

 **ハンマーキャスター株式会社**
<https://www.hammer-caster.com>

Caster Guide



- For living -

English Edition

 **HAMMER CASTER**



 **HAMMER CASTER** ——— A pride of "Made in Japan"

HAMMER CASTER products are used everywhere.
It's seamlessly blended into your life.

Hammer Caster has started their own caster production when casters are not even commonly spread in Japan.
We have been supporting the lives of our customers in every corner of the world for a century.



● Basic Specifications

Swivel caster



Swivel caster is the most common type that is also known as "Free type". It can move in any direction by pushing and pulling at your will.

Fixed caster



Fixed caster only goes straight on fixed direction. Commonly installed in combination with the swivel casters for carts and hand trucks.

Swivel caster with Stopper



Stopper type can lock the wheel by side-brake handle. Some caster has "Total Lock" stopper that locks swivel and brake wheel at once.

Fixed caster with Stopper



Fixed caster goes straight only in a certain direction. Stopper type can lock the wheel by side-brake handle.

● Fitting types & Installation ideas

Plate type

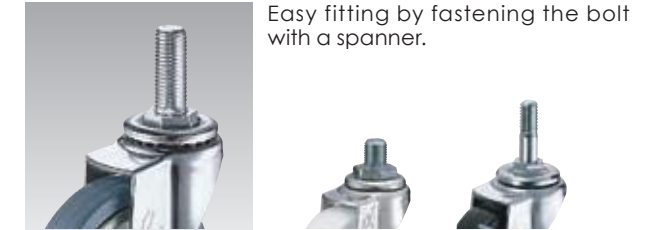


With the fitting holes on the top plate, attachable to metal, wood and resin surfaces.

■ For hand truck, carry, DIY making, etc...



Threaded stem type



Easy fitting by fastening the bolt with a spanner.

■ For wheel chairs, shopping carts, signboards, etc...

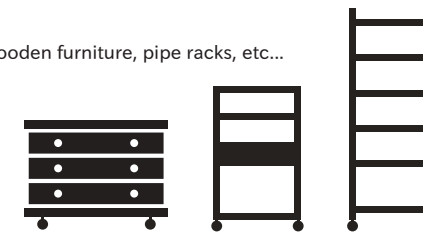


Plain stem type

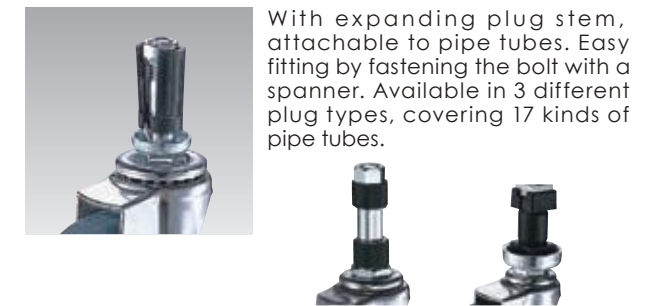


With optional socket and bracket, attachable to wooden products.

■ For wooden furniture, pipe racks, etc...



Expander stem type



With expanding plug stem, attachable to pipe tubes. Easy fitting by fastening the bolt with a spanner. Available in 3 different plug types, covering 17 kinds of pipe tubes.

■ For lightweight pipe racks used in kitchens and hospitals, etc...



● Wheel Material Characteristics

Rubber wheel



With the low surface hardness the elastic property meets the requirement of cushion, which enables a stable travel on uneven grounds.

Urethane wheel



Polyurethane wheel is excellently resistant against oil, wear and low temperature. Suited to general uses with the aspects that some suit thick moulding that outcomes wide tread, high surfacial hardness and non-polluting property.

Nylon wheel



Nylon wheel is light, hard, and excellently resistant against heat, chemical, corrosion and wear. It may generate running noise when attached to a cart, but it can move things with light force.

Elastomer wheel



Elastomer wheel has elasticity similar to rubber and is excellently resistant against heat, weather and chemicals.

About Elastomer

Elastomer wheel enables to run quietly and softly without leaving scratches or marks on the floor. It is used in a wide range of places such as office equipment, indoor transporters, lightweight racks, and DIY making.

Rubber

Elastomer

Plastic

Elastomer is a polymer material that combines the superior properties of elastic rubber and plastic, which is easy to mold and highly recyclable, and is expected to play an active role in a wide range of industrial fields.

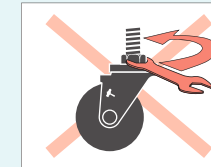
● Maintenances

Please make sure to do periodic checking, maintenance and replacement for a long service life and product safety.

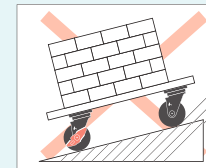
- Please check slacks on fastening bolts on mounting part and wheel axle part, and make sure to fasten when necessary.
- Please lubricate swivel part and wheel axle part, and make sure to remove dusts in ball laces.
- In general, the physical properties of resin products may deteriorate due to use conditions and aging changes. Please replace resin products as necessary.
- When you found cracks and/or backlashes to caster parts, please replace them with the relevantly new ones.
- Please check the brake performance periodically. If there is any abnormality in braking performance or operation, replace it with a new one.



◀ Do not lade over the load capacity.



◀ Do not fasten to an undue degree as the stem strains.



◀ Do not leave casters braking on slopes.
● Stopper device is considered to be loosened unknowingly or to be released abruptly by external shocks.



◀ Do not push forcibly to move locked casters.

"Quiet" casters that minimizes the noise emitted from running in office.



■ Ball bearings are installed to swivel section and wheel bore. It's ideal for environments such as office.

Swivel



420BBS-FR 75mm

Swivel



420BEA-LZ 75mm

■ Use : Office equipment / Cart



Interior

Stylish casters designed for interior and furniture.
Available with easy fitting models for DIY making.



Variant orders

● Threaded stems

Available with thread stems on demand.



Please consult our sales office for details.

■ Casters designed for furniture.

Swivel



405A-UR 50mm

Swivel Stopper



405 15P-R 40mm

Swivel



145K-N 50mm

■ Use : Chair/ Furniture



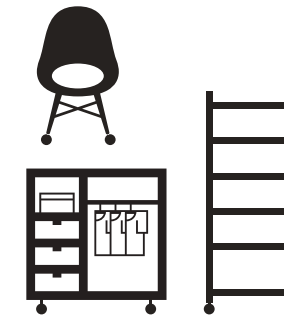
■ Casters with simple and easy attachment carry out various things, not only for furniture.

Swivel



451P-R 50mm

■ Use : Chair/ Furniture

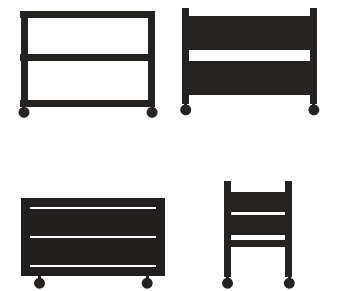


Fixed



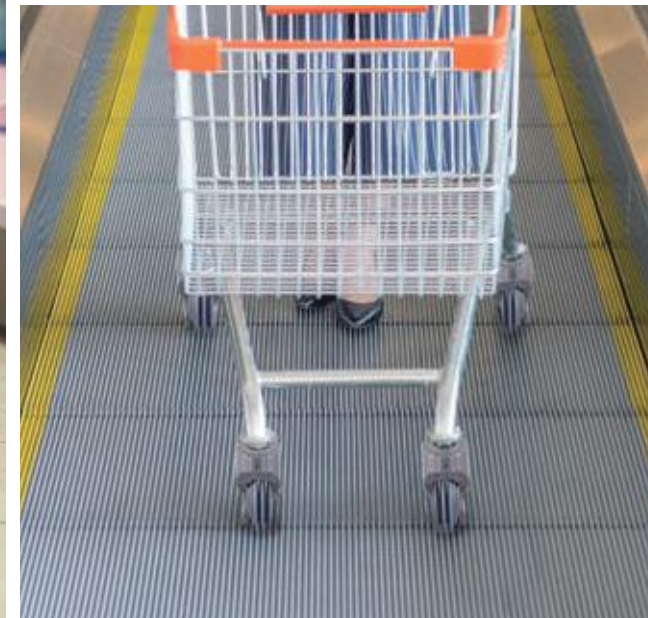
155-R 50mm

■ Use : DIY/ Furniture



Shopping Mall

Light weight touch to sparkling move. Smooth casters are trotting in shopping malls and markets.



■ Resin casters made of Nylon is light, smooth and stress-free.

Swivel



740MA-CLB 100mm

■ Use : Shopping cart



■ Auto-slope casters designed to brake naturally when entering an auto-slope.

Swivel Stopper

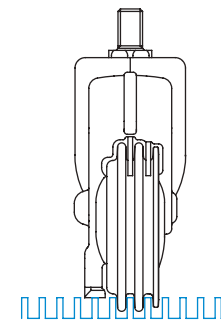


420LEA-UBB 100mm

Swivel Stopper



420REA-UBB 100mm



Brake on auto-slope

■ Use : Shopping cart



Durable and Stylish. Medical casters are almighty.



■ Twin-wheel casters enhances travel stability.

Swivel Total lock



707K-FA3 100mm (Ivory)

Swivel Stopper



750K-FA1 100mm (Gray)

■ Use : Medical bed / Nurse cart



■ Luxury and robust casters with chromium coating.

Swivel



920MA-RB 100mm

Swivel Total lock



915M-KUB 100mm

■ Use : Stretcher / Medical wagon / Medical equipment



Restaurant

Casters for serving purposes in dining hall, corridors, and kitchen at restaurants.



Variant orders

● Wheel color options

Wheel color can be arranged in gray and black.



Please consult our sales office for details.

■ Luxurious presence of chromium coating attachable with various fitting types.

■ All stainless steel casters are excellent resistant against water and corrosion.

Swivel Stopper



415 2EN-UR 100mm

Fixed



420ER-PR 100mm

■ Use : Hand truck/ Catering truck



Swivel



320EK-N 100mm

Swivel Stopper



315S-N 100mm

■ Use : Stainless cart/ Stainless workbench





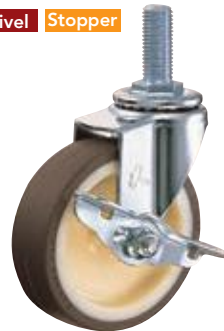
■ Chromium coated casters to satisfy design and lightness.

Swivel Total lock



916EA-PR 75mm

Swivel Stopper



415EA-UR 100mm

■ Use : Ball stoker



■ Casters with high load performance, smooth turning and toughness.

Swivel Total lock



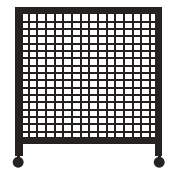
413J-RBB 125mm

Swivel



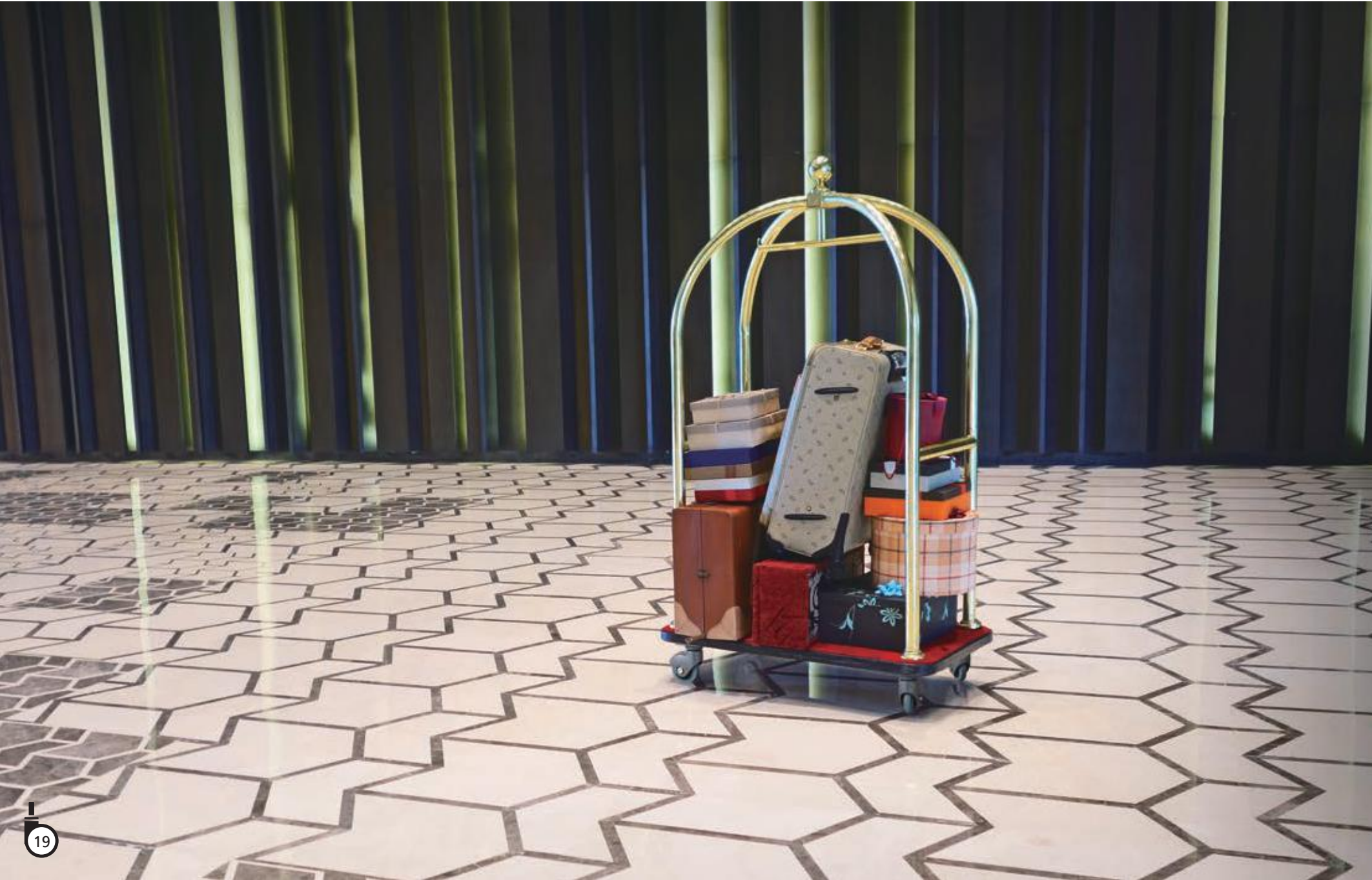
420E-R 100mm

■ Use : Mobile safety net fence



Terminal

Silent, functional and robust. Casters at terminal require high load performance, smooth turning and durability.



■ Ball bearings are installed to swivel section and wheel bore. It's ideal for environments such as terminal.

Swivel

Swivel



740M-FR 100mm



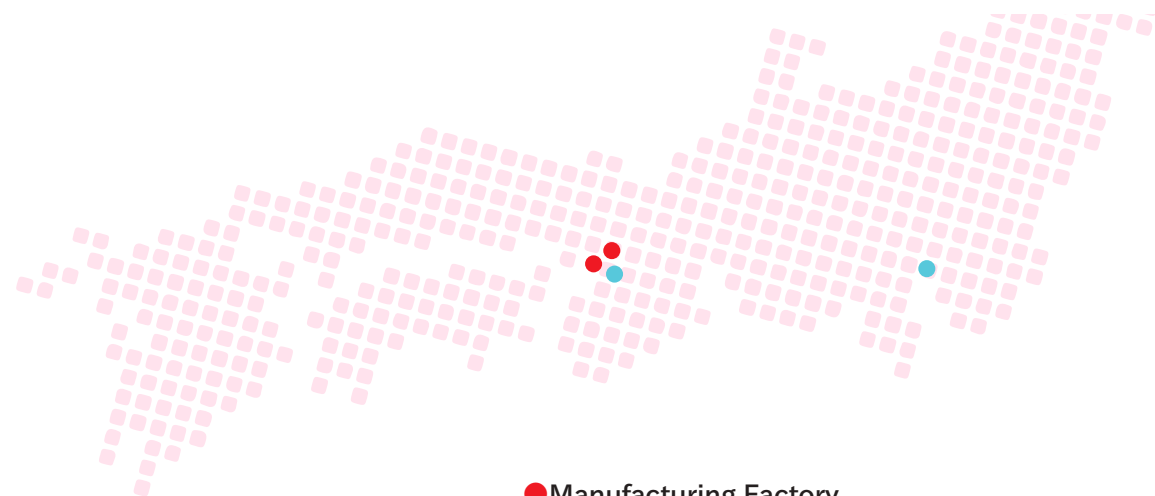
400POS-FR 130mm

■ Use : Luggage cart





NETWORK



● Manufacturing Factory
● Hammer Caster Sales Co.Ltd. (as Sales company)

● **Manufacturing Factory**

Headquarters factory
 4-7-35, Nishi-Iwata, Higashi-Osaka, Osaka 578-0947 Japan
Hirakata factory
 Shodaitajika, Hirakata, Osaka 573-1132 Japan

● **Hammer Caster Sales Co.Ltd. (as Sales company)**

Tokyo Branch
 6-5-4, Sinbashi, Minato-ku, Tokyo 105-0004 Japan
Osaka Branch
 10-35, Shinjyo-Nishi, Higashi-Osaka, Osaka 578-0964 Japan

■ **Please feel free to ask for any caster consultancy.**

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