

Helical Gears

Materials

Steel - Parallel Axis

STD : Steel 214M15/045M10

2.5 MOD

17°45' H.A.

ALTERNATIVE : Brass, Tufnol or Delrin

20° P.A.

SPECIALS : up to Ø750 mm



TORQUE CHECK 50 teeth x 1000 rpm	214M15 303S21	214M15 Cse/HD	Brass	Tufnol	
variations at back	TORQUE Nm.	66.17	261.76	33.00	23.63
	K.W.	6.94	27.43	3.47	2.48

RH 17°45'

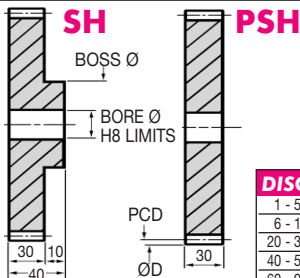


LH 17°45'

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
SH2.5-9	9	26.25	31.25	30	12	0.144	0.098	£20.94	£13.83
SH2.5-10	10	26.25	31.25	30	12	0.144	0.098	£20.96	£13.86
SH2.5-11	11	28.88	33.88	30	12	0.170	0.124	£20.97	£13.87
SH2.5-12	12	31.50	36.50	30	15	0.179	0.138	£20.98	£13.89
SH2.5-13	13	34.13	39.13	30	15	0.210	0.169	£21.46	£14.70
SH2.5-14	14	36.75	41.75	30	15	0.244	0.203	£22.46	£15.47
SH2.5-15	15	39.38	44.38	30	15	0.280	0.239	£23.87	£17.02
SH2.5-16	16	42.00	47.00	30	15	0.318	0.277	£25.28	£18.59
SH2.5-17	17	44.63	49.63	30	15	0.359	0.319	£25.79	£19.34
SH2.5-18	18	47.25	52.25	30	15	0.403	0.362	£26.71	£20.15
SH2.5-19	19	49.88	54.88	30	15	0.449	0.408	£27.44	£20.96
SH2.5-20	20	52.50	57.50	40	20	0.497	0.425	£28.41	£21.81
SH2.5-21	21	55.13	60.13	40	20	0.548	0.476	£29.12	£22.63
SH2.5-22	22	57.75	62.75	40	20	0.601	0.529	£30.16	£23.45
SH2.5-23	23	60.38	65.38	40	20	0.657	0.585	£30.91	£24.26
SH2.5-24	24	63.00	68.00	40	20	0.716	0.643	£31.82	£25.05
SH2.5-25	25	65.63	70.63	40	20	0.777	0.704	£33.54	£26.71
SH2.5-26	26	68.25	73.25	45	20	0.865	0.768	£35.23	£28.40
SH2.5-27	27	70.88	75.88	45	20	0.931	0.834	£35.95	£29.27
SH2.5-28	28	73.50	78.50	45	20	1.000	0.902	£36.95	£30.04
SH2.5-29	29	76.13	81.13	45	20	1.071	0.973	£38.14	£31.65
SH2.5-30	30	78.75	83.75	45	20	1.144	1.046	£39.44	£33.12
SH2.5-31	31	81.38	86.38	45	20	1.220	1.122	£40.40	£34.70

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Helical Gears Parallel Axis Steel MOD 2.5

PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1 - 5	
						SH	PSH	SH	PSH
SH2.5-32	32	84.00	89.00	45	20	1.298	1.200	£41.79	£36.26
SH2.5-33	33	86.63	91.63	45	20	1.379	1.281	£42.29	£37.29
SH2.5-34	34	89.25	94.25	45	20	1.462	1.364	£43.33	£38.31
SH2.5-35	35	91.88	96.88	45	20	1.548	1.450	£44.33	£39.31
SH2.5-36	36	94.50	99.50	45	20	1.636	1.538	£46.71	£42.48
SH2.5-37	37	97.13	102.13	45	20	1.727	1.629	£47.36	£43.20
SH2.5-38	38	99.75	104.75	45	20	1.820	1.722	£48.69	£43.94
SH2.5-39	39	102.38	107.38	45	20	1.915	1.818	£49.40	£44.69
SH2.5-40	40	105.00	110.00	50	20	2.042	1.916	£50.61	£45.43
SH2.5-41	41	107.63	112.63	50	20	2.143	2.017	£51.83	£46.03
SH2.5-42	42	110.25	115.25	50	20	2.246	2.119	£52.65	£46.61
SH2.5-43	43	112.88	117.88	50	20	2.351	2.225	£53.18	£47.26
SH2.5-44	44	115.50	120.50	50	20	2.459	2.333	£53.80	£47.80
SH2.5-45	45	118.13	123.13	50	20	2.570	2.444	£54.49	£48.44
SH2.5-46	46	120.75	125.75	50	20	2.683	2.557	£55.76	£49.40
SH2.5-47	47	123.38	128.38	50	20	2.799	2.673	£56.84	£50.41
SH2.5-48	48	126.00	131.00	50	20	2.917	2.790	£58.38	£51.38
SH2.5-49	49	128.63	133.63	50	20	3.037	2.911	£59.98	£52.89
SH2.5-50	50	131.25	136.25	50	20	3.160	3.034	£61.60	£54.31
SH2.5-51	51	133.88	138.88	50	20	3.286	3.160	£61.87	£55.05
SH2.5-52	52	136.50	141.50	50	20	3.413	3.287	£62.13	£55.83
SH2.5-53	53	139.13	144.13	50	20	3.544	3.418	£63.62	£56.54
SH2.5-54	54	141.75	146.75	50	20	3.677	3.551	£64.27	£57.27
SH2.5-55	55	144.38	149.38	50	20	3.813	3.686	£70.52	£60.25
SH2.5-56	56	147.00	152.00	50	20	3.950	3.824	£71.75	£60.81
SH2.5-57	57	149.63	154.63	50	20	4.091	3.965	£73.05	£61.39
SH2.5-58	58	152.25	157.25	50	20	4.233	4.107	£74.07	£61.95
SH2.5-59	59	154.88	159.88	50	20	4.379	4.253	£75.21	£62.56
SH2.5-60	60	157.50	162.50	50	20	4.527	4.400	£76.44	£63.13
SH2.5-62	62	162.75	167.75	50	20	4.830	4.704	£86.57	£75.57
SH2.5-64	64	168.00	173.00	50	20	5.143	5.017	£97.72	£87.92
SH2.5-65	65	170.63	175.63	50	20	5.303	5.177	£104.72	£93.88
SH2.5-66	66	173.25	178.25	50	20	5.466	5.340	£115.14	£96.89
SH2.5-68	68	178.50	183.50	50	20	5.799	5.673	£120.24	£100.06
SH2.5-70	70	183.75	188.75	50	20	6.142	6.016	£127.50	£106.01
SH2.5-71	71	186.38	191.38	50	20	6.317	6.191	£135.28	£112.71
SH2.5-72	72	189.00	194.00	50	20	6.495	6.368	£143.48	£119.60
SH2.5-73	73	191.63	196.63	50	20	6.675	6.549	£148.78	£123.95
SH2.5-74	74	194.25	199.25	50	20	6.857	6.731	£154.70	£128.86
SH2.5-75	75	196.88	201.88	50	20	7.043	6.917	£160.60	£133.80
SH2.5-76	76	199.50	204.50	50	20	7.230	7.104	£166.49	£138.69
SH2.5-78	78	204.75	209.75	50	20	7.613	7.487	£169.50	£141.27
SH2.5-80	80	210.00	215.00	50	20	8.005	7.879	£172.50	£143.76
SH2.5-86	86	225.75	230.75	50	20	9.243	9.117	£175.82	£146.47
SH2.5-90	90	236.25	241.25	50	20	10.117	9.991	£192.33	£160.24
SH2.5-96	96	252.00	257.00	50	20	11.504	11.378	£207.04	£172.50
SH2.5-98	98	257.25	262.25	50	20	11.986	11.860	£218.93	£182.44
SH2.5-100	100	262.50	267.50	50	20	12.478	12.352	£245.69	£204.76
SH2.5-105	105	275.63	280.63	50	20	13.752	13.626	£266.50	£222.04
SH2.5-110	110	288.75	293.75	50	20	15.087	14.961	£282.87	£235.71
SH2.5-115	115	301.88	306.88	100	20	16.936	16.359	£308.18	£256.80

Helical Gears Parallel Axis Steel MOD 2.5

Up to Ø750 mm

Please consult Technical for larger sizes.



Helical Gears

Materials

Plastic - Parallel Axis

2.5 MOD 17°45' H.A.
20° P.A.

STD : White Delrin
(fully machined)

SPECIALS : up to Ø750 mm



TORQUE CHECK		
50 teeth x 1000 rpm		
variations at back	TORQUE Nm.	12.00

RH 17°45'

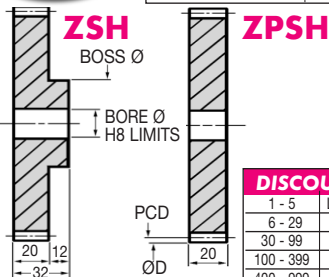


LH 17°45'

RH runs with LH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



DISCOUNTS

	1 - 5	List Price
6 - 29	-	- 22%
30 - 99	-	- 44%
100 - 399	-	- 47%
400 - 999	-	- 50%
1000 - 5000	-	- 53%

PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)	PRICE EACH 1 - 5		
							ZSH	ZPSH	
ZSH2.5-9	9	26.25	31.25	30	10	0.113	0.071	£11.67	£8.85
ZSH2.5-10	10	26.25	31.25	30	10	0.113	0.071	£11.68	£8.86
ZSH2.5-11	11	28.88	33.88	30	10	0.140	0.088	£11.69	£8.87
ZSH2.5-12	12	31.50	36.50	30	12	0.132	0.102	£11.70	£8.88
ZSH2.5-13	13	34.13	39.13	30	12	0.159	0.123	£13.51	£10.33
ZSH2.5-14	14	36.75	41.75	30	12	0.188	0.145	£14.12	£10.82
ZSH2.5-15	15	39.38	44.38	30	12	0.202	0.169	£14.15	£11.52
ZSH2.5-16	16	42.00	47.00	30	12	0.234	0.195	£15.90	£12.18
ZSH2.5-17	17	44.63	49.63	30	12	0.266	0.222	£19.46	£14.94
ZSH2.5-18	18	47.25	52.25	30	12	0.301	0.251	£20.21	£15.47
ZSH2.5-19	19	49.88	54.88	30	12	0.338	0.282	£20.76	£15.90
ZSH2.5-20	20	52.50	57.50	30	12	0.376	0.314	£21.48	£16.18
ZSH2.5-21	21	55.13	60.13	30	12	0.417	0.348	£24.94	£19.13
ZSH2.5-22	22	57.75	62.75	30	12	0.460	0.384	£25.81	£19.78
ZSH2.5-23	23	60.38	65.38	30	12	0.505	0.421	£26.49	£20.30
ZSH2.5-24	24	63.00	68.00	30	12	0.552	0.460	£27.34	£20.93
ZSH2.5-25	25	65.63	70.63	30	12	0.580	0.500	£28.74	£22.04
ZSH2.5-26	26	68.25	73.25	30	12	0.597	0.543	£30.19	£23.15
ZSH2.5-27	27	70.88	75.88	30	12	0.641	0.587	£32.67	£25.06
ZSH2.5-28	28	73.50	78.50	35	15	0.694	0.622	£33.52	£25.74
ZSH2.5-29	29	76.13	81.13	35	15	0.742	0.670	£34.61	£26.53
ZSH2.5-30	30	78.75	83.75	35	15	0.791	0.718	£35.80	£27.42
ZSH2.5-31	31	81.38	86.38	35	15	0.841	0.769	£36.67	£28.14

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PART NUMBER	TEETH	PCD (mm)	ØD (mm)	BOSS Ø (mm)	BORE Ø (mm)	WEIGHT (kg)		PRICE EACH 1 - 5	
						ZSH	ZPSH	ZSH	ZPSH
ZSH2.5-32	32	84.00	89.00	35	15	0.893	0.821	£42.17	£32.36
ZSH2.5-33	33	86.63	91.63	35	15	0.947	0.875	£42.69	£32.75
ZSH2.5-34	34	89.25	94.25	35	15	1.003	0.930	£43.72	£33.52
ZSH2.5-35	35	91.88	96.88	35	15	1.060	0.988	£44.73	£34.30
ZSH2.5-36	36	94.50	99.50	45	17	1.164	1.039	£47.08	£36.21
ZSH2.5-37	37	97.13	102.13	45	17	1.224	1.099	£47.79	£36.65
ZSH2.5-38	38	99.75	104.75	45	17	1.286	1.161	£49.14	£37.65
ZSH2.5-39	39	102.38	107.38	45	17	1.350	1.225	£49.74	£38.24
ZSH2.5-40	40	105.00	110.00	45	17	1.416	1.290	£51.05	£39.20
ZSH2.5-41	41	107.63	112.63	45	17	1.483	1.358	£52.28	£40.12
ZSH2.5-42	42	110.25	115.25	45	17	1.552	1.426	£53.11	£40.72
ZSH2.5-43	43	112.88	117.88	45	17	1.622	1.497	£53.64	£41.15
ZSH2.5-44	44	115.50	120.50	45	17	1.694	1.569	£59.69	£45.82
ZSH2.5-45	45	118.13	123.13	45	17	1.768	1.643	£60.48	£46.45
ZSH2.5-46	46	120.75	125.75	45	17	1.843	1.718	£61.91	£47.50
ZSH2.5-47	47	123.38	128.38	45	17	1.920	1.795	£63.09	£48.39
ZSH2.5-48	48	126.00	131.00	45	17	1.999	1.874	£64.80	£49.71
ZSH2.5-49	49	128.63	133.63	45	17	2.079	1.954	£66.54	£51.05
ZSH2.5-50	50	131.25	136.25	45	17	2.161	2.036	£68.38	£52.46
ZSH2.5-51	51	133.88	138.88	45	17	2.245	2.120	£68.95	£52.91
ZSH2.5-52	52	136.50	141.50	45	17	2.330	2.205	£68.96	£52.92
ZSH2.5-53	53	139.13	144.13	45	17	2.417	2.292	£77.01	£59.12
ZSH2.5-54	54	141.75	146.75	45	17	2.506	2.380	£77.86	£61.77
ZSH2.5-55	55	144.38	149.38	45	17	2.596	2.471	£85.23	£65.49
ZSH2.5-56	56	147.00	152.00	45	17	2.688	2.563	£86.88	£66.62
ZSH2.5-57	57	149.63	154.63	60	20	2.874	2.643	£88.46	£67.87
ZSH2.5-58	58	152.25	157.25	60	20	2.969	2.738	£98.72	£76.61
ZSH2.5-59	59	154.88	159.88	60	20	3.066	2.835	£100.56	£76.97
ZSH2.5-60	60	157.50	162.50	60	20	3.164	2.934	£113.48	£87.15
ZSH2.5-62	62	162.75	167.75	60	20	3.367	3.136	£128.27	£98.36
ZSH2.5-64	64	168.00	173.00	60	20	3.575	3.344	£137.36	£105.45
ZSH2.5-65	65	170.63	175.63	60	20	3.682	3.451	£151.06	£115.89
ZSH2.5-66	66	173.25	178.25	60	20	3.791	3.560	£157.71	£121.02
ZSH2.5-68	68	178.50	183.50	60	20	4.013	3.782	£167.34	£128.27
ZSH2.5-70	70	183.75	188.75	60	20	4.241	4.010	£177.47	£136.17
ZSH2.5-71	71	186.38	191.38	60	20	4.358	4.127	£188.17	£144.42
ZSH2.5-72	72	189.00	194.00	60	20	4.476	4.246	£195.17	£149.75
ZSH2.5-73	73	191.63	196.63	60	20	4.597	4.366	£234.13	£179.67
ZSH2.5-74	74	194.25	199.25	60	20	4.718	4.487	£243.14	£186.68
ZSH2.5-75	75	196.88	201.88	60	20	4.842	4.611	£252.03	£194.66

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.

