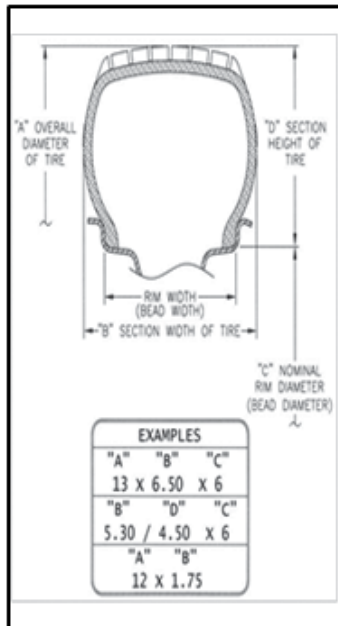


ALL ABOUT TIRES

BASIC INFORMATION



BASIC SLOW SPEED TIRE FACTS



Lawn & Garden, Industrial, ATV and Go-Kart Tires:

There are two methods to identify tires in this category

Overall Diameter x Section Width x Rim Diameter

An example of a Lawn & Garden tire is 13x5.00-6

Referring to the drawing to the left, overall diameter is 13 (A)

Section width is 5.00 (B)

Rim diameter is 6.00 (C)

Section Width x Section Height x Rim Diameter

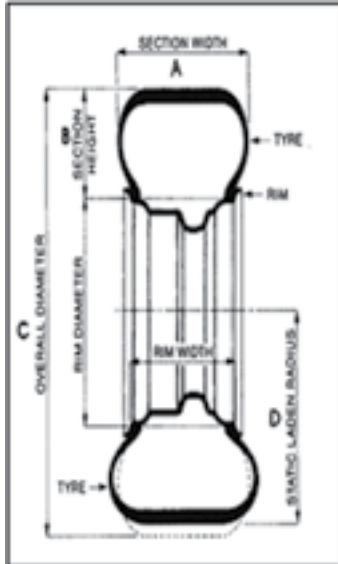
An example of a Go-Kart or hand truck tire size is 4.10 / 3.50-6

Again referring to the drawing to the left,

Section width is 4.10 (B)

Section Height is 3.50 (D)

Rim Diameter is 6 (C)



Trailer Tires:

Like Lawn and Garden tires there are several ways to identify trailer tire sizes.

Overall Diameter x Section Width x Rim Diameter

A common size would be a tire used on campers, snow mobile and landscaper's trailers - 16x6.50-8

Referring to the drawing on the left overall tire diameter is 16 (C)

Section Width is 6.50 (A)

Rim Diameter is 8

Section Height x Section Width x Rim Diameter

An older size designation commonly used on small boat or camping trailers and log splitters 4.80x4.00-8.

Again referring to the drawing on the left,

Section Height is 4.80 (B)

Section Width is 4.00 (A)

Rim Diameter is 8".

Section Width x Aspect Ratio x Rim Diameter

Aspect Ratio is the ratio of Section Height to Section Width.

In recent years, 13", 14" and 15" trailer tires have followed

a P-Metric format, where tire dimensions are metric - ST205/75D14.

In this example ST means Special Trailer

Section Width (B) is 205 mm.

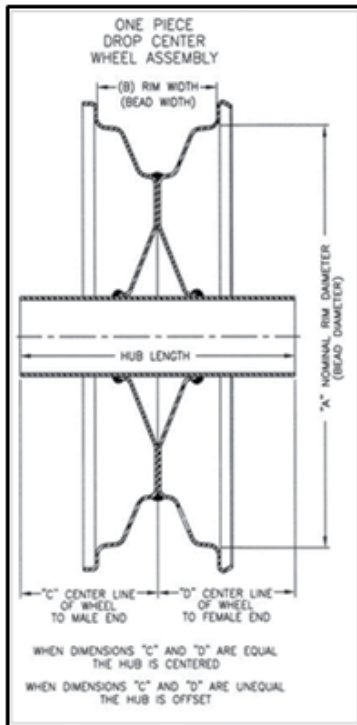
Aspect ratio the relationship of Section Height (B) to Section Width (A) is 75 or 75% - Rim Size is 14"

ALL ABOUT TIRES

BASIC INFORMATION



BASIC RIM FACTS

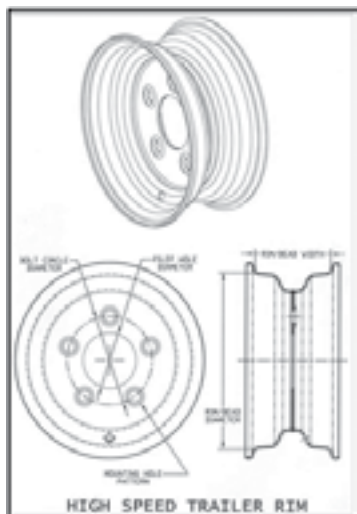


Slow Speed Rims:

Slow speed tire/wheel assemblies are found on toy wagons, wheelbarrows, hand trucks, outdoor power equipment, casters and industrial equipment.

When ordering slow speed wheels, you need to know a few items:

1. Tire Size, desired capacity, ply rating or load rating?
2. Tubeless or Tube-Type?
3. What is the tire tread?
4. Rim Hub Length - what is the overall length of the hub from outside of bearing to outside of bearing?
5. Hub Offset - is the hub centered or offset? If offset what is the distance from the center of the rim to the end of the hub tube on the male (non-valve hole) side?
6. What type of bearing is needed, ball bearing, bushing, precision bearing, roller bearing or tapered bearing?
7. Bearing Size - what is the outside diameter of the axle the wheel is to be installed on?
8. Zerk Fitting - does the wheel require a zerk (grease) fitting?



Trailer Rims:

High speed trailer rims are designed specifically to handle the normal wear and tear of trailer uses. They are not automotive rims. When selecting trailer rims some thought must be given to the load that is to be carried.

As a rule of thumb, overall capacity is limited to the capacity of the tire.

Trailer tires and hubs must be matched to axle capacity and have the same bolt pattern.

Standard Trailer Bolt Circles are:

- 4 hole x 4" bolt circle
- 5 hole x 4-1/2" bolt circle
- 6 hole x 5-1/2" bolt circle
- 8 hole x 6-1/2" bolt circle