

Helical Gears

Materials

Steel - Parallel Axis

STD : Steel 214M15/045M10

32 DP

17°45' H.A.

20° P.A.

ALTERNATIVE : Brass, Tufnol or Delrin

SPECIAL TEETH : between 9 - 200

TORQUE CHECK 50 teeth x 1000 rpm		214M15 303S21	214M15 Cse/HD	Brass	Tufnol
variations at back	TORQUE Nm.	2.12	8.38	1.06	0.76
	K.W.	0.224	0.88	0.112	0.082



RH 17°45'

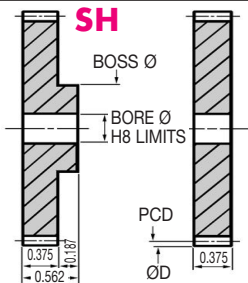


LH 17°45'

LH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



DISCOUNTS	
1 - 5	List Price
6 - 19	- 12%
20 - 39	- 25%
40 - 59	- 33%
60 - 99	- 37%
100 - 200	- 42%

PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1 - 5	
						SH	PSH
SH32-9	9	0.328	0.391	0.391	0.187	£10.22	£8.19
SH32-10	10	0.328	0.391	0.391	0.187	£10.42	£8.43
SH32-11	11	0.361	0.423	0.423	0.187	£10.75	£8.66
SH32-12	12	0.394	0.456	0.456	0.187	£12.04	£10.01
SH32-13	13	0.427	0.489	0.489	0.187	£12.66	£10.22
SH32-14	14	0.459	0.522	0.500	0.187	£13.09	£10.42
SH32-15	15	0.492	0.555	0.500	0.187	£13.54	£10.57
SH32-16	16	0.525	0.588	0.500	0.187	£13.92	£10.80
SH32-17	17	0.558	0.620	0.500	0.187	£13.98	£10.82
SH32-18	18	0.591	0.653	0.500	0.187	£14.15	£10.99
SH32-19	19	0.623	0.686	0.500	0.187	£14.32	£11.28
SH32-20	20	0.656	0.719	0.500	0.187	£14.44	£11.36
SH32-21	21	0.689	0.752	0.500	0.187	£14.64	£11.59
SH32-22	22	0.722	0.784	0.500	0.187	£14.72	£11.77
SH32-23	23	0.755	0.817	0.500	0.187	£14.90	£11.93
SH32-24	24	0.788	0.850	0.500	0.187	£15.07	£12.09
SH32-25	25	0.820	0.883	0.500	0.187	£15.23	£12.23
SH32-26	26	0.853	0.916	0.500	0.187	£15.45	£12.39
SH32-27	27	0.886	0.948	0.500	0.187	£15.55	£12.51
SH32-28	28	0.919	0.981	0.500	0.187	£15.70	£12.69
SH32-29	29	0.952	1.014	0.500	0.187	£15.82	£12.83
SH32-30	30	0.984	1.047	0.625	0.250	£15.90	£13.00
SH32-31	31	1.017	1.080	0.625	0.250	£16.04	£13.13

Helical Gears Parallel Axis Steel DP 32

24.54



Unit 14, Foxwood Ind. Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN
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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (ins)	PRICE EACH 1 - 5	
						SH	PSH
SH32-32	32	1.050	1.113	0.625	0.250	£16.24	£13.27
SH32-33	33	1.083	1.145	0.625	0.250	£16.27	£13.30
SH32-34	34	1.116	1.178	0.625	0.250	£16.35	£13.31
SH32-35	35	1.148	1.211	0.625	0.250	£16.44	£13.41
SH32-36	36	1.181	1.244	0.625	0.250	£16.48	£13.48
SH32-37	37	1.214	1.277	0.625	0.250	£16.49	£13.59
SH32-38	38	1.247	1.309	0.625	0.250	£16.56	£13.64
SH32-39	39	1.280	1.342	0.625	0.250	£16.60	£13.70
SH32-40	40	1.313	1.375	0.625	0.250	£16.65	£13.77
SH32-41	41	1.345	1.408	0.625	0.250	£16.68	£13.92
SH32-42	42	1.378	1.441	0.625	0.250	£16.72	£13.95
SH32-43	43	1.411	1.473	0.625	0.250	£16.77	£13.98
SH32-44	44	1.444	1.506	0.625	0.250	£16.77	£14.05
SH32-45	45	1.477	1.539	0.625	0.250	£16.81	£14.15
SH32-46	46	1.509	1.572	0.625	0.250	£16.83	£14.25
SH32-47	47	1.542	1.605	0.625	0.250	£16.90	£14.32
SH32-48	48	1.575	1.638	0.625	0.250	£16.92	£14.36
SH32-49	49	1.608	1.670	0.625	0.250	£16.94	£14.44
SH32-50	50	1.641	1.703	0.625	0.250	£16.95	£14.50
SH32-51	51	1.673	1.736	0.625	0.250	£16.98	£14.64
SH32-52	52	1.706	1.769	0.625	0.250	£16.99	£14.65
SH32-53	53	1.739	1.802	0.625	0.250	£17.06	£14.67
SH32-54	54	1.772	1.834	0.625	0.250	£17.13	£14.68
SH32-55	55	1.805	1.867	0.625	0.250	£17.13	£14.72
SH32-56	56	1.838	1.900	0.625	0.250	£17.18	£14.73
SH32-57	57	1.870	1.933	0.625	0.250	£17.25	£15.00
SH32-58	58	1.903	1.966	0.625	0.250	£17.26	£15.19
SH32-59	59	1.936	1.998	0.625	0.250	£17.28	£15.41
SH32-60	60	1.969	2.031	0.625	0.250	£17.51	£15.65
SH32-61	61	2.002	2.064	0.625	0.250	£17.87	£15.90
SH32-62	62	2.034	2.097	0.625	0.250	£18.30	£16.13
SH32-63	63	2.067	2.130	0.625	0.250	£19.13	£16.35
SH32-64	64	2.100	2.163	0.750	0.312	£19.59	£16.65
SH32-66	66	2.166	2.228	0.750	0.312	£19.95	£17.13
SH32-68	68	2.231	2.294	0.750	0.312	£20.36	£17.62
SH32-70	70	2.297	2.359	0.750	0.312	£21.07	£17.87
SH32-75	75	2.461	2.523	0.750	0.312	£21.38	£18.66
SH32-76	76	2.494	2.556	0.750	0.312	£21.65	£19.27
SH32-80	80	2.625	2.688	0.750	0.312	£21.97	£20.08
SH32-86	86	2.822	2.884	0.750	0.312	£22.69	£20.92
SH32-88	88	2.888	2.950	0.750	0.312	£23.42	£21.74
SH32-90	90	2.953	3.016	0.750	0.312	£24.81	£22.30
SH32-96	96	3.150	3.213	0.750	0.312	£26.20	£22.78
SH32-100	100	3.281	3.344	0.750	0.312	£27.40	£23.81
SH32-112	112	3.675	3.738	0.750	0.312	£29.01	£25.22
SH32-120	120	3.938	4.000	0.750	0.375	£30.51	£25.58
SH32-127	127	4.167	4.230	0.750	0.375	£34.75	£25.95
SH32-128	128	4.200	4.263	0.750	0.375	£38.54	£26.20
SH32-140	140	4.594	4.656	1.000	0.500	£42.48	£36.91
SH32-150	150	4.922	4.984	1.000	0.500	£47.62	£38.08
SH32-175	175	5.742	5.805	1.000	0.500	£51.77	£41.45
SH32-200	200	6.563	6.625	1.500	0.750	£56.15	£44.97

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



Helical Gears

Materials

Plastic - Parallel Axis

32 DP

17°45' H.A.

20° P.A.

STD : White Delrin
(fully machined)

SPECIAL TEETH : between 9 - 140

SPECIALS
ON DEMAND

TORQUE CHECK	
50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 0.50



RH 17°45'

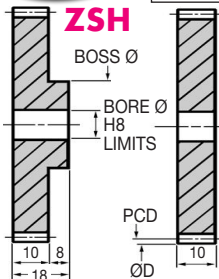


LH 17°45'

LH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



ZPSH

DISCOUNTS

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

PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (mm)	PRICE EACH 1 - 5	
						ZSH	ZPSH
ZSH32-9	9	0.328	0.391	0.391	3	£5.95	£3.88
ZSH32-10	10	0.328	0.391	0.391	3	£6.01	£3.96
ZSH32-11	11	0.361	0.423	0.423	3	£6.02	£4.08
ZSH32-12	12	0.394	0.456	0.456	3	£6.03	£4.59
ZSH32-13	13	0.427	0.489	0.489	3	£6.32	£4.83
ZSH32-14	14	0.459	0.522	0.522	3	£6.54	£4.99
ZSH32-15	15	0.492	0.555	0.555	3	£6.75	£5.19
ZSH32-16	16	0.525	0.588	0.588	3	£6.95	£5.30
ZSH32-17	17	0.558	0.620	0.620	3	£7.02	£5.33
ZSH32-18	18	0.591	0.653	0.551	4	£7.04	£5.46
ZSH32-19	19	0.623	0.686	0.551	4	£7.14	£5.48
ZSH32-20	20	0.656	0.719	0.551	4	£7.27	£5.52
ZSH32-21	21	0.689	0.752	0.551	4	£7.36	£5.55
ZSH32-22	22	0.722	0.784	0.551	4	£7.38	£5.58
ZSH32-23	23	0.755	0.817	0.551	4	£7.45	£5.73
ZSH32-24	24	0.788	0.850	0.551	4	£7.63	£5.79
ZSH32-25	25	0.820	0.883	0.551	4	£7.64	£5.83
ZSH32-26	26	0.853	0.916	0.551	4	£7.73	£5.90
ZSH32-27	27	0.886	0.948	0.551	4	£7.75	£5.95
ZSH32-28	28	0.919	0.981	0.551	4	£7.87	£6.03
ZSH32-29	29	0.952	1.014	0.551	4	£7.94	£6.06
ZSH32-30	30	0.984	1.047	0.590	5	£7.99	£6.10
ZSH32-31	31	1.017	1.080	0.590	5	£8.02	£6.14

24.56



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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (mm)	PRICE EACH 1 - 5	
						ZSH	ZPSH
ZSH32-32	32	1.050	1.113	0.590	5	£8.12	£6.15
ZSH32-33	33	1.083	1.145	0.590	5	£8.18	£6.30
ZSH32-34	34	1.116	1.178	0.590	5	£8.73	£6.68
ZSH32-35	35	1.148	1.211	0.590	5	£9.04	£6.95
ZSH32-36	36	1.181	1.244	0.590	5	£9.08	£6.99
ZSH32-37	37	1.214	1.277	0.590	5	£9.20	£7.01
ZSH32-38	38	1.247	1.309	0.590	5	£9.21	£7.02
ZSH32-39	39	1.280	1.342	0.590	5	£9.22	£7.03
ZSH32-40	40	1.313	1.375	0.590	5	£9.24	£7.04
ZSH32-41	41	1.345	1.408	0.590	5	£9.26	£7.05
ZSH32-42	42	1.378	1.441	0.590	5	£9.28	£7.08
ZSH32-43	43	1.411	1.473	0.590	5	£9.30	£7.09
ZSH32-44	44	1.444	1.506	0.590	5	£9.31	£7.10
ZSH32-45	45	1.477	1.539	0.590	5	£9.32	£7.12
ZSH32-46	46	1.509	1.572	0.590	5	£9.35	£7.14
ZSH32-47	47	1.542	1.605	0.590	5	£9.37	£7.16
ZSH32-48	48	1.575	1.638	0.590	5	£9.38	£7.20
ZSH32-49	49	1.608	1.670	0.590	5	£9.40	£7.27
ZSH32-50	50	1.641	1.703	0.590	5	£9.47	£7.27
ZSH32-51	51	1.673	1.736	0.590	5	£9.47	£7.28
ZSH32-52	52	1.706	1.769	0.590	5	£9.48	£7.31
ZSH32-53	53	1.739	1.802	0.590	5	£9.49	£7.32
ZSH32-54	54	1.772	1.834	0.590	5	£9.51	£7.34
ZSH32-55	55	1.805	1.867	0.590	5	£9.53	£7.36
ZSH32-56	56	1.838	1.900	0.590	5	£9.55	£7.37
ZSH32-57	57	1.870	1.933	0.708	6	£9.57	£7.38
ZSH32-58	58	1.903	1.966	0.708	6	£9.60	£7.39
ZSH32-59	59	1.936	1.998	0.708	6	£10.79	£7.72
ZSH32-60	60	1.969	2.031	0.708	6	£10.87	£8.12
ZSH32-61	61	2.002	2.064	0.708	6	£10.99	£8.45
ZSH32-62	62	2.034	2.097	0.708	6	£11.21	£8.59
ZSH32-63	63	2.067	2.130	0.708	6	£11.51	£8.81
ZSH32-64	64	2.100	2.163	0.708	6	£12.06	£9.20
ZSH32-66	66	2.166	2.228	0.708	6	£12.33	£9.48
ZSH32-68	68	2.231	2.294	0.708	6	£12.52	£9.60
ZSH32-70	70	2.297	2.359	0.708	6	£12.78	£9.82
ZSH32-75	75	2.461	2.523	0.708	6	£15.93	£12.16
ZSH32-76	76	2.494	2.556	0.708	6	£16.18	£12.39
ZSH32-80	80	2.625	2.688	0.708	6	£16.29	£12.52
ZSH32-86	86	2.822	2.884	0.708	6	£16.56	£12.75
ZSH32-88	88	2.888	2.950	0.708	6	£17.13	£13.13
ZSH32-90	90	2.953	3.016	0.708	6	£20.08	£15.38
ZSH32-96	96	3.150	3.213	0.708	6	£21.27	£16.29
ZSH32-100	100	3.281	3.344	0.866	8	£22.44	£17.18
ZSH32-112	112	3.675	3.738	0.866	8	£23.53	£17.99
ZSH32-120	120	3.938	4.000	0.866	10	£29.28	£22.44
ZSH32-127	127	4.167	4.230	0.866	10	£37.02	£30.17
ZSH32-128	128	4.200	4.263	0.866	10	£46.21	£39.36
ZSH32-140	140	4.594	4.656	1.181	12	£58.16	£51.31

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

