

Spur Gears

Materials

Standard duty

STD : Steel 214M15/045M10

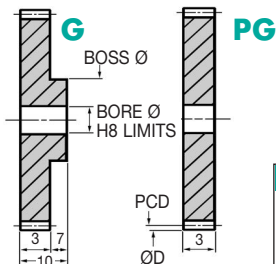
ALTERNATIVE : Brass, Tufnol or Delrin

0.4 MOD

20° P.A.

SPECIAL TEETH : between 10 - 250

TORQUE CHECK 50 teeth x 1000 rpm variations at back	214M15 303S21	214M15 Cse/HD	Brass	Tufnol
TORQUE Nm.	0.147	0.698	0.073	0.058
K.W.	0.014	0.075	0.008	0.006



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
G0.4-10	10	4.40	5.20	5.20	2	0.0012 0.0003	£9.55	£9.04
G0.4-11	11	4.80	5.60	5.60	2	0.0015 0.0003	£9.57	£9.08
G0.4-12	12	4.80	5.60	5.60	2	0.0015 0.0003	£9.60	£9.08
G0.4-13	13	5.20	6.00	6.00	2	0.0018 0.0004	£9.61	£9.09
G0.4-14	14	5.60	6.40	6.40	2	0.0020 0.0005	£9.62	£9.15
G0.4-15	15	6.00	6.80	6.80	2	0.0024 0.0006	£9.65	£9.16
G0.4-16	16	6.40	7.20	7.20	2	0.0027 0.0007	£9.67	£9.18
G0.4-17	17	6.80	7.60	7.60	2	0.0030 0.0008	£9.68	£9.20
G0.4-18	18	7.20	8.00	8.00	3	0.0031 0.0008	£9.70	£9.21
G0.4-19	19	7.60	8.40	8.40	3	0.0035 0.0009	£9.72	£9.22
G0.4-20	20	8.00	8.80	8.80	3	0.0039 0.0010	£9.74	£9.24
G0.4-21	21	8.40	9.20	9.20	3	0.0043 0.0011	£9.76	£9.28
G0.4-22	22	8.80	9.60	9.60	3	0.0047 0.0012	£9.77	£9.30
G0.4-23	23	9.20	10.00	10.00	3	0.0052 0.0014	£9.82	£9.32
G0.4-24	24	9.60	10.40	10.40	3	0.0057 0.0015	£9.82	£9.35
G0.4-25	25	10.00	10.80	10.80	3	0.0062 0.0016	£9.83	£9.37
G0.4-26	26	10.40	11.20	8.00	3	0.0041 0.0018	£9.84	£9.38
G0.4-27	27	10.80	11.60	8.00	3	0.0043 0.0019	£9.86	£9.47
G0.4-28	28	11.20	12.00	8.00	3	0.0044 0.0021	£9.93	£9.48
G0.4-29	29	11.60	12.40	8.00	3	0.0046 0.0023	£9.94	£9.51
G0.4-30	30	12.00	12.80	8.00	3	0.0047 0.0024	£9.96	£9.55
G0.4-31	31	12.40	13.20	8.00	3	0.0049 0.0026	£9.97	£9.70
G0.4-32	32	12.80	13.60	8.00	3	0.0051 0.0028	£10.01	£9.82



PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1-5	
						G	PG	G	PG
G0.4-33	33	13.20	14.00	8	3	0.0053	0.0030	£10.02	£9.84
G0.4-34	34	13.60	14.40	8	3	0.0055	0.0032	£10.09	£9.96
G0.4-35	35	14.00	14.80	8	3	0.0057	0.0034	£10.19	£9.99
G0.4-36	36	14.40	15.20	8	3	0.0059	0.0036	£10.19	£10.02
G0.4-37	37	14.80	15.60	8	3	0.0061	0.0038	£10.22	£10.22
G0.4-38	38	15.20	16.00	8	3	0.0063	0.0040	£10.28	£10.24
G0.4-39	39	15.60	16.40	8	3	0.0065	0.0042	£10.32	£10.30
G0.4-40	40	16.00	16.80	12	4	0.0097	0.0043	£10.42	£10.35
G0.4-41	41	16.40	17.20	12	4	0.0099	0.0046	£10.46	£10.43
G0.4-42	42	16.80	17.60	12	4	0.0102	0.0048	£10.54	£10.46
G0.4-43	43	17.20	18.00	12	4	0.0104	0.0050	£10.65	£10.54
G0.4-44	44	17.60	18.40	12	4	0.0107	0.0053	£10.72	£10.65
G0.4-45	45	18.00	18.80	12	4	0.0109	0.0056	£10.76	£10.70
G0.4-46	46	18.40	19.20	12	4	0.0112	0.0058	£10.80	£10.75
G0.4-47	47	18.80	19.60	12	4	0.0115	0.0061	£10.87	£10.79
G0.4-48	48	19.20	20.00	12	4	0.0117	0.0064	£10.95	£10.80
G0.4-49	49	19.60	20.40	12	4	0.0120	0.0066	£10.99	£10.87
G0.4-50	50	20.00	20.80	12	4	0.0123	0.0069	£11.15	£10.95
G0.4-51	51	20.40	21.20	12	4	0.0126	0.0072	£11.20	£10.99
G0.4-52	52	20.80	21.60	12	4	0.0129	0.0075	£11.28	£11.06
G0.4-53	53	21.20	22.00	12	4	0.0132	0.0078	£11.30	£11.18
G0.4-54	54	21.60	22.40	12	4	0.0135	0.0081	£11.35	£11.21
G0.4-55	55	22.00	22.80	12	4	0.0138	0.0084	£11.36	£11.30
G0.4-56	56	22.40	23.20	12	4	0.0141	0.0088	£11.50	£11.35
G0.4-57	57	22.80	23.60	12	4	0.0145	0.0091	£11.65	£11.49
G0.4-58	58	23.20	24.00	12	4	0.0148	0.0094	£11.73	£11.65
G0.4-59	59	23.60	24.40	12	4	0.0151	0.0098	£11.84	£11.73
G0.4-60	60	24.00	24.80	12	4	0.0155	0.0101	£11.91	£11.84
G0.4-61	61	24.40	25.20	12	4	0.0158	0.0104	£12.06	£11.91
G0.4-62	62	24.80	25.60	12	4	0.0162	0.0108	£12.15	£12.06
G0.4-63	63	25.20	26.00	12	4	0.0165	0.0112	£12.23	£12.15
G0.4-64	64	25.60	26.40	12	4	0.0169	0.0115	£12.34	£12.23
G0.4-65	65	26.00	26.80	12	4	0.0173	0.0119	£12.50	£12.39
G0.4-68	68	27.20	28.00	12	4	0.0184	0.0131	£12.65	£12.50
G0.4-70	70	28.00	28.80	12	4	0.0192	0.0138	£12.69	£12.65
G0.4-72	72	28.80	29.60	12	4	0.0201	0.0147	£12.77	£12.69
G0.4-75	75	30.00	30.80	12	4	0.0213	0.0159	£12.83	£12.78
G0.4-77	77	30.80	31.60	12	4	0.0222	0.0168	£12.93	£12.93
G0.4-80	80	32.00	32.80	12	5	0.0230	0.0180	£12.95	£13.03
G0.4-84	84	33.60	34.40	12	5	0.0249	0.0199	£13.09	£13.30
G0.4-86	86	34.40	35.20	12	5	0.0259	0.0209	£13.27	£13.54
G0.4-88	88	35.20	36.00	12	5	0.0269	0.0219	£13.46	£13.77
G0.4-90	90	36.00	36.80	12	5	0.0279	0.0229	£13.68	£14.05
G0.4-96	96	38.40	39.20	12	5	0.0311	0.0261	£13.95	£14.32
G0.4-100	100	40.00	40.80	12	5	0.0334	0.0284	£14.15	£14.61
G0.4-120	120	48.00	48.80	12	5	0.0461	0.0411	£14.36	£14.77
G0.4-140	140	56.00	56.80	12	5	0.0611	0.0561	£15.83	£16.12
G0.4-150	150	60.00	60.80	12	5	0.0695	0.0645	£19.07	£16.56
G0.4-180	180	72.00	72.80	15	6	0.1008	0.0928	£23.31	£20.25
G0.4-200	200	80.00	80.80	15	6	0.1227	0.1147	£26.27	£22.79
G0.4-220	220	88.00	88.80	15	6	0.1469	0.1390	£30.22	£26.27
G0.4-250	250	100.00	100.80	15	6	0.1876	0.1797	£34.34	£29.85

Spur Gears Steel - Standard MOD 0.4

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



Spur Gears

Materials

Plastic Delrin (fully machined)

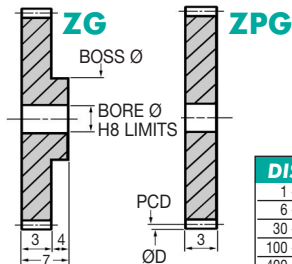
STD : **White Delrin**

0.4 MOD

20° P.A.

SPECIAL TEETH : *between 10 - 180*

TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 0.04



DISCOUNTS	
1 - 5	List Price
6 - 29	- 22%
30 - 99	- 44%
100 - 399	- 47%
400 - 999	- 50%
1000 - 5000	- 53%

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		
							ZG	ZPG	
ZG0.4-10	10	4.40	5.20	5.20	1.50	0.0002	0.0001	£4.74	£3.66
ZG0.4-11	11	4.80	5.60	5.60	1.50	0.0002	0.0001	£4.75	£3.66
ZG0.4-12	12	4.80	5.60	5.60	1.50	0.0002	0.0001	£4.76	£3.66
ZG0.4-13	13	5.20	6.00	6.00	1.50	0.0002	0.0001	£4.78	£3.66
ZG0.4-14	14	5.60	6.40	6.40	2.00	0.0002	0.0001	£4.79	£3.71
ZG0.4-15	15	6.00	6.80	6.80	2.00	0.0002	0.0001	£4.81	£3.71
ZG0.4-16	16	6.40	7.20	7.00	2.00	0.0002	0.0001	£4.83	£3.71
ZG0.4-17	17	6.80	7.60	7.00	2.00	0.0002	0.0001	£4.84	£3.71
ZG0.4-18	18	7.20	8.00	7.00	2.00	0.0003	0.0001	£4.85	£3.71
ZG0.4-19	19	7.60	8.40	7.00	2.00	0.0003	0.0002	£4.85	£3.71
ZG0.4-20	20	8.00	8.80	7.00	2.00	0.0004	0.0002	£4.85	£3.71
ZG0.4-21	21	8.40	9.20	7.00	2.00	0.0004	0.0002	£4.85	£3.71
ZG0.4-22	22	8.80	9.60	7.00	2.00	0.0004	0.0002	£4.85	£3.71
ZG0.4-23	23	9.20	10.00	9.00	2.00	0.0006	0.0002	£4.85	£3.71
ZG0.4-24	24	9.60	10.40	9.00	2.00	0.0006	0.0003	£4.85	£3.71
ZG0.4-25	25	10.00	10.80	9.00	2.00	0.0006	0.0003	£4.85	£3.71
ZG0.4-26	26	10.40	11.20	9.00	2.00	0.0006	0.0003	£4.85	£3.71
ZG0.4-27	27	10.80	11.60	9.00	2.00	0.0007	0.0003	£4.85	£3.78
ZG0.4-28	28	11.20	12.00	11.00	3.00	0.0008	0.0004	£4.90	£3.78
ZG0.4-29	29	11.60	12.40	11.00	3.00	0.0008	0.0004	£4.95	£3.78
ZG0.4-30	30	12.00	12.80	11.00	3.00	0.0009	0.0004	£4.96	£3.78
ZG0.4-31	31	12.40	13.20	11.00	3.00	0.0009	0.0004	£4.97	£3.78
ZG0.4-32	32	12.80	13.60	11.00	3.00	0.0009	0.0005	£4.98	£3.78

Spur Gears Plastic MOD 0.4

23.8



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PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1-5	
						ZG	ZPG	ZG	ZPG
ZG0.4-33	33	13.20	14.00	11	3	0.0010	0.0005	£4.99	£3.83
ZG0.4-34	34	13.60	14.40	11	3	0.0010	0.0005	£5.01	£3.84
ZG0.4-35	35	14.00	14.80	11	3	0.0010	0.0006	£5.06	£3.85
ZG0.4-36	36	14.40	15.20	11	3	0.0011	0.0006	£5.06	£3.88
ZG0.4-37	37	14.80	15.60	11	3	0.0011	0.0006	£5.09	£3.89
ZG0.4-38	38	15.20	16.00	11	3	0.0011	0.0007	£5.19	£3.90
ZG0.4-39	39	15.60	16.40	11	3	0.0012	0.0007	£5.20	£3.96
ZG0.4-40	40	16.00	16.80	11	3	0.0012	0.0007	£5.22	£3.96
ZG0.4-41	41	16.40	17.20	11	3	0.0012	0.0008	£5.23	£3.99
ZG0.4-42	42	16.80	17.60	11	3	0.0013	0.0008	£5.25	£4.01
ZG0.4-43	43	17.20	18.00	11	3	0.0013	0.0009	£5.32	£4.03
ZG0.4-44	44	17.60	18.40	11	3	0.0014	0.0009	£5.33	£4.07
ZG0.4-45	45	18.00	18.80	11	3	0.0014	0.0010	£5.34	£4.08
ZG0.4-46	46	18.40	19.20	11	3	0.0015	0.0010	£5.46	£4.09
ZG0.4-47	47	18.80	19.60	11	3	0.0015	0.0010	£5.47	£4.14
ZG0.4-48	48	19.20	20.00	11	3	0.0015	0.0011	£5.48	£4.20
ZG0.4-49	49	19.60	20.40	14	4	0.0018	0.0011	£5.52	£4.21
ZG0.4-50	50	20.00	20.80	14	4	0.0019	0.0012	£5.54	£4.24
ZG0.4-51	51	20.40	21.20	14	4	0.0019	0.0012	£5.55	£4.27
ZG0.4-52	52	20.80	21.60	14	4	0.0020	0.0013	£5.58	£4.28
ZG0.4-53	53	21.20	22.00	14	4	0.0020	0.0013	£5.67	£4.32
ZG0.4-54	54	21.60	22.40	14	4	0.0021	0.0014	£5.72	£4.32
ZG0.4-55	55	22.00	22.80	14	4	0.0021	0.0014	£5.73	£4.35
ZG0.4-56	56	22.40	23.20	14	4	0.0022	0.0015	£5.79	£4.38
ZG0.4-57	57	22.80	23.60	14	4	0.0023	0.0015	£5.81	£4.42
ZG0.4-58	58	23.20	24.00	14	4	0.0023	0.0016	£5.85	£4.44
ZG0.4-59	59	23.60	24.40	14	4	0.0024	0.0016	£5.90	£4.49
ZG0.4-60	60	24.00	24.80	14	4	0.0024	0.0017	£5.95	£4.57
ZG0.4-61	61	24.40	25.20	14	4	0.0025	0.0018	£6.04	£4.61
ZG0.4-62	62	24.80	25.60	14	4	0.0025	0.0018	£6.06	£4.62
ZG0.4-63	63	25.20	26.00	14	4	0.0026	0.0019	£6.14	£4.72
ZG0.4-64	64	25.60	26.40	14	4	0.0027	0.0019	£6.15	£4.73
ZG0.4-65	65	26.00	26.80	14	4	0.0027	0.0020	£6.30	£4.76
ZG0.4-68	68	27.20	28.00	14	4	0.0029	0.0022	£6.32	£4.79
ZG0.4-70	70	28.00	28.80	14	4	0.0031	0.0023	£6.38	£4.83
ZG0.4-72	72	28.80	29.60	14	4	0.0032	0.0025	£6.70	£4.85
ZG0.4-75	75	30.00	30.80	14	4	0.0034	0.0027	£7.04	£5.46
ZG0.4-77	77	30.80	31.60	14	4	0.0036	0.0028	£7.09	£5.47
ZG0.4-80	80	32.00	32.80	14	4	0.0038	0.0031	£7.14	£5.48
ZG0.4-84	84	33.60	34.40	14	4	0.0041	0.0034	£7.27	£5.52
ZG0.4-86	86	34.40	35.20	14	4	0.0043	0.0035	£7.36	£5.58
ZG0.4-88	88	35.20	36.00	14	4	0.0044	0.0037	£7.40	£5.67
ZG0.4-90	90	36.00	36.80	14	4	0.0046	0.0039	£7.49	£5.79
ZG0.4-96	96	38.40	39.20	14	4	0.0051	0.0044	£7.70	£5.85
ZG0.4-100	100	40.00	40.80	14	4	0.0055	0.0048	£8.88	£6.77
ZG0.4-120	120	48.00	48.80	14	4	0.0077	0.0069	£9.04	£6.95
ZG0.4-140	140	56.00	56.80	14	4	0.0102	0.0095	£10.04	£7.94
ZG0.4-150	150	60.00	60.80	20	6	0.0116	0.0109	£11.28	£9.08
ZG0.4-180	180	72.00	72.80	20	6	0.0164	0.0157	£12.43	£10.25

Spur Gears Plastic MOD 0.4

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

