30	100	13.7	2.50	1.40	0.25	0.09~0.27	0.14
		25		10	32	39.78	42.97										
		30		10	38	47.74	50.93										
SUSCP10-20 SUSCP10-25 SUSCP10-30	CP10 (3.1831)	20	S1	15	50	63.66	70.03	30	20	50	200	110	21.9	11.2	2.23	0.14~0.37	1.00
		25		20	60	79.57	85.94										
		30		20	75	95.49	101.86										

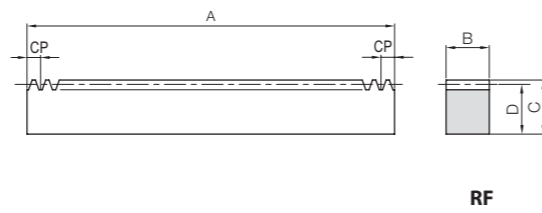
Bore H7	* The product shapes of J Series items are identified by background color.																			
	8	10	12	14	15	16	17	18	19	20	22	25	28	30	32	35	40	45		
Keyway J _{s9}	—																			
Screw size	4×1.8			5×2.3				6×2.8				8×3.3				10×3.3		12×3.3		14×3.8
Catalog Number	M5		M4				M5				M6				M8		M10			
SUSCP5-20 J BORE	S1T	S1K	S1K																	
SUSCP5-25 J BORE		S1K	S1K	S1K	S1K	S1K	S1K													
SUSCP5-30 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K									
SUSCP10-20 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
SUSCP10-25 J BORE												S1K	S1K	S1K	S1K	S1K	S1K	S1K		
SUSCP10-30 J BORE												S1K	S1K	S1K	S1K	S1K	S1K	S1K		

SURCPF/SURCPFD Circular pitch 5, 10
CP Stainless Steel Racks



Specifications	
Precision grade	KHK R 001 Grade 5 *
Gear teeth	Standard full depth
Pressure angle	20°
Material	SUS304
Heat treatment	Solution treated
Tooth hardness	(less than 187HB)

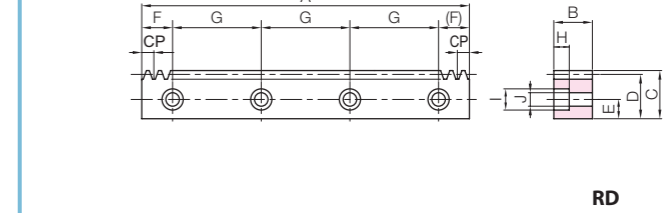
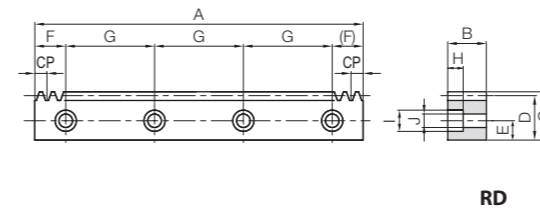
* The precision grade of J Series products is equivalent to the value shown in the table.



Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length	Face width	Height	Height to pitch line	Allowable force (N)		Allowable force (kgf)	
				A	B	C	D	Bending strength	Surface durability	Bending strength	Surface durability
SURCPF5-500 SURCPF5-1000	CP5 (1.5915)	100	RF	500	15	20	18.41	1090	263	111	26.8
		200		1000							
SURCPF10-500 SURCPF10-1000	CP10 (3.1831)	50	RF	500	30	35	31.82	4370	1050	445	107
		100		1000							

Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length	Face width	Height	Height to pitch line	Mounting hole dimensions				
				A	B	C	D	E	F	G	No. of holes	Screw size
● SURCPFD5-500J SURCPFD5-1000	CP5 (1.5915)	100	RD	500	15	20	18.41	8	25	150	4	M5
		200		1000								
● SURCPFD10-500J SURCPFD10-1000	CP10 (3.1831)	50	RD	500	30	35	31.82	14	25	150	4	M10
		100		1000								

J Series



Backlash (mm)	Weight (kg)	Catalog Number
0.09~0.27	1.09 2.19	SURCPF5-500 SURCPF5-1000
0.14~0.37	3.78 7.57	SURCPF10-500 SURCPF10-1000

Counterbore dimensions			Allowable force (N)		Allowable force (kgf)		Backlash (mm)	Weight (kg)	Catalog Number
H	I	J	Bending strength	Surface durability	Bending strength	Surface durability			
6	10	6	1090	263	111	26.8	0.09~0.27	1.07 2.16	● SURCPFD5-500J SURCPFD5-1000
10.8	17.5	11	4370	1050	445	107	0.14~0.37	3.65 7.36	● SURCPFD10-500J SURCPFD10-1000