Want to Keep Things Rolling? Use Heavy Duty Caster Wheels by James Blee

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A caster or a caster wheel is basically an undriven wheel attached to the bottom of a large object in order to help it to be moved easily. Casters usually come in a variety of sizes and can be made from various materials, which include rubber, aluminum, plastic and stainless steel.

Broad Types and Uses of Heavy Duty Caster Wheels:

Heavy duty (high capacity) caster wheels constitute an important workhorse for the modern industry and are generally used to ease work. These are usually made of metallic materials. They work well in flat surfaces which are not very rough.

There are various types of caster wheels, which include:

â€¢ Rigid casters

â€¢ Swivel Casters

â€¢ Breaking and Locking Casters

Industrial applications of heavy duty caster wheels include platform trucks, assemblies, carts and moving other very heavy loads.

For easy movement of the load, a caster wheel with a large diameter and width is preferable.

Classification of Heavy Duty Caster Wheels:

heavy duty caster wheels are usually classified on the basis of the load they can sustain; ranging from around 1000 lbs to over 30000 lbs. For example, Caster City, an important manufacturer, produces casters of capacity 3000 lbs, 5000 lbs, 10000 lbs and 15000 lbs while another manufacturer, Caster Concepts, even produces a wheel which can sustain a weight as large as 35000 lbs. For loads which exceed 10 to 15 tons, super heavy duty caster wheels are required.

The costs of a heavy duty caster wheels depend mainly upon the caster material and of course load capacity. For instance, a 6â€• diameter cast-iron swivel caster of load capacity 1200 lbs costs around 55 U.S.D.; while a caster wheel with similar dimensions but 2800 lbs load capacity costs around 175 U.S.D.

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