

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.

| | | | | | | | | | | | |
|-------|-----|-------|-----|-------|------|-------|------|-------|------|-------|------|
| 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).