

Helical Gears

Materials

Steel - Parallel Axis

STD : Steel 214M15/045M10

10 DP

17°45' H.A.

20° P.A.

ALTERNATIVE : Brass, Tufnol or Delrin

SPECIALS : up to Ø750 mm

TORQUE CHECK 50 teeth x 1000 rpm	214M15 303S21	214M15 Cse/HD	Brass	Tufnol	
variations at back	TORQUE Nm.	69.40	274.55	34.70	24.79
	K.W.	7.273	28.773	3.640	2.596



RH 17°45'

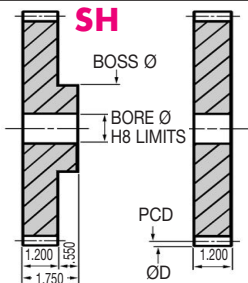


LH 17°45'

LH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



PSH

DISCOUNTS

	List Price
1 - 5	
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
SH10-9	9	1.050	1.250	1.200	0.625	£24.67	£16.29
SH10-10	10	1.050	1.250	1.200	0.625	£24.70	£16.32
SH10-11	11	1.155	1.355	1.200	0.625	£24.72	£16.35
SH10-12	12	1.260	1.460	1.200	0.625	£24.73	£16.38
SH10-13	13	1.365	1.565	1.200	0.625	£25.31	£16.99
SH10-14	14	1.470	1.670	1.200	0.625	£26.53	£18.18
SH10-15	15	1.575	1.775	1.200	0.625	£28.14	£19.98
SH10-16	16	1.680	1.880	1.200	0.625	£29.81	£21.91
SH10-17	17	1.785	1.985	1.200	0.625	£30.55	£21.97
SH10-18	18	1.890	2.090	1.500	0.750	£31.50	£23.74
SH10-19	19	1.995	2.195	1.500	0.750	£32.35	£24.58
SH10-20	20	2.100	2.300	1.750	0.750	£33.50	£25.69
SH10-21	21	2.205	2.405	1.750	0.750	£34.77	£26.67
SH10-22	22	2.310	2.510	1.750	0.750	£35.47	£27.64
SH10-23	23	2.415	2.615	1.750	0.750	£36.67	£28.57
SH10-24	24	2.520	2.720	1.750	0.750	£37.47	£29.52
SH10-25	25	2.625	2.825	1.750	0.750	£38.58	£30.48
SH10-26	26	2.730	2.930	1.750	0.750	£39.55	£31.50
SH10-27	27	2.835	3.035	1.750	0.750	£40.59	£32.35
SH10-28	28	2.940	3.140	1.750	0.750	£41.53	£33.43
SH10-29	29	3.045	3.245	1.750	0.750	£42.76	£34.47
SH10-30	30	3.150	3.350	1.750	0.750	£43.56	£35.44
SH10-31	31	3.255	3.455	1.750	0.750	£44.91	£37.34

Helical Gears Parallel Axis Steel DP10

24.74



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
SH10-32	32	3.360	3.560	1.750	0.750	£46.48	£39.05
SH10-33	33	3.465	3.665	1.750	0.750	£47.35	£40.34
SH10-34	34	3.570	3.770	1.750	0.750	£48.25	£41.53
SH10-35	35	3.675	3.875	1.750	0.750	£49.27	£42.76
SH10-36	36	3.780	3.980	1.750	0.750	£52.23	£46.36
SH10-37	37	3.885	4.085	1.750	0.750	£53.45	£47.51
SH10-38	38	3.990	4.190	1.750	0.750	£54.13	£48.40
SH10-39	39	4.095	4.295	1.750	0.750	£54.53	£49.35
SH10-40	40	4.200	4.400	1.970	0.750	£55.09	£50.10
SH10-41	41	4.305	4.505	1.970	0.750	£57.36	£51.71
SH10-42	42	4.410	4.610	1.970	0.750	£59.65	£53.59
SH10-43	43	4.515	4.715	1.970	0.750	£61.12	£54.53
SH10-44	44	4.620	4.820	1.970	0.750	£62.31	£55.46
SH10-45	45	4.725	4.925	1.970	0.750	£64.26	£57.07
SH10-46	46	4.830	5.030	1.970	0.750	£65.75	£58.01
SH10-47	47	4.935	5.135	1.970	0.750	£67.38	£58.93
SH10-48	48	5.040	5.240	1.970	0.750	£68.84	£60.54
SH10-49	49	5.145	5.345	1.970	0.750	£70.73	£62.31
SH10-50	50	5.250	5.450	1.970	0.750	£72.63	£64.06
SH10-51	51	5.355	5.555	1.970	0.750	£73.27	£64.86
SH10-52	52	5.460	5.660	1.970	0.750	£74.09	£65.75
SH10-53	53	5.565	5.765	1.970	0.750	£74.93	£66.70
SH10-54	54	5.670	5.870	1.970	0.750	£75.78	£67.53
SH10-55	55	5.775	5.975	1.970	0.750	£83.17	£71.06
SH10-56	56	5.880	6.080	1.970	0.750	£84.70	£71.56
SH10-57	57	5.985	6.185	1.970	0.750	£86.02	£72.27
SH10-58	58	6.090	6.290	1.970	0.750	£87.81	£72.94
SH10-59	59	6.195	6.395	1.970	0.750	£88.63	£73.68
SH10-60	60	6.300	6.500	1.970	0.750	£90.14	£74.45
SH10-62	62	6.510	6.710	1.970	0.750	£101.19	£79.67
SH10-64	64	6.720	6.920	1.970	0.750	£115.86	£85.39
SH10-66	66	6.930	7.130	1.970	0.750	£123.51	£89.11
SH10-68	68	7.140	7.340	1.970	0.750	£137.94	£94.72
SH10-70	70	7.350	7.550	1.970	0.750	£141.88	£98.88
SH10-71	71	7.455	7.655	1.970	0.750	£149.32	£103.68
SH10-72	72	7.560	7.760	1.970	0.750	£155.26	£105.64
SH10-73	73	7.665	7.865	1.970	0.750	£162.98	£108.43
SH10-74	74	7.770	7.970	1.970	0.750	£175.50	£110.39
SH10-75	75	7.875	8.075	1.970	0.750	£182.48	£115.07
SH10-76	76	7.980	8.180	1.970	0.750	£189.44	£118.22
SH10-78	78	8.190	8.390	1.970	0.750	£196.40	£132.32
SH10-80	80	8.400	8.600	1.970	0.750	£199.95	£138.90
SH10-86	86	9.030	9.230	1.970	0.750	£203.50	£145.60
SH10-90	90	9.450	9.650	1.970	0.750	£207.42	£165.90
SH10-96	96	10.080	10.280	1.970	0.750	£226.88	£181.49
SH10-98	98	10.290	10.490	1.970	0.750	£256.09	£204.86
SH10-100	100	10.500	10.700	1.970	0.750	£258.26	£206.62
SH10-105	105	11.025	11.225	1.970	0.750	£276.48	£221.17
SH10-110	110	11.550	11.750	1.970	0.750	£303.37	£242.66

Up to Ø750 mm

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

STD : White Delrin
(fully machined)

10 DP

17°45' H.A.
20° P.A.

SPECIALS : between Ø750 mm



SPECIALS
ON DEMAND

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

RH 17°45'

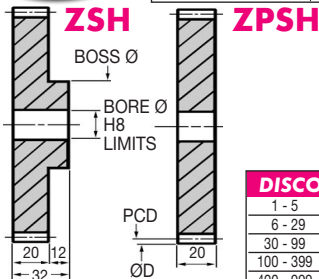


LH 17°45'

LH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



DISCOUNTS

	List Price
1 - 5	
6 - 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
ZSH10-9	9	1.050	1.250	1.181	10	£13.63	£10.43
ZSH10-10	10	1.050	1.250	1.181	10	£13.64	£10.44
ZSH10-11	11	1.155	1.355	1.181	10	£13.65	£10.45
ZSH10-12	12	1.260	1.460	1.181	12	£13.68	£10.46
ZSH10-13	13	1.365	1.565	1.181	12	£15.93	£12.16
ZSH10-14	14	1.470	1.670	1.181	12	£16.68	£12.78
ZSH10-15	15	1.575	1.775	1.181	12	£17.67	£13.57
ZSH10-16	16	1.680	1.880	1.181	12	£18.74	£14.35
ZSH10-17	17	1.785	1.985	1.181	12	£23.08	£17.67
ZSH10-18	18	1.890	2.090	1.181	12	£23.83	£18.23
ZSH10-19	19	1.995	2.195	1.181	12	£24.46	£18.74
ZSH10-20	20	2.100	2.300	1.181	12	£25.33	£19.40
ZSH10-21	21	2.205	2.405	1.181	12	£26.30	£20.15
ZSH10-22	22	2.310	2.510	1.181	12	£26.85	£20.57
ZSH10-23	23	2.415	2.615	1.181	12	£27.68	£21.24
ZSH10-24	24	2.520	2.720	1.181	12	£28.37	£21.71
ZSH10-25	25	2.625	2.825	1.181	12	£29.16	£22.36
ZSH10-26	26	2.730	2.930	1.181	12	£33.88	£25.97
ZSH10-27	27	2.835	3.035	1.181	12	£34.84	£26.68
ZSH10-28	28	2.940	3.140	1.378	15	£35.58	£27.30
ZSH10-29	29	3.045	3.245	1.378	15	£36.67	£28.13
ZSH10-30	30	3.150	3.350	1.378	15	£37.34	£28.66
ZSH10-31	31	3.255	3.455	1.378	15	£38.47	£29.67

Helical Gears Parallel Axis Plastic DP 10

24.76



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PART NUMBER	TEETH	PCD (ins)	ØD (ins)	BOSS Ø (ins)	BORE Ø (mm)	PRICE EACH 1 - 5	
						ZSH	ZPSH
ZSH10-32	32	3.360	3.560	1.378	15	£42.17	£30.55
ZSH10-33	33	3.465	3.665	1.378	15	£43.00	£31.42
ZSH10-34	34	3.570	3.770	1.378	15	£43.79	£33.61
ZSH10-35	35	3.675	3.875	1.378	15	£44.73	£34.29
ZSH10-36	36	3.780	3.980	1.771	17	£47.44	£36.34
ZSH10-37	37	3.885	4.085	1.771	17	£53.87	£41.36
ZSH10-38	38	3.990	4.190	1.771	17	£54.57	£41.89
ZSH10-39	39	4.095	4.295	1.771	17	£55.01	£42.17
ZSH10-40	40	4.200	4.400	1.771	17	£55.52	£42.60
ZSH10-41	41	4.305	4.505	1.771	17	£57.91	£44.38
ZSH10-42	42	4.410	4.610	1.771	17	£60.21	£46.16
ZSH10-43	43	4.515	4.715	1.771	17	£61.60	£47.27
ZSH10-44	44	4.620	4.820	1.771	17	£62.84	£48.24
ZSH10-45	45	4.725	4.925	1.771	17	£71.35	£54.69
ZSH10-46	46	4.830	5.030	1.771	17	£73.00	£56.03
ZSH10-47	47	4.935	5.135	1.771	17	£74.74	£57.36
ZSH10-48	48	5.040	5.240	1.771	17	£76.42	£58.63
ZSH10-49	49	5.145	5.345	1.771	17	£77.48	£60.21
ZSH10-50	50	5.250	5.450	1.771	17	£80.64	£61.83
ZSH10-51	51	5.355	5.555	1.771	17	£81.33	£62.42
ZSH10-52	52	5.460	5.660	1.771	17	£89.75	£69.01
ZSH10-53	53	5.565	5.765	1.771	17	£90.75	£69.61
ZSH10-54	54	5.670	5.870	1.771	17	£91.71	£70.39
ZSH10-55	55	5.775	5.975	1.771	17	£100.69	£77.24
ZSH10-56	56	5.880	6.080	1.771	17	£102.58	£78.67
ZSH10-57	57	5.985	6.185	2.362	20	£104.13	£79.99
ZSH10-58	58	6.090	6.290	2.362	20	£106.31	£81.59
ZSH10-59	59	6.195	6.395	2.362	20	£116.24	£89.22
ZSH10-60	60	6.300	6.500	2.362	20	£118.29	£100.86
ZSH10-62	62	6.510	6.710	2.362	20	£132.70	£101.89
ZSH10-64	64	6.720	6.920	2.362	20	£152.01	£116.59
ZSH10-66	66	6.930	7.130	2.362	20	£162.03	£124.40
ZSH10-68	68	7.140	7.340	2.362	20	£180.90	£138.83
ZSH10-70	70	7.350	7.550	2.362	20	£186.11	£142.80
ZSH10-71	71	7.455	7.655	2.362	20	£195.90	£150.28
ZSH10-72	72	7.560	7.760	2.362	20	£203.69	£154.62
ZSH10-73	73	7.665	7.865	2.362	20	£246.70	£189.33
ZSH10-74	74	7.770	7.970	2.362	20	£265.69	£203.94
ZSH10-75	75	7.875	8.075	2.362	20	£276.18	£211.94

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.

