

# Helical Gears

## Materials

Steel - Parallel Axis

STD : Steel 214M15/045M10

17°45'H.A.

ALTERNATIVE : Brass or Tufnol

6 MOD

20° P.A.

SPECIAL TEETH : between 9 - 30



TORQUE CHECK 50 teeth x 1000 rpm		214M15 303S21	214M15 Cse/HD	Brass	Tufnol
variations at back	TORQUE Nm.	790	4680	395	315
	K.W.	82.8	490	58	33

RH 17°45'

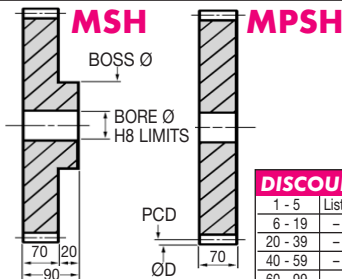


LH 17°45'

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	
						MSH	MPSH	MSH	MPSH
MSH6-9	9	56.70	68.70	45	25	0.720	0.590	£71.28	£62.77
MSH6-10	10	63.00	75.00	45	25	0.720	0.590	£71.34	£62.79
MSH6-11	11	69.30	81.30	45	25	0.881	0.750	£71.36	£62.82
MSH6-12	12	75.60	87.60	50	25	1.056	0.926	£71.38	£62.84
MSH6-13	13	81.90	93.90	50	25	1.247	1.118	£76.93	£67.67
MSH6-14	14	88.20	100.20	50	25	1.454	1.323	£82.37	£72.30
MSH6-15	15	94.50	106.50	75	25	1.553	1.448	£93.47	£81.13
MSH6-16	16	100.80	112.80	75	25	1.887	1.683	£103.66	£87.60
MSH6-17	17	107.10	119.10	75	25	2.139	1.935	£109.18	£94.54
MSH6-18	18	113.40	125.40	75	25	2.406	2.202	£114.70	£101.47
MSH6-19	19	119.70	131.70	75	25	2.688	2.486	£119.04	£101.89
MSH6-20	20	126.00	138.00	75	25	2.985	2.783	£123.29	£101.97
MSH6-21	21	132.30	144.30	75	25	3.299	3.096	£129.29	£111.30
MSH6-22	22	138.60	150.60	75	25	3.627	3.425	£135.99	£120.66
MSH6-23	23	144.90	156.90	75	25	3.971	3.768	£138.73	£122.88
MSH6-24	24	151.20	163.20	75	25	4.329	4.127	£141.37	£125.32
MSH6-25	25	157.50	169.50	100	30	4.977	4.382	£146.98	£130.01
MSH6-26	26	163.80	175.80	100	30	5.366	4.770	£152.95	£134.62
MSH6-27	27	170.10	182.10	100	30	5.771	5.175	£159.80	£139.08
MSH6-28	28	176.40	188.40	100	30	6.191	5.595	£165.77	£143.71
MSH6-29	29	182.70	194.70	100	30	6.626	6.030	£171.68	£148.34
MSH6-30	30	189.00	201.00	100	30	7.076	6.480	£177.95	£152.95

Please consult Technical for larger sizes.

626



Unit 14, Foxwood Industrial Park, Foxwood Road, Chesterfield, Derbyshire S41 9RN

Telephone +44(0)1246 268080

Fax +44(0)1246 260003

## Materials

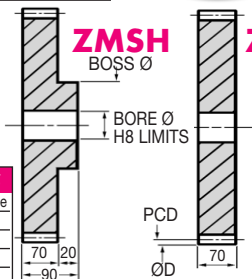
STD : White Delrin  
(fully machined)

SPECIAL TEETH : between 9 - 30

# Helical Gears

Plastic - Parallel Axis  
17°45'H.A.  
20° P.A. **6 MOD**

<b>TORQUE CHECK</b> 50 teeth x 1000 rpm	
variations at back	TORQUE Nm. 160



**ZMP SH** LH 17°45'



**RH 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 - 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)	PRICE EACH 1 - 5	
						ZMSH	ZMP SH
ZMSH6-9	9	56.70	68.70	45	25	£53.41	£47.03
ZMSH6-10	10	63.00	75.00	45	25	£53.49	£47.05
ZMSH6-11	11	69.30	81.30	45	25	£53.51	£47.08
ZMSH6-12	12	75.60	87.60	50	25	£53.53	£47.11
ZMSH6-13	13	81.90	93.90	50	25	£57.71	£50.73
ZMSH6-14	14	88.20	100.20	50	25	£61.78	£54.21
ZMSH6-15	15	94.50	106.50	75	25	£70.10	£60.87
ZMSH6-16	16	100.80	112.80	75	25	£77.73	£65.69
ZMSH6-17	17	107.10	119.10	75	25	£81.87	£70.90
ZMSH6-18	18	113.40	125.40	75	25	£86.03	£76.10
ZMSH6-19	19	119.70	131.70	75	25	£89.27	£76.79
ZMSH6-20	20	126.00	138.00	75	25	£92.43	£77.12
ZMSH6-21	21	132.30	144.30	75	25	£96.95	£83.49
ZMSH6-22	22	138.60	150.60	75	25	£101.97	£90.46
ZMSH6-23	23	144.90	156.90	75	25	£104.02	£92.17
ZMSH6-24	24	151.20	163.20	75	25	£106.01	£93.98
ZMSH6-25	25	157.50	169.50	100	30	£110.23	£97.48
ZMSH6-26	26	163.80	175.80	100	30	£114.70	£100.95
ZMSH6-27	27	170.10	182.10	100	30	£119.85	£104.31
ZMSH6-28	28	176.40	188.40	100	30	£124.28	£107.78
ZMSH6-29	29	182.70	194.70	100	30	£128.74	£111.23
ZMSH6-30	30	189.00	201.00	100	30	£133.42	£114.70

**Please consult Technical for larger sizes.**

Unit 14, Foxwood Industrial Park, Foxwood Road, Chesterfield, Derbyshire S41 9RN  
Telephone +44(0)1246 268080 Fax +44(0)1246 260003



**627**

**Helical Gears Parallel Plastic MOD 6**