

Spur Gears

Materials

Standard duty

STD : Steel 214M15/045M10

ALTERNATIVE : Brass, Tufnol or Delrin

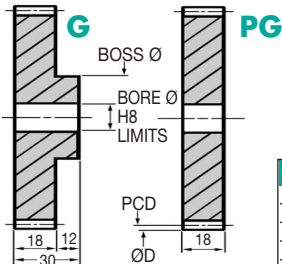
14 DP

20° P.A.

SPECIAL TEETH : between 9 - 240



TORQUE CHECK 50 teeth x 1000 rpm variations of back K.W.	214M15 303S21	214M15 Cse/HD	Brass	Tufnol
	16.000	75.000	8.000	6.400
	1.720	7.830	0.860	0.670



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)	PRICE EACH 1 - 5	
						G	PG
G14-9	9	18.14	21.77	21.00	10	£13.74	£11.66
G14-10	10	19.96	23.59	22.75	10	£13.75	£11.67
G14-11	11	21.77	25.40	24.50	10	£13.77	£11.70
G14-12	12	21.77	25.40	24.50	10	£13.78	£11.73
G14-13	13	23.59	27.21	25.00	10	£14.13	£12.04
G14-14	14	25.40	29.03	25.00	10	£14.95	£12.68
G14-15	15	27.21	30.84	25.00	10	£15.55	£13.26
G14-16	16	29.03	32.66	25.00	12	£15.87	£13.46
G14-17	17	30.84	34.47	25.00	12	£16.27	£13.82
G14-18	18	32.66	36.29	25.00	12	£16.98	£14.44
G14-19	19	34.47	38.10	25.00	12	£17.67	£15.02
G14-20	20	36.29	39.91	30.00	12	£18.88	£16.05
G14-21	21	38.10	41.73	30.00	12	£19.33	£16.44
G14-22	22	39.91	43.54	30.00	12	£19.62	£16.68
G14-23	23	41.73	45.36	30.00	12	£20.64	£17.51
G14-24	24	43.54	47.17	30.00	12	£21.58	£18.29
G14-25	25	45.36	48.99	30.00	12	£21.70	£18.43
G14-26	26	47.17	50.80	30.00	12	£21.85	£18.61
G14-27	27	48.99	52.61	30.00	12	£22.21	£18.83
G14-28	28	50.80	54.43	40.00	15	£22.30	£19.07
G14-29	29	52.61	56.24	40.00	15	£22.49	£19.15
G14-30	30	54.43	58.06	40.00	15	£23.15	£19.66
G14-31	31	56.24	59.87	40.00	15	£23.64	£20.09

Spur Gears Steel - Standard DP 14

23.126



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
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PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1 - 5	
						G	PG
G14-32	32	58.06	61.69	40	15	£23.88	£20.25
G14-33	33	59.87	63.50	40	15	£23.99	£20.42
G14-34	34	61.69	65.31	40	15	£24.40	£20.70
G14-35	35	63.50	67.13	40	15	£24.45	£19.76
G14-36	36	65.31	68.94	50	15	£25.31	£21.48
G14-37	37	67.13	70.76	50	15	£26.44	£22.45
G14-38	38	68.94	72.57	50	15	£27.02	£22.94
G14-39	39	70.76	74.39	50	15	£27.79	£23.60
G14-40	40	72.57	76.20	50	15	£28.42	£24.10
G14-41	41	74.39	78.01	50	15	£28.84	£24.51
G14-42	42	76.20	79.83	50	15	£29.43	£25.07
G14-43	43	78.01	81.64	50	15	£30.57	£25.97
G14-44	44	79.83	83.46	50	15	£31.01	£26.32
G14-45	45	81.64	85.27	60	20	£31.43	£26.69
G14-46	46	83.46	87.09	60	20	£32.04	£27.24
G14-47	47	85.27	88.90	60	20	£32.63	£27.69
G14-48	48	87.09	90.71	60	20	£33.50	£28.48
G14-49	49	88.90	92.53	60	20	£34.75	£29.52
G14-50	50	90.71	94.34	60	20	£35.15	£29.85
G14-51	51	92.53	96.16	60	20	£36.03	£30.57
G14-52	52	94.34	97.97	60	20	£36.93	£31.33
G14-53	53	96.16	99.79	60	20	£37.84	£32.15
G14-54	54	97.97	101.60	80	20	£40.87	£34.63
G14-55	55	99.79	103.41	80	20	£42.07	£35.82
G14-56	56	101.60	105.23	80	20	£43.91	£37.32
G14-57	57	103.41	107.04	80	20	£45.35	£38.50
G14-58	58	105.23	108.86	80	20	£46.69	£39.68
G14-59	59	107.04	110.67	80	20	£48.21	£40.95
G14-60	60	108.86	112.49	80	20	£50.15	£42.58
G14-62	62	112.49	116.11	80	20	£51.37	£43.66
G14-64	64	116.11	119.74	80	20	£52.87	£44.97
G14-65	65	117.93	121.56	80	20	£54.56	£46.36
G14-66	66	119.74	123.37	80	20	£56.21	£47.78
G14-68	68	123.37	127.00	80	20	£57.87	£49.18
G14-70	70	127.00	130.63	100	20	£59.46	£50.49
G14-71	71	128.81	132.44	100	20	£60.31	£51.23
G14-72	72	130.63	134.26	100	20	£61.46	£52.19
G14-73	73	132.44	136.07	100	20	£62.32	£53.01
G14-74	74	134.26	137.89	100	20	£63.27	£53.81
G14-75	75	136.07	139.70	100	20	£64.19	£54.54
G14-76	76	137.89	141.51	100	20	£65.17	£55.40
G14-78	78	141.51	145.14	100	20	£70.23	£59.65
G14-80	80	145.14	148.77	100	20	£74.37	£63.14
G14-86	86	156.03	159.66	100	20	£83.61	£69.04
G14-90	90	163.29	166.91	100	20	£91.52	£69.53
G14-96	96	174.17	177.80	100	20	£101.27	£86.36
G14-98	98	177.80	181.43	100	20	£105.39	£89.57
G14-100	100	181.43	185.06	100	20	£110.00	£93.49
G14-105	105	190.50	194.13	100	20	£115.73	£95.65
G14-110	110	199.57	203.20	100	20	£120.77	£97.09
G14-115	115	208.64	212.27	100	20	£127.84	£108.68
G14-120	120	217.71	221.34	100	20	£134.43	£114.30

Spur Gears Steel - Standard DP 14

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)

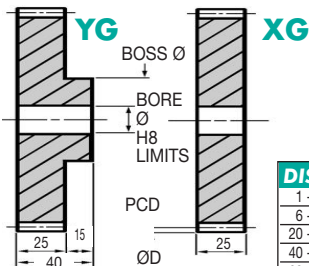
14 DP

20° P.A.

SPECIAL TEETH : between 9 - 240



TORQUE CHECK 50 teeth x 1000 rpm	655M13	655M13 Cse/HD	817M40	817M40 Ind/HD
variations	26.00	114.00	13.00	10.00
TORQUE Nm. at back				
K.W.	2.72	11.95	1.36	1.05



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)	PRICE EACH 1 - 5	
						YG	XG
YG14-9	9	18.14	21.77	21.00	10	£17.27	£14.67
YG14-10	10	19.96	23.59	22.75	10	£17.28	£14.68
YG14-11	11	21.77	25.40	24.50	10	£17.29	£14.69
YG14-12	12	21.77	25.40	24.50	10	£17.30	£14.72
YG14-13	13	23.59	27.21	25.00	10	£17.69	£15.04
YG14-14	14	25.40	29.03	25.00	10	£18.67	£15.87
YG14-15	15	27.21	30.84	25.00	10	£19.46	£16.57
YG14-16	16	29.03	32.66	25.00	12	£19.89	£16.90
YG14-17	17	30.84	34.47	25.00	12	£20.37	£17.29
YG14-18	18	32.66	36.29	25.00	12	£21.25	£18.09
YG14-19	19	34.47	38.10	25.00	12	£22.12	£18.78
YG14-20	20	36.29	39.91	30.00	12	£23.62	£20.09
YG14-21	21	38.10	41.73	30.00	12	£24.20	£20.57
YG14-22	22	39.91	43.54	30.00	12	£24.57	£20.88
YG14-23	23	41.73	45.36	30.00	12	£25.81	£21.92
YG14-24	24	43.54	47.17	30.00	12	£26.95	£22.89
YG14-25	25	45.36	48.99	30.00	12	£27.18	£23.07
YG14-26	26	47.17	50.80	30.00	12	£27.33	£23.25
YG14-27	27	48.99	52.61	30.00	12	£27.78	£23.55
YG14-28	28	50.80	54.43	40.00	15	£27.89	£23.89
YG14-29	29	52.61	56.24	40.00	15	£28.19	£23.95
YG14-30	30	54.43	58.06	40.00	15	£28.98	£24.59
YG14-31	31	56.24	59.87	40.00	15	£29.61	£25.12

Spur Gears Steel - Heavy Duty DP 14

23.128



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	
						YG	XG
YG14-32	32	58.06	61.69	40	15	£29.87	£25.34
YG14-33	33	59.87	63.50	40	15	£30.04	£25.58
YG14-34	34	61.69	65.31	40	15	£30.53	£25.95
YG14-35	35	63.50	67.13	40	15	£30.58	£26.04
YG14-36	36	65.31	68.94	50	15	£31.62	£26.89
YG14-37	37	67.13	70.76	50	15	£33.07	£28.13
YG14-38	38	68.94	72.57	50	15	£33.82	£28.69
YG14-39	39	70.76	74.39	50	15	£34.77	£29.53
YG14-40	40	72.57	76.20	50	15	£35.55	£30.13
YG14-41	41	74.39	78.01	50	15	£36.04	£30.72
YG14-42	42	76.20	79.83	50	15	£36.85	£31.35
YG14-43	43	78.01	81.64	50	15	£38.27	£32.53
YG14-44	44	79.83	83.46	50	15	£38.80	£32.91
YG14-45	45	81.64	85.27	60	20	£39.30	£33.41
YG14-46	46	83.46	87.09	60	20	£40.06	£34.04
YG14-47	47	85.27	88.90	60	20	£40.83	£34.63
YG14-48	48	87.09	90.71	60	20	£41.90	£35.63
YG14-49	49	88.90	92.53	60	20	£43.46	£36.91
YG14-50	50	90.71	94.34	60	20	£43.98	£37.35
YG14-51	51	92.53	96.16	60	20	£45.06	£38.27
YG14-52	52	94.34	97.97	60	20	£46.18	£39.21
YG14-53	53	96.16	99.79	60	20	£47.35	£40.23
YG14-54	54	97.97	101.06	80	20	£51.10	£43.35
YG14-55	55	99.79	103.41	80	20	£52.66	£44.73
YG14-56	56	101.60	105.23	80	20	£54.90	£46.65
YG14-57	57	103.41	107.04	80	20	£56.66	£48.17
YG14-58	58	105.23	108.86	80	20	£58.40	£49.63
YG14-59	59	107.04	110.67	80	20	£60.31	£51.23
YG14-60	60	108.86	112.49	80	20	£62.72	£53.21
YG14-62	62	112.49	116.11	80	20	£64.27	£54.58
YG14-64	64	116.11	119.74	80	20	£66.12	£56.21
YG14-65	65	117.93	121.56	80	20	£68.20	£58.00
YG14-66	66	119.74	123.37	80	20	£70.31	£59.76
YG14-68	68	123.37	127.00	80	20	£72.35	£61.50
YG14-70	70	127.00	130.63	100	20	£74.37	£63.12
YG14-71	71	128.81	132.44	100	20	£75.42	£64.05
YG14-72	72	130.63	134.26	100	20	£76.82	£65.25
YG14-73	73	132.44	136.07	100	20	£77.92	£66.25
YG14-74	74	134.26	137.89	100	20	£79.14	£67.28
YG14-75	75	136.07	139.70	100	20	£80.23	£68.17
YG14-76	76	137.89	141.51	100	20	£81.46	£69.25
YG14-78	78	141.51	145.14	100	20	£87.79	£74.61
YG14-80	80	145.14	148.77	100	20	£92.98	£78.99
YG14-86	86	156.03	159.66	100	20	£104.55	£86.36
YG14-90	90	163.29	166.91	100	20	£114.47	£86.92
YG14-96	96	174.17	177.80	100	20	£126.63	£107.96
YG14-98	98	177.80	181.43	100	20	£131.76	£112.01
YG14-100	100	181.43	185.06	100	20	£137.51	£116.90
YG14-105	105	190.50	194.13	100	20	£144.68	£120.77
YG14-110	110	199.57	203.20	100	20	£150.97	£121.41
YG14-115	115	208.64	212.27	100	20	£159.84	£135.85
YG14-120	120	217.71	221.34	100	20	£168.08	£142.91

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

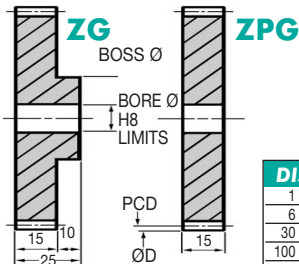
14 DP

20° P.A.

SPECIAL TEETH : between 9 - 240



TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 4.50



DISCOUNTS

Quantity	List Price
1 - 5	-
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)	1-530-99	
						ZG	ZPG
ZG14-9	9	18.14	21.77	21.00	10	£6.87	£5.29
ZG14-10	10	19.96	23.59	22.75	10	£6.94	£5.30
ZG14-11	11	21.77	25.40	24.50	10	£6.95	£5.32
ZG14-12	12	21.77	25.40	24.50	10	£6.96	£5.33
ZG14-13	13	23.59	27.21	25.00	10	£7.20	£5.53
ZG14-14	14	25.40	29.03	25.00	10	£7.36	£5.60
ZG14-15	15	27.21	30.84	25.00	10	£7.63	£5.79
ZG14-16	16	29.03	32.66	25.00	12	£7.75	£5.95
ZG14-17	17	30.84	34.47	25.00	12	£8.02	£6.14
ZG14-18	18	32.66	36.29	25.00	12	£8.26	£6.32
ZG14-19	19	34.47	38.10	25.00	12	£9.47	£7.20
ZG14-20	20	36.29	39.91	30.00	12	£9.96	£7.63
ZG14-21	21	38.10	41.73	30.00	12	£10.01	£7.64
ZG14-22	22	39.91	43.54	30.00	12	£10.12	£7.75
ZG14-23	23	41.73	45.36	30.00	12	£10.25	£7.87
ZG14-24	24	43.54	47.17	30.00	12	£10.42	£8.01
ZG14-25	25	45.36	48.99	30.00	12	£10.95	£8.36
ZG14-26	26	47.17	50.80	30.00	12	£11.47	£8.77
ZG14-27	27	48.99	52.61	30.00	12	£13.41	£10.25
ZG14-28	28	50.80	54.43	40.00	15	£13.82	£10.62
ZG14-29	29	52.61	56.24	40.00	15	£14.06	£10.79
ZG14-30	30	54.43	58.06	40.00	15	£14.50	£11.01
ZG14-31	31	56.24	59.87	40.00	15	£14.72	£11.29

Spur Gears Plastic - Fully Machined DP 14

23.130



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
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PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG14-32	32	58.06	61.69	40	15	£15.00	£11.47
ZG14-33	33	59.87	63.50	40	15	£15.12	£11.56
ZG14-34	34	61.69	65.31	40	15	£18.37	£14.05
ZG14-35	35	63.50	67.13	40	15	£18.50	£14.25
ZG14-36	36	65.31	68.94	50	15	£19.46	£14.95
ZG14-37	37	67.13	70.76	50	15	£19.94	£15.33
ZG14-38	38	68.94	72.57	50	15	£23.07	£17.67
ZG14-39	39	70.76	74.39	50	15	£23.56	£18.08
ZG14-40	40	72.57	76.20	50	15	£24.07	£18.47
ZG14-41	41	74.39	78.01	50	15	£24.10	£18.48
ZG14-42	42	76.20	79.83	50	15	£24.10	£18.49
ZG14-43	43	78.01	81.64	50	15	£24.13	£18.50
ZG14-44	44	79.83	83.46	50	15	£24.14	£18.52
ZG14-45	45	81.64	85.27	60	20	£24.58	£18.84
ZG14-46	46	83.46	87.09	60	20	£25.06	£19.21
ZG14-47	47	85.27	88.90	60	20	£25.77	£19.71
ZG14-48	48	87.09	90.71	60	20	£26.30	£20.15
ZG14-49	49	88.90	92.53	60	20	£29.07	£22.26
ZG14-50	50	90.71	94.34	60	20	£31.15	£23.87
ZG14-51	51	92.53	96.16	60	20	£32.03	£24.58
ZG14-52	52	94.34	97.97	60	20	£32.70	£25.08
ZG14-53	53	96.16	99.79	60	20	£33.24	£25.43
ZG14-54	54	97.97	101.06	80	20	£33.50	£25.74
ZG14-55	55	99.79	103.41	80	20	£33.75	£25.93
ZG14-56	56	101.60	105.23	80	20	£33.78	£25.95
ZG14-57	57	103.41	107.04	80	20	£34.17	£26.13
ZG14-58	58	105.23	108.86	80	20	£34.27	£26.33
ZG14-59	59	107.04	110.67	80	20	£38.28	£29.35
ZG14-60	60	108.86	112.49	80	20	£38.52	£29.60
ZG14-62	62	112.49	116.11	80	20	£39.22	£30.08
ZG14-64	64	116.11	119.74	80	20	£39.72	£30.46
ZG14-65	65	117.93	121.56	80	20	£44.79	£34.34
ZG14-66	66	119.74	123.37	80	20	£46.46	£35.59
ZG14-68	68	123.37	127.00	80	20	£47.51	£36.43
ZG14-70	70	127.00	130.63	100	20	£49.19	£37.75
ZG14-71	71	128.81	132.44	100	20	£50.59	£38.80
ZG14-72	72	130.63	134.26	100	20	£52.01	£39.92
ZG14-73	73	132.44	136.07	100	20	£53.23	£40.87
ZG14-74	74	134.26	137.89	100	20	£55.11	£42.25
ZG14-75	75	136.07	139.70	100	20	£55.46	£42.54
ZG14-76	76	137.89	141.51	100	20	£56.91	£42.64
ZG14-78	78	141.51	145.14	100	20	£58.40	£44.88
ZG14-80	80	145.14	148.77	100	20	£66.12	£50.75
ZG14-86	86	156.03	159.66	100	20	£71.07	£54.52
ZG14-90	90	163.29	166.91	100	20	£76.12	£58.40
ZG14-96	96	174.17	177.80	100	20	£87.96	£67.46
ZG14-98	98	177.80	181.43	100	20	£101.51	£78.45
ZG14-100	100	181.43	185.06	100	20	£115.25	£92.78
ZG14-105	105	190.50	194.13	100	20	£144.06	£121.60
ZG14-110	110	199.57	203.20	100	20	£167.66	£145.24
ZG14-115	115	208.64	212.27	100	20	£190.72	£168.24
ZG14-120	120	217.71	221.34	100	20	£217.62	£195.20

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

