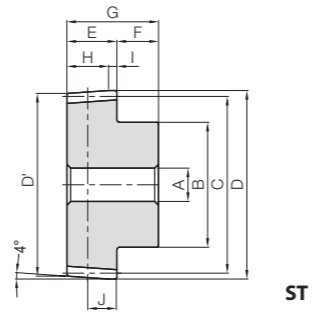


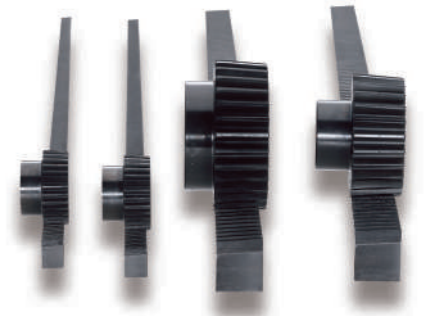
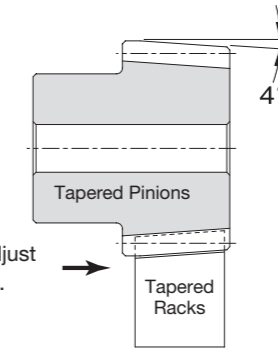


Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	SCM440
Heat treatment	Thermal refining only
Tooth hardness	225 to 352HB
Surface treatment	Black oxide coating



ST

Moving it by 1 mm will adjust the backlash by 0.05 mm.

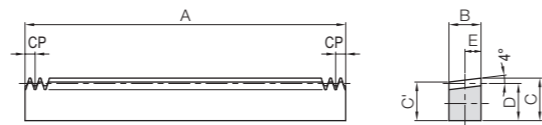


Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia. (major)	Outside dia. (minor)	Total tooth width	Hub width	Total length
				A _{H7}	B	C	D	D'	E	F	G
KTSCP5-20 KTSCP5-25 KTSCP5-30 KTSCP5-40	CP5 (1.5915)	20 25 30 40	ST	8	25	31.83	36.06	33.97	18	15	33
				10	32	39.79	44.02	41.92			
				10	38	47.75	51.98	49.88			
				12	45	63.66	67.89	65.8			
KTSCP10-20 KTSCP10-25 KTSCP10-30 KTSCP10-40	CP10 (3.1831)	20 25 30 40	ST	15	50	63.66	72.13	67.93	36	20	56
				20	60	79.58	88.04	83.85			
				20	75	95.49	103.96	99.76			
				20	80	127.32	135.79	131.59			

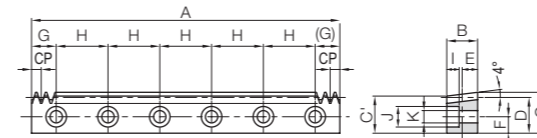
Reference face width	Adjustable width	Position of reference tooth	Distance traveled in one turn (mm)	Allowable torque (N-m)		Allowable torque (kgf-m)		Mounting distance (mm)	Backlash (mm)	Weight (kg)	Catalog Number
				Bending strength	Surface durability	Bending strength	Surface durability				
H	I	J	100	41.2	8.13	4.20	0.83	33.30	0~0.11	0.16	KTSCP5-20 KTSCP5-25 KTSCP5-30 KTSCP5-40
			125	55.6	14.0	5.67	1.43	37.28			
			150	70.3	21.9	7.16	2.23	41.26			
			200	100	43.3	10.2	4.41	49.21			
30	6	21	200	329	71.2	33.6	7.26	62.10	0~0.12	1.13	KTSCP10-20 KTSCP10-25 KTSCP10-30 KTSCP10-40
			250	445	122	45.3	12.4	70.06			
			300	562	189	57.3	19.2	78.02			
			400	801	371	81.7	37.8	93.93			



Specifications	
Precision grade	KHK R 001 grade 4
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than HB210)
Surface treatment	Black oxide coating



RF



RD

Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length	Face width	Height (major)	Height (minor)	Height to pitch line	Position of reference tooth
				A	B	C	C'	D	E
STRCPF5-1000	CP5 (1.5915)	200	RF	1000	15	19.5	18.45	17.38	7.5
STRCPF10-1000	CP10 (3.1831)	100	RF	1000	30	34.5	32.4	30.27	15

Allowable force (N)		Allowable force (kgf)		Backlash (mm)	Weight (kg)	Catalog Number
Bending strength	Surface durability	Bending strength	Surface durability			
2290	468	233	47.7	0~0.11	2.05	STRCPF5-1000
9150	1870	933	191	0~0.12	7.13	STRCPF10-1000

Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length	Face width	Height (major)	Height (minor)	Height to pitch line	Position of reference tooth	Mounting hole dimensions				
				A	B	C	C'	D	E	F	G	H	No. of holes	Screw size
STRCPFD5-1000	CP5 (1.5915)	200	RD	1000	15	19.5	18.45	17.38	7.5	8	50	180	6	M5
STRCPFD10-1000	CP10 (3.1831)	100	RD	1000	30	34.5	32.4	30.27	15	14	50	180	6	M10

Counterbore dimensions			Allowable force (N)		Allowable force (kgf)		Backlash (mm)	Weight (kg)	Catalog Number
I	J	K	Bending strength	Surface durability	Bending strength	Surface durability			
6	10	6	2290	468	233	47.7	0~0.11	2.01	STRCPFD5-1000
10.8	17.5	11	9150	1870	933	191	0~0.12	6.92	STRCPFD10-1000