Ground Hubless Spur Gears

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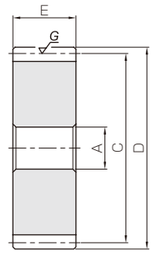
Specifications	
Precision grade	JIS grade N7 (JIS B 1702-1: 1998) * Former JIS grade 3 (JIS B 1702: 1976)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50-60HRC
Surface treatment	Black oxide coated except for teeth



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Catalog No.	Module	No. of teeth	Shape	Bore	Pitch dia.	Outside dia.	Face width	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog No.
				A_{H7}	C	D	E	Bending strength	Surface durability	Bending strength	Surface durability			
SSAG1-25	*m*1	25	S5	8	25	27	10	7.92	3.82	0.81	0.39	0.08~0.16	0.035	SSAG1-25
SSAG1-30		30			30	32		10.2	5.57	1.04	0.57		0.052	SSAG1-30
SSAG1-32		32			32	34		9.22	5.30	0.94	0.54		0.059	SSAG1-32
SSAG1-36		36		10	36	38		10.7	6.77	1.10	0.69		0.074	SSAG1-36
SSAG1-40		40			40	42		12.3	8.42	1.25	0.86		0.092	SSAG1-40
SSAG1-50		50			50	52		16.2	13.4	1.65	1.36		0.15	SSAG1-50
SSAG1.5-16	*m*1.5	16		10	24	27	15	13.8	5.02	1.41	0.51		0.044	SSAG1.5-16
SSAG1.5-18		18			27	30		16.6	6.51	1.69	0.66		0.058	SSAG1.5-18
SSAG1.5-20		20			30	33		19.4	8.20	1.98	0.84		0.074	SSAG1.5-20
SSAG1.5-25		25			37.5	40.5		22.2	11.1	2.27	1.13		0.12	SSAG1.5-25
SSAG1.5-30		30		15	45	48		28.5	16.3	2.91	1.66		0.17	SSAG1.5-30
SSAG1.5-32		32			48	51		31.1	18.6	3.17	1.90		0.19	SSAG1.5-32
SSAG1.5-36		36			54	57		36.2	23.8	3.70	2.43	0.10~0.18	0.25	SSAG1.5-36
SSAG1.5-40		40			60	63		41.5	29.6	4.23	3.02		0.31	SSAG1.5-40
SSAG1.5-50		50			75	78		54.7	47.2	5.58	4.82		0.50	SSAG1.5-50
SSAG2-15	*m*2	15		10	30	34	20	29.6	10.5	3.01	1.07	0.10~0.20	0.099	SSAG2-15
SSAG2-16		16			32	36		27.3	10.1	2.78	1.03		0.11	SSAG2-16
SSAG2-18		18			36	40		32.7	13.1	3.34	1.34		0.15	SSAG2-18
SSAG2-20		20		15	40	44		38.3	16.6	3.91	1.69		0.17	SSAG2-20
SSAG2-25		25			50	54		52.7	27.0	5.38	2.75		0.28	SSAG2-25
SSAG2-30		30		18	60	64		67.6	39.5	6.89	4.03	0.12~0.22	0.42	SSAG2-30
SSAG2-32		32			64	68		73.7	45.2	7.51	4.61		0.47	SSAG2-32
SSAG2-36		36			72	76		85.9	57.8	8.76	5.90		0.60	SSAG2-36
SSAG2-40		40			80	84		98.3	72.1	10.0	7.35		0.75	SSAG2-40
SSAG2-50		50			100	104		120	106	12.2	10.8		1.19	SSAG2-50

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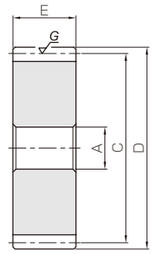

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				A_{H7}	C	D	E	Bending strength	Surface durability	Bending strength	Surface durability			
SSAG2.5-15	*m*2.5	15	S5	15	37.5	42.5	25	48.1	17.4	4.91	1.77	0.1~0.2	0.18	SSAG2.5-15
SSAG2.5-16		16			40	45		53.3	20.1	5.44	2.05		0.21	SSAG2.5-16
SSAG2.5-18		18			45	50		63.9	26.1	6.52	2.66		0.28	SSAG2.5-18
SSAG2.5-20		20			50	55		74.8	32.9	7.63	3.36		0.35	SSAG2.5-20
SSAG2.5-25		25		20	62.5	67.5		103	53.8	10.5	5.48	0.12~0.22	0.54	SSAG2.5-25
SSAG2.5-30		30			75	80		132	78.7	13.5	8.03		0.81	SSAG2.5-30
SSAG2.5-32		32			80	85		144	90.1	14.7	9.19		0.92	SSAG2.5-32
SSAG2.5-36		36			90	95		168	115	17.1	11.8		1.19	SSAG2.5-36
SSAG2.5-40		40			100	105		177	133	18.1	13.6		1.48	SSAG2.5-40
SSAG2.5-50		50			125	130		234	213	23.8	21.7	0.14~0.24	2.35	SSAG2.5-50
SSAG3-15	*m*3	15		15	45	51	30	83.1	30.5	8.48	3.11	0.1~0.2	0.33	SSAG3-15
SSAG3-16		16			48	54		92.1	35.2	9.39	3.59		0.38	SSAG3-16
SSAG3-18		18			54	60		110	45.8	11.3	4.67	0.12~0.22	0.50	SSAG3-18
SSAG3-20		20			60	66		129	57.8	13.2	5.90		0.62	SSAG3-20
SSAG3-25		25		20	75	81		178	94.5	18.1	9.64		0.97	SSAG3-25
SSAG3-30		30			90	96		228	138	23.3	14.1		1.42	SSAG3-30
SSAG3-32		32			96	102		229	146	23.4	14.9		1.59	SSAG3-32
SSAG3-36		36		25	108	114		268	188	27.3	19.1		2.04	SSAG3-36
SSAG3-40		40			120	126		306	234	31.2	23.9		2.55	SSAG3-40
SSAG3-50		50			150	156		404	374	41.2	38.1		4.05	SSAG3-50
SSAG4-15	*m*4	15		20	60	68	40	197	74.1	20.1	7.55	0.14~0.24	0.79	SSAG4-15
SSAG4-16		16			64	72		218	85.6	22.3	8.73		0.91	SSAG4-16
SSAG4-18		18			72	80		262	111	26.7	11.4		1.18	SSAG4-18
SSAG4-20		20			80	88		307	141	31.3	14.3		1.48	SSAG4-20
SSAG4-25		25			100	108		389	213	39.7	21.7		2.37	SSAG4-25
SSAG4-30		30		25	120	128		499	313	50.9	31.9	0.16~0.26	3.45	SSAG4-30
SSAG4-32		32			128	136		544	358	55.5	36.5		3.89	SSAG4-32
SSAG4-36		36			144	152		634	458	64.7	46.7		4.96	SSAG4-36
SSAG4-40		40			160	168		674	529	68.7	54.0		6.16	SSAG4-40
SSAG4-50		50			200	208		889	842	90.7	85.9		9.71	SSAG4-50

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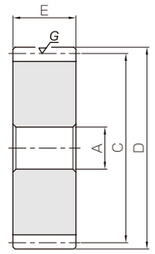

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SSAG5-20	*m5*	20	S5	25	100	110	50	553	259	56.4	26.5	0.14~0.26	2.89	SSAG5-20
SSAG5-25		25			125	135	50	760	426	77.5	43.4	0.18~0.30	4.62	SSAG5-25
SSAG5-30		30			150	160	50	975	623	99.4	63.5		6.74	SSAG5-30
SSAG6-20	*m6*	20			120	132	60	955	457	97.4	46.6		5.10	SSAG6-20
SSAG6-25		25			150	162	60	1310	747	134	76.2		8.09	SSAG6-25
SSAG6-30		30			180	192	60	1560	1020	160	104		11.8	SSAG6-30

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