

Crossed Helical Gears Materials

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

8 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	TORQUE Nm.	18.918	124.127	9.459	6.746
	K.W.	1.982	13.008	0.991	0.707



RH 45°



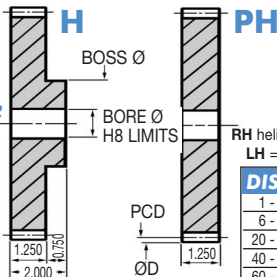
LH available
on request.

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
H8-9	9	1.768	2.018	1.375	0.750	£36.21	£26.69
H8-10	10	1.768	2.018	1.375	0.750	£36.23	£26.71
H8-11	11	1.945	2.195	1.500	0.750	£38.28	£26.80
H8-12	12	2.121	2.371	1.625	1.000	£39.69	£33.50
H8-13	13	2.298	2.548	1.750	1.000	£42.48	£36.23
H8-14	14	2.475	2.725	2.000	1.000	£44.14	£37.40
H8-15	15	2.652	2.902	2.000	1.000	£46.51	£39.63
H8-16	16	2.828	3.078	2.000	1.000	£47.92	£40.84
H8-17	17	3.005	3.255	2.000	1.000	£49.27	£41.88
H8-18	18	3.182	3.432	2.000	1.000	£52.02	£44.04
H8-19	19	3.359	3.609	2.000	1.000	£53.48	£45.08
H8-20	20	3.536	3.786	2.000	1.000	£56.90	£48.05
H8-21	21	3.712	3.962	2.000	1.000	£59.12	£48.53
H8-22	22	3.889	4.139	2.000	1.000	£63.43	£53.15
H8-23	23	4.066	4.316	2.000	1.000	£66.12	£55.50
H8-24	24	4.243	4.493	2.500	1.250	£68.06	£57.76
H8-25	25	4.419	4.669	2.500	1.250	£68.20	£57.99
H8-26	26	4.596	4.846	2.500	1.250	£77.31	£65.70
H8-27	27	4.773	5.023	2.500	1.250	£91.44	£77.70
H8-28	28	4.950	5.200	2.500	1.250	£99.07	£84.17
H8-29	29	5.127	5.377	2.500	1.250	£104.25	£88.72
H8-30	30	5.303	5.553	2.500	1.250	£115.44	£98.11
H8-31	31	5.480	5.730	2.500	1.250	£118.36	£100.56

Helical Gears Crossed Axis Steel DP 8

25.74



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1 - 5	
						H	PH
H8-32	32	5.657	5.907	2.500	1.250	£123.13	£104.65
H8-33	33	5.834	6.084	2.500	1.250	£129.66	£110.20
H8-34	34	6.010	6.260	2.500	1.250	£139.31	£118.44
H8-35	35	6.187	6.437	2.500	1.250	£142.55	£121.15
H8-36	36	6.364	6.614	4.000	1.250	£146.11	£124.18
H8-37	37	6.541	6.791	4.000	1.250	£153.73	£130.63
H8-38	38	6.718	6.968	4.000	1.250	£157.53	£133.91
H8-39	39	6.894	7.144	4.000	1.250	£163.25	£138.81
H8-40	40	7.071	7.321	4.000	1.250	£169.37	£143.98
H8-41	41	7.248	7.498	4.000	1.250	£175.01	£148.73
H8-42	42	7.425	7.675	4.000	1.250	£180.42	£153.39
H8-43	43	7.601	7.851	4.000	1.250	£185.13	£157.35
H8-44	44	7.778	8.028	4.000	1.250	£195.43	£166.06
H8-45	45	7.955	8.205	4.000	1.250	£199.56	£169.57
H8-46	46	8.132	8.382	4.000	1.250	£250.17	£212.51
H8-47	47	8.309	8.559	4.000	1.250	£250.72	£212.92
H8-48	48	8.485	8.735	6.000	1.250	£251.37	£213.61
H8-49	49	8.662	8.912	6.000	1.250	£253.38	£215.36
H8-50	50	8.839	9.089	6.000	1.250	£266.88	£226.80
H8-51	51	9.016	9.266	6.000	1.250	£279.53	£231.85
H8-52	52	9.192	9.442	6.000	1.250	£279.98	£238.35
H8-53	53	9.369	9.619	6.000	1.250	£280.42	£248.10
H8-54	54	9.546	9.796	6.000	1.250	£309.89	£263.64
H8-55	55	9.723	9.973	6.000	1.250	£310.19	£274.37
H8-56	56	9.899	10.149	6.000	1.250	£335.16	£284.88
H8-57	57	10.076	10.326	6.000	1.250	£355.46	£295.96
H8-58	58	10.253	10.503	6.000	1.250	£355.83	£302.45
H8-59	59	10.430	10.680	6.000	1.250	£369.06	£313.72
H8-60	60	10.607	10.857	6.000	1.250	£380.57	£323.52
H8-61	61	10.783	11.033	6.000	1.250	£400.12	£338.20
H8-62	62	10.960	11.210	6.000	1.250	£405.50	£344.65
H8-63	63	11.137	11.387	6.000	1.250	£421.73	£358.44
H8-64	64	11.314	11.564	6.000	1.250	£438.02	£372.48
H8-65	65	11.490	11.740	6.000	1.250	£450.62	£384.11
H8-68	68	12.021	12.271	6.000	1.250	£469.82	£403.76
H8-70	70	12.374	12.624	6.000	1.250	£486.68	£420.29

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.



Crossed Helical Gears Materials

Plastic Crossed Axis @ 90°

STD : White Delrin
(fully machined)

8 DP

45° H.A.
20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 5.00

RH 45°

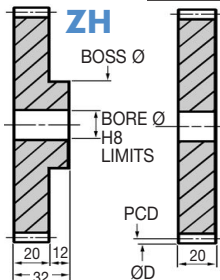


LH available on request.

RH 45°

RH runs with RH
Popular sizes in stock.

Any two part numbers of this pitch will run together.



ZPH

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

DISCOUNTS

Quantity	Discount
1 - 5	List Price
6 - 29	- 22%
30 - 99	- 44%
100 - 399	- 47%
400 - 999	- 50%
1000 - 5000	- 53%

Helical Gears Crossed Axis Plastic DP 8

PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (mm)	PRICE EACH 1 - 5	
						ZH	ZPH
ZH8-9	9	1.768	2.018	1.417	15	£27.39	£20.94
ZH8-10	10	1.768	2.018	1.574	15	£27.40	£20.96
ZH8-11	11	1.945	2.195	1.574	15	£28.97	£22.20
ZH8-12	12	2.121	2.371	1.574	15	£34.02	£26.09
ZH8-13	13	2.298	2.548	1.889	15	£36.36	£27.91
ZH8-14	14	2.475	2.725	1.889	15	£37.85	£28.99
ZH8-15	15	2.652	2.902	1.889	15	£39.91	£30.55
ZH8-16	16	2.828	3.078	1.889	15	£43.53	£33.35
ZH8-17	17	3.005	3.255	1.889	15	£44.73	£34.29
ZH8-18	18	3.182	3.432	1.889	15	£47.27	£36.24
ZH8-19	19	3.359	3.609	2.362	20	£48.55	£37.29
ZH8-20	20	3.536	3.786	2.362	20	£54.69	£39.63
ZH8-21	21	3.712	3.962	2.362	20	£65.62	£50.34
ZH8-22	22	3.889	4.139	2.362	20	£70.39	£53.96
ZH8-23	23	4.066	4.316	2.362	20	£73.39	£56.32
ZH8-24	24	4.243	4.493	2.362	20	£75.59	£57.96
ZH8-25	25	4.419	4.669	2.362	20	£75.74	£58.07
ZH8-26	26	4.596	4.846	2.362	20	£85.80	£65.84
ZH8-27	27	4.773	5.023	2.362	20	£110.70	£84.95
ZH8-28	28	4.950	5.200	2.362	20	£129.97	£99.71
ZH8-29	29	5.127	5.377	2.362	20	£136.85	£104.99
ZH8-30	30	5.303	5.553	2.362	20	£151.48	£116.22
ZH8-31	31	5.480	5.730	2.362	20	£155.30	£119.13

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						ZH	ZPH
ZH8-32	32	5.657	5.907	2.362	20	£161.49	£123.94
ZH8-33	33	5.834	6.084	2.362	20	£170.16	£130.51
ZH8-34	34	6.010	6.260	2.362	20	£182.80	£140.27
ZH8-35	35	6.187	6.437	2.362	20	£215.78	£165.57
ZH8-36	36	6.364	6.614	2.362	20	£221.13	£169.68
ZH8-37	37	6.541	6.791	2.362	20	£232.70	£178.56
ZH8-38	38	6.718	6.968	2.362	20	£238.47	£183.03
ZH8-39	39	6.894	7.144	2.362	20	£247.12	£189.62
ZH8-40	40	7.071	7.321	3.149	20	£256.41	£196.75
ZH8-41	41	7.248	7.498	3.149	20	£264.89	£203.31
ZH8-42	42	7.425	7.675	3.149	20	£273.31	£209.70
ZH8-43	43	7.601	7.851	3.149	20	£280.24	£215.05
ZH8-44	44	7.778	8.028	3.149	20	£325.02	£249.35
ZH8-45	45	7.955	8.205	3.149	20	£325.42	£249.78

Up to Ø750 mm

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