

Ol Phartz Partz

Morris Minor Wheel Measurements, Hubs and Tires

Pitch Circle Diameter (PCD)

The PCD is the measurement for the distance between the center of a stud hole to the center of the stud hole directly opposite.

The majority of models have a PCD of 4".
Generally 1956 onwards.
These have the 9" hubcap with "M" Motif.
Vans after 1968 often have a Plain 9" hubcap
Painted Old English White with no brake adjuster hole
The 3/8" UNF studs were mounted in the hubs (smaller than earlier wheels below).
These used nuts with BSF heads to attach the wheel to the studs.
Tire Size - 145 X 14, 155 x 14



Later Series II 1953-1955 cars have a 4" PCD with the larger 9" "M" Motif hubcap that fits over 3 turrets.
This wheel has a brake adjuster hole so that you don't need to take the wheel off when adjusting the brakes
Uses the same studs as above
Tire Size - 145 X 14, 155 x 14



The first cars (Series MM and some Series II - 1948 - 1953) have a PCD of 4.5". This has the smaller 8.5" Plain hubcap that fits over the 3 turrets.
This also has the brake adjuster hole.
Uses Bolts to attach wheel to hub
Tire Size - 145 x 14



The Series MM before car no. 131858 uses BSF wheel bolt threads. After 131858 the MM uses wheel bolts with 7/16 UNF threads and normally 5/8 A/F heads which cause problems as they are too small and wear the holes in the wheels. Also available were 7/16 UNF bolts with 3/8 Whitworth heads (= 11/16-3/4 A/F) which solved the problem.



"J" Measurement

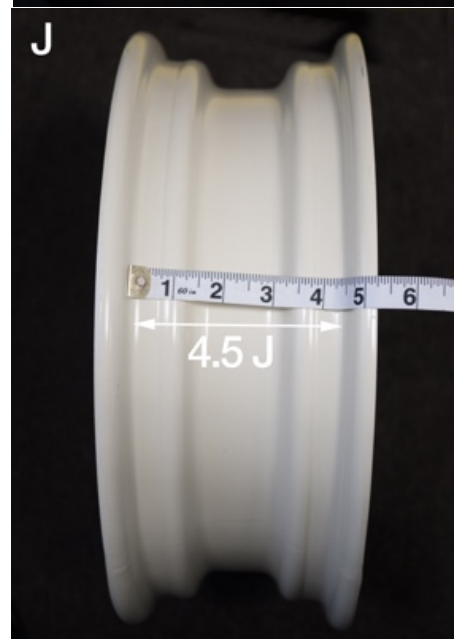
The standard Morris Minor wheel for Cars and Vans is 14" Diameter.

The difference lies in their thickness. The inside width between the rims is called the "J" measurement. This determines the type of tires you can put on the car and the types of wheel trim.

The standard Sedan, Traveller and Convertible wheels all have a 3 J measurement 3" from inner rim to rim.

Tires - 145 x 14, 155 x 14

The 155 size tire normally does not fit the spare wheel compartment of a Sedan, Convertible, or Traveller.



The Van wheels have a 4.5 J measurement 4 ½" from inner rim to inner rim.

Tyres – 155 X 14

We can usually supply brand new wheels or we can refurbish original wheels: blasted, primed and power painted. Those wanting original wheels will need to send us your original wheels.