CASTER PART NAMES



Rivet -

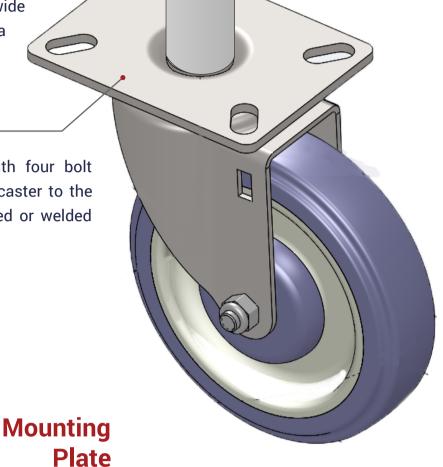
A permanent steel rod to assemble casters. Preferred in economic applications where wheels typically will not get replaced.

Stems _____

An attachment method comprised of a threaded post, round post, square post, or grip ring post. These stems offer a wide variety of options to work with a range of products.

Top Plate

A flat, horizontal plate, usually with four bolt holes, which is used to attach the caster to the equipment. The caster is then bolted or welded onto the equipment.



Kingpin -

(Staked kingpin, or nut & bolt assembly, or integral kingpin assembly). A threaded nut & bolt or staked assembly which holds the swivel assembly together. An "integral" kingpin and top plate are of a one piece construction. Threaded kingpins can be attuned to balance for wear in the swivel assembly.



Many construction styles include the following:

Single Level Ball Race – A single row of balls in a large diameter ball raceway.

Double Ball Race - Two separate rows of balls moving independently through two levels of ball races.

Swivel Yoke

A swivel yoke attaches to a cart, includes a swivel bearing unit. It does not include wheel, wheel bearings, washers, axles, nuts, or spanner bushing components. Typically used in conjunction with a roller bearing or in a plain bore assembly. Also called horns, rigs, and swivels.



Axle & Nut

A reusable fastening system to assemble casters. Preferred in applications where the wheel needs replacement or maintenance.



Brake Kit

There are several type of brakes commonly used on casters: Top or side lock that lock the wheel; total lock brakes that lock both the swivel and the wheel simultaneously; positional and directional locks to lock casters in a specific direction while in use.



Bearing

Tread



Rigid Yoke

A rigid yoke attaches to a cart, includes a rigid or stationary horn unit.

Blank Wheel

A wheel without bearings installed (plain bore).



Wheel

Hub

Complete Wheel

A wheel that has bearings

