

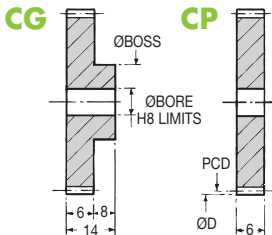
# Pinions Circular Pitch

## Materials

### 0.100" Pitch

STD : Steel 214M15/045M10

ALTERNATIVES : Brass, Tufnol or Delrin



To run with  
C.P. Racks

20° Pressure Angle

Approximate Tooth Size

Special numbers  
of teeth available  
between 20 - 150

TORQUE CHECK variations at back	50 TEETH x 1000 R.P.M. INPUT			
	214M15/045M10 303S31	214M15/045M10 Cse/HD	Brass	Tufnol
<b>TORQUE Nm</b>	1.000	5.000	0.540	0.450
<b>K.W.</b>	0.104	0.522	0.060	0.045

DISCOUNTS	
1 - 5	List Price
6 - 19	- 12%
20 - 39	- 25%
40 - 59	- 33%
60 - 99	- 37%
100 - 200	- 42%

Pinions & Shafts Steel PITCH 0.100"

PART NUMBER	TEETH	PCD	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	PRICE EACH 1-5	
						CG	CP
CG10-10	10	8.89	10.51	10.51	4	£10.12	£9.49
CG10-15	15	12.94	14.55	14.55	5	£10.19	£9.60
CG10-20	20	16.17	17.79	15.00	5	£10.72	£10.28
CG10-25	25	20.21	21.83	15.00	5	£11.48	£11.15
CG10-30	30	24.26	25.87	18.00	6	£12.15	£11.93
CG10-35	35	28.30	29.91	18.00	6	£13.46	£12.83
CG10-40	40	32.34	33.96	18.00	6	£14.51	£13.64
CG10-45	45	36.38	38.00	18.00	6	£15.41	£14.36
CG10-50	50	40.43	42.04	18.00	6	£16.44	£14.96
CG10-55	55	44.47	46.08	25.00	8	£16.72	£15.49
CG10-60	60	48.51	50.13	25.00	8	£16.94	£16.13
CG10-65	65	52.55	54.17	25.00	8	£19.25	£16.78
CG10-70	70	56.60	58.21	25.00	8	£19.77	£17.51
CG10-75	75	60.64	62.26	25.00	8	£21.15	£18.29
CG10-80	80	64.68	66.30	25.00	8	£22.85	£19.07
CG10-85	85	68.72	70.34	25.00	8	£24.61	£19.62
CG10-90	90	72.77	74.38	25.00	8	£25.66	£20.08
CG10-95	95	76.81	78.43	25.00	8	£27.39	£20.73
CG10-100	100	80.85	82.47	25.00	8	£28.34	£21.32
CG10-110	110	88.94	90.55	25.00	8	£29.38	£22.45
CG10-120	120	97.02	98.64	25.00	8	£33.58	£25.21
CG10-150	150	121.28	122.89	25.00	8	£48.08	£40.15

