

Crossed Helical Gears *Materials*

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

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

20° P.A. SPECIAL TEETH : between 10-250

TORQUE CHECK		214M15	214M15	Brass	Tufnol
50 teeth x 1000 rpm		303S21	Cse/HD		
variations	TORQUE Nm.	0.056	0.375	0.029	0.020
at back	K.W.	0.006	0.039	0.003	0.002



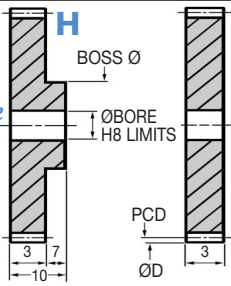
RH 45°

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 (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)	PRICE EACH 1 - 5		
							H	PH	
H0.4-10	10	5.66	6.46	6.46	2	0.0006	0.0005	£9.61	£8.91
H0.4-11	11	6.22	7.02	7.02	2	0.0007	0.0006	£9.62	£8.93
H0.4-12	12	6.79	7.59	7.59	2	0.0008	0.0008	£9.65	£9.03
H0.4-13	13	7.35	8.15	8.15	2	0.0010	0.0009	£9.67	£9.09
H0.4-14	14	7.92	8.72	8.42	2	0.0011	0.0011	£9.68	£9.26
H0.4-15	15	8.49	9.29	9.29	2	0.0013	0.0012	£9.70	£9.31
H0.4-16	16	9.05	9.85	9.85	2	0.0015	0.0014	£9.72	£9.37
H0.4-17	17	9.62	10.42	10.42	2	0.0017	0.0016	£9.82	£9.47
H0.4-18	18	10.18	10.98	8.00	3	0.0019	0.0017	£9.83	£9.49
H0.4-19	19	10.75	11.55	8.00	3	0.0021	0.0019	£9.84	£9.55
H0.4-20	20	11.31	12.11	8.00	3	0.0023	0.0021	£9.94	£9.57
H0.4-21	21	11.88	12.68	8.00	3	0.0025	0.0024	£9.96	£9.60
H0.4-22	22	12.45	13.25	8.00	3	0.0028	0.0026	£10.01	£9.61
H0.4-23	23	13.01	13.81	8.00	3	0.0031	0.0029	£10.02	£9.62
H0.4-24	24	13.58	14.38	8.00	3	0.0033	0.0032	£10.09	£9.65
H0.4-25	25	14.14	14.94	8.00	3	0.0036	0.0034	£10.19	£9.67
H0.4-26	26	14.71	15.51	8.00	3	0.0039	0.0037	£10.22	£9.68
H0.4-27	27	15.27	16.07	8.00	3	0.0042	0.0040	£10.32	£9.70
H0.4-28	28	15.84	16.64	8.00	3	0.0045	0.0044	£10.42	£9.72
H0.4-29	29	16.40	17.20	8.00	3	0.0048	0.0047	£10.46	£9.74
H0.4-30	30	16.97	17.77	12.00	3	0.0052	0.0050	£10.65	£9.76
H0.4-31	31	17.54	18.34	12.00	3	0.0055	0.0054	£10.72	£9.77
H0.4-32	32	18.10	18.90	12.00	3	0.0059	0.0057	£10.80	£9.82

Helical Gears Crossed Axis Steel MOD 0.4



PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1 - 5	
						H	PH	H	PH
HO.4-33	33	18.67	19.47	12	3	0.0063	0.0061	£10.87	£9.82
HO.4-34	34	19.23	20.03	12	3	0.0067	0.0065	£10.99	£9.83
HO.4-35	35	19.80	20.60	12	3	0.0071	0.0069	£11.15	£9.84
HO.4-36	36	20.36	21.16	12	3	0.0075	0.0073	£11.20	£9.93
HO.4-37	37	20.93	21.73	12	3	0.0079	0.0077	£11.30	£9.96
HO.4-38	38	21.50	22.30	12	3	0.0083	0.0082	£11.35	£10.01
HO.4-39	39	22.06	22.86	12	3	0.0088	0.0086	£11.50	£10.09
HO.4-40	40	22.63	23.43	12	4	0.0092	0.0089	£11.65	£10.22
HO.4-41	41	23.19	23.99	12	4	0.0097	0.0094	£11.73	£10.24
HO.4-42	42	23.76	24.56	12	4	0.0102	0.0099	£11.91	£10.28
HO.4-43	43	24.32	25.12	12	4	0.0107	0.0104	£12.06	£10.32
HO.4-44	44	24.89	25.69	12	4	0.0112	0.0109	£12.23	£10.43
HO.4-45	45	25.46	26.26	12	4	0.0117	0.0114	£12.34	£10.57
HO.4-46	46	26.02	26.82	12	4	0.0122	0.0119	£12.62	£10.70
HO.4-47	47	26.59	27.39	12	4	0.0127	0.0125	£12.64	£10.73
HO.4-48	48	27.15	27.95	12	4	0.0133	0.0130	£12.65	£10.75
HO.4-49	49	27.72	28.52	12	4	0.0139	0.0136	£12.69	£10.79
HO.4-50	50	28.28	29.08	12	4	0.0144	0.0141	£12.77	£10.81
HO.4-51	51	28.85	29.65	12	4	0.0150	0.0147	£12.79	£10.82
HO.4-52	52	29.42	30.22	12	4	0.0156	0.0153	£12.83	£10.94
HO.4-53	53	29.98	30.78	12	4	0.0162	0.0159	£12.84	£10.97
HO.4-54	54	30.55	31.35	12	4	0.0168	0.0165	£12.93	£11.06
HO.4-55	55	31.11	31.91	12	4	0.0175	0.0172	£12.94	£11.20
HO.4-56	56	31.68	32.48	12	4	0.0181	0.0178	£12.95	£11.30
HO.4-57	57	32.24	33.04	12	4	0.0187	0.0185	£13.05	£11.53
HO.4-58	58	32.81	33.61	12	4	0.0194	0.0191	£13.09	£11.81
HO.4-59	59	33.38	34.18	12	4	0.0201	0.0198	£13.09	£12.22
HO.4-60	60	33.94	34.74	12	4	0.0208	0.0205	£13.27	£12.34
HO.4-61	61	34.51	35.31	12	4	0.0215	0.0212	£13.46	£12.56
HO.4-62	62	35.07	35.87	12	4	0.0222	0.0219	£13.46	£12.69
HO.4-63	63	35.64	36.44	12	4	0.0229	0.0226	£13.68	£12.77
HO.4-64	64	36.20	37.00	12	4	0.0236	0.0233	£13.94	£13.37
HO.4-65	65	36.77	37.57	12	4	0.0244	0.0241	£13.95	£13.70
HO.4-68	68	38.47	39.27	12	4	0.0267	0.0264	£14.13	£14.05
HO.4-70	70	39.60	40.40	12	4	0.0283	0.0280	£14.15	£14.46
HO.4-72	72	40.73	41.53	12	4	0.0299	0.0296	£14.36	£14.73
HO.4-75	75	42.43	43.23	12	4	0.0325	0.0322	£14.61	£15.12
HO.4-77	77	43.56	44.36	12	4	0.0342	0.0339	£14.73	£15.14
HO.4-80	80	45.25	46.05	12	5	0.0369	0.0365	£15.14	£15.23
HO.4-84	84	47.52	48.32	12	5	0.0407	0.0403	£15.41	£15.39
HO.4-86	86	48.65	49.45	12	5	0.0427	0.0422	£15.83	£15.57
HO.4-88	88	49.78	50.58	12	5	0.0447	0.0442	£16.94	£15.82
HO.4-90	90	50.91	51.71	12	5	0.0467	0.0463	£17.89	£16.19
HO.4-96	96	54.31	55.11	12	5	0.0532	0.0527	£18.71	£16.38
HO.4-100	100	56.57	57.37	12	5	0.0577	0.0572	£19.50	£17.62
HO.4-120	120	67.88	68.68	12	5	0.0831	0.0826	£23.31	£20.73

'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.

