

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.

Mounting Plate

Swivel Bearings

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 Bolt

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.

Threadguard

Bearing

Hub

Tread

Wheel

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).

Complete Wheel

A wheel that has bearings installed