

# Helical Gears

## Materials

Steel - Parallel Axis

STD : Steel 214M15/045M10

4 MOD

17°45'H.A.

ALTERNATIVE : Brass, Tufnol or Delrin

20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK		214M15	214M15	Brass	Tufnol
50 teeth x 1000 rpm		303S21	Cse/HD		
variations	TORQUE Nm.	338.00	1340.00	169.00	120.00
at back	K.W.	35.06	140.24	17.16	12.68

RH 17°45'

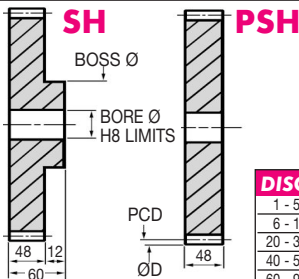


LH 17°45'

LH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



### DISCOUNTS

	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
SH4-9	9	42.00	50.00	40	20	0.480	0.393	£33.89	£29.86
SH4-10	10	42.00	50.00	40	20	0.480	0.393	£33.94	£29.87
SH4-11	11	46.20	54.20	40	20	0.587	0.500	£33.94	£29.89
SH4-12	12	50.40	58.40	40	20	0.704	0.617	£33.96	£29.90
SH4-13	13	54.60	62.60	40	20	0.831	0.745	£36.61	£32.20
SH4-14	14	58.80	66.80	40	20	0.969	0.882	£39.20	£34.40
SH4-15	15	63.00	71.00	40	25	1.035	0.965	£44.49	£38.61
SH4-16	16	67.20	75.20	50	25	1.258	1.122	£49.35	£41.70
SH4-17	17	71.40	79.40	50	25	1.426	1.290	£51.96	£45.01
SH4-18	18	75.60	83.60	50	25	1.604	1.468	£54.58	£48.29
SH4-19	19	79.80	87.80	50	25	1.792	1.657	£56.65	£48.76
SH4-20	20	84.00	92.00	50	25	1.990	1.855	£58.67	£48.83
SH4-21	21	88.20	96.20	50	25	2.199	2.064	£61.54	£52.96
SH4-22	22	92.40	100.40	50	25	2.418	2.283	£64.72	£57.44
SH4-23	23	96.60	104.60	50	25	2.647	2.512	£66.02	£58.49
SH4-24	24	100.80	108.80	50	25	2.886	2.751	£67.29	£59.65
SH4-25	25	105.00	113.00	80	30	3.318	2.921	£69.96	£61.86
SH4-26	26	109.20	117.20	80	30	3.577	3.180	£72.80	£64.08
SH4-27	27	113.40	121.40	80	30	3.847	3.450	£76.05	£66.21
SH4-28	28	117.60	125.60	80	30	4.127	3.730	£78.90	£68.41
SH4-29	29	121.80	129.80	80	30	4.417	4.020	£81.70	£70.61
SH4-30	30	126.00	134.00	80	30	4.717	4.320	£84.70	£72.80
SH4-31	31	130.20	138.20	80	30	5.027	4.631	£90.20	£76.61

Helical Gears Parallel Axis Steel MOD 4

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PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1 - 5	
						SH	PSH	SH	PSH
SH4-32	32	134.40	142.40	80	30	5.348	4.951	£95.48	£80.50
SH4-33	33	138.60	146.60	80	30	5.679	5.282	£101.18	£84.18
SH4-34	34	142.80	150.80	80	30	6.020	5.623	£109.24	£88.21
SH4-35	35	147.00	155.00	80	30	6.371	5.974	£117.36	£91.84
SH4-36	36	151.20	159.20	80	30	6.732	6.335	£125.43	£101.18
SH4-37	37	155.40	163.40	80	30	7.104	6.707	£133.01	£103.17
SH4-38	38	159.60	167.60	80	30	7.485	7.089	£135.03	£105.20
SH4-39	39	163.80	171.80	80	30	7.877	7.480	£142.57	£107.27
SH4-40	40	168.00	176.00	80	30	8.279	7.882	£147.89	£109.24
SH4-41	41	172.20	180.20	80	30	8.691	8.295	£152.93	£110.89
SH4-42	42	176.40	184.40	80	30	9.114	8.717	£166.78	£115.25
SH4-43	43	180.60	188.60	80	30	9.546	9.150	£169.60	£116.83
SH4-44	44	184.80	192.80	80	30	9.989	9.592	£172.44	£121.22
SH4-45	45	189.00	197.00	80	30	10.442	10.045	£175.28	£128.38
SH4-46	46	193.20	201.20	80	30	10.905	10.508	£177.30	£133.84
SH4-47	47	197.40	205.40	80	30	11.378	10.981	£179.34	£139.28
SH4-48	48	201.60	209.60	80	30	11.862	11.465	£181.35	£144.76
SH4-49	49	205.80	213.80	80	30	12.355	11.959	£185.38	£150.82
SH4-50	50	210.00	218.00	80	30	12.859	12.462	£189.44	£156.87
SH4-51	51	214.20	222.20	80	30	13.373	12.976	£194.07	£161.71
SH4-52	52	218.40	226.40	80	30	13.897	13.500	£198.45	£165.40
SH4-53	53	222.60	230.60	80	30	14.431	14.035	£204.24	£170.17
SH4-54	54	226.80	234.80	80	30	14.976	14.579	£212.61	£177.16
SH4-55	55	231.00	239.00	80	30	15.531	15.134	£230.87	£192.37
SH4-56	56	235.20	243.20	80	30	16.095	15.699	£244.46	£203.70
SH4-57	57	239.40	247.40	80	30	16.670	16.274	£250.10	£208.37
SH4-58	58	243.60	251.60	80	30	17.256	16.859	£253.35	£211.10
SH4-59	59	247.80	255.80	80	30	17.851	17.454	£263.74	£219.78
SH4-60	60	252.00	260.00	80	30	18.457	18.060	£270.35	£225.29
SH4-61	61	256.20	264.20	80	30	19.072	18.676	£327.52	£272.89
SH4-62	62	260.40	268.40	80	30	19.698	19.302	£330.47	£275.37
SH4-63	63	264.60	272.60	80	30	20.334	19.938	£336.42	£280.35
SH4-64	64	268.80	276.80	80	30	20.981	20.584	£343.47	£286.21
SH4-65	65	273.00	281.00	80	30	21.637	21.240	£357.96	£298.31
SH4-66	66	277.20	285.20	80	30	22.304	21.907	£370.15	£308.49
SH4-67	67	281.40	289.40	80	30	22.981	22.584	£383.28	£319.39
SH4-68	68	285.60	293.60	80	30	23.668	23.271	£394.67	£328.88
SH4-69	69	289.80	297.80	80	30	24.365	23.968	£404.97	£337.51
SH4-70	70	294.00	302.00	80	30	25.072	24.675	£413.51	£344.59
SH4-71	71	298.20	306.20	80	30	25.790	25.393	£437.15	£364.31
SH4-72	72	302.40	310.40	80	30	26.517	26.121	£447.73	£371.79

**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.*

