

Spur Gears

Materials

Standard duty

STD : Steel 214M15/045M10

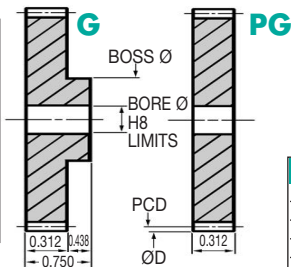
ALTERNATIVE : Brass, Tufnol or Delrin

24 DP

20° P.A.

SPECIAL TEETH : between 9 - 420

TORQUE CHECK 50 teeth x 1000 rpm		214M15 303S21	214M15 Cse/HD	Brass	Tufnol
variations at back	TORQUE Nm.	2.610	12.390	1.300	1.040
	K.W.	0.269	1.298	0.134	0.11



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
G24-9	9	0.417	0.500	0.500	0.1875	£10.25	£9.47
G24-10	10	0.458	0.542	0.542	0.1875	£10.28	£9.47
G24-11	11	0.500	0.583	0.583	0.2500	£10.30	£9.48
G24-12	12	0.500	0.583	0.583	0.2500	£10.31	£9.49
G24-13	13	0.542	0.625	0.625	0.2500	£10.32	£9.82
G24-14	14	0.583	0.667	0.667	0.2500	£10.72	£10.02
G24-15	15	0.625	0.708	0.500	0.3125	£10.82	£10.32
G24-16	16	0.667	0.750	0.500	0.3125	£11.30	£10.65
G24-17	17	0.708	0.792	0.500	0.3125	£11.50	£10.87
G24-18	18	0.750	0.833	0.625	0.3125	£11.85	£11.20
G24-19	19	0.792	0.875	0.625	0.3125	£12.06	£11.47
G24-20	20	0.833	0.917	0.625	0.3125	£12.09	£11.84
G24-21	21	0.875	0.958	0.625	0.3125	£12.40	£11.85
G24-22	22	0.917	1.000	0.625	0.3125	£12.75	£11.89
G24-23	23	0.958	1.042	0.625	0.3125	£12.95	£11.91
G24-24	24	1.000	1.083	0.625	0.3125	£13.19	£12.06
G24-25	25	1.042	1.125	0.625	0.3125	£14.36	£12.15
G24-26	26	1.083	1.167	0.625	0.3125	£14.61	£12.23
G24-27	27	1.125	1.208	0.625	0.3125	£14.82	£12.34
G24-28	28	1.167	1.250	0.625	0.3125	£15.00	£12.44
G24-29	29	1.208	1.292	0.625	0.3125	£15.18	£12.56
G24-30	30	1.250	1.333	0.750	0.3125	£15.41	£12.66
G24-31	31	1.292	1.375	0.750	0.3125	£15.55	£12.75

Spur Gears Steel - Standard DP 24

23.102



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
G24-32	32	1.333	1.417	0.750	0.3125	£15.87	£12.78
G24-33	33	1.375	1.458	0.750	0.3125	£16.13	£12.84
G24-34	34	1.417	1.500	0.750	0.3125	£16.27	£12.95
G24-35	35	1.458	1.542	0.750	0.3125	£16.44	£13.02
G24-36	36	1.500	1.583	0.750	0.3125	£16.49	£13.09
G24-37	37	1.542	1.625	0.750	0.3125	£16.68	£13.14
G24-38	38	1.583	1.667	0.750	0.3125	£16.77	£13.26
G24-39	39	1.625	1.708	0.750	0.3125	£16.90	£13.30
G24-40	40	1.667	1.750	0.750	0.3125	£16.94	£13.37
G24-41	41	1.708	1.792	0.750	0.3125	£17.06	£13.41
G24-42	42	1.750	1.833	0.750	0.3125	£17.18	£13.48
G24-43	43	1.792	1.875	0.750	0.3125	£17.28	£13.61
G24-44	44	1.833	1.917	0.750	0.3125	£17.37	£13.75
G24-45	45	1.875	1.958	0.750	0.3750	£17.59	£13.93
G24-46	46	1.917	2.000	0.750	0.3750	£17.87	£14.08
G24-47	47	1.958	2.042	0.750	0.3750	£18.24	£14.33
G24-48	48	2.000	2.083	0.750	0.3750	£18.69	£14.50
G24-49	49	2.042	2.125	0.750	0.3750	£19.42	£14.68
G24-50	50	2.083	2.167	0.750	0.3750	£20.24	£14.90
G24-51	51	2.125	2.210	0.750	0.3750	£20.36	£15.14
G24-52	52	2.167	2.250	0.750	0.3750	£20.56	£15.41
G24-53	53	2.208	2.292	0.750	0.3750	£20.70	£15.61
G24-54	54	2.250	2.333	0.750	0.3750	£20.95	£15.90
G24-55	55	2.292	2.375	0.750	0.3750	£21.15	£16.17
G24-56	56	2.333	2.417	0.750	0.3750	£21.70	£16.29
G24-57	57	2.375	2.458	0.750	0.3750	£22.12	£16.60
G24-58	58	2.417	2.500	0.750	0.3750	£22.49	£16.83
G24-59	59	2.458	2.542	0.750	0.3750	£22.85	£17.06
G24-60	60	2.500	2.583	0.750	0.3750	£23.31	£17.29
G24-61	61	2.542	2.625	0.750	0.3750	£23.84	£17.62
G24-62	62	2.583	2.667	0.750	0.3750	£24.07	£17.77
G24-63	63	2.625	2.708	0.750	0.3750	£24.24	£17.90
G24-64	64	2.667	2.750	0.750	0.3750	£24.77	£18.13
G24-65	65	2.708	2.792	0.750	0.3750	£25.12	£18.30
G24-66	66	2.750	2.833	0.750	0.3750	£25.59	£18.61
G24-68	68	2.833	2.917	0.750	0.3750	£26.00	£18.87
G24-70	70	2.917	3.000	0.750	0.3750	£26.37	£19.13
G24-72	72	3.000	3.083	0.750	0.3750	£26.66	£19.41
G24-73	73	3.042	3.125	0.750	0.3750	£26.95	£19.72
G24-74	74	3.083	3.167	0.750	0.3750	£27.33	£19.98
G24-76	76	3.167	3.250	0.750	0.3750	£27.69	£20.42
G24-78	78	3.250	3.333	0.750	0.3750	£28.15	£20.73
G24-80	80	3.333	3.417	0.750	0.3750	£28.69	£21.21
G24-84	84	3.500	3.583	0.750	0.3750	£29.43	£23.06
G24-88	88	3.667	3.750	0.750	0.3750	£31.11	£23.92
G24-90	90	3.750	3.833	0.750	0.3750	£32.78	£25.12
G24-96	96	4.000	4.083	1.000	0.5000	£37.44	£28.01
G24-100	100	4.167	4.250	1.000	0.5000	£41.39	£29.38
G24-112	112	4.667	4.750	1.000	0.5000	£44.14	£35.30

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

Heavy duty steel

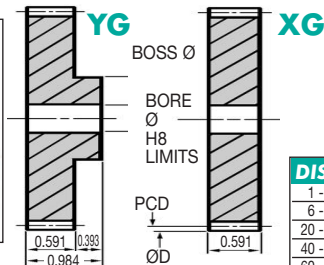
STD : 817M40 (En24) or 655M13 (En36)
ALTERNATIVE : 080M40 (En8) torque x 0.47
of 655M13(En36)

24 DP

20° P.A.

SPECIAL TEETH : between 9 - 420

TORQUE CHECK 50 teeth x 1000 rpm variations of back K.W.	655M13	655M13 Cse/HD	817M40	817M40 Ind/HD
TORQUE Nm.	10.600	29.300	10.600	15.520
K.W.	1.119	3.074	1.119	1.626



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	
						YG	XG
YG24-9	9	0.417	0.500	0.500	0.1870	£12.56	£9.38
YG24-10	10	0.458	0.542	0.542	0.1870	£12.62	£9.40
YG24-11	11	0.500	0.583	0.583	0.2500	£12.64	£9.47
YG24-12	12	0.500	0.583	0.583	0.2500	£12.65	£9.47
YG24-13	13	0.542	0.625	0.625	0.2500	£12.84	£9.67
YG24-14	14	0.583	0.667	0.667	0.2500	£13.30	£9.97
YG24-15	15	0.625	0.708	0.708	0.3120	£13.54	£10.19
YG24-16	16	0.667	0.750	0.750	0.3120	£14.06	£10.57
YG24-17	17	0.708	0.792	0.792	0.3120	£14.33	£10.76
YG24-18	18	0.750	0.833	0.787	0.3120	£14.73	£11.10
YG24-19	19	0.792	0.875	0.787	0.3120	£15.00	£11.28
YG24-20	20	0.833	0.917	0.787	0.3120	£15.23	£11.47
YG24-21	21	0.875	0.958	0.787	0.3120	£15.47	£11.59
YG24-22	22	0.917	1.000	0.787	0.3120	£15.87	£11.89
YG24-23	23	0.958	1.042	0.787	0.3120	£16.13	£12.09
YG24-24	24	1.000	1.083	0.787	0.3120	£16.44	£12.33
YG24-25	25	1.042	1.125	0.787	0.3120	£17.90	£13.41
YG24-26	26	1.083	1.167	0.787	0.3120	£18.13	£13.59
YG24-27	27	1.125	1.208	0.984	0.3120	£18.50	£13.92
YG24-28	28	1.167	1.250	0.984	0.3120	£18.71	£13.99
YG24-29	29	1.208	1.292	0.984	0.3120	£18.88	£14.15
YG24-30	30	1.250	1.333	0.984	0.3120	£19.25	£14.38
YG24-31	31	1.292	1.375	0.984	0.3120	£19.41	£14.61

Spur Gears Steel - Heavy Duty DP 24

23.104



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	
						YG	XG
YG24-32	32	1.333	1.417	0.984	0.3120	£19.77	£14.82
YG24-33	33	1.375	1.458	0.984	0.3120	£20.09	£15.04
YG24-34	34	1.417	1.500	0.984	0.3120	£20.31	£15.19
YG24-35	35	1.458	1.542	0.984	0.3120	£20.47	£15.38
YG24-36	36	1.500	1.583	1.181	0.3120	£20.61	£15.45
YG24-37	37	1.542	1.625	1.181	0.3120	£20.82	£15.55
YG24-38	38	1.583	1.667	1.181	0.3120	£20.92	£15.65
YG24-39	39	1.625	1.708	1.181	0.3120	£21.07	£15.77
YG24-40	40	1.667	1.750	1.181	0.3120	£21.10	£15.83
YG24-41	41	1.708	1.792	1.181	0.3120	£21.25	£15.93
YG24-42	42	1.750	1.833	1.181	0.3120	£21.38	£16.04
YG24-43	43	1.792	1.875	1.181	0.3120	£21.52	£16.13
YG24-44	44	1.833	1.917	1.181	0.3120	£21.70	£16.24
YG24-45	45	1.875	1.958	1.378	0.3750	£21.92	£16.44
YG24-46	46	1.917	2.000	1.378	0.3750	£22.29	£16.68
YG24-47	47	1.958	2.042	1.378	0.3750	£22.78	£17.06
YG24-48	48	2.000	2.083	1.378	0.3750	£23.30	£17.44
YG24-49	49	2.042	2.125	1.378	0.3750	£24.22	£18.17
YG24-50	50	2.083	2.167	1.378	0.3750	£25.28	£18.88
YG24-51	51	2.125	2.210	1.378	0.3750	£25.36	£19.03
YG24-52	52	2.167	2.250	1.378	0.3750	£25.62	£19.16
YG24-53	53	2.208	2.292	1.378	0.3750	£25.86	£19.36
YG24-54	54	2.250	2.333	1.378	0.3750	£26.10	£19.61
YG24-55	55	2.292	2.375	1.378	0.3750	£26.37	£19.73
YG24-56	56	2.333	2.417	1.378	0.3750	£27.07	£20.25
YG24-57	57	2.375	2.458	1.378	0.3750	£27.60	£20.66
YG24-58	58	2.417	2.500	1.378	0.3750	£28.04	£21.06
YG24-59	59	2.458	2.542	1.378	0.3750	£28.55	£21.38
YG24-60	60	2.500	2.583	1.378	0.3750	£29.10	£21.84
YG24-61	61	2.542	2.625	1.378	0.3750	£29.72	£22.29
YG24-62	62	2.583	2.667	1.378	0.3750	£29.98	£22.45
YG24-63	63	2.625	2.708	1.378	0.3750	£30.32	£22.71
YG24-64	64	2.667	2.750	1.378	0.3750	£30.85	£23.15
YG24-65	65	2.708	2.792	1.378	0.3750	£31.32	£23.47
YG24-66	66	2.750	2.833	1.378	0.3750	£31.90	£23.88
YG24-68	68	2.833	2.917	1.378	0.3750	£32.40	£24.24
YG24-70	70	2.917	3.000	1.772	0.3750	£32.91	£24.67
YG24-72	72	3.000	3.083	1.772	0.3750	£33.20	£24.88
YG24-73	73	3.042	3.125	1.772	0.3750	£33.61	£25.18
YG24-74	74	3.083	3.167	1.772	0.3750	£34.06	£25.58
YG24-76	76	3.167	3.250	1.772	0.3750	£34.56	£25.93
YG24-78	78	3.250	3.333	1.772	0.3750	£35.11	£26.32
YG24-80	80	3.333	3.417	1.772	0.3750	£35.82	£26.80
YG24-84	84	3.500	3.583	1.772	0.3750	£36.41	£27.53
YG24-88	88	3.667	3.750	1.772	0.3750	£38.77	£29.05
YG24-90	90	3.750	3.833	1.772	0.3750	£40.88	£30.72
YG24-96	96	4.000	4.083	1.772	0.5000	£46.66	£35.00
YG24-100	100	4.167	4.250	1.772	0.5000	£51.62	£38.65
YG24-112	112	4.667	4.750	1.772	0.5000	£55.01	£41.24
YG24-120	120	5.000	5.083	1.772	0.7500	£58.23	£43.66
YG24-130	130	5.417	5.500	1.772	0.7500	£64.10	£48.01
YG24-150	150	6.250	6.333	1.772	0.7500	£71.91	£53.90

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

24 DP

20° P.A.

SPECIAL TEETH : between 9 - 420



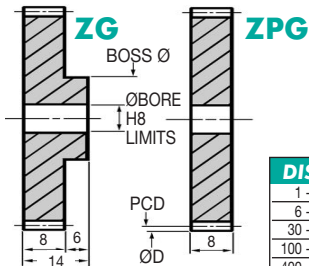
TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 0.70

Spur Gears Plastic - Fully Machined DP 24



Popular sizes in stock.

Any two part numbers of this pitch will run together.



DISCOUNTS

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

PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG24-9	9	0.417	0.500	12	4	£5.06	£3.84
ZG24-10	10	0.458	0.542	12	4	£5.06	£3.85
ZG24-11	11	0.500	0.583	12	4	£5.08	£3.88
ZG24-12	12	0.500	0.583	12	4	£5.09	£3.89
ZG24-13	13	0.542	0.625	12	4	£5.19	£3.96
ZG24-14	14	0.583	0.667	12	4	£5.33	£4.08
ZG24-15	15	0.625	0.708	12	4	£5.46	£4.14
ZG24-16	16	0.667	0.750	15	6	£5.67	£4.27
ZG24-17	17	0.708	0.792	15	6	£5.79	£4.38
ZG24-18	18	0.750	0.833	15	6	£5.90	£4.57
ZG24-19	19	0.792	0.875	15	6	£6.04	£4.59
ZG24-20	20	0.833	0.917	15	6	£6.06	£4.61
ZG24-21	21	0.875	0.958	18	6	£6.20	£4.75
ZG24-22	22	0.917	1.000	18	6	£6.38	£4.83
ZG24-23	23	0.958	1.042	18	6	£6.43	£4.97
ZG24-24	24	1.000	1.083	18	6	£6.65	£5.06
ZG24-25	25	1.042	1.125	18	6	£7.27	£5.52
ZG24-26	26	1.083	1.167	18	6	£8.02	£6.14
ZG24-27	27	1.125	1.208	18	6	£8.18	£6.21
ZG24-28	28	1.167	1.250	18	6	£8.29	£6.32
ZG24-29	29	1.208	1.292	18	6	£8.36	£6.43
ZG24-30	30	1.250	1.333	18	6	£8.50	£6.51
ZG24-31	31	1.292	1.375	18	6	£8.59	£6.61

23.106



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG24-32	32	1.333	1.417	18	6	£8.73	£6.72
ZG24-33	33	1.375	1.458	18	6	£8.88	£6.77
ZG24-34	34	1.417	1.500	18	6	£8.96	£6.87
ZG24-35	35	1.458	1.542	18	6	£9.04	£6.95
ZG24-36	36	1.500	1.583	18	6	£9.08	£6.99
ZG24-39	39	1.625	1.708	18	6	£9.21	£7.02
ZG24-40	40	1.667	1.750	18	6	£9.26	£7.04
ZG24-41	41	1.708	1.792	18	6	£9.30	£7.12
ZG24-42	42	1.750	1.833	18	6	£9.32	£7.14
ZG24-43	43	1.792	1.875	18	6	£9.40	£7.36
ZG24-44	44	1.833	1.917	18	6	£9.51	£7.44
ZG24-45	45	1.875	1.958	18	6	£9.55	£7.66
ZG24-46	46	1.917	2.000	18	6	£11.06	£8.45
ZG24-47	47	1.958	2.042	18	6	£11.21	£8.59
ZG24-48	48	2.000	2.083	18	6	£11.49	£8.81
ZG24-49	49	2.042	2.125	22	8	£11.73	£8.96
ZG24-50	50	2.083	2.167	22	8	£12.22	£9.32
ZG24-51	51	2.125	2.210	22	8	£12.75	£9.77
ZG24-52	52	2.167	2.250	22	8	£12.78	£9.82
ZG24-54	54	2.250	2.333	22	8	£12.94	£9.94
ZG24-55	55	2.292	2.375	22	8	£13.03	£9.96
ZG24-56	56	2.333	2.417	22	8	£15.83	£12.09
ZG24-57	57	2.375	2.458	22	8	£15.95	£12.22
ZG24-58	58	2.417	2.500	22	8	£16.42	£12.52
ZG24-59	59	2.458	2.542	22	8	£16.73	£12.78
ZG24-60	60	2.500	2.583	22	8	£17.04	£13.03
ZG24-62	62	2.583	2.667	22	8	£17.28	£13.27
ZG24-63	63	2.625	2.708	22	8	£17.62	£13.49
ZG24-64	64	2.667	2.750	22	8	£17.99	£13.78
ZG24-65	65	2.708	2.792	22	8	£18.18	£13.95
ZG24-66	66	2.750	2.833	22	8	£18.37	£14.05
ZG24-68	68	2.833	2.917	22	8	£18.69	£14.35
ZG24-70	70	2.917	3.000	22	8	£19.01	£15.00
ZG24-72	72	3.000	3.083	22	8	£19.40	£16.04
ZG24-73	73	3.042	3.125	22	8	£22.31	£17.07
ZG24-74	74	3.083	3.167	22	8	£22.68	£17.34
ZG24-76	76	3.167	3.250	22	8	£22.80	£17.51
ZG24-78	78	3.250	3.333	22	8	£23.09	£17.67
ZG24-80	80	3.333	3.417	22	8	£23.45	£17.98
ZG24-84	84	3.500	3.583	22	8	£23.80	£18.18
ZG24-88	88	3.667	3.750	22	8	£24.16	£18.49
ZG24-90	90	3.750	3.833	26	8	£26.69	£20.55
ZG24-96	96	4.000	4.083	30	10	£28.26	£21.65
ZG24-100	100	4.167	4.250	30	10	£29.79	£22.78
ZG24-112	112	4.667	4.750	40	12	£34.00	£26.09
ZG24-120	120	5.000	5.083	40	15	£37.65	£28.84
ZG24-140	140	5.827	5.910	40	15	£45.04	£36.24

'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.

