

Helical Gears

Materials

Steel - Parallel Axis

STD : Steel 214M15/045M10

0.4 MOD

17°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 at back	TORQUE Nm.	0.28	1.12	0.14	0.10
	K.W.	0.030	0.119	0.015	0.01



RH 17°45'

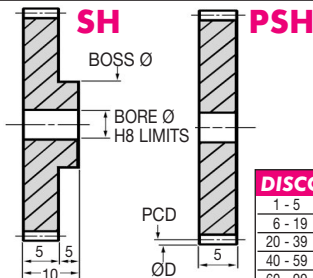


LH 17°45'

LH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



DISCOUNTS

Quantity	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	
						SH	PSH	SH	PSH
SH0.4-10	10	4.62	5.42	5.42	2	0.0013	0.0005	£8.05	£7.70
SH0.4-11	11	4.62	5.42	5.42	2	0.0013	0.0005	£8.06	£7.72
SH0.4-12	12	5.04	5.84	5.84	2	0.0015	0.0006	£8.07	£7.73
SH0.4-13	13	5.46	6.26	6.26	2	0.0018	0.0008	£8.10	£7.75
SH0.4-14	14	5.88	6.68	6.68	2	0.0021	0.0009	£8.11	£7.77
SH0.4-15	15	6.30	7.10	7.10	2	0.0025	0.0011	£8.13	£7.78
SH0.4-16	16	6.72	7.52	7.52	2	0.0028	0.0012	£8.16	£7.79
SH0.4-17	17	7.14	7.94	7.94	2	0.0032	0.0014	£8.17	£7.80
SH0.4-18	18	7.56	8.36	8.00	3	0.0031	0.0014	£8.18	£7.81
SH0.4-19	19	7.98	8.78	8.00	3	0.0033	0.0016	£8.19	£7.82
SH0.4-20	20	8.40	9.20	8.00	3	0.0035	0.0018	£8.20	£7.84
SH0.4-21	21	8.82	9.62	8.00	3	0.0037	0.0021	£8.23	£7.86
SH0.4-22	22	9.24	10.04	8.00	3	0.0039	0.0023	£8.23	£7.88
SH0.4-23	23	9.66	10.46	8.00	3	0.0042	0.0025	£8.26	£7.90
SH0.4-24	24	10.08	10.88	8.00	3	0.0044	0.0028	£8.28	£7.91
SH0.4-25	25	10.50	11.30	8.00	3	0.0047	0.0030	£8.33	£7.95
SH0.4-26	26	10.92	11.72	8.00	3	0.0050	0.0033	£8.34	£8.04
SH0.4-27	27	11.34	12.14	8.00	3	0.0052	0.0036	£8.36	£8.05
SH0.4-28	28	11.76	12.56	8.00	3	0.0055	0.0039	£8.38	£8.06
SH0.4-29	29	12.18	12.98	8.00	3	0.0058	0.0042	£8.42	£8.07
SH0.4-30	30	12.60	13.40	8.00	3	0.0062	0.0045	£8.43	£8.16
SH0.4-31	31	13.02	13.82	8.00	3	0.0065	0.0048	£8.47	£8.23
SH0.4-32	32	13.44	14.24	8.00	3	0.0068	0.0052	£8.53	£8.28



PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1 - 5	
						SH	PSH	SH	PSH
SHO.4-33	33	13.86	14.66	8	3	0.0072	0.0055	£8.56	£8.34
SHO.4-34	34	14.28	15.08	8	3	0.0075	0.0059	£8.61	£8.43
SHO.4-35	35	14.70	15.50	8	3	0.0079	0.0062	£8.63	£8.56
SHO.4-36	36	15.12	15.92	8	3	0.0083	0.0066	£8.64	£8.61
SHO.4-37	37	15.54	16.34	8	3	0.0086	0.0070	£8.69	£8.69
SHO.4-38	38	15.96	16.76	12	4	0.0110	0.0072	£8.74	£8.70
SHO.4-39	39	16.38	17.18	12	4	0.0114	0.0076	£8.77	£8.75
SHO.4-40	40	16.80	17.60	12	4	0.0118	0.0080	£8.84	£8.79
SHO.4-41	41	17.22	18.02	12	4	0.0123	0.0084	£8.87	£8.85
SHO.4-42	42	17.64	18.44	12	4	0.0127	0.0089	£8.95	£8.87
SHO.4-43	43	18.06	18.86	12	4	0.0132	0.0093	£9.04	£8.95
SHO.4-44	44	18.48	19.28	12	4	0.0136	0.0098	£9.12	£9.02
SHO.4-45	45	18.90	19.70	12	4	0.0141	0.0103	£9.15	£9.04
SHO.4-46	46	19.32	20.12	12	4	0.0146	0.0107	£9.19	£9.12
SHO.4-47	47	19.74	20.54	12	4	0.0151	0.0112	£9.27	£9.17
SHO.4-48	48	20.16	20.96	12	4	0.0156	0.0117	£9.30	£9.19
SHO.4-49	49	20.58	21.38	12	4	0.0161	0.0122	£9.38	£9.27
SHO.4-50	50	21.00	21.80	12	4	0.0166	0.0128	£9.43	£9.30
SHO.4-51	51	21.42	22.22	12	4	0.0172	0.0133	£9.49	£9.38
SHO.4-52	52	21.84	22.64	12	4	0.0177	0.0139	£9.54	£9.42
SHO.4-53	53	22.26	23.06	12	4	0.0183	0.0144	£9.59	£9.46
SHO.4-54	54	22.68	23.48	12	4	0.0188	0.0150	£9.65	£9.52
SHO.4-55	55	23.10	23.90	12	4	0.0194	0.0156	£9.73	£9.58
SHO.4-56	56	23.52	24.32	12	4	0.0200	0.0161	£9.80	£9.65
SHO.4-57	57	23.94	24.74	12	4	0.0206	0.0167	£9.88	£9.79
SHO.4-58	58	24.36	25.16	12	4	0.0212	0.0174	£9.97	£9.88
SHO.4-59	59	24.78	25.58	12	4	0.0218	0.0180	£10.03	£9.97
SHO.4-60	60	25.20	26.00	12	4	0.0224	0.0186	£10.11	£10.03
SHO.4-61	61	25.62	26.42	12	4	0.0231	0.0192	£10.24	£10.11
SHO.4-62	62	26.04	26.84	12	4	0.0237	0.0199	£10.32	£10.24
SHO.4-63	63	26.46	27.26	12	4	0.0244	0.0206	£10.38	£10.32
SHO.4-64	64	26.88	27.68	12	4	0.0251	0.0212	£10.50	£10.38
SHO.4-65	65	27.30	28.10	12	4	0.0258	0.0219	£10.62	£10.52
SHO.4-68	68	28.56	29.36	12	4	0.0279	0.0240	£10.72	£10.62
SHO.4-70	70	29.40	30.20	12	4	0.0293	0.0255	£10.76	£10.72
SHO.4-72	72	30.24	31.04	12	4	0.0308	0.0270	£10.85	£10.76
SHO.4-75	75	31.50	32.30	12	4	0.0332	0.0293	£10.90	£10.89
SHO.4-77	77	32.34	33.14	12	4	0.0348	0.0309	£10.99	£10.99
SHO.4-80	80	33.60	34.40	12	5	0.0367	0.0332	£11.00	£11.07
SHO.4-84	84	35.28	36.08	12	5	0.0402	0.0367	£11.12	£11.29
SHO.4-86	86	36.12	36.92	12	5	0.0420	0.0385	£11.28	£11.52
SHO.4-88	88	36.96	37.76	12	5	0.0439	0.0403	£11.43	£11.69
SHO.4-90	90	37.80	38.60	12	5	0.0458	0.0422	£11.61	£11.92
SHO.4-96	96	40.32	41.12	12	5	0.0517	0.0481	£11.83	£12.15
SHO.4-100	100	42.00	42.80	12	5	0.0558	0.0523	£12.04	£12.39
SHO.4-120	120	50.40	51.20	12	5	0.0792	0.0756	£12.21	£12.53
SHO.4-140	140	58.80	59.60	12	5	0.1067	0.1031	£13.46	£13.65
SHO.4-150	150	63.00	63.80	12	5	0.1221	0.1185	£13.73	£14.05
SHO.4-180	180	75.60	76.40	15	6	0.1763	0.1707	£19.84	£17.22
SHO.4-200	200	84.00	84.80	15	8	0.2166	0.2110	£22.29	£19.33
SHO.4-220	220	92.40	93.20	15	8	0.2612	0.2555	£25.63	£22.29
SHO.4-250	250	105.00	105.80	20	10	0.3359	0.3302	£29.14	£25.32

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