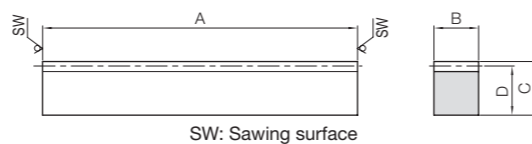


Specifications	
Precision grade	KHK R 001 grade 4
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than HB210)
Surface treatment	Black oxide coating



R1

Catalog Number	Module	Effective number of teeth	Shape	Total Length				Allowable force (N)				Backlash (mm)	Weight (kg)
				A	B	C	D	Bending strength		Surface durability			
SR0.5-100	m0.5	62	R1	101	5	12	11.5	240	39.6	24.4	4.04	0.00~0.13	0.046
SR0.8-100	m0.8	38		101	8	12.3	11.5	613	108	62.5	11.0	0.00~0.14	0.073
SR1-100	m1	29		98	10	12	11	958	177	97.7	18.0	0.04~0.21	0.085
SR1-300		303		0.26									
SR1-500		505		0.44									
SR1.5-100	m1.5	20		101	15	20	18.5	2160	421	220	42.9	0.09~0.25	0.22
SR1.5-300		303		0.66									
SR1.5-500		505		1.10									
SR2-100	m2	14		98	20	25	23	3830	775	391	79.0	0.11~0.28	0.35
SR2-300		303		1.09									
SR2-500		505		1.82									
SR2.5-100	m2.5	11		100	25	30	27.5	5990	1240	611	127	0.13~0.31	0.54
SR2.5-300		303		1.64									
SR2.5-500		505		2.73									
SR3-100	m3	9		101	30	35	32	8620	1820	879	186	0.14~0.35	0.76
SR3-300		303		2.28									
SR3-500		505		3.81									
SR4-100	m4	6		98	40	45	41	15300	3330	1560	339	0.18~0.42	1.26
SR4-500		505		6.50									
SR5-110	m5	5		108	50	50	45	24000	5300	2440	540	0.20~0.47	1.91
SR5-500		505	8.92										
SR6-110	m6	4	111	60	60	54	34500	7740	3520	789	0.22~0.54	2.82	
SR6-500		505	12.8										
SR8-130	m8	3	123	75	75	67	44200	10400	4510	1060	0.28~0.63	4.85	
SR10-160	m10	3	155	90	80	70	66300	16100	6770	1640	0.33~0.70	7.67	

**Recommended Mating Pinions**

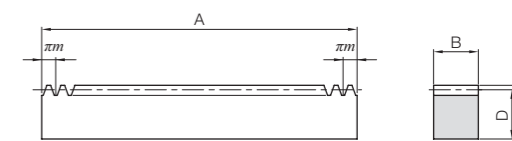


SS Spur Gears

Please see Page 104 for more details.



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

Catalog Number	Module	No. of teeth	Shape	Total Length				Allowable force (N)				Backlash (mm)	Weight (kg)
				A	B	C	D	Bending strength		Surface durability			
SRF0.5-300	m0.5	191	RF	300.02	5	12	11.5	240	39.6	24.4	4.04	0.00~0.13	0.14
SRF0.8-300	m0.8	119		299.08	8	12.3	11.5	613	108	62.5	11.0	0.00~0.14	0.22
SRF1-300	m1	96		301.59	10	12	11	958	177	97.7	18.0	0.04~0.21	0.26
SRF1-500		159		0.43									
SRF1-1000		318		0.86									
SRF1.5-300	m1.5	64		301.59	15	20	18.5	2160	421	220	42.9	0.09~0.25	0.66
SRF1.5-500		106		1.09									
SRF1.5-1000		212		2.18									
SRF1.5-1500		320		3.28									
SRF1.5-2000	435	4.47											
SRF2-300	m2	48		301.59	20	25	23	3830	775	391	79.0	0.11~0.28	1.09
SRF2-500		80		1.82									
SRF2-1000		160		3.63									
SRF2-1500		240		5.45									
SRF2-2000	326	7.40											
SRF2.5-300	m2.5	38		298.45	25	30	27.5	5990	1240	611	127	0.13~0.31	1.61
SRF2.5-500		64		2.71									
SRF2.5-1000		128		5.43									
SRF2.5-1500		192		8.14									
SRF2.5-2000	261	11.1											
SRF3-300	m3	32	301.59	30	35	32	8620	1820	879	186	0.14~0.35	2.27	
SRF3-500		53	3.76										
SRF3-1000		106	7.53										
SRF3-1500		160	11.4										
SRF3-2000		217	15.4										
SRF4-500	m4	40	502.65	40	45	41	15300	3330	1560	339	0.18~0.42	6.47	
SRF4-1000		80	12.9										
SRF4-1500		120	19.4										
SRF4-2000		163	26.4										
SRF5-500	m5	32	502.65	50	50	45	24000	5300	2440	540	0.20~0.47	8.88	
SRF5-1000		64	17.8										
SRF5-1500		96	26.6										
SRF5-2000		130	36.1										
SRF6-500	m6	26	490.09	60	60	54	34500	7740	3520	789	0.22~0.54	12.5	
SRF6-1000		53	25.4										
SRF6-1500		80	38.4										
SRF6-2000		108	51.8										
SRF8-500	m8	20	502.66	75	75	67	44200	10400	4510	1060	0.28~0.63	19.8	
SRF8-1000		40	39.7										
SRF10-1000	m10	32	1005.31	90	80	70	66300	16100	6770	1640	0.33~0.70	49.7	