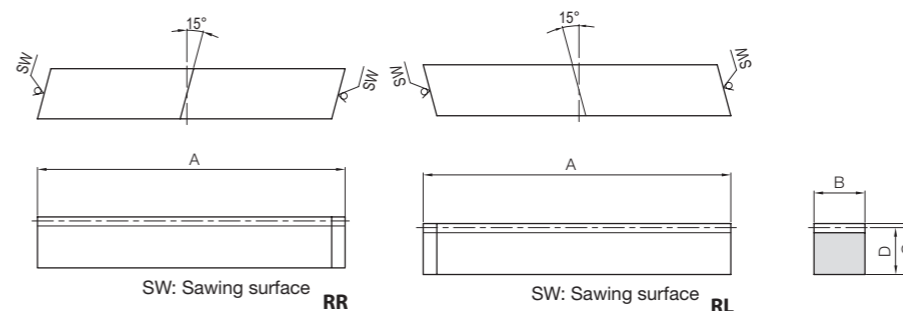
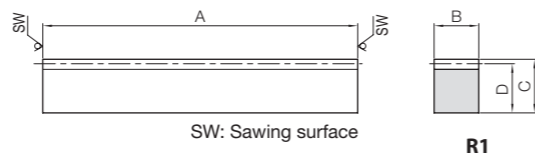
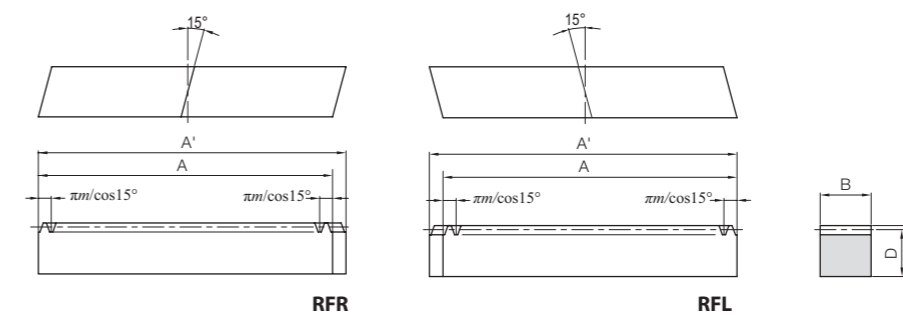




Specifications	
Precision grade	KHK R 001 grade 5
Reference section of gear	Normal plane
Gear teeth	Standard full depth
Normal pressure angle	20°
Helix angle	15°
Material	S45C
Heat treatment	—
Tooth hardness	(less than HB210)
Surface treatment	Black oxide coating



Catalog Number	Module	Effective number of teeth	Direction of spiral	Shape	Total Length		Face width	Height	Height to pitch line	Allowable force (N)				Backlash (mm)	Weight (kg)
					A	B				C	D	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	
SRH2-500R SRH2-500L		75	R L	R1	505										
SRH2-1000R SRH2-1000L		152	R L		1010										
SRH3-100R SRH3-100L	m3	7	R L	RR RL	95	35	35	32	9910	3520	1010	359	0.15~0.38	0.84	
SRH3-500R SRH3-500L		49	R L	R1	505										
SRH3-1000R SRH3-1000L		101	R L		1010										



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	D	Bending strength		Surface durability	Bending strength
SRHF2-1000R SRHF2-1000L	m2	153	R L	RFR RFL	995.24	1001.94	25	25	23	4710	1570	481	160	0.12~0.31	4.49	SRHF2-1000R SRHF2-1000L
SRHF3-1000R SRHF3-1000L	m3	102	R L	RFR RFL	995.24	1004.62	35	35	32	9910	3520	1010	359			

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

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
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	

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 202 for more details.

