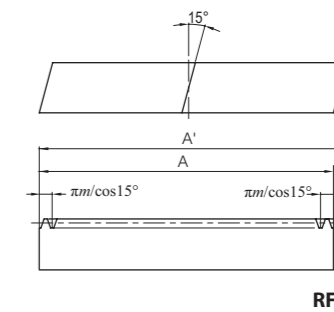
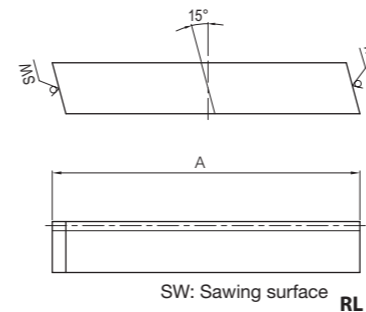
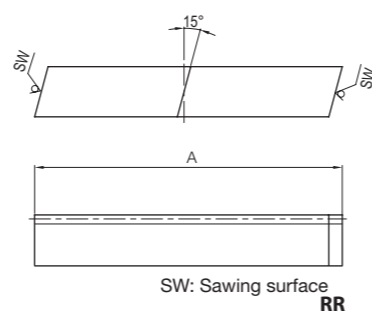




Specifications	
Precision grade	KHK R 001 grade 5
Reference section of gear	Normal plane
Gear teeth	Standard full depth
Normal pressure angle	20°
Helix angle	15°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 210HB)
Surface treatment	Black oxide coating



Catalog Number	Module	Effective number of teeth	Direction of spiral	Shape	Total Length				Face width		Height	Height to pitch line	Allowable force (N)		Allowable force (kgf)		Backlash (mm)	Weight (kg)
					A	B	C	D	Bending strength	Surface durability			Bending strength	Surface durability				
SRH2-100R SRH2-100L	m2	12	R L	RR RL	95	25	25	23	4710	1570	481	160	0.12~0.31	0.43				
SRH3-100R SRH3-100L	m3	7	R L	RR RL	95	35	35	32	9910	3520	1010	359	0.15~0.38	0.84				

Catalog Number	Module	No. of teeth	Direction of spiral	Shape	Total Length		Face width		Height	Height to pitch line	Allowable force (N)		Allowable force (kgf)	
					A	A'	B	C			Bending strength	Surface durability	Bending strength	Surface durability
SRHF2-1000R SRHF2-1000L	m2	153	R L	RFR RFL	995.24	1001.94	25	25	23	4710	1570	481	160	
SRHF3-1000R SRHF3-1000L	m3	102	R L	RFR RFL	995.24	1004.62	35	35	32	9910	3520	1010	359	

Catalog Number	Module	No. of teeth	Direction of spiral	Shape	Total Length		Face width		Height	Height to pitch line	Mounting hole dimensions					
					A	A'	B	C			D	E	F	G	No. of holes	Screw size
SRHFD2-1000R SRHFD2-1000L	m2	153	R L	RDR RDL	995.24	1001.94	25	25	23	10	47.62	180	6	M6		
SRHFD3-1000R SRHFD3-1000L	m3	102	R L	RDR RDL	995.24	1004.62	35	35	32	14	47.62	180	6	M10		

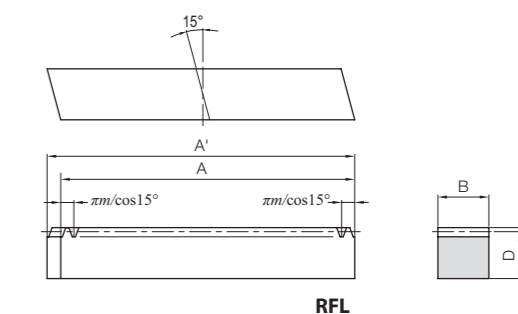
[Caution on Product Characteristics] ① For the proper helical pinions for these racks, see the Mating Gear Selection Chart on Page 192.

② These gears produce axial thrust forces. Please see Page 195 for more details.

[Caution on Secondary Operations] ① Avoid hardening racks with bolt holes, due to mounting hole deformation.

Backlash (mm)	Weight (kg)	Catalog Number
0.12~0.31	4.49	SRHF2-1000R SRHF2-1000L
0.15~0.38	8.75	SRHF3-1000R SRHF3-1000L

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			
7	11	7	4710	1570	481	160	0.12~0.31	4.43	SRHFD2-1000R SRHFD2-1000L
10.8	17.5	11	9910	3520	1010	359	0.15~0.38	8.52	SRHFD3-1000R SRHFD3-1000L



Recommended Mating Pinions



SH Helical Gears

Please see Page 204 for more details.

