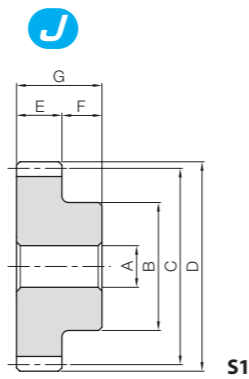
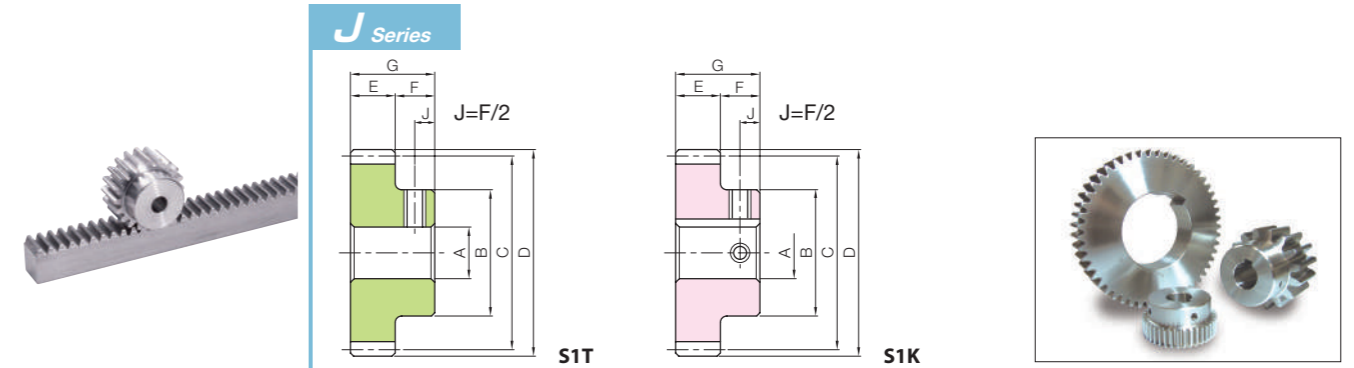


Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	SUS303
Heat treatment	—
Tooth hardness	(less than 187HB)

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



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)
				AH7	B							Bending strength	Surface durability	Bending strength	Surface durability		
SUSCP5-20	CP5 (1.5915)	20	S1	8	25	31.83	35.01	15	15	30	125	13.7	2.50	1.40	0.25	0.09~0.27	0.14
SUSCP5-25		25		10	32	39.78	42.97					18.5	4.31	1.89	0.44		
SUSCP5-30		30		10	38	47.74	50.93					23.4	6.72	2.39	0.68		
SUSCP10-20	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
SUSCP10-30		30		20	75	95.49	101.86					187	58.0	19.1	5.92		



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

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}	—		4×1.8			5×2.3			6×2.8			8×3.3			10×3.3		12×3.3		14×3.8	
Screw size	—		M4			M5			M6			M8		M10		—		—		
Catalog Number	M5		M4			M5			M6			M8		M10		—		—		
SUSCP5-20 J BORE	■		■			■			■			■		■		■		■		
SUSCP5-25 J BORE	■		■			■			■			■		■		■		■		
SUSCP5-30 J BORE	■		■			■			■			■		■		■		■		
SUSCP10-20 J BORE	■		■			■			■			■		■		■		■		
SUSCP10-30 J BORE	■		■			■			■			■		■		■		■		

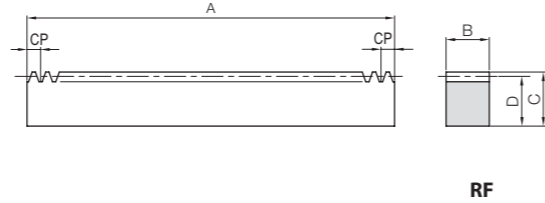
[Caution on J series] ① Cancellation is not possible for made-to-order products. See page 42 for lead times and allowable order quantities. See page 44 for other precautions.

CP 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.

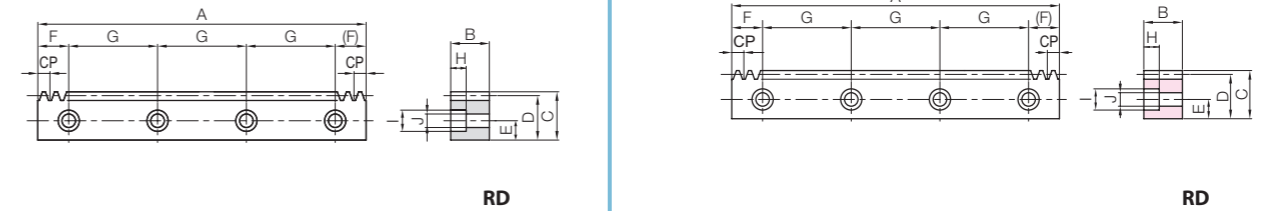


Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length	Face width	Height	Height to pitch line	Allowable force (N)		Allowable force (kgf)	
				A	B	C	D	Bending strength	Surface durability	Bending strength	Surface durability
SURCPF5-500	CP5 (1.5915)	100	RF	500	15	20	18.41	1090	263	111	26.8
SURCPF5-1000		200		1000							
SURCPF10-500	CP10 (3.1831)	50	RF	500	30	35	31.82	4370	1050	445	107
SURCPF10-1000		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	CP5 (1.5915)	100	RD	500	15	20	18.41	8	25	150	4	M5
● SURCPFD5-1000		200		1000								
● SURCPFD10-500J	CP10 (3.1831)	50	RD	500	30	35	31.82	14	25	150	4	M10
● SURCPFD10-1000		100		1000								

[Caution on Product Characteristics] ① The stainless steel material is given *solution treatment and **passivation. Passivation improves the anti-rust performance, but it is not effective on the processed surface of the product. Note that this product is not completely rustproof.

- * Solution treatment
Heat treatment by melting the carbide generated on the surface into the material when manufacturing the material
- ** Passivation
Pickled (nitric hydrofluoric acid) to make it more rust resistant



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

[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.