

Crossed Helical Gears Materials

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

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

20° P.A. SPECIAL TEETH : between 9 - 200

TORQUE CHECK 50 teeth x 1000 rpm	214M15 303S21	214M15 Cse/HD	Brass	Tufnol	
variations at back	TORQUE Nm.	0.390	2.559	0.195	0.139
	K.W.	0.041	0.269	0.020	0.014



RH 45°



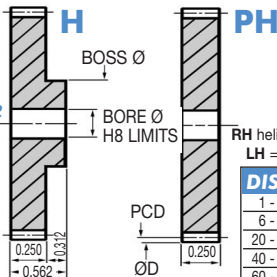
LH available
on request.

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
H32-9	9	0.442	0.504	0.468	0.250	£12.43	£9.72
H32-10	10	0.442	0.504	0.468	0.250	£12.44	£9.94
H32-11	11	0.486	0.549	0.468	0.250	£13.19	£10.30
H32-12	12	0.530	0.593	0.500	0.250	£13.31	£10.32
H32-13	13	0.575	0.637	0.500	0.250	£13.61	£10.72
H32-14	14	0.619	0.681	0.500	0.250	£13.75	£10.82
H32-15	15	0.663	0.725	0.500	0.250	£13.99	£11.21
H32-16	16	0.707	0.770	0.500	0.250	£14.15	£11.35
H32-17	17	0.751	0.814	0.500	0.250	£14.33	£11.49
H32-18	18	0.795	0.858	0.500	0.312	£14.72	£11.81
H32-19	19	0.840	0.902	0.500	0.312	£14.82	£11.91
H32-20	20	0.884	0.946	0.625	0.312	£15.02	£12.22
H32-21	21	0.928	0.991	0.625	0.312	£15.14	£12.34
H32-22	22	0.972	1.035	0.625	0.312	£15.33	£12.50
H32-23	23	1.016	1.079	0.625	0.312	£15.49	£12.68
H32-24	24	1.061	1.123	0.625	0.312	£15.55	£12.69
H32-25	25	1.105	1.167	0.625	0.375	£15.70	£12.83
H32-26	26	1.149	1.212	0.625	0.375	£15.76	£12.93
H32-27	27	1.193	1.256	0.750	0.375	£15.77	£13.00
H32-28	28	1.237	1.300	0.750	0.375	£15.83	£13.13
H32-29	29	1.282	1.344	0.750	0.375	£15.87	£13.19
H32-30	30	1.326	1.388	0.750	0.375	£15.93	£13.31
H32-31	31	1.370	1.433	0.750	0.375	£15.95	£13.40

Helical Gears Crossed Axis Steel DP32

25.50



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
H32-32	32	1.414	1.477	0.750	0.375	£16.04	£13.54
H32-33	33	1.458	1.521	0.750	0.375	£16.12	£13.61
H32-34	34	1.503	1.565	0.750	0.375	£16.13	£13.68
H32-35	35	1.547	1.609	0.750	0.375	£16.19	£13.82
H32-36	36	1.591	1.653	0.750	0.375	£16.22	£13.93
H32-37	37	1.635	1.698	0.750	0.375	£16.27	£13.96
H32-38	38	1.679	1.742	0.750	0.375	£16.29	£13.98
H32-39	39	1.724	1.786	0.750	0.375	£16.35	£13.99
H32-40	40	1.768	1.830	1.000	0.500	£16.44	£14.05
H32-41	41	1.812	1.874	1.000	0.500	£16.48	£14.46
H32-42	42	1.856	1.919	1.000	0.500	£16.72	£14.90
H32-43	43	1.900	1.963	1.000	0.500	£16.98	£15.14
H32-44	44	1.945	2.007	1.000	0.500	£17.44	£15.38
H32-45	45	1.989	2.051	1.000	0.500	£18.66	£15.83
H32-46	46	2.033	2.095	1.000	0.500	£19.00	£16.24
H32-47	47	2.077	2.140	1.000	0.500	£19.33	£16.73
H32-48	48	2.121	2.184	1.000	0.500	£19.36	£16.77
H32-49	49	2.166	2.228	1.000	0.500	£20.08	£16.98
H32-50	50	2.210	2.272	1.000	0.500	£20.32	£17.63
H32-51	51	2.254	2.316	1.000	0.500	£20.35	£17.67
H32-52	52	2.298	2.361	1.000	0.500	£20.37	£17.73
H32-53	53	2.342	2.405	1.000	0.500	£20.42	£17.76
H32-54	54	2.386	2.449	1.000	0.500	£20.87	£19.02
H32-55	55	2.431	2.493	1.000	0.500	£20.90	£19.04
H32-56	56	2.475	2.537	1.000	0.500	£20.92	£19.07
H32-57	57	2.519	2.582	1.000	0.500	£21.42	£19.82
H32-58	58	2.563	2.626	1.000	0.500	£21.44	£19.85
H32-59	59	2.607	2.670	1.000	0.500	£21.52	£19.92
H32-60	60	2.652	2.714	1.000	0.500	£21.58	£19.94
H32-61	61	2.696	2.758	1.000	0.500	£21.59	£19.95
H32-62	62	2.740	2.803	1.000	0.500	£22.30	£20.68
H32-63	63	2.784	2.847	1.000	0.500	£23.62	£21.15
H32-64	64	2.828	2.891	1.000	0.500	£23.67	£21.23
H32-66	66	2.917	2.979	1.000	0.500	£24.88	£21.65
H32-68	68	3.005	3.068	1.000	0.500	£24.89	£21.70
H32-70	70	3.094	3.156	1.000	0.500	£26.10	£23.91
H32-75	75	3.315	3.377	1.000	0.500	£27.61	£23.93
H32-76	76	3.359	3.421	1.000	0.500	£27.63	£23.99
H32-80	80	3.536	3.598	1.000	0.500	£29.05	£24.32
H32-86	86	3.801	3.863	1.000	0.500	£33.04	£24.63
H32-88	88	3.889	3.952	1.000	0.500	£33.09	£24.70
H32-90	90	3.977	4.040	1.000	0.500	£36.67	£24.89
H32-96	96	4.243	4.305	1.000	0.500	£40.48	£35.11
H32-100	100	4.419	4.482	1.500	0.500	£45.35	£36.26

'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°

32 DP

45° H.A.
20° P.A.

STD : White Delrin
(fully machined)

SPECIAL TEETH : between 9 - 108



TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 0.10



RH 45°

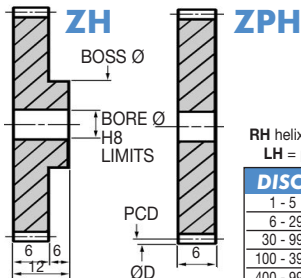


LH available on request.

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

Quantity	Discount	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
ZH32-9	9	0.442	0.504	0.504	4	£6.54	£4.74
ZH32-10	10	0.442	0.504	0.504	4	£6.63	£4.75
ZH32-11	11	0.486	0.549	0.549	4	£6.65	£5.06
ZH32-12	12	0.530	0.593	0.472	4	£6.68	£5.09
ZH32-13	13	0.575	0.637	0.472	4	£6.77	£5.22
ZH32-14	14	0.619	0.681	0.551	4	£6.87	£5.25
ZH32-15	15	0.663	0.725	0.551	4	£7.02	£5.33
ZH32-16	16	0.707	0.770	0.551	4	£7.04	£5.46
ZH32-17	17	0.751	0.814	0.551	4	£7.14	£5.52
ZH32-18	18	0.795	0.858	0.551	4	£7.38	£5.58
ZH32-19	19	0.840	0.902	0.551	4	£7.40	£5.67
ZH32-20	20	0.884	0.946	0.551	4	£7.49	£5.79
ZH32-21	21	0.928	0.991	0.551	4	£7.63	£5.81
ZH32-22	22	0.972	1.035	0.629	5	£7.70	£5.85
ZH32-23	23	1.016	1.079	0.629	5	£7.75	£5.95
ZH32-24	24	1.061	1.123	0.629	5	£8.63	£6.65
ZH32-25	25	1.105	1.167	0.629	5	£8.66	£6.66
ZH32-26	26	1.149	1.212	0.629	5	£8.67	£6.68
ZH32-27	27	1.193	1.256	0.629	5	£8.73	£6.69
ZH32-28	28	1.237	1.300	0.629	5	£8.73	£6.70
ZH32-29	29	1.282	1.344	0.629	5	£8.78	£6.71
ZH32-30	30	1.326	1.388	0.629	5	£8.81	£6.72
ZH32-31	31	1.370	1.433	0.629	5	£8.84	£6.75

Helical Gears Crossed Axis Plastic DP 32

25.52



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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (mm)	PRICE EACH 1 - 5 ZH	ZPH
ZH32-32	32	1.414	1.477	0.629	5	£8.88	£6.76
ZH32-33	33	1.458	1.521	0.629	5	£10.12	£7.64
ZH32-34	34	1.503	1.565	0.629	5	£10.15	£7.74
ZH32-35	35	1.547	1.609	0.629	5	£10.19	£7.75
ZH32-36	36	1.591	1.653	0.629	5	£10.22	£7.80
ZH32-37	37	1.635	1.698	0.629	5	£10.24	£7.81
ZH32-38	38	1.679	1.742	0.629	5	£10.25	£7.82
ZH32-39	39	1.724	1.786	0.629	5	£10.30	£7.87
ZH32-40	40	1.768	1.830	0.629	5	£10.35	£7.94
ZH32-41	41	1.812	1.874	0.629	5	£10.50	£8.02
ZH32-42	42	1.856	1.919	0.629	5	£12.79	£9.82
ZH32-43	43	1.900	1.963	0.629	5	£13.18	£10.12
ZH32-44	44	1.945	2.007	0.629	5	£14.05	£10.76
ZH32-45	45	1.989	2.051	0.629	5	£14.35	£10.97
ZH32-46	46	2.033	2.095	0.629	5	£14.63	£11.21
ZH32-47	47	2.077	2.140	0.629	5	£14.64	£11.56
ZH32-48	48	2.121	2.184	0.629	5	£15.14	£11.59
ZH32-49	49	2.166	2.228	0.629	5	£15.18	£11.73
ZH32-50	50	2.210	2.272	0.629	5	£15.40	£11.76
ZH32-51	51	2.254	2.316	0.629	5	£15.42	£13.37
ZH32-52	52	2.298	2.361	0.629	5	£17.48	£13.39
ZH32-53	53	2.342	2.405	0.629	5	£17.51	£13.64
ZH32-54	54	2.386	2.449	0.629	5	£17.87	£13.70
ZH32-55	55	2.431	2.493	0.629	5	£17.90	£13.75
ZH32-56	56	2.475	2.537	0.629	5	£17.98	£13.98
ZH32-57	57	2.519	2.582	0.629	5	£18.34	£14.05
ZH32-58	58	2.563	2.626	0.629	5	£18.40	£14.07
ZH32-59	59	2.607	2.670	0.629	5	£18.43	£14.13
ZH32-60	60	2.652	2.714	0.708	6	£18.47	£14.66
ZH32-61	61	2.696	2.758	0.708	6	£18.49	£15.49
ZH32-62	62	2.740	2.803	0.708	6	£20.00	£15.55
ZH32-63	63	2.784	2.847	0.708	6	£20.24	£17.29
ZH32-64	64	2.828	2.891	0.708	6	£20.29	£17.34
ZH32-66	66	2.917	2.979	0.708	6	£22.51	£18.04
ZH32-68	68	3.005	3.068	0.708	6	£22.66	£18.10
ZH32-70	70	3.094	3.156	0.708	6	£23.64	£18.13
ZH32-75	75	3.315	3.377	0.708	8	£23.67	£22.47
ZH32-76	76	3.359	3.421	0.708	8	£23.68	£22.90
ZH32-80	80	3.536	3.598	0.708	8	£29.32	£28.14
ZH32-86	86	3.801	3.863	0.708	8	£33.35	£31.24
ZH32-88	88	3.889	3.952	0.787	10	£36.73	£34.51
ZH32-90	90	3.977	4.040	0.787	10	£40.68	£38.58

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