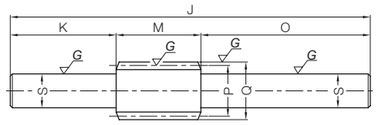
KWG Module 0.5, 0.8
Ground Worm Shafts

Specifications	
Precision grade	KHK W 001 grade 2
Reference section of gear	Axial direction
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	SCM440
Heat treatment	Thermal refined, gear teeth induction hardened
Tooth hardness	50 to 60HRC



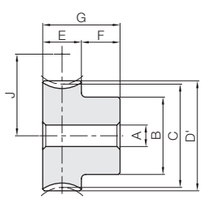
W5

Catalog Number	Axial module	Number of Starts	Nominal lead angle	Direction of helix	Shape	Total Length J	Shaft length (L) K	Neck length (left) L	Face width M	Neck length (right) N	Shaft length (R) O	Pitch dia. P
KWG0.5-R1 **KWG0.5-R2**	***m*0.5**	1 2	3°11′ 6°20′	R	W5	65	19	—	12	—	34	9
KWG0.8-R1 **KWG0.8-R2**	***m*0.8**	1 2	3°49′ 7°36′	R	W5	85	25	—	20	—	40	12

Outside dia. Q	Neck dia. R	Shaft dia. S_{h7}	Weight (kg)	Catalog Number
10	—	6	0.018	**KWG0.5-R1** **KWG0.5-R2**
13.6	—	8	0.043	**KWG0.8-R1** **KWG0.8-R2**

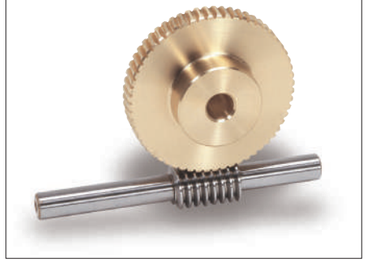
AG Module 0.5, 0.8
Worm Wheels

Specifications	
Precision grade	KHK W 002 grade 2
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	CAC702 (old JIS A ℓ BC2)
Heat Treatment	—
Tooth hardness	—



HA

Catalog Number	Reduction ratio	Transverse module	No. of teeth	No. of starts of mating worm	Lead angle	Direction of helix	Shape	Bore A_{H7}	Hub dia. B	Pitch dia. C	Throat dia. D	Outside dia. D'	Face width E	Hub width F
AG0.5-20R1	20	***m*0.5**	20	1	3°11′	R	HA	4	9	10	—	11	5	7
AG0.5-20R2	10		20	2	6°20′			4	9	10		11		
AG0.5-30R1	30		30	1	3°11′			4	12	15		16		
AG0.5-30R2	15		30	2	6°20′			4	12	15		16		
AG0.5-40R1	40		40	1	3°11′			5	15	20		21		
AG0.5-50R1	50		50	1	3°11′			5	20	25		26		
AG0.5-60R1	60		60	1	3°11′			5	25	30		31		
AG0.8-20R1	20	***m*0.8**	20	1	3°49′	R	HA	5	12	16	—	17.6	8	8
AG0.8-20R2	10		20	2	7°36′			5	12	16		17.6		
AG0.8-30R1	30		30	1	3°49′			5	18	24		25.6		
AG0.8-30R2	15		30	2	7°36′			5	18	24		25.6		
AG0.8-40R1	40		40	1	3°49′			6	20	32		33.6		
AG0.8-50R1	50		50	1	3°49′			8	25	40		41.6		
AG0.8-60R1	60		60	1	3°49′			8	25	48		49.6		



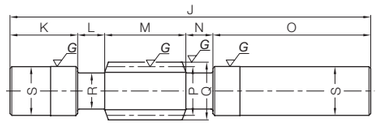
NOTE 1: Allowable torque based on worm speed (rpm)

Total length G	Web thickness (H)	Web O.D. (I)	Mounting distance J	Allowable torque (N·m) NOTE 1 30 rpm	100 rpm	300 rpm	600 rpm	900 rpm	1200 rpm	1800 rpm	Backlash (mm)	Weight (kg)	Catalog Number
12	—	—	9.5	0.52	0.44	0.36	0.30	0.26	0.24	0.21	0.02~0.12	0.0056	**AG0.5-20R1**
			9.5	0.51	0.42	0.33	0.27	0.24	0.22	0.19		0.0056	**AG0.5-20R2**
			12	1.09	0.94	0.77	0.65	0.58	0.53	0.48		0.012	**AG0.5-30R1**
			12	1.09	0.92	0.73	0.60	0.54	0.49	0.43		0.012	**AG0.5-30R2**
			14.5	1.86	1.60	1.34	1.15	1.02	0.94	0.84		0.020	**AG0.5-40R1**
			17	2.82	2.42	2.05	1.77	1.58	1.46	1.30		0.035	**AG0.5-50R1**
			19.5	3.94	3.41	2.89	2.50	2.26	2.08	1.87		0.053	**AG0.5-60R1**
16	—	—	14	1.78	1.50	1.21	1.00	0.88	0.82	0.71	0.02~0.12	0.018	**AG0.8-20R1**
			14	1.76	1.44	1.11	0.91	0.80	0.74	0.63		0.018	**AG0.8-20R2**
			18	3.77	3.21	2.62	2.20	1.96	1.81	1.61		0.043	**AG0.8-30R1**
			18	3.75	3.14	2.46	2.02	1.80	1.65	1.45		0.043	**AG0.8-30R2**
			22	6.45	5.49	4.55	3.87	3.46	3.19	2.83		0.068	**AG0.8-40R1**
			26	9.75	8.31	6.94	5.94	5.34	4.96	4.38		0.10	**AG0.8-50R1**
			30	13.6	11.7	9.77	8.39	7.63	7.05	6.27		0.14	**AG0.8-60R1**

Product Precautions → Page 398

KWG Module 1, 1.5
Ground Worm Shafts

Specifications	
Precision grade	KHK W 001 grade 2
Reference section of gear	Axial direction
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	SCM440
Heat treatment	Thermal refined, gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for ground part



W6

Catalog Number	Axial module	Number of Starts	Nominal lead angle	Direction of helix	Shape	Total Length J	Shaft length (L) K	Neck length (left) L	Face width M	Neck length (right) N	Shaft length (R) O	Pitch dia. P
KWG1-R1 **KWG1-R2**	***m*1**	1 2	3°35′ 7°08′	R	W6	140	35	10	30	10	55	16
KWG1.5-R1 **KWG1.5-R2**	***m*1.5**	1 2	3°26′ 6°51′	R	W6	190	50	15	40	15	70	25

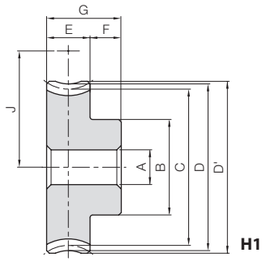
Outside dia. Q	Neck dia. R	Shaft dia. S	Weight (kg)	Catalog Number
18	13	18.2	0.25	**KWG1-R1** **KWG1-R2**
28	21	26.2	0.74	**KWG1.5-R1** **KWG1.5-R2**

AG Module 1, 1.5
Worm Wheels

Specifications	
Precision grade	KHK W 002 grade 2
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	CAC702 (old JIS AℓBC2)
Heat Treatment	—
Tooth hardness	—

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

A_{H7}	Bore
B	Hub dia.
C	Pitch dia.
D	Throat dia.
D'	Outside dia.
E	Face width
F	Hub width
G	Total length
J	Mounting distance

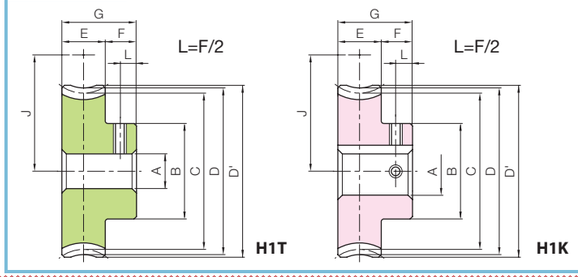


H1

NOTE 1: Allowable torque based on worm speed (rpm)

Catalog Number	Reduction ratio	No. of teeth	No. of starts of mating worm	Lead angle helix direction	Shape	A_{H7}	B	C	D	D'	E	F	G	J	Allowable torque (N·m) NOTE 1 30 rpm	100 rpm	300 rpm	600 rpm	900 rpm	1200 rpm	1800 rpm	Backlash (mm)	Weight (kg)
AG1-20R1	20	20	1	3°35′		6	16	20	22	23				18	3.35	2.79	2.23	1.83	1.63	1.50	1.30		0.038
AG1-20R2	10	20	2	7°08′		6	16	20	22	23				18	3.31	2.69	2.06	1.68	1.48	1.35	1.15		0.038
AG1-30R1	30	30	1	3°35′		6	20	30	32	33				23	7.08	5.98	4.84	4.05	3.63	3.31	2.92		0.078
AG1-30R2	15	30	2	7°08′	R	6	20	30	32	33	10	10	20	23	7.03	5.84	4.56	3.72	3.33	3.03	2.63	0.04~0.14	0.078
AG1-40R1	40	40	1	3°35′	H1	8	26	40	42	43				28	12.1	10.2	8.43	7.12	6.38	5.86	5.13		0.13
AG1-50R1	50	50	1	3°35′		8	30	50	52	53				33	18.3	15.5	12.9	10.9	9.87	9.09	7.95		0.20
AG1-60R1	60	60	1	3°35′		10	35	60	62	63				38	25.6	21.8	18.1	15.4	14.1	12.9	11.4		0.29
AG1.5-20R1	20	20	1	3°26′		8	22	30	33	34.5				27.5	9.84	8.18	6.40	5.30	4.68	4.25	3.68		0.10
AG1.5-20R2	10	20	2	6°51′		8	22	30	33	34.5				27.5	9.72	7.87	5.92	4.87	4.25	3.83	3.27		0.10
AG1.5-30R1	30	30	1	3°26′		10	30	45	48	49.5				35	20.8	17.5	13.9	11.7	10.4	9.40	8.28		0.22
AG1.5-30R2	15	30	2	6°51′	R	10	30	45	48	49.5	14	10	24	35	20.7	17.1	13.1	10.8	9.56	8.58	7.46	0.04~0.14	0.22
AG1.5-40R1	40	40	1	3°26′	H1	12	35	60	63	64.5				42.5	35.6	30.0	24.2	20.6	18.3	16.6	14.6		0.37
AG1.5-50R1	50	50	1	3°26′		12	45	75	78	79.5				50	53.8	45.4	36.9	31.6	28.3	25.8	22.6		0.59
AG1.5-60R1	60	60	1	3°26′		12	50	90	93	94.5				57.5	75.3	63.8	51.9	44.7	40.4	36.7	32.4		0.83

J Series



H1T H1K

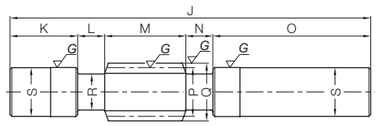
To order J Series products, please specify: Catalog No. + J + BORE.

Bore H7	* The product shapes of J Series items are identified by background color.														
Keyway Js9	6	8	10	12	14	15	16	17	18	19	20	22	25	28	30
Screw size	—		4×1.8		5×2.3				6×2.8				8×3.3		
Catalog Number	M4	M5	M4						M5				M6		
AG1-20R1 J BORE	**H1T**														
AG1-20R2 J BORE	**H1T**														
AG1-30R1 J BORE	**H1T**	**H1T**													
AG1-30R2 J BORE	**H1T**	**H1T**													
AG1-40R1 J BORE		**H1T**	**H1K**	**H1K**											
AG1-50R1 J BORE		**H1T**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**							
AG1-60R1 J BORE			**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**					
AG1.5-20R1 J BORE		**H1T**	**H1K**												
AG1.5-20R2 J BORE		**H1T**	**H1K**												
AG1.5-30R1 J BORE			**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**							
AG1.5-30R2 J BORE			**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**							
AG1.5-40R1 J BORE				**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**					
AG1.5-50R1 J BORE				**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**		
AG1.5-60R1 J BORE				**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**	**H1K**

Product Precautions → Page 398
Precautions for Standard Machined Products → Pages 38~40

KWG Module 2, 2.5
Ground Worm Shafts

Specifications	
Precision grade	KHK W 001 grade 2
Reference section of gear	Axial direction
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	SCM440
Heat treatment	Thermal refined, gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for ground part



W6

* For products not categorized in our KHK Stock Gear series, custom gear production services with short lead times are available.
Please see Page 26 for more details about custom-made orders.

Catalog Number	Axial module	Number of Starts	Nominal lead angle	Direction of helix	Shape	Total Length	Shaft length (L)	Neck length (left)	Face width	Neck length (right)	Shaft length (R)	Pitch dia.
						J	K	L	M	N	O	P
KWG2-R1 **KWG2-R2**	***m*2**	1 2	5°12′ 10°18′	R	W6	200	35	25	40	25	75	22
KWG2.5-R1 **KWG2.5-R2**	***m*2.5**	1 2	4°46′ 9°28′	R	W6	250	50	27	46	27	100	30

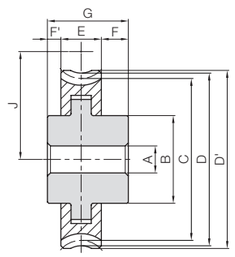
Outside dia.	Neck dia.	Shaft dia.	Weight	Catalog Number
Q	R	S	(kg)	
26	17	25.2	0.64	**KWG2-R1** **KWG2-R2**
35	23	30.2	1.27	**KWG2.5-R1** **KWG2.5-R2**

AGF Module 2, 2.5
Worm Wheels

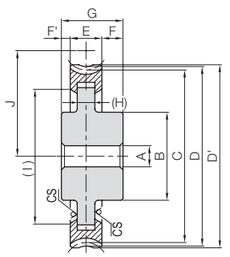
Specifications	
Precision grade	KHK W 002 grade 2
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	CAC702 (old JIS A ℓ BC2) *
Heat treatment	—
Tooth hardness	—

* The hub material of H8 and H9 is FC200.
FC200's tensile strength (200N/mm²) is derived from test specimens and does not represent that of the boss.

H6



H8



H9

* CS has a forged finish surface.

Catalog Number	Reduction ratio	Transverse module	No. of teeth	No. of starts of mating worm	Profile shift coefficient	Lead angle	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Throat dia.	Outside dia.	Face width	Hub width (right)	Hub width (left)
									A_{H7}	B	C	D	D'	E	F	F'
AGF2-20R1	20		20	1		5°12′				32	40	42	44			
AGF2-20R2	10		20	2		10°18′				32	40	42	44			
AGF2-25R1	25		25	1	-0.5	5°12′		H6		35	50	52	54			
AGF2-30R1	30		30	1		5°12′				38	60	62	64			
AGF2-30R2	15	***m*2**	30	2		10°18′	R		12	38	60	62	64	18	12	5
AGF2-36R1	36		36		0			H6		40	72	76	78			
AGF2-40R1	40		40	1	-0.5	5°12′		H8		45	80	82	84			
AGF2-50R1	50		50		-0.5			H9		50	100	102	104			
AGF2-60R1	60		60		-0.5			H9		50	120	122	124			
AGF2.5-20R1	20		20	1		4°46′				35	50	55	57.5			
AGF2.5-20R2	10		20	2		9°28′				35	50	55	57.5			
AGF2.5-25R1	25		25	1		4°46′		H6		40	62.5	67.5	70			
AGF2.5-30R1	30		30	1		4°46′				40	75	80	82.5			
AGF2.5-30R2	15	***m*2.5**	30	2	0	9°28′	R		12	40	75	80	82.5	20	15	5
AGF2.5-40R1	40		40					H8		45	100	105	107.5			
AGF2.5-50R1	50		50	1		4°46′		H9		55	125	130	132.5			
AGF2.5-60R1	60		60					H9		60	150	155	157.5			

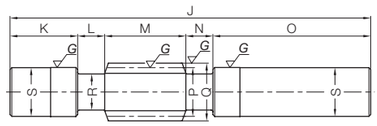
Total length	Web thickness	Web O.D.	Mounting distance	Allowable torque (N·m) NOTE 1							Backlash	Weight	Catalog Number
G	(H)	(l)	J	30 rpm	100 rpm	300 rpm	600 rpm	900 rpm	1200 rpm	1800 rpm	(mm)	(kg)	
35	—	—	30	19.4	16.1	12.8	10.5	9.30	8.49	7.31	0.06~0.16	0.25	**AGF2-20R1**
			30	19.9	16.1	12.2	9.99	8.75	7.92	6.74		0.25	**AGF2-20R2**
			35	29.4	24.5	19.6	16.3	14.4	13.2	11.4		0.37	**AGF2-25R1**
			40	41.1	34.5	27.7	23.2	20.7	18.8	16.4		0.51	**AGF2-30R1**
			40	42.3	35.0	27.0	22.1	19.9	17.7	15.4		0.51	**AGF2-30R2**
	—	—	47	57.8	48.6	39.3	33.2	29.6	27.0	23.6		0.73	**AGF2-36R1**
	—	—	50	70.3	59.2	48.1	40.7	36.4	33.2	28.9		0.85	**AGF2-40R1**
	(12)	(81)	60	106	89.5	73.4	62.5	56.2	51.5	44.9		1.14	**AGF2-50R1**
	(12)	(96)	70	149	126	103	88.4	80.3	73.3	64.2		1.51	**AGF2-60R1**
40	—	—	40	35.1	29.0	22.6	18.6	16.3	14.8	12.8	0.06~0.16	0.44	**AGF2.5-20R1**
			40	34.6	27.9	20.9	17.1	14.8	13.4	11.3		0.44	**AGF2.5-20R2**
			46.25	53.0	43.9	34.8	28.9	25.3	23.0	20.0		0.66	**AGF2.5-25R1**
			52.5	74.1	62.0	49.1	41.2	36.7	32.8	28.7		0.87	**AGF2.5-30R1**
			52.5	73.6	60.6	46.2	37.8	33.2	29.9	25.8		0.87	**AGF2.5-30R2**
	—	—	65	127	106	85.4	72.4	63.7	57.9	50.5		1.42	**AGF2.5-40R1**
	(13)	(100)	77.5	192	161	130	111	98.4	90.0	78.3		1.92	**AGF2.5-50R1**
	(13)	(125)	90	268	226	183	157	141	128	112		2.59	**AGF2.5-60R1**

NOTE 1: Allowable torque based on worm speed (rpm)

Product Precautions → Page 398

KWG Module 3, 4
Ground Worm Shafts

Specifications	
Precision grade	KHK W 001 grade 2
Reference section of gear	Axial direction
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	SCM440
Heat treatment	Thermal refined, gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for ground part



W6

* For products not categorized in our KHK Stock Gear series, custom gear production services with short lead times are available.
Please see Page 26 for more details about custom-made orders.

Catalog Number	Axial module	Number of Starts	Nominal lead angle	Direction of helix	Shape	Total Length	Shaft length (L)	Neck length (left)	Face width	Neck length (right)	Shaft length (R)	Pitch dia.
						J	K	L	M	N	O	P
KWG3-R1 **KWG3-R2**	***m*3**	1 2	4°31′ 8°58′	R	W6	300	55	30	60	30	125	38
KWG4-R1 **KWG4-R2**	***m*4**	1 2	5°43′ 11°19′	R	W6	360	70	32.5	75	32.5	150	40

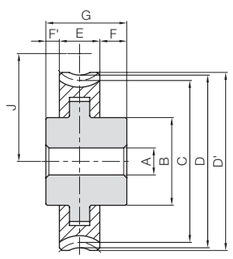
Outside dia.	Neck dia.	Shaft dia.	Weight	Catalog Number
Q	R	S	(kg)	
44	30	40.2	2.66	**KWG3-R1** **KWG3-R2**
48	29	45.2	3.85	**KWG4-R1** **KWG4-R2**

AGF Module 3, 4
Worm Wheels

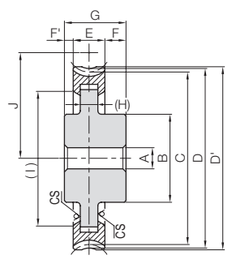
Specifications	
Precision grade	KHK W 002 grade 2
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	CAC702 (old JIS A ℓ BC2) *
Heat treatment	—
Tooth hardness	—

* The hub material of H8 and H9 is FC200.
FC200's tensile strength (200N/mm²) is derived from test specimens and does not represent that of the boss.

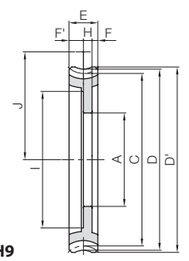
H6



H8



H9



H0

* CS has a forged finish surface.

NOTE 1: Allowable torque based on worm speed (rpm)

Catalog Number	Reduction ratio	Transverse module	No. of teeth	No. of starts of mating worm	Profile shift coefficient	Lead angle	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Throat dia.	Outside dia.	Face width	Hub width (right)	Hub width (left)
									A_{H7}	B	C	D	D'	E	F	F'
AGF3-20R1	20	***m*3**	20	1	+0.333	4°31′	R	H6	20	50	60	68	71	25	17.5	7.5
AGF3-20R2	10		20	2	+0.333	8°58′		H6		50	60	68	71			
AGF3-25R1	25		25	1	0	4°31′		H6		55	75	81	84			
AGF3-30R1	30		30	1	+0.333	4°31′		H8		55	90	98	101			
AGF3-30R2	15		30	2	+0.333	8°58′		H8		55	90	98	101			
AGF3-40R1	40		40	1	+0.333	4°31′		H8		65	120	128	131			
AGF3-50R1	50		50					H9		75	150	158	161			
AGF3-60R1	60		60					H9		80	180	188	191			
AGF4-20R1	20	***m*4**	20	1	0	5°43′	R	H6	20	60	80	88	92	30	20	10
AGF4-20R2	10		20	2		11°19′		H6		60	80	88	92			
AGF4-25R1	25		25	1		5°43′		H6		65	100	108	112			
AGF4-30R1	30		30	1		5°43′		H8		65	120	128	132			
AGF4-30R2	15		30	2		11°19′		H8		65	120	128	132			
AGF4-40R1	40		40	1		5°43′		H9	20	80	160	168	172		20	10
AGF4-50R1	50		50					H9	20	90	200	208	212		20	10
AGF4-60R1	60		60					H0	160	—	240	248	252		7	15

Total length	Web thickness	Web O.D.	Mounting distance	Allowable torque (N·m) NOTE 1							Backlash	Weight	Catalog Number
G	(H)	(I)	J	30 rpm	100 rpm	300 rpm	600 rpm	900 rpm	1200 rpm	1800 rpm	(mm)	(kg)	
50	—	—	50	59.7	49.1	38.3	31.5	27.5	25.1	21.5	0.06~0.16	0.88	**AGF3-20R1**
			50	60.2	48.2	36.1	29.5	25.4	23.0	19.4		0.88	**AGF3-20R2**
			56.5	90.2	74.3	58.8	48.9	42.6	39.0	33.5		1.24	**AGF3-25R1**
			65	126	105	83.1	69.6	61.0	55.4	48.2		1.63	**AGF3-30R1**
			65	128	105	79.8	65.2	57.2	51.6	44.3		1.63	**AGF3-30R2**
	—	—	80	216	180	145	122	108	98.0	84.9		2.76	**AGF3-40R1**
	(15)	(125)	95	326	272	220	188	166	152	132		3.62	**AGF3-50R1**
	(15)	(155)	110	457	383	310	265	237	217	188		4.76	**AGF3-60R1**
60	—	—	60	123	101	78.8	64.6	56.3	51.5	43.8	0.06~0.16	1.77	**AGF4-20R1**
			60	127	101	76.0	61.9	53.2	48.3	40.5		1.77	**AGF4-20R2**
			70	186	153	121	100	87.3	79.9	68.5		2.56	**AGF4-25R1**
			80	260	216	171	143	125	114	98.4		3.28	**AGF4-30R1**
			80	270	220	168	137	120	108	92.2		3.28	**AGF4-30R2**
60	(20)	(128)	100	445	370	297	251	220	201	173		5.25	**AGF4-40R1**
60	(20)	(168)	120	673	560	454	385	340	312	269		7.35	**AGF4-50R1**
30	8	204	140	941	788	638	544	486	444	385		3.60	**AGF4-60R1**

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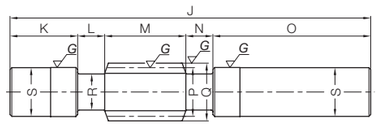
KWG Module 5, 6
Ground Worm Shafts

Specifications	
Precision grade	KHK W 001 grade 2
Reference section of gear	Axial direction
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	SCM440
Heat treatment	Thermal refined, gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coated except for ground part



W6

* For products not categorized in our KHK Stock Gear series, custom gear production services with short lead times are available.
Please see Page 26 for more details about custom-made orders.

Catalog Number	Axial module	Number of Starts	Nominal lead angle	Direction of helix	Shape	Total Length	Shaft length (L)	Neck length (left)	Face width	Neck length (right)	Shaft length (R)	Pitch dia.
						J	K	L	M	N	O	P
KWG5-R1	***m5***	1	5°43′	R	W6	400	75	30	90	30	175	50
KWG6-R1	***m6***	1	5°43′	R	W6	400	60	40	100	40	160	60

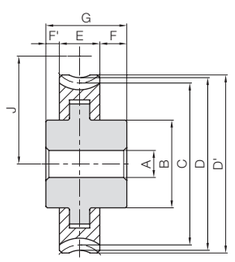
Outside dia.	Neck dia.	Shaft dia.	Weight	Catalog Number
Q	R	S	(kg)	
60	36	50.2	5.75	**KWG5-R1**
72	44	60.2	8.09	**KWG6-R1**

AGF Module 5, 6
Worm Wheels

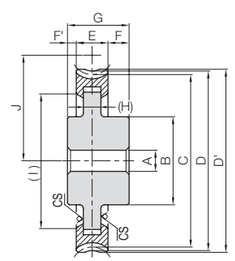
Specifications	
Precision grade	KHK W 002 grade 2
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Normal pressure angle	20°
Material	CAC702 (old JIS AℓBC2) *
Heat treatment	—
Tooth hardness	—

* The hub material of H8 and H9 is FC200.
FC200's tensile strength (200N/mm²) is derived from test specimens and does not represent that of the boss.

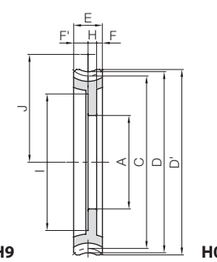
H6



H8



H9



H0

* CS has a forged finish surface.

Catalog Number	Reduction ratio	Transverse module	No. of teeth	No. of starts of mating worm	Profile shift coefficient	Lead angle	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Throat dia.	Outside dia.	Face width	Hub width (right)	Hub width (left)
									A_{H7}	B	C	D	D'	E	F	F'
AGF5-20R1	20	***m5***	20	1	0	5°43'	R	H6	22	75	100	110	115	35	23	12
AGF5-30R1	30		30					H8		75	150	160	165			
AGF5-40R1	40		40					H9		110	200	210	215			
AGF5-50R1	50		50					H0	150	—	250	260	265		7.5	17.5
AGF5-60R1	60		60						200		300	310	315			
AGF6-20R1	20	***m6***	20	1	0	5°43'	R	H6	25	85	120	132	138	40	23	12
AGF6-30R1	30		30					H8		100	180	192	198			
AGF6-40R1	40		40					H0	130	—	240	252	258		8	20
AGF6-50R1	50		50						190		300	312	318			
AGF6-60R1	60		60						250		360	372	378			

Total length	Web thickness	Web O.D.	Mounting distance	Allowable torque (N·m) NOTE 1							Backlash	Weight	Catalog Number
G	(H)	(I)	J	30 rpm	100 rpm	300 rpm	600 rpm	900 rpm	1200 rpm	1800 rpm	(mm)	(kg)	
70	—	—	75	211	172	134	108	95.0	86.2	72.7	0.07~0.19	3.26	**AGF5-20R1**
	—	—	100	446	369	291	239	211	191	164		5.79	**AGF5-30R1**
	(26)	(162)	125	763	632	506	421	371	337	288		9.97	**AGF5-40R1**
35	10	205	150	1150	956	772	646	574	523	446		5.28	**AGF5-50R1**
		255	175	1610	1340	1090	913	820	744	639		6.48	**AGF5-60R1**
75	—	—	90	329	268	208	167	146	131	110	0.07~0.19	4.95	**AGF6-20R1**
	—	—	120	696	572	451	368	325	290	248		9.66	**AGF6-30R1**
40	12	190	150	1190	981	784	648	572	513	436		6.20	**AGF6-40R1**
		250	180	1800	1480	1200	994	885	796	676		8.00	**AGF6-50R1**
		310	210	2520	2090	1680	1410	1260	1130	969		10.0	**AGF6-60R1**

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