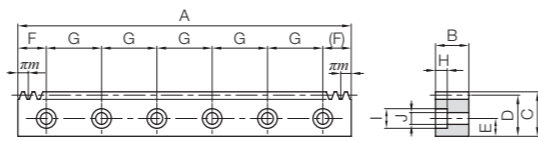




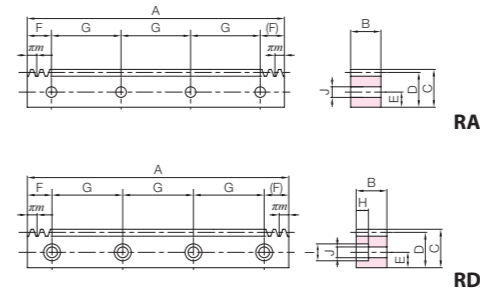
Specifications	
Precision grade	KHK R 001 Grade 4 *
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than HB210)
Surface treatment	Black oxide coating

\* The precision grade of J Series products is equivalent to the value shown in the table.



RD

J Series



Catalog Number ● : J Series (Available-on-request)	Module	No. of teeth	Shape	Total Length			Height to pitch line	Mounting hole dimensions				
				A	B	C		D	E	F	G	No. of holes
●SRFK0.5-300J	m0.5	191	RA	300.02	5	12	11.5	5.5	15.01	90	4	M3
●SRFK0.8-300J	m0.8	119		299.08	8	12.3	11.5	5.5	14.54	90	4	M4
●SRFK1-300J	m1	96		301.59	10	12	11	5	20.80	130	3	M4
●SRFK1-500J		159		499.51					24.76	150	4	
●SRFD1.5-300J ●SRFD1.5-500J SRFD1.5-1000 SRFD1.5-1500 SRFD1.5-2000	m1.5	64	RD	301.59	15	20	18.5	8	20.80	130	3	M5
106		499.51		24.76					150	4		
212		999.03		49.51					180	6		
320		1507.96		33.98					180	9		
435		2049.88		34.94					180	12		
●SRFD2-300J ●SRFD2-500J SRFD2-1000 SRFD2-1500 SRFD2-2000	m2	48	301.59	20	25	23	10	10	20.80	130	3	M6
80		502.65	26.33						150	4		
160		1005.31	52.65						180	6		
240		1507.96	33.98						180	9		
326		2048.31	34.15						180	12		
●SRFD2.5-300J ●SRFD2.5-500J SRFD2.5-1000 SRFD2.5-1500 SRFD2.5-2000	m2.5	38	298.45	25	30	27.5	12	12	19.23	130	3	M8
64		502.65	26.33						150	4		
128		1005.31	52.65						180	6		
192		1507.96	33.98						180	9		
261		2049.88	34.94						180	12		
●SRFD3-300J ●SRFD3-500J SRFD3-1000 SRFD3-1500 SRFD3-2000	m3	32	301.59	30	35	32	14	14	20.80	130	3	M10
53		499.51	24.76						150	4		
106		999.03	49.51						180	6		
160		1507.96	33.98						180	9		
217		2045.17	32.58						180	12		
●SRFD4-500J SRFD4-1000 SRFD4-1500 SRFD4-2000	m4	40	502.65	40	45	41	18	18	26.33	150	4	M12
80		1005.31	52.65						180	6		
120		1507.96	33.98						180	9		
163		2048.31	34.15						180	12		
●SRFD5-500J SRFD5-1000 SRFD5-1500 SRFD5-2000	m5	32	502.65	50	50	45	20	20	31.33	220	3	M14
64		1005.31	62.65						220	5		
96		1507.96	93.98						220	7		
130		2042.04	31.02						220	10		
●SRFD6-500J SRFD6-1000 SRFD6-1500 SRFD6-2000	m6	26	490.09	60	60	54	23	23	25.04	220	3	M16
53		999.03	59.51						220	5		
80		1507.96	93.98						220	7		
108		2035.75	27.88						220	10		

Counterbore dimensions			Allowable force (N)		Allowable force (kgf)		Backlash (mm)	Weight (kg)	Catalog Number ● : J Series (Available-on-request)
H	I	J	Bending strength	Surface durability	Bending strength	Surface durability			
—	—	3.4	240	39.6	24.4	4.04	0.00~0.13	0.13	●SRFK0.5-300J
—	—	4.5	613	108	62.5	11.0	0.00~0.14	0.21	●SRFK0.8-300J
—	—	4.5	958	177	97.7	18.0	0.04~0.21	0.26	●SRFK1-300J
—	—	—	—	—	—	—	—	0.43	●SRFK1-500J
6	10	6	2160	421	220	42.9	0.09~0.25	0.64	●SRFD1.5-300J
—	—	—	—	—	—	—	—	1.07	●SRFD1.5-500J
—	—	—	—	—	—	—	—	2.14	SRFD1.5-1000
—	—	—	—	—	—	—	—	3.23	SRFD1.5-1500
—	—	—	—	—	—	—	—	4.40	SRFD1.5-2000
7	11	7	3830	775	391	79.0	0.11~0.28	1.06	●SRFD2-300J
—	—	—	—	—	—	—	—	1.78	●SRFD2-500J
—	—	—	—	—	—	—	—	3.58	SRFD2-1000
—	—	—	—	—	—	—	—	5.36	SRFD2-1500
—	—	—	—	—	—	—	—	7.29	SRFD2-2000
8.6	14	9	5990	1240	611	127	0.13~0.31	1.55	●SRFD2.5-300J
—	—	—	—	—	—	—	—	2.64	●SRFD2.5-500J
—	—	—	—	—	—	—	—	5.31	SRFD2.5-1000
—	—	—	—	—	—	—	—	7.97	SRFD2.5-1500
—	—	—	—	—	—	—	—	10.8	SRFD2.5-2000
10.8	17.5	11	8620	1820	879	186	0.14~0.35	2.17	●SRFD3-300J
—	—	—	—	—	—	—	—	3.63	●SRFD3-500J
—	—	—	—	—	—	—	—	7.32	SRFD3-1000
—	—	—	—	—	—	—	—	11.1	SRFD3-1500
—	—	—	—	—	—	—	—	15.0	SRFD3-2000
13	20	14	15300	3330	1560	339	0.18~0.42	6.21	●SRFD4-500J
—	—	—	—	—	—	—	—	12.6	SRFD4-1000
—	—	—	—	—	—	—	—	18.8	SRFD4-1500
—	—	—	—	—	—	—	—	25.6	SRFD4-2000
15.2	23	16	24000	5300	2440	540	0.20~0.47	8.56	●SRFD5-500J
—	—	—	—	—	—	—	—	17.2	SRFD5-1000
—	—	—	—	—	—	—	—	25.9	SRFD5-1500
—	—	—	—	—	—	—	—	35.0	SRFD5-2000
17.5	26	18	34500	7740	3520	789	0.22~0.54	12.0	●SRFD6-500J
—	—	—	—	—	—	—	—	24.6	SRFD6-1000
—	—	—	—	—	—	—	—	37.2	SRFD6-1500
—	—	—	—	—	—	—	—	50.2	SRFD6-2000

## Recommended Mating Pinions



SS Spur Gears

Please see Page 104 for more details.