

# Crossed Helical Gears Materials

Steel Crossed Axis @ 90° STD : Steel 214M15/045M10

6 DP 45° H.A. ALTERNATIVE : Brass, Tufnol or Delrin

20° P.A. SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm	214M15 303S21	214M15 Cse/HD	Brass	Tufnol	
variations at back	<b>TORQUE Nm.</b>	42.338	278.485	21.169	15.121
	<b>K.W.</b>	4.436	29.184	2.218	1.584

RH 45°

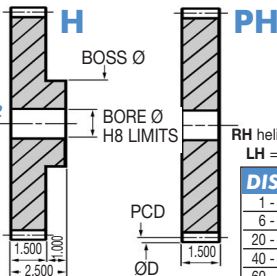


LH available  
on request.

RH 45°

RH runs with RH  
Popular sizes in stock.

Any two part numbers of this pitch will run together.



RH helix is standard.  
LH = price + 33%.

## DISCOUNTS

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

PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1 - 5	
						H	PH
H6-9	9	2.357	2.690	1.750	1.000	£42.20	£38.04
H6-10	10	2.357	2.690	1.750	1.000	£52.47	£45.54
H6-11	11	2.593	2.926	1.750	1.000	£61.46	£48.79
H6-12	12	2.828	3.162	2.000	1.250	£67.19	£57.12
H6-13	13	3.064	3.397	2.000	1.250	£73.88	£62.76
H6-14	14	3.300	3.633	2.000	1.250	£75.66	£64.28
H6-15	15	3.536	3.869	2.500	1.500	£86.36	£73.35
H6-16	16	3.771	4.105	2.500	1.500	£90.86	£77.24
H6-17	17	4.007	4.340	2.500	1.500	£99.00	£84.16
H6-18	18	4.243	4.576	2.500	1.500	£103.02	£85.88
H6-19	19	4.478	4.812	2.500	1.500	£109.61	£90.42
H6-20	20	4.714	5.047	3.000	1.500	£112.68	£95.77
H6-21	21	4.950	5.283	3.000	1.500	£119.39	£101.46
H6-22	22	5.185	5.519	3.000	1.500	£138.86	£118.03
H6-23	23	5.421	5.754	3.000	1.500	£145.33	£123.51
H6-24	24	5.657	5.990	3.000	1.500	£148.55	£126.27
H6-25	25	5.893	6.226	3.000	1.500	£154.64	£131.46
H6-26	26	6.128	6.462	3.000	1.500	£160.41	£136.32
H6-27	27	6.364	6.697	4.000	1.500	£184.14	£156.96
H6-28	28	6.600	6.933	4.000	1.500	£191.52	£162.72
H6-29	29	6.835	7.169	4.000	1.500	£193.42	£164.46
H6-30	30	7.071	7.404	4.000	1.500	£209.19	£177.83
H6-31	31	7.307	7.640	4.000	1.500	£215.60	£183.19

Helical Gears Crossed Axis Steel DP 6

25.78



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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1 - 5	
						H	PH
H6-32	32	7.542	7.876	4.000	1.500	£232.37	£197.50
H6-33	33	7.778	8.112	6.000	1.500	£246.34	£209.38
H6-34	34	8.014	8.347	6.000	1.500	£256.66	£218.11
H6-35	35	8.250	8.583	6.000	1.500	£265.49	£225.64
H6-36	36	8.485	8.819	6.000	1.500	£289.39	£245.96
H6-37	37	8.721	9.054	6.000	1.500	£302.13	£256.79
H6-38	38	8.957	9.290	6.000	1.500	£308.43	£272.72
H6-39	39	9.192	9.526	6.000	1.500	£320.86	£281.59
H6-40	40	9.428	9.761	6.000	1.500	£327.56	£292.03
H6-41	41	9.664	9.997	6.000	1.500	£331.37	£298.70
H6-42	42	9.899	10.233	6.000	1.500	£351.44	£358.99
H6-43	43	10.135	10.469	6.000	1.500	£418.82	£364.97
H6-44	44	10.371	10.704	6.000	1.500	£429.41	£386.52
H6-45	45	10.607	10.940	6.000	1.500	£437.72	£398.80
H6-46	46	10.842	11.176	6.000	1.500	£469.12	£408.10
H6-47	47	11.078	11.411	6.000	1.500	£484.66	£417.24
H6-48	48	11.314	11.647	6.000	1.500	£513.34	£427.40
H6-49	49	11.549	11.883	6.000	1.500	£542.57	£437.93
H6-50	50	11.785	12.118	6.000	1.500	£571.84	£445.53
H6-51	51	12.021	12.354	8.000	1.500	£601.08	£454.99
H6-52	52	12.257	12.590	8.000	1.500	£627.06	£467.80
H6-53	53	12.492	12.826	8.000	1.500	£646.57	£475.82
H6-54	54	12.728	13.061	8.000	1.500	£662.81	£486.49
H6-55	55	12.964	13.297	8.000	1.500	£692.06	£496.75
H6-56	56	13.199	13.533	8.000	1.500	£718.03	£509.50
H6-57	57	13.435	13.768	8.000	1.500	£753.80	£518.46
H6-58	58	13.671	14.004	8.000	1.500	£789.58	£532.69
H6-59	59	13.906	14.240	8.000	1.500	£809.02	£540.61
H6-60	60	14.142	14.475	8.000	1.500	£822.10	£550.39

**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.*

