



R1 Shape (Type D)

Weight (kgf)	Catalog No.
0.22	SRCP 5 -100
0.75	SRCP10 -100
1.9	SRCP15 -100
2.5	SRCP20 -100
1.1	SRCP2.5-1000
2.2	SRCP 5-1000
7.6	SRCP 10-1000

2.2	SRCPF 5-1000
7.6	SRCPF10-1000
17.7	SRCPF15-1000
25	SRCPF20-1000
3.3	SRCPF 5-1500
11.2	SRCPF10-1500
26.4	SRCPF15-1500
37.5	SRCPF20-1500
4.4	SRCPF 5-2000
15.4	SRCPF10-2000
35.9	SRCPF15-2000
51	SRCPF20-2000

Counterbore and hole dimensions				Shape	Allowable force (N) note 3		Allowable force (kgf)		Weight (kgf)	Catalog No.
H	I	J	K		Bending strength	Surface durability	Bending strength	Surface durability		
6	10	6	9	R1	2288	467.5	(233.3)	(47.67)	2.1	SRCPFD 5-1000 SRCPFD10-1000 SRCPFD15-1000 SRCPFD20-1000
11	17.5	11	19	R1	9150	1870	(933.1)	(190.7)	7.4	
16	23	16	34	R1	22880	4528	(2333)	(461.7)	17.2	
18	26	18	42	R1	36600	7479	(3732)	(762.7)	24.2	
6	10	6	9	R1	2288	467.5	(233.3)	(47.67)	3.2	SRCPFD 5-1500 SRCPFD10-1500 SRCPFD15-1500 SRCPFD20-1500
11	17.5	11	19	R1	9150	1870	(933.1)	(190.7)	11	
16	23	16	34	R1	22880	4528	(2333)	(461.7)	25.7	
18	26	18	42	R1	36600	7479	(3732)	(762.7)	36.4	
6	10	6	9	R1	2288	467.5	(233.3)	(47.67)	4.4	SRCPFD 5-2000 SRCPFD10-2000 SRCPFD15-2000 SRCPFD20-2000
11	17.5	11	19	R1	9150	1870	(933.1)	(190.7)	15.1	
16	23	16	34	R1	22880	4528	(2333)	(461.7)	34.8	
18	26	18	42	R1	36600	7479	(3732)	(762.7)	49.4	

NOTE 3: The allowable forces shown in the table are the calculated values according to the assumed usage conditions. Please see page 181 for more details.

Weight (kgf)	Catalog No.
2.2	KRCPF 5-1000
7.5	KRCPF10-1000

SRCP(F)(D) Specifications

Precision grade	KHK R 001 grade 4	Tooth hardness	Less than 95HRB
Gear teeth	Standard full depth	Surface treatment	Black oxide
Pressure angle	20°	Tooth surface finish	Cut
Material	S45C-D	Datum reference surface for gear cutting	Bottom surface
Heat treatment	Stress relief annealing	Secondary Operations	Possible

KRCPF Specifications

Precision grade	KHK R 001 grade 4	Tooth hardness	250~285HB NOTE 4
Gear teeth	Standard full depth	Surface treatment	—
Pressure angle	20°	Tooth surface finish	Cut
Material	SCM440	Datum reference surface for gear cutting	Bottom surface
Heat treatment	Thermal refining only	Secondary Operations	Possible

NOTE 4: Due to the decarburization layer of about 0.5mm thickness, the rectangular surfaces have less than HB187 hardness.