

Spur Gears

Materials

Standard duty

STD : Steel 214M15/045M10

ALTERNATIVE : Brass, Tufnol or Delrin

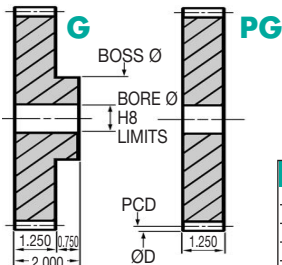
8 DP

20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm variations of back K.W.	214M15 303S21	214M15 Cse/HD	Brass	Tufnol
	94.000	446.000	47.000	37.000
	9.698	46.252	4.924	3.954



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
G8-9	9	1.250	1.500	1.500	0.625	£29.05	£25.18
G8-10	10	1.375	1.625	1.625	0.625	£29.07	£25.18
G8-11	11	1.500	1.750	1.750	0.625	£29.08	£25.21
G8-12	12	1.500	1.750	1.375	0.750	£29.10	£25.22
G8-13	13	1.625	1.875	1.375	0.750	£30.34	£26.55
G8-14	14	1.750	2.000	1.375	0.750	£31.42	£27.64
G8-15	15	1.875	2.125	1.375	0.750	£32.35	£30.05
G8-16	16	2.000	2.250	1.375	0.750	£34.39	£32.55
G8-17	17	2.125	2.375	1.375	0.750	£36.23	£33.50
G8-18	18	2.250	2.500	1.970	0.750	£38.28	£34.98
G8-19	19	2.375	2.625	1.970	0.750	£39.69	£36.23
G8-20	20	2.500	2.750	1.970	0.750	£40.98	£37.40
G8-21	21	2.625	2.875	1.970	0.750	£42.48	£38.04
G8-22	22	2.750	3.000	1.970	0.875	£44.14	£39.63
G8-23	23	2.875	3.125	1.970	0.875	£45.18	£40.84
G8-24	24	3.000	3.250	1.970	0.875	£46.51	£41.88
G8-25	25	3.125	3.375	1.970	0.875	£48.84	£42.87
G8-26	26	3.250	3.500	1.970	0.875	£49.27	£44.04
G8-27	27	3.375	3.625	1.970	0.875	£50.82	£45.08
G8-28	28	3.500	3.750	1.970	0.875	£52.02	£46.26
G8-29	29	3.625	3.875	1.970	0.875	£53.48	£47.44
G8-30	30	3.750	4.000	1.970	0.875	£54.83	£48.53
G8-31	31	3.875	4.125	1.970	0.875	£55.11	£48.71

Spur Gears Steel - Standard DP 8

23.144



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 (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1 - 5	
						G	PG
G8-32	32	4.000	4.250	2.375	0.875	£56.00	£48.90
G8-33	33	4.125	4.375	2.375	0.875	£56.34	£51.06
G8-34	34	4.250	4.500	2.375	0.875	£58.34	£53.14
G8-35	35	4.375	4.625	2.375	0.875	£60.81	£55.36
G8-36	36	4.500	4.750	2.375	0.875	£62.76	£60.79
G8-37	37	4.625	4.875	2.375	0.875	£71.14	£62.92
G8-38	38	4.750	5.000	2.375	0.875	£76.52	£65.04
G8-39	39	4.875	5.125	2.375	0.875	£84.13	£71.47
G8-40	40	5.000	5.250	2.375	0.875	£91.13	£77.44
G8-41	41	5.125	5.375	2.375	0.875	£95.93	£81.61
G8-42	42	5.250	5.500	2.375	0.875	£104.24	£86.32
G8-43	43	5.375	5.625	2.375	0.875	£106.21	£98.11
G8-44	44	5.500	5.750	2.375	0.875	£108.87	£92.49
G8-45	45	5.625	5.875	2.375	0.875	£111.20	£94.53
G8-46	46	5.750	6.000	2.375	0.875	£113.27	£96.27
G8-47	47	5.875	6.125	2.375	0.875	£119.29	£101.38
G8-48	48	6.000	6.250	2.375	0.875	£122.05	£103.72
G8-49	49	6.125	6.375	2.375	0.875	£128.19	£108.90
G8-50	50	6.250	6.500	2.375	0.875	£131.13	£111.44
G8-51	51	6.375	6.625	2.375	0.875	£134.38	£114.25
G8-52	52	6.500	6.750	2.375	0.875	£139.23	£118.34
G8-53	53	6.625	6.875	2.375	0.875	£141.41	£120.19
G8-54	54	6.750	7.000	2.375	0.875	£144.92	£123.17
G8-55	55	6.875	7.125	2.375	0.875	£147.79	£125.63
G8-56	56	7.000	7.250	2.375	0.875	£150.19	£127.68
G8-57	57	7.125	7.375	2.375	0.875	£155.81	£132.48
G8-58	58	7.250	7.500	2.375	0.875	£161.02	£136.85
G8-59	59	7.375	7.625	2.375	0.875	£162.02	£137.74
G8-60	60	7.500	7.750	2.375	0.875	£166.00	£141.10
G8-61	61	7.625	7.875	4.000	1.000	£170.30	£144.74
G8-62	62	7.750	8.000	4.000	1.000	£176.23	£149.76
G8-63	63	7.875	8.125	4.000	1.000	£179.81	£152.76
G8-64	64	8.000	8.250	4.000	1.000	£183.59	£156.03
G8-65	65	8.125	8.375	4.000	1.000	£207.98	£176.82
G8-68	68	8.500	8.750	4.000	1.000	£232.25	£196.51
G8-70	70	8.750	9.000	4.000	1.000	£233.09	£198.10
G8-72	72	9.000	9.250	4.000	1.000	£245.56	£208.67
G8-75	75	9.375	9.625	4.000	1.000	£258.00	£219.26
G8-76	76	9.500	9.750	4.000	1.000	£272.31	£231.43
G8-78	78	9.750	10.000	4.000	1.000	£285.33	£242.54
G8-80	80	10.000	10.250	4.000	1.000	£308.33	£262.04
G8-82	82	10.250	10.500	4.000	1.000	£327.38	£278.26
G8-84	84	10.500	10.750	4.000	1.000	£339.54	£288.61
G8-86	86	10.750	11.000	4.000	1.000	£350.10	£297.62
G8-88	88	11.000	11.250	4.000	1.000	£373.05	£317.07
G8-90	90	11.250	11.500	4.000	1.000	£387.98	£329.80

Spur Gears Steel - Standard Dp 8

Up to Ø750 mm

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)

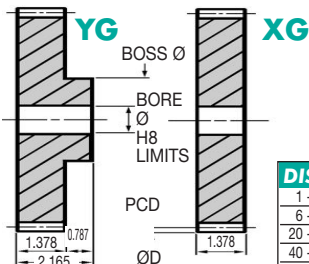
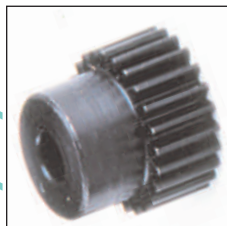
8 DP

20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm	655M13	655M13 Cse/HD	817M40	817M40 Ind/HD	
variations of back	TORQUE Nm.	223.000	615.000	223.000	325.000
	K.W.	23.126	64.156	23.126	33.570



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
YG8-9	9	1.250	1.500	1.500	0.625	£38.82	£29.05
YG8-10	10	1.375	1.625	1.625	0.625	£38.83	£29.07
YG8-11	11	1.500	1.750	1.750	0.625	£38.85	£29.08
YG8-12	12	1.500	1.750	1.750	0.750	£38.86	£29.10
YG8-13	13	1.625	1.875	1.772	0.750	£40.48	£30.34
YG8-14	14	1.750	2.000	1.772	0.750	£41.91	£31.42
YG8-15	15	1.875	2.125	1.772	0.750	£43.21	£32.35
YG8-16	16	2.000	2.250	1.772	0.750	£45.90	£34.39
YG8-17	17	2.125	2.375	1.772	0.750	£48.27	£36.23
YG8-18	18	2.250	2.500	1.772	0.750	£51.09	£38.28
YG8-19	19	2.375	2.625	1.772	0.750	£53.01	£39.69
YG8-20	20	2.500	2.750	1.772	0.750	£54.62	£40.98
YG8-21	21	2.625	2.875	1.772	0.750	£56.67	£42.48
YG8-22	22	2.750	3.000	2.362	0.875	£58.89	£44.14
YG8-23	23	2.875	3.125	2.362	0.875	£60.25	£45.18
YG8-24	24	3.000	3.250	2.362	0.875	£62.05	£46.51
YG8-25	25	3.125	3.375	2.362	0.875	£63.95	£47.92
YG8-26	26	3.250	3.500	2.362	0.875	£65.75	£49.27
YG8-27	27	3.375	3.625	2.362	0.875	£67.77	£50.82
YG8-28	28	3.500	3.750	2.362	0.875	£69.41	£52.02
YG8-29	29	3.625	3.875	2.362	0.875	£71.36	£53.46
YG8-30	30	3.750	4.000	2.362	0.875	£73.09	£54.83
YG8-31	31	3.875	4.125	2.362	0.875	£75.89	£56.90

Spur Gears Steel - Heavy Duty DP 8

23.146



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 (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1 - 5	
						YG	XG
YG8-32	32	4.000	4.250	2.953	0.875	£78.85	£59.12
YG8-33	33	4.125	4.375	2.953	0.875	£81.69	£61.26
YG8-34	34	4.250	4.500	2.953	0.875	£84.62	£63.43
YG8-35	35	4.375	4.625	2.953	0.875	£88.22	£66.12
YG8-36	36	4.500	4.750	2.953	0.875	£91.03	£68.20
YG8-37	37	4.625	4.875	2.953	0.875	£103.11	£77.31
YG8-38	38	4.750	5.000	2.953	0.875	£110.96	£83.18
YG8-39	39	4.875	5.125	2.953	0.875	£121.91	£91.44
YG8-40	40	5.000	5.250	2.953	0.875	£132.14	£99.07
YG8-41	41	5.125	5.375	2.953	0.875	£139.10	£104.25
YG8-42	42	5.250	5.500	3.937	0.875	£151.13	£113.31
YG8-43	43	5.375	5.625	3.937	0.875	£153.91	£115.44
YG8-44	44	5.500	5.750	3.937	0.875	£157.82	£116.23
YG8-45	45	5.625	5.875	3.937	0.875	£161.19	£120.86
YG8-46	46	5.750	6.000	3.937	0.875	£164.18	£123.13
YG8-47	47	5.875	6.125	3.937	0.875	£172.95	£129.66
YG8-48	48	6.000	6.250	3.937	0.875	£176.94	£132.67
YG8-49	49	6.125	6.375	3.937	0.875	£185.81	£139.31
YG8-50	50	6.250	6.500	3.937	0.875	£190.06	£142.55
YG8-51	51	6.375	6.625	3.937	0.875	£194.85	£146.11
YG8-52	52	6.500	6.750	3.937	0.875	£201.80	£151.34
YG8-53	53	6.625	6.875	3.937	0.875	£204.97	£153.73
YG8-54	54	6.750	7.000	5.000	0.875	£210.05	£157.53
YG8-55	55	6.875	7.125	5.000	0.875	£214.18	£160.65
YG8-56	56	7.000	7.250	5.000	0.875	£217.72	£163.25
YG8-57	57	7.125	7.375	5.000	0.875	£225.85	£169.37
YG8-58	58	7.250	7.500	5.000	0.875	£233.32	£175.01
YG8-59	59	7.375	7.625	5.000	0.875	£234.86	£176.14
YG8-60	60	7.500	7.750	5.000	0.875	£240.64	£180.42
YG8-61	61	7.625	7.875	5.000	0.875	£246.86	£185.13
YG8-62	62	7.750	8.000	5.000	0.875	£255.48	£191.60
YG8-63	63	7.875	8.125	5.000	0.875	£260.59	£195.43
YG8-64	64	8.000	8.250	5.000	0.875	£266.08	£199.44
YG8-65	65	8.125	8.375	5.906	1.000	£301.51	£226.10
YG8-68	68	8.500	8.750	5.906	1.000	£335.16	£251.37
YG8-70	70	8.750	9.000	5.906	1.000	£337.88	£253.38
YG8-72	72	9.000	9.250	5.906	1.000	£355.82	£266.88
YG8-75	75	9.375	9.625	5.906	1.000	£373.89	£280.42
YG8-76	76	9.500	9.750	5.906	1.000	£394.59	£295.96
YG8-78	78	9.750	10.000	5.906	1.000	£413.60	£310.19
YG8-80	80	10.000	10.250	5.906	1.000	£446.94	£335.16
YG8-82	82	10.250	10.500	5.906	1.000	£474.50	£355.83
YG8-84	84	10.500	10.750	5.906	1.000	£492.14	£369.06
YG8-86	86	10.750	11.000	5.906	1.000	£507.48	£380.57
YG8-88	88	11.000	11.250	5.906	1.000	£540.70	£405.50
YG8-90	90	11.250	11.500	5.906	1.000	£562.31	£421.73
Up to Ø750 mm							

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

8 DP

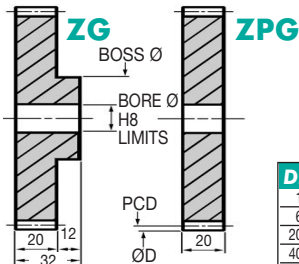
20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm		
variations at back	TORQUE Nm.	18.00

Spur Gears Plastic - Fully Machined DP 8



Popular sizes in stock.

Any two part numbers of this pitch will run together.

DISCOUNTS

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

PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG8-9	9	1.250	1.500	36	12	£12.32	£8.66
ZG8-10	10	1.375	1.625	36	12	£12.33	£8.67
ZG8-11	11	1.500	1.750	36	12	£12.34	£8.73
ZG8-12	12	1.500	1.750	36	15	£12.39	£8.73
ZG8-13	13	1.625	1.875	36	15	£12.39	£9.47
ZG8-14	14	1.750	2.000	36	15	£12.79	£9.82
ZG8-15	15	1.875	2.125	40	15	£13.19	£10.09
ZG8-16	16	2.000	2.250	40	15	£16.85	£12.93
ZG8-17	17	2.125	2.375	40	15	£17.78	£13.61
ZG8-18	18	2.250	2.500	40	15	£21.30	£16.29
ZG8-19	19	2.375	2.625	40	15	£22.05	£16.93
ZG8-20	20	2.500	2.750	40	15	£22.78	£17.48
ZG8-21	21	2.625	2.875	40	15	£23.60	£18.10
ZG8-22	22	2.750	3.000	40	15	£26.01	£19.95
ZG8-23	23	2.875	3.125	40	15	£26.61	£20.37
ZG8-24	24	3.000	3.250	40	15	£27.40	£21.01
ZG8-25	25	3.125	3.375	40	15	£28.26	£21.65
ZG8-26	26	3.250	3.500	50	20	£29.05	£22.29
ZG8-27	27	3.375	3.625	50	20	£33.31	£25.52
ZG8-28	28	3.500	3.750	50	20	£34.06	£26.13
ZG8-29	29	3.625	3.875	50	20	£35.06	£26.89
ZG8-30	30	3.750	4.000	50	20	£39.53	£30.34
ZG8-31	31	3.875	4.125	50	20	£40.99	£31.43

23.148



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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						ZG	ZPG
ZG8-32	32	4.000	4.250	50	20	£42.61	£32.67
ZG8-33	33	4.125	4.375	50	20	£44.14	£33.88
ZG8-34	34	4.250	4.500	50	20	£45.71	£35.06
ZG8-35	35	4.375	4.625	50	20	£47.66	£36.58
ZG8-36	36	4.500	4.750	50	20	£53.64	£41.16
ZG8-37	37	4.625	4.875	50	20	£60.81	£46.61
ZG8-38	38	4.750	5.000	50	20	£65.46	£50.19
ZG8-39	39	4.875	5.125	50	20	£77.93	£59.75
ZG8-40	40	5.000	5.250	50	20	£81.14	£64.81
ZG8-41	41	5.125	5.375	50	20	£88.89	£67.88
ZG8-42	42	5.250	5.500	60	20	£96.59	£74.10
ZG8-43	43	5.375	5.625	60	20	£98.42	£75.48
ZG8-44	44	5.500	5.750	60	20	£100.92	£77.41
ZG8-45	45	5.625	5.875	60	20	£103.05	£79.05
ZG8-46	46	5.750	6.000	60	20	£104.95	£80.51
ZG8-47	47	5.875	6.125	60	20	£110.55	£84.79
ZG8-48	48	6.000	6.250	60	20	£113.08	£86.78
ZG8-49	49	6.125	6.375	60	20	£137.09	£105.15
ZG8-50	50	6.250	6.500	60	20	£140.24	£107.60
ZG8-51	51	6.375	6.625	60	20	£143.70	£110.28
ZG8-52	52	6.500	6.750	60	20	£148.93	£114.25
ZG8-53	53	6.625	6.875	60	20	£151.21	£116.04
ZG8-54	54	6.750	7.000	70	20	£154.95	£118.95
ZG8-55	55	6.875	7.125	70	20	£158.00	£121.22
ZG8-56	56	7.000	7.250	70	20	£160.62	£121.56
ZG8-57	57	7.125	7.375	70	20	£166.64	£127.84
ZG8-58	58	7.250	7.500	70	20	£172.14	£132.14
ZG8-59	59	7.375	7.625	70	20	£173.28	£132.93
ZG8-60	60	7.500	7.750	70	20	£175.36	£136.61
ZG8-61	61	7.625	7.875	70	20	£182.12	£139.78
ZG8-62	62	7.750	8.000	70	20	£207.28	£159.07
ZG8-63	63	7.875	8.125	70	20	£211.51	£161.29
ZG8-64	64	8.000	8.250	70	20	£215.98	£165.70
ZG8-65	65	8.125	8.375	70	20	£245.66	£187.73
ZG8-68	68	8.500	8.750	70	20	£271.97	£208.69
ZG8-70	70	8.750	9.000	70	20	£293.89	£230.58

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.

