

Crossed Helical Gears Materials

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

0.7 MOD 45° H.A. ALTERNATIVE : Brass, Tufnol or Delrin

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

TORQUE CHECK		214M15	214M15	Brass	Tufnol
50 teeth x 1000 rpm		303S21	Cse/HD		
variations	TORQUE Nm.	0.272	1.791	0.136	0.097
at back	K.W.	0.028	0.188	0.014	0.0104

Helical Gears Crossed Axis Steel MOD 0.7



RH 45°



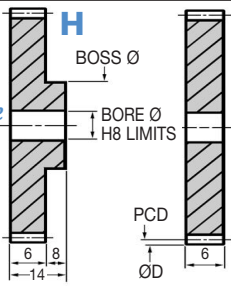
LH available on request.

RH 45°

RH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



PH

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 (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1 - 5	
						H	PH	H	PH
H0.7-9	9	8.91	10.31	10.31	4	0.007	0.002	£11.70	£8.86
H0.7-10	10	9.90	11.30	11.30	4	0.008	0.003	£12.22	£8.87
H0.7-11	11	10.89	12.29	12.00	5	0.009	0.003	£12.51	£8.97
H0.7-12	12	11.88	13.28	12.00	5	0.010	0.004	£12.93	£9.03
H0.7-13	13	12.87	14.27	12.00	5	0.011	0.005	£13.31	£9.22
H0.7-14	14	13.86	15.26	12.00	5	0.012	0.006	£13.46	£9.38
H0.7-15	15	14.85	16.25	12.00	5	0.013	0.007	£13.75	£9.49
H0.7-16	16	15.84	17.24	12.00	5	0.014	0.008	£13.93	£9.51
H0.7-17	17	16.83	18.23	12.00	5	0.015	0.009	£14.15	£9.72
H0.7-18	18	17.82	19.22	12.00	5	0.016	0.011	£14.32	£9.96
H0.7-19	19	18.81	20.21	12.00	5	0.018	0.012	£14.44	£10.02
H0.7-20	20	19.80	21.20	12.00	5	0.019	0.013	£14.65	£10.19
H0.7-21	21	20.79	22.19	12.00	5	0.020	0.015	£14.72	£10.47
H0.7-22	22	21.78	23.18	12.00	5	0.022	0.016	£14.77	£10.94
H0.7-23	23	22.77	24.17	12.00	5	0.024	0.018	£14.82	£11.21
H0.7-24	24	23.76	25.16	12.00	5	0.025	0.019	£14.83	£11.35
H0.7-25	25	24.75	26.15	12.00	5	0.027	0.021	£14.95	£11.65
H0.7-26	26	25.74	27.14	12.00	5	0.029	0.023	£14.96	£11.81
H0.7-27	27	26.73	28.13	16.00	6	0.035	0.024	£15.02	£11.85
H0.7-28	28	27.72	29.12	16.00	6	0.037	0.026	£15.07	£12.22
H0.7-29	29	28.71	30.11	16.00	6	0.039	0.028	£15.14	£12.34
H0.7-30	30	29.70	31.10	16.00	6	0.041	0.031	£15.18	£12.50
H0.7-31	31	30.69	32.09	16.00	6	0.043	0.033	£15.19	£12.66

25.8



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PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1 - 5	
						H	PH	H	PH
HO.7-32	32	31.68	33.08	16	6	0.045	0.035	£15.36	£12.84
HO.7-33	33	32.67	34.07	16	6	0.048	0.037	£15.38	£12.95
HO.7-34	34	33.66	35.06	16	6	0.050	0.040	£15.47	£13.02
HO.7-35	35	34.65	36.05	16	6	0.053	0.042	£15.55	£13.13
HO.7-36	36	35.64	37.04	16	6	0.055	0.045	£15.61	£13.59
HO.7-37	37	36.63	38.03	16	6	0.058	0.047	£15.77	£13.64
HO.7-38	38	37.62	39.02	16	6	0.060	0.050	£15.83	£13.93
HO.7-39	39	38.61	40.01	16	6	0.063	0.052	£15.95	£13.98
HO.7-40	40	39.60	41.00	16	6	0.066	0.055	£16.04	£14.15
HO.7-41	41	40.59	41.99	16	6	0.069	0.058	£16.13	£14.38
HO.7-42	42	41.58	42.98	16	6	0.072	0.061	£16.24	£14.61
HO.7-43	43	42.57	43.97	16	6	0.075	0.064	£16.29	£14.66
HO.7-44	44	43.56	44.96	16	6	0.078	0.067	£16.45	£14.67
HO.7-45	45	44.55	45.95	16	6	0.081	0.070	£16.49	£15.23
HO.7-46	46	45.54	46.94	16	6	0.084	0.073	£16.68	£16.27
HO.7-47	47	46.53	47.93	16	6	0.087	0.077	£16.70	£16.35
HO.7-48	48	47.52	48.92	16	6	0.091	0.080	£16.72	£16.48
HO.7-49	49	48.51	49.91	16	6	0.094	0.084	£16.94	£16.49
HO.7-50	50	49.50	50.90	16	6	0.098	0.087	£17.44	£16.60
HO.7-51	51	50.49	51.89	16	6	0.101	0.091	£17.48	£16.93
HO.7-52	52	51.48	52.88	16	6	0.105	0.094	£17.51	£16.94
HO.7-53	53	52.47	53.87	16	6	0.109	0.098	£17.51	£17.36
HO.7-54	54	53.46	54.86	16	6	0.112	0.102	£18.09	£17.37
HO.7-55	55	54.45	55.85	16	6	0.116	0.106	£18.10	£17.38
HO.7-56	56	55.44	56.84	16	6	0.120	0.110	£18.12	£17.43
HO.7-57	57	56.43	57.83	16	6	0.124	0.114	£18.40	£17.44
HO.7-58	58	57.42	58.82	16	6	0.128	0.118	£18.79	£17.98
HO.7-59	59	58.41	59.81	16	6	0.132	0.122	£19.25	£18.24
HO.7-60	60	59.40	60.80	16	6	0.137	0.126	£19.29	£18.25
HO.7-61	61	60.39	61.79	16	6	0.141	0.130	£19.44	£18.29
HO.7-62	62	61.38	62.78	16	6	0.145	0.135	£19.46	£18.30
HO.7-63	63	62.37	63.77	16	6	0.150	0.139	£20.11	£20.09
HO.7-64	64	63.36	64.76	16	6	0.154	0.143	£20.91	£21.65
HO.7-66	66	65.34	66.74	16	6	0.163	0.153	£20.92	£22.78
HO.7-68	68	67.32	68.72	16	6	0.173	0.162	£24.23	£24.22
HO.7-70	70	69.30	70.70	20	8	0.187	0.171	£24.24	£25.61
HO.7-75	75	74.25	75.65	20	8	0.213	0.196	£27.62	£25.62
HO.7-76	76	75.24	76.64	20	8	0.218	0.202	£27.63	£27.21
HO.7-80	80	79.20	80.60	20	8	0.240	0.224	£33.19	£29.52
HO.7-86	86	85.14	86.54	20	8	0.275	0.259	£34.02	£30.57
HO.7-88	88	87.12	88.52	20	8	0.288	0.271	£34.03	£31.68
HO.7-90	90	89.10	90.50	20	8	0.300	0.284	£34.72	£33.76
HO.7-96	96	95.04	96.44	20	8	0.340	0.323	£37.79	£34.51
HO.7-100	100	98.99	100.39	20	10	0.367	0.351	£40.99	£34.72
HO.7-112	112	110.87	112.27	20	10	0.457	0.441	£44.67	£37.34
HO.7-120	120	118.79	120.19	20	10	0.524	0.508	£47.24	£41.91
HO.7-127	127	125.72	127.12	30	12	0.584	0.568	£52.37	£42.25
HO.7-128	128	126.71	128.11	30	12	0.593	0.577	£52.46	£46.88
HO.7-140	140	138.59	139.99	30	12	0.706	0.690	£52.48	£48.91

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