

# Protection against Electro Discharge (ESD)



Conduct static electricity off the ground with...

**Conductive Caster**

Release static electricity into the air with...

**Antistatic Caster**

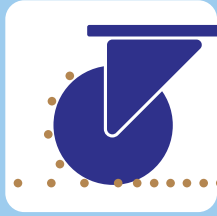


# Conductive and Antistatic casters prevents ESD hazards caused by static electricity without taking cost and time.

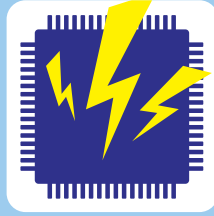
## Examples of ESD hazards



Electrostatic spark



Dust adsorption



Semiconductor device destruction



Electrostatic fires



Effects on human health

- ESD prevention on carpet floors in showrooms, hotels, etc.
- ESD prevention on tile floors in shopping malls, etc.
- ESD prevention in cleanroom conditions

- Prevention measures for spark hazards in various factories
- Health hazard prevention from electrostatic discharge

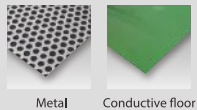
## Conductive Caster

- It serves as ground to conduct electricity from electronic equipment to the floor.



Electrical resistance  
Less than  $1 \times 10^4 \Omega$

Examples of suitable floors



Metal Conductive floor

## Antistatic Caster

- It released temporarily charged electricity into the atmosphere. Available to use in a wide range of fields, regardless of floor materials.



Volume resistivity  
 $10^7 \sim 10^{10} \Omega \cdot \text{cm}$

Examples of suitable floors



Metal Conductive floor Tile Flooring Brick Rubber

Scan below QR code to view our instruction video.



## Conductive and antistatic casters can be customized from many models.

**The load capacity is about 60% of standard casters.**

Compatible products can be found in the product list in our product catalog or from the search results on our website.

### Product Catalogue

420 S	- RB	150	160	<p>Rubber steel hub+roller bearing *customize color : grey *customize : antistatic / conductive</p>
413 S		100	120	
		125	150	
		150	160	
		100	120	

### Search result on website

420 S-RB 100	<p>Rubber with bearing</p> <ul style="list-style-type: none"> <li>☒ Grey wheel is also available.</li> <li>☒ Conductive wheel is also available.</li> <li>☒ Anti-static wheel is available.</li> </ul>	
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### Product Search



■ Please consult our sale offices below for more details.



### Manufacturing Factory

**Headquarters factory**  
4-7-35, Nishi-Iwata, Higashi-Osaka, Osaka 578-0947 Japan

**Hirakata factory**  
3-2-1, Shodaidajika, Hirakata, Osaka 573-1132 Japan

### HAMMER CASTER SALES

### Hammer Caster Sales Co., Ltd. (as Sales company)

**Tokyo Branch**  
6-5-4, Shimbashi, Minato-ku, Tokyo 105-0004 Japan

**Osaka Branch**  
1-2-6, Aramoto, Higashi-Osaka, Osaka 577-0023 Japan

■ Please feel free to ask for any caster consultancy.

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