

Spur Gears

Materials

Standard duty

STD : Steel 214M15/045M10

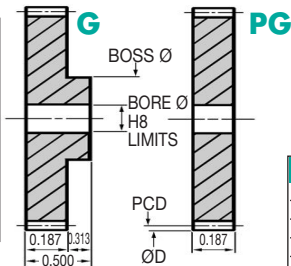
ALTERNATIVE : Brass, Tufnol or Delrin

48 DP

20° P.A.

SPECIAL TEETH : between 10 - 250

TORQUE CHECK 50 teeth x 1000 rpm variations at back	214M15 303S21 TORQUE Nm. K.W.	214M15 Cse/HD 1.850 0.194	Brass 0.1956 0.020	Tufnol 0.156 0.016
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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 (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1-5	
						G	PG
G48-10	10	0.229	0.271	0.271	0.093	£10.12	£8.46
G48-11	11	0.250	0.292	0.292	0.093	£10.15	£8.47
G48-12	12	0.250	0.292	0.292	0.093	£10.19	£8.50
G48-13	13	0.271	0.313	0.313	0.125	£10.28	£8.66
G48-14	14	0.292	0.333	0.333	0.125	£10.42	£8.83
G48-15	15	0.313	0.354	0.313	0.125	£10.54	£8.96
G48-16	16	0.333	0.375	0.313	0.125	£10.72	£9.18
G48-17	17	0.354	0.396	0.313	0.125	£10.76	£9.32
G48-18	18	0.375	0.417	0.313	0.125	£10.87	£9.51
G48-19	19	0.396	0.438	0.313	0.125	£10.97	£9.55
G48-20	20	0.417	0.458	0.375	0.187	£11.15	£9.61
G48-21	21	0.438	0.479	0.375	0.187	£11.21	£9.67
G48-22	22	0.458	0.500	0.375	0.187	£11.30	£9.72
G48-23	23	0.479	0.521	0.375	0.187	£11.36	£9.82
G48-24	24	0.500	0.542	0.375	0.187	£11.50	£9.84
G48-25	25	0.521	0.563	0.375	0.187	£11.65	£9.94
G48-26	26	0.542	0.583	0.375	0.187	£11.73	£9.97
G48-27	27	0.563	0.604	0.375	0.187	£11.84	£10.02
G48-28	28	0.583	0.625	0.375	0.187	£11.91	£10.19
G48-29	29	0.604	0.646	0.375	0.187	£12.06	£10.22
G48-30	30	0.625	0.667	0.375	0.187	£12.15	£10.24
G48-31	31	0.646	0.688	0.375	0.187	£12.29	£10.28
G48-32	32	0.667	0.708	0.375	0.187	£12.40	£10.30

Spur Gears Steel - Standard DP 48

23.90



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1-5	
						G	PG
G48-33	33	0.688	0.729	0.375	0.187	£12.56	£10.42
G48-34	34	0.708	0.750	0.375	0.187	£12.69	£10.47
G48-35	35	0.729	0.771	0.375	0.187	£12.83	£10.65
G48-36	36	0.750	0.792	0.375	0.187	£13.00	£10.75
G48-37	37	0.771	0.813	0.375	0.187	£13.30	£10.80
G48-38	38	0.792	0.833	0.375	0.187	£13.46	£10.95
G48-39	39	0.813	0.854	0.375	0.187	£13.64	£11.15
G48-40	40	0.833	0.875	0.375	0.187	£13.82	£11.28
G48-41	41	0.854	0.896	0.375	0.187	£13.98	£11.35
G48-42	42	0.875	0.917	0.375	0.187	£14.15	£11.50
G48-43	43	0.896	0.938	0.375	0.187	£14.33	£11.66
G48-44	44	0.917	0.958	0.375	0.187	£14.50	£11.81
G48-45	45	0.938	0.979	0.375	0.187	£14.68	£11.91
G48-46	46	0.958	1.000	0.375	0.187	£14.83	£12.09
G48-47	47	0.979	1.021	0.375	0.187	£15.02	£12.15
G48-48	48	1.000	1.042	0.500	0.250	£15.23	£12.22
G48-49	49	1.021	1.063	0.500	0.250	£15.38	£12.33
G48-50	50	1.042	1.083	0.500	0.250	£15.45	£12.40
G48-51	51	1.063	1.104	0.500	0.250	£15.55	£12.51
G48-52	52	1.083	1.125	0.500	0.250	£15.77	£12.66
G48-53	53	1.104	1.146	0.500	0.250	£15.87	£12.75
G48-54	54	1.125	1.167	0.500	0.250	£16.12	£12.83
G48-55	55	1.146	1.188	0.500	0.250	£16.19	£12.95
G48-56	56	1.167	1.208	0.500	0.250	£16.27	£13.03
G48-57	57	1.188	1.229	0.500	0.250	£16.38	£13.14
G48-58	58	1.208	1.250	0.500	0.250	£16.48	£13.27
G48-59	59	1.229	1.271	0.500	0.250	£16.60	£13.37
G48-60	60	1.250	1.292	0.500	0.250	£16.72	£13.46
G48-61	61	1.271	1.313	0.500	0.250	£16.81	£13.59
G48-62	62	1.292	1.333	0.500	0.250	£16.92	£13.68
G48-63	63	1.313	1.354	0.500	0.250	£16.95	£13.77
G48-64	64	1.333	1.375	0.500	0.250	£16.98	£13.93
G48-65	65	1.354	1.396	0.500	0.250	£17.13	£13.98
G48-68	68	1.417	1.458	0.500	0.250	£17.13	£14.05
G48-70	70	1.458	1.500	0.500	0.250	£17.44	£14.08
G48-72	72	1.500	1.542	0.500	0.250	£17.76	£14.15
G48-75	75	1.563	1.604	0.500	0.250	£17.98	£14.50
G48-77	77	1.604	1.646	0.500	0.250	£18.30	£14.73
G48-80	80	1.667	1.708	0.500	0.250	£18.76	£15.07
G48-84	84	1.750	1.792	0.500	0.250	£19.27	£15.47
G48-86	86	1.792	1.833	0.500	0.250	£19.46	£15.57
G48-88	88	1.833	1.875	0.500	0.250	£19.73	£15.76
G48-90	90	1.875	1.917	0.500	0.250	£20.42	£15.90
G48-96	96	2.000	2.042	0.750	0.250	£24.77	£16.49
G48-100	100	2.083	2.125	0.750	0.250	£30.72	£17.76
G48-120	120	2.500	2.542	0.750	0.250	£33.50	£19.69
G48-140	140	2.917	2.958	0.750	0.250	£36.91	£21.65
G48-150	150	3.125	3.167	0.750	0.375	£39.96	£23.88
G48-180	180	3.750	3.792	0.750	0.375	£43.28	£27.60

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

48 DP

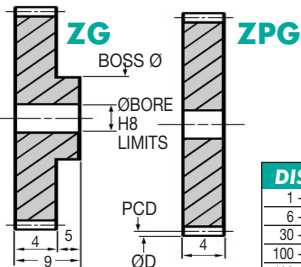
20° P.A.

SPECIAL TEETH : between 10 - 200



TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 0.10

Spur Gears Plastic - Fully Machined DP 48



Popular sizes in stock.

Any two part numbers of this pitch will run together.

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

PART NUMBER	TEETH	P.C.D. (ins)	ØD (ins)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG48-10	10	0.229	0.271	6	2	£5.06	£3.85
ZG48-11	11	0.250	0.292	7	2	£5.09	£3.88
ZG48-12	12	0.250	0.292	7	2	£5.12	£3.89
ZG48-13	13	0.271	0.313	7	2	£5.19	£3.96
ZG48-14	14	0.292	0.333	7	2	£5.22	£3.96
ZG48-15	15	0.313	0.354	7	2	£5.25	£4.01
ZG48-16	16	0.333	0.375	7	2	£5.33	£4.08
ZG48-17	17	0.354	0.396	8	2	£5.36	£4.09
ZG48-18	18	0.375	0.417	8	2	£5.48	£4.14
ZG48-19	19	0.396	0.438	9	3	£5.52	£4.21
ZG48-20	20	0.417	0.458	9	3	£5.54	£4.24
ZG48-21	21	0.438	0.479	9	3	£5.58	£4.27
ZG48-22	22	0.458	0.500	9	3	£5.67	£4.28
ZG48-23	23	0.479	0.521	10	3	£5.72	£4.35
ZG48-24	24	0.500	0.542	10	3	£5.79	£4.38
ZG48-25	25	0.521	0.563	10	3	£5.81	£4.42
ZG48-26	26	0.542	0.583	10	3	£5.85	£4.44
ZG48-27	27	0.563	0.604	10	3	£5.90	£4.49
ZG48-28	28	0.583	0.625	10	3	£5.95	£4.57
ZG48-29	29	0.604	0.646	10	3	£6.04	£4.61
ZG48-30	30	0.625	0.667	12	4	£6.06	£4.62
ZG48-31	31	0.646	0.688	12	4	£6.15	£4.73
ZG48-32	32	0.667	0.708	12	4	£6.20	£4.75

23.92



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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG48-33	33	0.688	0.729	12	4	£6.30	£4.79
ZG48-34	34	0.708	0.750	12	4	£6.38	£4.83
ZG48-35	35	0.729	0.771	12	4	£6.39	£4.85
ZG48-36	36	0.750	0.792	12	4	£6.51	£4.97
ZG48-40	40	0.833	0.875	12	4	£6.95	£5.32
ZG48-41	41	0.854	0.896	12	4	£7.02	£5.33
ZG48-42	42	0.875	0.917	12	4	£7.04	£5.46
ZG48-43	43	0.896	0.938	12	4	£7.14	£5.52
ZG48-44	44	0.917	0.958	12	4	£7.36	£5.54
ZG48-45	45	0.938	0.979	12	4	£7.38	£5.58
ZG48-46	46	0.958	1.000	12	4	£7.40	£5.72
ZG48-47	47	0.979	1.021	12	4	£7.49	£5.79
ZG48-48	48	1.000	1.042	12	4	£7.64	£5.85
ZG48-49	49	1.021	1.063	12	4	£7.70	£5.90
ZG48-50	50	1.042	1.083	12	4	£7.73	£5.95
ZG48-51	51	1.063	1.104	12	4	£7.75	£6.04
ZG48-52	52	1.083	1.125	12	4	£7.82	£6.06
ZG48-53	53	1.104	1.146	12	4	£7.87	£6.07
ZG48-54	54	1.125	1.167	12	4	£7.94	£6.08
ZG48-55	55	1.146	1.188	12	4	£8.81	£6.72
ZG48-56	56	1.167	1.208	14	4	£8.88	£6.75
ZG48-57	57	1.188	1.229	14	4	£8.93	£6.77
ZG48-58	58	1.208	1.250	14	4	£8.96	£6.87
ZG48-59	59	1.229	1.271	14	4	£9.04	£6.95
ZG48-60	60	1.250	1.292	14	4	£9.08	£6.99
ZG48-61	61	1.271	1.313	14	4	£9.18	£7.02
ZG48-62	62	1.292	1.333	14	4	£9.26	£7.03
ZG48-63	63	1.313	1.354	14	4	£9.30	£7.04
ZG48-64	64	1.333	1.375	14	4	£9.31	£7.09
ZG48-65	65	1.354	1.396	14	4	£9.32	£7.12
ZG48-68	68	1.417	1.458	14	4	£9.40	£7.14
ZG48-70	70	1.458	1.500	14	4	£9.47	£7.27
ZG48-72	72	1.500	1.542	14	4	£9.47	£7.27
ZG48-75	75	1.563	1.604	14	4	£10.97	£8.36
ZG48-77	77	1.604	1.646	14	4	£11.12	£8.53
ZG48-80	80	1.667	1.708	16	5	£11.28	£8.62
ZG48-84	84	1.750	1.792	16	5	£11.51	£8.81
ZG48-86	86	1.792	1.833	16	5	£11.76	£9.04
ZG48-88	88	1.833	1.875	16	5	£12.09	£9.26
ZG48-90	90	1.875	1.917	16	5	£12.22	£9.40
ZG48-96	96	2.000	2.042	16	5	£14.90	£11.47
ZG48-100	100	2.083	2.125	16	5	£15.42	£11.84
ZG48-120	120	2.500	2.542	16	5	£18.69	£14.35
ZG48-140	140	2.917	2.958	16	6	£23.15	£17.77
ZG48-150	150	3.125	3.167	16	6	£25.33	£19.40

'Never Knowingly Outpriced'

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

