

Spur Gears

Materials

Standard duty

STD : Steel 214M15/045M10

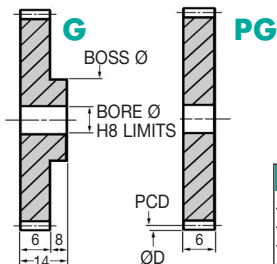
ALTERNATIVE : Brass, Tufnol or Delrin

0.7 MOD

20° P.A.

SPECIAL TEETH : between 9 - 200

TORQUE CHECK 50 teeth x 1000 rpm	214M15 303S21	214M15 Cse/HD	Brass	Tufnol	
variations at back	TORQUE Nm.	0.692	3.200	0.320	0.250
	K.W.	0.072	0.336	0.030	0.030



DISCOUNTS	
1 - 5	List Price
6 - 19	- 12%
20 - 39	- 25%
40 - 59	- 33%
60 - 99	- 37%
100 - 200	- 42%

Popular sizes in stock.

Any two part numbers of this pitch will run together.

PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1-5	
						G	PG	G	PG
G0.7-9	9	7.00	8.40	8.40	4	0.004	0.003	£11.36	£9.49
G0.7-10	10	7.70	9.10	9.10	4	0.005	0.003	£11.48	£9.51
G0.7-11	11	8.40	9.80	9.80	4	0.006	0.004	£11.52	£9.55
G0.7-12	12	8.40	9.80	9.80	5	0.006	0.005	£11.58	£9.60
G0.7-13	13	9.10	10.50	10.50	5	0.007	0.005	£11.70	£9.76
G0.7-14	14	9.80	11.20	11.20	5	0.007	0.006	£11.91	£9.94
G0.7-15	15	10.50	11.90	11.90	5	0.009	0.006	£12.22	£10.19
G0.7-16	16	11.20	12.60	12.00	5	0.009	0.007	£12.51	£10.43
G0.7-17	17	11.90	13.30	12.00	5	0.010	0.007	£12.93	£10.76
G0.7-18	18	12.60	14.00	12.00	5	0.011	0.008	£13.19	£10.95
G0.7-19	19	13.30	14.70	12.00	5	0.011	0.008	£13.41	£11.15
G0.7-20	20	14.00	15.40	12.00	5	0.012	0.009	£13.46	£11.21
G0.7-21	21	14.70	16.10	12.00	5	0.013	0.010	£13.61	£11.30
G0.7-22	22	15.40	16.80	12.00	5	0.013	0.011	£13.75	£11.47
G0.7-23	23	16.10	17.50	12.00	5	0.014	0.011	£13.93	£11.53
G0.7-24	24	16.80	18.20	12.00	5	0.015	0.012	£13.99	£11.66
G0.7-25	25	17.50	18.90	12.00	5	0.016	0.013	£14.15	£11.81
G0.7-26	26	18.20	19.60	12.00	5	0.017	0.014	£14.32	£11.89
G0.7-27	27	18.90	20.30	12.00	5	0.018	0.015	£14.44	£12.04
G0.7-28	28	19.60	21.00	12.00	5	0.019	0.016	£14.50	£12.09
G0.7-29	29	20.30	21.70	12.00	5	0.020	0.017	£14.65	£12.16
G0.7-30	30	21.00	22.40	12.00	5	0.021	0.018	£14.72	£12.23
G0.7-31	31	21.70	23.10	12.00	5	0.022	0.019	£14.73	£12.29

Spur Gears Steel - Standard MOD 0.7



PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS ø (mm)	BORE ø (mm)	WEIGHT (kg)		PRICE EACH 1-5	
						G	PG	G	PG
G0.7-32	32	22.40	23.80	12	5	0.023	0.020	£14.77	£12.33
G0.7-33	33	23.10	24.50	12	5	0.024	0.021	£14.82	£12.34
G0.7-34	34	23.80	25.20	16	6	0.030	0.023	£14.83	£12.39
G0.7-35	35	24.50	25.90	16	6	0.031	0.025	£14.90	£12.39
G0.7-36	36	25.20	26.60	16	6	0.032	0.026	£14.95	£12.40
G0.7-37	37	25.90	27.30	16	6	0.033	0.027	£14.96	£12.44
G0.7-38	38	26.60	28.00	16	6	0.035	0.029	£15.00	£12.50
G0.7-39	39	27.30	28.70	16	6	0.036	0.030	£15.02	£12.51
G0.7-40	40	28.00	29.40	16	6	0.038	0.031	£15.04	£12.52
G0.7-41	41	28.70	30.10	16	6	0.039	0.033	£15.07	£12.56
G0.7-42	42	29.40	30.80	16	6	0.040	0.034	£15.12	£12.65
G0.7-43	43	30.10	31.50	16	6	0.042	0.036	£15.14	£12.66
G0.7-44	44	30.80	32.20	16	6	0.043	0.037	£15.19	£12.68
G0.7-45	45	31.50	32.90	16	6	0.045	0.039	£15.23	£12.69
G0.7-46	46	32.20	33.60	16	6	0.047	0.040	£15.36	£12.75
G0.7-47	47	32.90	34.30	16	6	0.048	0.042	£15.38	£12.77
G0.7-48	48	33.60	35.00	16	6	0.050	0.044	£15.41	£12.83
G0.7-49	49	34.30	35.70	16	6	0.052	0.045	£15.47	£12.84
G0.7-50	50	35.00	36.40	16	6	0.053	0.047	£15.55	£12.95
G0.7-51	51	35.70	37.10	16	6	0.055	0.049	£15.61	£13.02
G0.7-52	52	36.40	37.80	16	6	0.057	0.051	£15.70	£13.03
G0.7-53	53	37.10	38.50	16	6	0.059	0.053	£15.77	£13.13
G0.7-54	54	37.80	39.20	16	6	0.061	0.055	£15.83	£13.19
G0.7-55	55	38.50	39.90	16	6	0.063	0.056	£15.90	£13.26
G0.7-56	56	39.20	40.60	16	6	0.065	0.058	£15.95	£13.30
G0.7-57	57	39.90	41.30	16	6	0.067	0.060	£16.04	£13.37
G0.7-58	58	40.60	42.00	16	6	0.069	0.062	£16.13	£13.40
G0.7-59	59	41.30	42.70	16	6	0.071	0.065	£16.19	£13.46
G0.7-60	60	42.00	43.40	16	6	0.073	0.067	£16.24	£13.54
G0.7-61	61	42.70	44.10	16	6	0.075	0.069	£16.29	£13.59
G0.7-62	62	43.40	44.80	16	6	0.077	0.071	£16.35	£13.64
G0.7-63	63	44.10	45.50	16	6	0.079	0.073	£16.38	£13.70
G0.7-64	64	44.80	46.20	16	6	0.082	0.075	£16.45	£13.75
G0.7-66	66	46.20	47.60	16	6	0.086	0.080	£16.60	£13.82
G0.7-68	68	47.60	49.00	16	6	0.091	0.085	£16.72	£13.95
G0.7-70	70	49.00	50.40	16	8	0.094	0.092	£16.94	£14.08
G0.7-75	75	52.50	53.90	16	8	0.106	0.105	£17.31	£14.44
G0.7-76	76	53.20	54.60	16	8	0.109	0.107	£17.81	£14.82
G0.7-80	80	56.00	57.40	16	8	0.120	0.118	£18.12	£15.04
G0.7-86	86	60.20	61.60	16	8	0.138	0.136	£18.40	£15.07
G0.7-88	88	61.60	63.00	16	8	0.144	0.142	£18.77	£15.65
G0.7-90	90	63.00	64.40	16	8	0.150	0.149	£19.07	£15.87
G0.7-96	96	67.20	68.60	16	8	0.170	0.168	£20.92	£17.38
G0.7-100	100	70.00	71.40	16	8	0.184	0.182	£24.24	£20.20
G0.7-112	112	78.40	79.80	20	8	0.235	0.227	£27.63	£22.99
G0.7-120	120	84.00	85.40	20	8	0.268	0.260	£33.19	£27.64
G0.7-127	127	88.90	90.30	20	8	0.299	0.290	£34.03	£28.37
G0.7-128	128	89.60	91.00	20	8	0.303	0.295	£34.72	£28.90
G0.7-140	140	98.00	99.40	20	10	0.360	0.352	£37.79	£31.50
G0.7-150	150	105.00	106.40	25	10	0.422	0.403	£40.99	£34.17
G0.7-175	175	122.50	123.90	25	12	0.566	0.547	£47.24	£39.34

Gears with a greater number of teeth than listed are subject to different face widths, boss and bore. Please consult Technical for sizes.

