

Crossed Helical Gears Materials

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

10 DP

45° H.A.

20° P.A.

ALTERNATIVE : Brass, Tufnol or Delrin

SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm	214M15 303S21	214M15 Cse/HD	Brass	Tufnol	
variations at back	TORQUE Nm.	10.129	66.560	5.064	3.617
	K.W.	1.062	6.975	0.5304	0.229

RH 45°

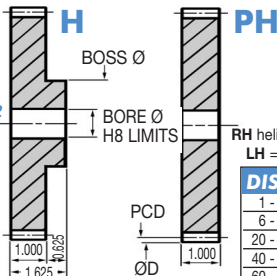


LH available
on request.

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
H10-9	9	1.414	1.614	1.000	0.625	£26.71	£16.22
H10-10	10	1.414	1.614	1.000	0.625	£26.80	£19.04
H10-11	11	1.556	1.756	1.250	0.625	£28.39	£20.87
H10-12	12	1.697	1.897	1.375	0.750	£29.07	£20.92
H10-13	13	1.838	2.038	1.375	0.750	£30.79	£23.42
H10-14	14	1.980	2.180	1.375	0.750	£31.91	£24.45
H10-15	15	2.121	2.321	1.500	0.750	£33.85	£26.32
H10-16	16	2.263	2.463	1.500	0.750	£34.93	£27.21
H10-17	17	2.404	2.604	1.500	0.750	£35.71	£28.13
H10-18	18	2.546	2.746	1.500	0.875	£37.67	£30.00
H10-19	19	2.687	2.887	1.500	0.875	£38.65	£30.79
H10-20	20	2.828	3.028	1.970	0.875	£40.68	£32.78
H10-21	21	2.970	3.170	1.970	0.875	£41.47	£33.72
H10-22	22	3.111	3.311	1.970	0.875	£44.27	£37.21
H10-23	23	3.253	3.453	1.970	0.875	£45.08	£38.40
H10-24	24	3.394	3.594	1.970	0.875	£45.93	£40.68
H10-25	25	3.536	3.736	1.970	0.875	£49.72	£44.16
H10-26	26	3.677	3.877	1.970	0.875	£50.89	£45.21
H10-27	27	3.818	4.018	2.375	0.875	£51.93	£47.01
H10-28	28	3.960	4.160	2.375	0.875	£52.47	£47.66
H10-29	29	4.101	4.301	2.375	0.875	£54.61	£49.27
H10-30	30	4.243	4.443	2.375	0.875	£58.18	£51.93
H10-31	31	4.384	4.584	2.375	0.875	£59.35	£52.82

Helical Gears Crossed Axis Steel DP 10

25.70



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
H10-32	32	4.525	4.725	2.375	0.875	£62.64	£55.26
H10-33	33	4.667	4.867	2.375	0.875	£64.17	£56.12
H10-34	34	4.808	5.008	2.375	0.875	£65.57	£57.66
H10-35	35	4.950	5.150	2.375	0.875	£69.19	£60.98
H10-36	36	5.091	5.291	2.375	0.875	£69.75	£61.80
H10-37	37	5.233	5.433	2.375	0.875	£71.36	£63.49
H10-38	38	5.374	5.574	2.375	0.875	£76.17	£64.34
H10-39	39	5.515	5.715	2.375	0.875	£80.67	£68.15
H10-40	40	5.657	5.857	2.375	0.875	£81.94	£68.84
H10-41	41	5.798	5.998	2.375	0.875	£83.61	£69.42
H10-42	42	5.940	6.140	4.000	0.875	£85.85	£70.88
H10-43	43	6.081	6.281	4.000	0.875	£96.38	£75.89
H10-44	44	6.223	6.423	4.000	0.875	£110.22	£81.22
H10-45	45	6.364	6.564	4.000	0.875	£110.35	£81.33
H10-46	46	6.505	6.705	4.000	0.875	£117.63	£84.80
H10-47	47	6.647	6.847	4.000	0.875	£135.04	£94.08
H10-48	48	6.788	6.988	4.000	0.875	£135.14	£94.14
H10-49	49	6.930	7.130	4.000	0.875	£142.22	£98.71
H10-50	50	7.071	7.271	4.000	0.875	£147.85	£100.62
H10-51	51	7.212	7.412	4.000	0.875	£167.15	£105.11
H10-52	52	7.354	7.554	4.000	0.875	£173.76	£109.60
H10-53	53	7.495	7.695	4.000	0.875	£180.41	£112.60
H10-54	54	7.637	7.837	4.000	0.875	£190.16	£133.31
H10-55	55	7.778	7.978	4.000	0.875	£190.43	£132.29
H10-56	56	7.920	8.120	5.000	1.000	£193.82	£138.65
H10-57	57	8.061	8.261	5.000	1.000	£194.53	£157.72
H10-58	58	8.202	8.402	5.000	1.000	£195.76	£158.00
H10-59	59	8.344	8.544	5.000	1.000	£196.46	£161.11
H10-60	60	8.485	8.685	5.000	1.000	£197.53	£166.13
H10-62	62	8.768	8.968	5.000	1.000	£216.05	£172.85
H10-64	64	9.051	9.251	5.000	1.000	£241.09	£195.08
H10-65	65	9.192	9.392	5.000	1.000	£242.26	£198.57
H10-66	66	9.334	9.534	5.000	1.000	£243.90	£203.45
H10-68	68	9.617	9.817	5.000	1.000	£245.96	£206.53
H10-70	70	9.899	10.099	5.000	1.000	£263.33	£210.62
H10-71	71	10.041	10.241	5.000	1.000	£275.93	£231.14
H10-72	72	10.182	10.382	5.000	1.000	£285.71	£239.55
H10-73	73	10.324	10.524	5.000	1.000	£288.07	£244.21
H10-74	74	10.465	10.665	5.000	1.000	£288.92	£248.36
H10-75	75	10.607	10.807	5.000	1.000	£311.59	£252.40
H10-76	76	10.748	10.948	5.000	1.000	£315.57	£256.01
H10-78	78	11.031	11.231	5.000	1.000	£358.69	£260.43
H10-80	80	11.314	11.514	5.000	1.000	£386.61	£279.37

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)

10 DP

45° H.A.
20° P.A.

SPECIALS : up to Ø750 mm



RH 45°



LH available
on request.

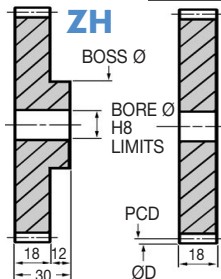
RH 45°

RH runs with RH
Popular sizes in stock.

Any two part numbers of this pitch will run together.

SPECIALS
ON DEMAND

TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 3.00



ZPH

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

DISCOUNTS

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

PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (mm)	PRICE EACH 1 - 5	ZH	ZPH
ZH10-9	9	1.414	1.614	1.181	12	£14.76	£11.30	
ZH10-10	10	1.414	1.614	1.181	12	£14.78	£11.34	
ZH10-11	11	1.556	1.756	1.181	12	£15.71	£12.06	
ZH10-12	12	1.697	1.897	1.181	12	£21.98	£16.81	
ZH10-13	13	1.838	2.038	1.417	12	£23.30	£17.87	
ZH10-14	14	1.980	2.180	1.417	12	£24.13	£18.48	
ZH10-15	15	2.121	2.321	1.417	12	£28.97	£22.26	
ZH10-16	16	2.263	2.463	1.417	12	£29.93	£22.94	
ZH10-17	17	2.404	2.604	1.417	12	£30.72	£23.53	
ZH10-18	18	2.546	2.746	1.417	12	£32.27	£24.73	
ZH10-19	19	2.687	2.887	1.417	12	£35.11	£26.93	
ZH10-20	20	2.828	3.028	1.771	15	£36.97	£28.28	
ZH10-21	21	2.970	3.170	1.771	15	£37.68	£28.89	
ZH10-22	22	3.111	3.311	1.771	15	£38.77	£30.78	
ZH10-23	23	3.253	3.453	1.771	15	£40.93	£31.35	
ZH10-24	24	3.394	3.594	1.771	15	£46.34	£35.58	
ZH10-25	25	3.536	3.736	1.771	15	£50.10	£38.47	
ZH10-26	26	3.677	3.877	1.968	17	£51.37	£39.36	
ZH10-27	27	3.818	4.018	1.968	17	£57.62	£44.16	
ZH10-28	28	3.960	4.160	1.968	17	£58.22	£44.67	
ZH10-29	29	4.101	4.301	1.968	17	£60.59	£46.51	
ZH10-30	30	4.243	4.443	1.968	17	£64.56	£48.01	
ZH10-31	31	4.384	4.584	1.968	17	£65.87	£50.58	

Helical Gears Crossed Axis Plastic DP 10

25.72



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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (mm)	PRICE EACH 1 - 5	
						ZH	ZPH
ZH10-32	32	4.525	4.725	1.968	17	£75.87	£58.20
ZH10-33	33	4.667	4.867	1.968	17	£77.72	£59.63
ZH10-34	34	4.808	5.008	1.968	17	£79.43	£60.91
ZH10-35	35	4.950	5.150	1.968	17	£82.75	£64.26
ZH10-36	36	5.091	5.291	1.968	17	£84.49	£64.82
ZH10-37	37	5.233	5.433	1.968	17	£86.42	£66.26
ZH10-38	38	5.374	5.574	1.968	17	£87.41	£67.01
ZH10-39	39	5.515	5.715	1.968	17	£101.25	£76.12
ZH10-40	40	5.657	5.857	2.559	20	£107.40	£82.42
ZH10-41	41	5.798	5.998	2.559	20	£122.74	£84.15
ZH10-42	42	5.940	6.140	2.559	20	£145.87	£86.45
ZH10-43	43	6.081	6.281	2.559	20	£166.76	£112.00
ZH10-44	44	6.223	6.423	2.559	20	£167.02	£127.73
ZH10-45	45	6.364	6.564	2.559	20	£178.10	£128.15
ZH10-46	46	6.505	6.705	2.559	20	£204.15	£136.63
ZH10-47	47	6.647	6.847	2.559	20	£204.60	£155.97
ZH10-48	48	6.788	6.988	2.559	20	£215.31	£156.99
ZH10-49	49	6.930	7.130	2.559	20	£223.83	£165.21
ZH10-50	50	7.071	7.271	2.559	20	£253.04	£171.73
ZH10-51	51	7.212	7.412	2.559	20	£263.04	£194.52
ZH10-52	52	7.354	7.554	2.559	20	£273.08	£201.80
ZH10-53	53	7.495	7.695	2.559	20	£286.21	£209.52
ZH10-54	54	7.637	7.837	2.559	20	£287.49	£220.90
ZH10-55	55	7.778	7.978	2.559	20	£288.28	£221.18

Up to Ø750 mm

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

