

Spur Gears

Materials

Standard duty

STD : Steel 214M15/045M10

ALTERNATIVE : Brass, Tufnol or Delrin

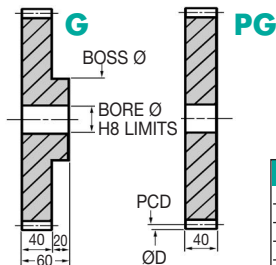
4 MOD

20° P.A.

SPECIALS : up to Ø750mm



TORQUE CHECK 50 teeth x 1000 rpm variations at back	214M15 303S21	214M15 Cse/HD	Brass	Tufnol
TORQUE Nm.	200.000	953.000	100.000	80.000
K.W.	20.888	99.964	10.444	8.206



DISCOUNTS

	List Price
1 - 5	
6 - 19	- 5%
20 - 39	- 10%
40 - 59	- 15%
60 - 99	- 20%
100 - 200	- 25%

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
G4-9	9	40	48	30	20	0.349	0.288	£22.45	£19.77
G4-10	10	44	52	34	20	0.460	0.369	£22.48	£19.81
G4-11	11	48	56	38	25	0.502	0.404	£22.51	£19.85
G4-12	12	48	56	38	25	0.502	0.404	£22.57	£19.92
G4-13	13	52	60	38	25	0.598	0.500	£24.22	£21.27
G4-14	14	56	64	40	25	0.721	0.604	£25.96	£22.75
G4-15	15	60	68	40	25	0.832	0.715	£29.43	£25.59
G4-16	16	64	72	50	25	1.060	0.834	£32.66	£27.61
G4-17	17	68	76	50	25	1.187	0.961	£34.44	£29.75
G4-18	18	72	80	50	25	1.321	1.096	£36.19	£31.96
G4-19	19	76	84	50	25	1.464	1.238	£37.52	£32.05
G4-20	20	80	88	50	25	1.614	1.388	£39.20	£32.14
G4-21	21	84	92	50	25	1.771	1.546	£40.76	£35.08
G4-22	22	88	96	50	25	1.937	1.711	£42.87	£38.05
G4-23	23	92	100	50	25	2.110	1.884	£43.74	£38.74
G4-24	24	96	104	50	25	2.291	2.065	£44.63	£39.53
G4-25	25	100	108	80	30	2.849	2.188	£46.35	£40.96
G4-26	26	104	112	80	30	3.045	2.384	£48.25	£42.46
G4-27	27	108	116	80	30	3.249	2.588	£50.38	£43.88
G4-28	28	112	120	80	30	3.460	2.799	£52.31	£45.36
G4-29	29	116	124	80	30	3.680	3.018	£54.18	£46.83
G4-30	30	120	128	80	30	3.907	3.245	£56.12	£48.25
G4-31	31	124	132	80	30	4.141	3.480	£59.79	£50.82

Spur Gears Steel - Standard MOD 4

23.68



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
Telephone +44(0)1246 268080 Fax +44(0)1246 260003

PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1-5	
						G	PG	G	PG
G4-32	32	128	136	80	30	4.383	3.722	£63.27	£53.38
G4-33	33	132	140	80	30	4.633	3.972	£67.33	£55.81
G4-34	34	136	144	80	30	4.891	4.230	£72.43	£58.53
G4-35	35	140	148	80	30	5.157	4.495	£77.79	£60.90
G4-36	36	144	152	80	30	5.430	4.769	£83.17	£67.06
G4-37	37	148	156	80	30	5.710	5.049	£88.21	£68.43
G4-38	38	152	160	80	30	5.999	5.338	£89.55	£69.75
G4-39	39	156	164	80	30	6.295	5.634	£94.57	£71.13
G4-40	40	160	168	80	30	6.599	5.938	£97.70	£72.43
G4-41	41	164	172	80	30	6.911	6.249	£101.40	£73.52
G4-42	42	168	176	80	30	7.230	6.569	£110.60	£76.42
G4-43	43	172	180	80	30	7.557	6.896	£112.47	£77.48
G4-44	44	176	184	80	30	7.891	7.230	£114.34	£80.39
G4-45	45	180	188	80	30	8.234	7.573	£116.23	£85.10
G4-46	46	184	192	80	30	8.584	7.923	£117.61	£88.73
G4-47	47	188	196	80	30	8.941	8.280	£118.95	£92.38
G4-48	48	192	200	80	30	9.307	8.646	£120.28	£95.95
G4-49	49	196	204	80	30	9.680	9.019	£122.96	£100.02
G4-50	50	200	208	80	30	10.061	9.400	£125.66	£104.00
G4-51	51	204	212	120	30	11.411	9.788	£128.71	£107.26
G4-52	52	208	216	120	30	11.807	10.184	£131.63	£109.65
G4-53	53	212	220	120	30	12.211	10.588	£135.44	£112.84
G4-54	54	216	224	120	30	12.622	11.000	£141.03	£117.50
G4-55	55	220	228	120	30	13.042	11.419	£153.14	£127.61
G4-56	56	224	232	120	30	13.469	11.846	£162.18	£135.10
G4-57	57	228	236	120	30	13.903	12.281	£165.89	£138.21
G4-58	58	232	240	120	30	14.346	12.723	£168.08	£140.02
G4-59	59	236	244	120	30	14.796	13.173	£174.96	£145.78
G4-60	60	240	248	120	30	15.253	13.631	£179.34	£149.45
G4-61	61	244	252	120	30	15.719	14.096	£217.25	£181.02
G4-62	62	248	256	120	30	16.192	14.569	£219.25	£182.68
G4-63	63	252	260	120	30	16.673	15.050	£223.17	£186.00
G4-64	64	256	264	120	30	17.161	15.538	£227.84	£189.86
G4-65	65	260	268	150	38	18.435	15.904	£237.50	£197.87
G4-66	66	264	272	150	38	18.939	16.408	£245.57	£204.63
G4-67	67	268	276	150	38	19.450	16.919	£254.28	£211.89
G4-68	68	272	280	150	38	19.970	17.439	£261.83	£218.23
G4-69	69	276	284	150	38	20.497	17.966	£268.67	£223.87
G4-70	70	280	288	150	38	21.031	18.500	£274.35	£228.60
G4-71	71	284	292	150	38	21.573	19.043	£290.02	£241.68
G4-72	72	288	296	150	38	22.124	19.593	£297.08	£246.68

Up to Ø750 mm

'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.



Spur Gears

Materials

Heavy duty steel

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

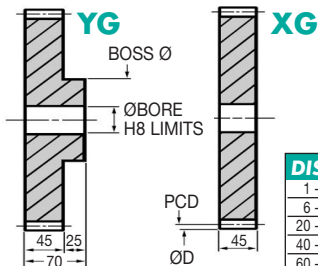
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20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm	655M13	655M13 Cse/HD	817M40	817M40 Ind/HD
variations	510.000	1407.000	510.000	744.000
of back TORQUE Nm.				
K.W.	52.966	146.962	52.966	77.584



DISCOUNTS

	List Price
1 - 5	-
6 - 19	- 5%
20 - 39	- 10%
40 - 59	- 15%
60 - 99	- 20%
100 - 200	- 25%

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		
							YG	XG	
YG4-9	9	40	48	48	20	0.61	0.32	£27.33	£22.45
YG4-10	10	44	52	52	20	0.76	0.42	£30.01	£22.50
YG4-11	11	48	56	56	25	0.83	0.45	£30.04	£22.51
YG4-12	12	48	56	56	25	0.83	0.45	£30.08	£22.66
YG4-13	13	52	60	60	25	1.01	0.56	£32.33	£24.22
YG4-14	14	56	64	60	25	1.13	0.68	£34.62	£25.96
YG4-15	15	60	68	60	25	1.25	0.80	£39.28	£29.43
YG4-16	16	64	72	60	25	1.39	0.94	£43.60	£32.66
YG4-17	17	68	76	60	25	1.53	1.08	£45.93	£34.44
YG4-18	18	72	80	60	25	1.68	1.23	£48.25	£36.19
YG4-19	19	76	84	60	25	1.84	1.39	£50.09	£37.52
YG4-20	20	80	88	60	25	2.01	1.56	£51.84	£38.88
YG4-21	21	84	92	60	25	2.19	1.74	£54.38	£40.76
YG4-22	22	88	96	75	25	2.68	1.93	£57.23	£42.87
YG4-23	23	92	100	75	25	2.87	2.12	£58.34	£43.74
YG4-24	24	96	104	75	25	3.07	2.32	£59.50	£44.63
YG4-25	25	100	108	75	30	3.17	2.46	£61.86	£46.35
YG4-26	26	104	112	75	30	3.39	2.68	£66.60	£48.25
YG4-27	27	108	116	75	30	3.62	2.91	£67.25	£50.38
YG4-28	28	112	120	75	30	3.86	3.15	£69.76	£52.31
YG4-29	29	116	124	100	30	4.76	3.40	£72.26	£54.18
YG4-30	30	120	128	100	30	5.02	3.65	£74.92	£56.12
YG4-31	31	124	132	100	30	5.28	3.92	£79.73	£59.79

Spur Gears Steel - Heavy Duty MOD 4

23.70



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
Telephone +44(0)1246 268080 Fax +44(0)1246 260003

PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS ø (mm)	BORE ø (mm)	WEIGHT (kg)		PRICE EACH 1-5	
						YG	XG	YG	XG
YG4-32	32	128	136	100	30	5.55	4.19	£84.41	£63.27
YG4-33	33	132	140	100	30	5.84	4.47	£89.49	£67.06
YG4-34	34	136	144	100	30	6.13	4.76	£96.64	£72.43
YG4-35	35	140	148	100	30	6.42	5.06	£103.73	£77.80
YG4-36	36	144	152	100	30	6.73	5.36	£110.96	£83.17
YG4-37	37	148	156	100	30	7.05	5.68	£117.63	£88.21
YG4-38	38	152	160	100	30	7.37	6.01	£120.90	£89.55
YG4-39	39	156	164	100	30	7.71	6.34	£126.07	£94.57
YG4-40	40	160	168	100	30	8.05	6.68	£130.34	£106.86
YG4-41	41	164	172	100	30	8.40	7.03	£135.23	£108.77
YG4-42	42	168	176	127	30	9.68	7.39	£147.53	£110.60
YG4-43	43	172	180	127	30	10.05	7.76	£150.02	£112.47
YG4-44	44	176	184	127	30	10.42	8.13	£152.51	£114.34
YG4-45	45	180	188	127	30	10.81	8.52	£155.03	£116.23
YG4-46	46	184	192	127	30	11.20	8.91	£156.82	£117.63
YG4-47	47	188	196	127	30	11.60	9.32	£158.60	£118.95
YG4-48	48	192	200	127	30	12.01	9.73	£160.40	£120.28
YG4-49	49	196	204	127	30	12.43	10.15	£163.96	£122.96
YG4-50	50	200	208	127	30	12.86	10.57	£167.58	£125.66
YG4-51	51	204	212	127	30	13.30	11.01	£171.65	£128.71
YG4-52	52	208	216	127	30	13.75	11.46	£175.55	£131.63
YG4-53	53	212	220	127	30	14.20	11.91	£180.66	£135.44
YG4-54	54	216	224	127	30	14.66	12.37	£188.08	£141.03
YG4-55	55	220	228	127	30	15.13	12.85	£204.21	£153.14
YG4-56	56	224	232	127	30	15.61	13.33	£216.27	£162.18
YG4-57	57	228	236	127	30	16.10	13.82	£221.20	£165.89
YG4-58	58	232	240	127	30	16.60	14.31	£224.09	£168.08
YG4-59	59	236	244	127	30	17.11	14.82	£233.26	£174.96
YG4-60	60	240	248	127	30	17.62	15.33	£239.17	£179.34
YG4-61	61	244	252	127	30	18.15	15.86	£289.71	£217.25
YG4-62	62	248	256	127	30	18.68	16.39	£292.35	£219.25
YG4-63	63	252	260	127	30	19.22	16.93	£297.63	£223.17
YG4-64	64	256	264	127	38	19.54	17.33	£303.86	£227.84
YG4-65	65	260	268	150	38	21.06	17.89	£316.68	£237.50
YG4-66	66	264	272	150	38	21.62	18.46	£327.43	£245.57
YG4-67	67	268	276	150	38	22.20	19.03	£339.07	£254.28
YG4-68	68	272	280	150	38	22.78	19.62	£349.15	£261.83
YG4-69	69	276	284	150	38	23.37	20.21	£358.29	£268.67
YG4-70	70	280	288	150	38	23.98	20.81	£365.81	£274.35
YG4-71	71	284	292	150	38	24.59	21.42	£386.69	£290.02
YG4-72	72	288	296	150	38	25.21	22.04	£396.10	£297.08

Up to Ø750 mm

'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.



Spur Gears

Materials

Plastic Delrin (fully machined)

STD : White Delrin

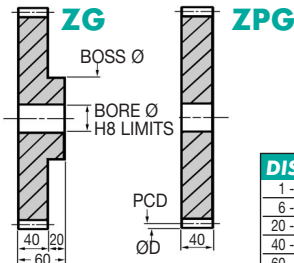
4 MOD

20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 55



DISCOUNTS

	List Price
1 - 5	
6 - 19	- 5%
20 - 39	- 10%
40 - 59	- 15%
60 - 99	- 20%
100 - 200	- 25%

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)	PRICE EACH 1-5	
						ZG	ZPG
ZG4-9	9	40	48	30	20	£14.61	£12.79
ZG4-10	10	44	52	34	20	£14.65	£12.85
ZG4-11	11	48	56	38	25	£14.68	£12.94
ZG4-12	12	48	56	38	25	£14.73	£13.00
ZG4-13	13	52	60	38	25	£15.70	£13.77
ZG4-14	14	56	64	40	25	£16.83	£14.74
ZG4-15	15	60	68	40	25	£19.07	£16.57
ZG4-16	16	64	72	50	25	£21.21	£17.94
ZG4-17	17	68	76	50	25	£22.36	£19.33
ZG4-18	18	72	80	50	25	£23.49	£20.70
ZG4-19	19	76	84	50	25	£24.38	£20.82
ZG4-20	20	80	88	50	25	£25.08	£20.87
ZG4-21	21	84	92	50	25	£26.44	£22.76
ZG4-22	22	88	96	50	25	£27.87	£24.70
ZG4-23	23	92	100	50	25	£28.40	£25.12
ZG4-24	24	96	104	50	25	£28.97	£25.62
ZG4-25	25	100	108	80	30	£30.10	£26.60
ZG4-26	26	104	112	80	30	£31.33	£27.57
ZG4-27	27	108	116	80	30	£32.71	£28.48
ZG4-28	28	112	120	80	30	£33.97	£29.42
ZG4-29	29	116	124	80	30	£35.17	£30.39
ZG4-30	30	120	128	80	30	£36.45	£31.33
ZG4-31	31	124	132	80	30	£38.85	£32.98

Spur Gears Plastic MOD 4

23.72



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
Telephone +44(0)1246 268080 Fax +44(0)1246 260003

PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG4-32	32	128	136	80	30	£77.89	£65.69
ZG4-33	33	132	140	80	30	£83.44	£68.71
ZG4-34	34	136	144	80	30	£89.16	£71.97
ZG4-35	35	140	148	80	30	£96.69	£74.98
ZG4-36	36	144	152	80	30	£102.36	£82.60
ZG4-37	37	148	156	80	30	£108.55	£84.20
ZG4-38	38	152	160	80	30	£110.22	£85.85
ZG4-39	39	156	164	80	30	£116.41	£87.50
ZG4-40	40	160	168	80	30	£120.27	£89.16
ZG4-41	41	164	172	80	30	£124.83	£90.48
ZG4-42	42	168	176	80	30	£136.15	£94.09
ZG4-43	43	172	180	80	30	£138.46	£95.38
ZG4-44	44	176	184	80	30	£140.79	£98.97
ZG4-45	45	180	188	80	30	£143.11	£104.76
ZG4-46	46	184	192	80	30	£144.72	£109.26
ZG4-47	47	188	196	80	30	£146.42	£113.71
ZG4-48	48	192	200	80	30	£148.05	£118.11
ZG4-49	49	196	204	80	30	£151.34	£123.13
ZG4-50	50	200	208	80	30	£154.63	£128.05
ZG4-51	51	204	212	120	30	£158.45	£131.99
ZG4-52	52	208	216	120	30	£162.03	£135.02
ZG4-53	53	212	220	120	30	£166.71	£138.89
ZG4-54	54	216	224	120	30	£173.60	£144.62
ZG4-55	55	220	228	120	30	£188.48	£157.06
ZG4-56	56	224	232	120	30	£199.59	£166.29
ZG4-57	57	228	236	120	30	£204.21	£170.08
ZG4-58	58	232	240	120	30	£206.87	£172.37
ZG4-59	59	236	244	120	30	£215.31	£179.42
ZG4-60	60	240	248	120	30	£220.76	£183.92
ZG4-61	61	244	252	120	30	£267.39	£222.78
ZG4-62	62	248	256	120	30	£269.87	£224.86
ZG4-63	63	252	260	120	30	£274.70	£228.93
ZG4-64	64	256	264	120	30	£280.44	£233.69
ZG4-65	65	260	268	150	38	£292.25	£243.55
ZG4-66	66	264	272	150	38	£302.20	£251.86
ZG4-67	67	268	276	150	38	£312.97	£260.77
ZG4-68	68	272	280	150	38	£322.23	£268.57
ZG4-69	69	276	284	150	38	£330.68	£275.60
ZG4-70	70	280	288	150	38	£337.68	£281.36
ZG4-71	71	284	292	150	38	£356.98	£297.45
ZG4-72	72	288	296	150	38	£365.64	£303.59

Up to Ø750 mm

'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.

