

# Spur Gears

## Materials

Standard duty

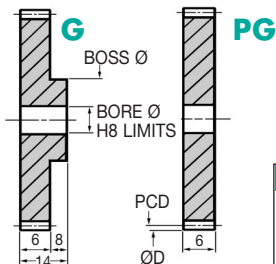
STD : Steel 214M15/045M10

ALTERNATIVE : Brass, Tufnol or Delrin

**0.75 MOD** 20° P.A.

SPECIAL TEETH : between 10-250

TORQUE CHECK 50 teeth x 1000 rpm	214M15 303S21	214M15 Cse/HD	Brass	Tufnol	
variations at back	<b>TORQUE Nm.</b>	0.990	4.570	0.480	0.380
	<b>K.W.</b>	0.104	0.477	0.052	0.037



### DISCOUNTS

	List Price
1 - 5	
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
G0.75-10	10	8.25	9.75	9.75	4	0.006	0.002	£10.70	£8.87
G0.75-11	11	9.00	10.50	10.50	4	0.007	0.002	£10.94	£9.08
G0.75-12	12	9.75	11.25	11.25	4	0.008	0.003	£11.12	£9.22
G0.75-13	13	9.75	11.25	11.25	5	0.008	0.003	£11.18	£9.28
G0.75-14	14	10.50	12.00	12.00	5	0.009	0.003	£11.36	£9.49
G0.75-15	15	11.25	12.75	12.00	5	0.009	0.004	£11.70	£9.76
G0.75-16	16	12.00	13.50	12.00	5	0.010	0.004	£12.07	£10.02
G0.75-17	17	12.75	14.25	12.00	5	0.011	0.005	£12.33	£10.24
G0.75-18	18	13.50	15.00	12.00	5	0.011	0.006	£12.62	£10.46
G0.75-19	19	14.25	15.75	12.00	5	0.012	0.006	£12.69	£10.57
G0.75-20	20	15.00	16.50	12.00	5	0.013	0.007	£12.83	£10.72
G0.75-21	21	15.75	17.25	12.00	5	0.014	0.008	£13.00	£10.79
G0.75-22	22	16.50	18.00	12.00	5	0.015	0.009	£13.09	£10.87
G0.75-23	23	17.25	18.75	12.00	5	0.016	0.010	£13.26	£10.99
G0.75-24	24	18.00	19.50	12.00	5	0.017	0.011	£13.37	£11.15
G0.75-25	25	18.75	20.25	12.00	5	0.017	0.012	£13.48	£11.21
G0.75-26	26	19.50	21.00	12.00	5	0.019	0.013	£13.57	£11.28
G0.75-27	27	20.25	21.75	12.00	5	0.020	0.014	£13.64	£11.35
G0.75-28	28	21.00	22.50	12.00	5	0.021	0.015	£13.75	£11.47
G0.75-29	29	21.75	23.25	12.00	5	0.022	0.016	£13.82	£11.49
G0.75-30	30	22.50	24.00	12.00	5	0.023	0.017	£13.92	£11.51
G0.75-31	31	23.25	24.70	12.00	5	0.024	0.019	£13.93	£11.53
G0.75-32	32	24.00	25.50	16.00	6	0.030	0.019	£13.95	£11.58

Spur Gears Steel - Standard MOD 0.75



PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1-5	
						G	PG	G	PG
G0.75-33	33	24.70	26.25	16	6	0.031	0.021	£13.96	£11.59
G0.75-34	34	25.50	27.00	16	6	0.033	0.022	£13.98	£11.65
G0.75-35	35	26.25	27.75	16	6	0.034	0.024	£13.99	£11.66
G0.75-36	36	27.00	28.50	16	6	0.036	0.025	£14.05	£11.67
G0.75-37	37	27.75	29.25	16	6	0.037	0.026	£14.06	£11.70
G0.75-38	38	28.50	30.00	16	6	0.039	0.028	£14.08	£11.73
G0.75-39	39	29.25	30.75	16	6	0.040	0.030	£14.12	£11.77
G0.75-40	40	30.00	31.50	16	6	0.042	0.031	£14.15	£11.81
G0.75-41	41	30.75	32.25	16	6	0.043	0.033	£14.20	£11.84
G0.75-42	42	31.50	33.00	16	6	0.045	0.034	£14.25	£11.85
G0.75-43	43	32.25	33.75	16	6	0.047	0.036	£14.32	£11.89
G0.75-44	44	33.00	34.50	16	6	0.049	0.038	£14.33	£11.91
G0.75-45	45	33.75	35.25	16	6	0.050	0.040	£14.38	£12.04
G0.75-46	46	34.50	36.00	16	6	0.052	0.042	£14.61	£12.09
G0.75-47	47	35.25	36.75	16	6	0.054	0.044	£14.64	£12.11
G0.75-48	48	36.00	37.50	16	6	0.056	0.045	£14.67	£12.16
G0.75-49	49	36.75	38.25	16	6	0.058	0.047	£14.72	£12.23
G0.75-50	50	37.50	39.00	16	6	0.060	0.049	£14.77	£12.33
G0.75-51	51	38.25	39.75	16	6	0.062	0.051	£14.83	£12.34
G0.75-52	52	39.00	40.50	16	6	0.064	0.054	£14.95	£12.40
G0.75-53	53	39.75	41.25	16	6	0.066	0.056	£15.00	£12.50
G0.75-54	54	40.50	42.00	16	6	0.068	0.058	£15.04	£12.51
G0.75-55	55	41.25	42.75	16	6	0.071	0.060	£15.12	£12.62
G0.75-56	56	42.00	43.50	16	6	0.073	0.062	£15.18	£12.66
G0.75-57	57	42.75	44.25	16	6	0.075	0.065	£15.23	£12.68
G0.75-58	58	43.50	45.00	16	6	0.078	0.067	£15.39	£12.77
G0.75-59	59	44.25	45.75	16	6	0.080	0.069	£15.41	£12.78
G0.75-60	60	45.00	46.50	16	6	0.082	0.072	£15.45	£12.83
G0.75-61	61	45.75	47.25	16	6	0.085	0.074	£15.49	£12.84
G0.75-62	62	46.50	48.00	16	6	0.087	0.077	£15.50	£12.93
G0.75-63	63	47.25	48.75	16	6	0.090	0.079	£15.55	£12.95
G0.75-64	64	48.00	49.50	16	6	0.092	0.082	£15.65	£13.03
G0.75-65	65	48.75	50.25	16	8	0.093	0.083	£15.83	£13.14
G0.75-68	68	51.00	52.50	16	8	0.101	0.091	£16.04	£13.26
G0.75-70	70	52.50	54.00	16	8	0.106	0.097	£16.19	£13.64
G0.75-72	72	54.00	55.50	16	8	0.112	0.103	£16.65	£13.96
G0.75-75	75	56.25	57.75	16	8	0.121	0.112	£16.92	£14.06
G0.75-77	77	57.75	59.25	16	8	0.127	0.118	£16.99	£14.13
G0.75-80	80	60.00	61.50	16	8	0.137	0.128	£17.25	£14.38
G0.75-84	84	63.00	64.50	16	8	0.150	0.141	£17.81	£14.82
G0.75-86	86	64.50	66.00	16	8	0.157	0.148	£18.88	£15.33
G0.75-88	88	66.00	67.50	16	8	0.164	0.155	£20.09	£15.90
G0.75-90	90	67.50	69.00	16	8	0.171	0.162	£21.42	£16.48
G0.75-96	96	72.00	73.50	16	8	0.194	0.185	£22.71	£19.27
G0.75-100	100	75.00	76.50	16	8	0.210	0.201	£27.40	£21.06
G0.75-120	120	90.00	91.50	20	8	0.306	0.290	£32.43	£27.02
G0.75-140	140	105.00	106.50	20	10	0.411	0.395	£38.31	£31.91
G0.75-150	150	112.50	114.00	20	10	0.470	0.454	£44.85	£33.19
G0.75-180	180	135.00	136.50	30	12	0.671	0.655	£61.13	£41.03

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

