

Converting millimetre values to degrees° minutes’.

Trackace measures angles in degrees (°) and minutes (’)

60’ minutes = 1° degree (e.g. 1°30’ = 1 ½ degrees)

If you have inch values see below for conversion to mm’s first.

mm's	Wheel Size (inch")												
	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"
0.1	1'	1'	1'	1'	1'	1'	1'	1'	1'	1'	1'	1'	1'
0.2	3'	2'	2'	2'	2'	2'	2'	2'	2'	1'	1'	1'	1'
0.3	4'	4'	4'	3'	3'	3'	2'	2'	2'	2'	2'	2'	2'
0.4	5'	5'	5'	4'	4'	4'	4'	3'	3'	3'	3'	2'	2'
0.5	7'	6'	5'	5'	5'	5'	4'	4'	4'	4'	4'	3'	3'
0.6	8'	7'	7'	6'	6'	5'	5'	5'	5'	4'	4'	4'	4'
0.7	10'	8'	8'	7'	7'	7'	6'	5'	5'	5'	5'	5'	4'
0.8	11'	10'	9'	8'	8'	7'	7'	7'	6'	5'	5'	5'	5'
0.9	12'	11'	10'	10'	9'	8'	8'	7'	7'	7'	6'	6'	5'

If required simply add the decimal fraction from above to the whole mm from below
(example 5.5 mm on 13 inch wheels would be 52'+5' = 57')

1	14'	13'	11'	10'	10'	9'	8'	8'	8'	7'	7'	7'	6'
2	27'	25'	23'	21'	19'	18'	17'	16'	15'	14'	14'	13'	13'
3	41'	37'	34'	31'	29'	27'	25'	24'	23'	22'	20'	19'	19'
4	54'	49'	45'	41'	38'	36'	34'	32'	30'	28'	27'	26'	25'
5	1° 08'	1° 02'	56'	52'	49'	45'	42'	40'	38'	35'	34'	32'	31'
6	1° 21'	1° 14'	1° 08'	1° 02'	58'	54'	51'	48'	45'	43'	41'	38'	37'
7	1° 35'	1° 26'	1° 19'	1° 13'	1° 08'	1° 04'	59'	56'	53'	50'	47'	45'	43'
8	1° 48'	1° 38'	1° 30'	1° 23'	1° 17'	1° 13'	1° 08'	1° 04'	1° 00'	57'	54'	52'	49'
9	2° 02'	1° 50'	1° 41'	1° 34'	1° 27'	1° 22'	1° 16'	1° 11'	1° 08'	1° 04'	1° 01'	58'	55'
10	2° 15'	2° 03'	1° 53'	1° 44'	1° 37'	1° 31'	1° 25'	1° 20'	1° 15'	1° 11'	1° 08'	1° 04'	1° 02'
11	2° 29'	2° 15'	2° 04'	1° 55'	1° 46'	1° 40'	1° 33'	1° 28'	1° 23'	1° 19'	1° 14'	1° 11'	1° 08'
12	2° 42'	2° 28'	2° 15'	2° 05'	1° 56'	1° 47'	1° 41'	1° 35'	1° 30'	1° 25'	1° 21'	1° 17'	1° 14'
13	2° 56'	2° 40'	2° 26'	2° 15'	2° 05'	1° 58'	1° 50'	1° 43'	1° 38'	1° 32'	1° 28'	1° 24'	1° 20'
14	3° 09'	2° 52'	2° 38'	2° 26'	2° 15'	2° 07'	1° 58'	1° 52'	1° 45'	1° 40'	1° 35'	1° 30'	1° 26'
15	3° 23'	3° 04'	2° 49'	2° 36'	2° 25'	2° 16'	2° 07'	1° 59'	1° 53'	1° 47'	1° 41'	1° 37'	1° 32'

Convert inch fractions to mm's rounded to 1 decimal place using the chart below.

inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1/64	0.4	3/16	4.8	23/64	9.1	17/32	13.5	45/64	17.9	7/8	22.2
1/32	0.8	13/64	5.2	3/8	9.5	35/64	13.9	23/32	18.3	57/64	22.6
3/64	1.2	7/32	5.6	25/64	9.9	9/16	14.3	47/64	18.7	29/32	23.0
1/16	1.6	15/64	6	13/32	10.3	37/64	14.7	3/4	19.1	59/64	23.4
5/64	2.0	1/4	6.4	27/64	10.7	19/32	15.1	49/64	19.4	15/16	23.8
3/32	2.4	17/64	6.7	7/16	11.1	39/64	15.5	25/32	19.8	61/64	24.2
7/64	2.8	9/32	7.1	29/64	11.5	5/8	15.9	51/64	20.2	31/32	24.6
1/8	3.2	19/64	7.5	15/32	11.9	41/64	16.3	13/16	20.6	63/64	25.0
9/64	3.6	5/16	7.9	31/64	12.3	21/32	16.7	53/64	21.0	1	25.4
5/32	4	21/64	8.3	1/2	12.7	43/64	17.1	27/32	21.4		
11/64	4.4	11/32	8.7	33/64	13.1	11/16	17.5	55/64	21.8		

To convert decimal inch values to mm's multiply by 25.4 and round to 1 decimal place.
(e.g. 0.25" x 25.4 = 6.35mm, rounded = 6.4mm).

Rounding to 1 decimal place, if 2nd decimal place is below 5 then just delete it,
if 2nd decimal place is 5 or above then delete it and add 1 to the first decimal place.
(e.g. 6.34mm becomes 6.3mm but 6.35 becomes 6.4).