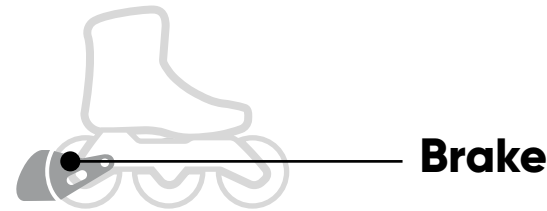




# POWERSLIDE BRAKE GUIDE

# BRAKES GUIDE



## Inline Skate

All the Powerslide fitness and kids skates include a brake mounted or inside the box. More specialized skates such as urban, hockey or racing do not include a brake, but it can be bought separately.

Find your compatible Brake and size:

### **Megacruiser 125mm Brake – Art. 907029**

Fitting max. 3x125mm setups

Fitting max. Frame length 12,8" / 325mm

Fitting max. 37mm wide frames

Can be assembled to frames with distance between axles of 127mm until 173mm

The brake can't be assembled on rocker frames

### **Road Hog Brake – Art. 907005**

Fitting max. 4x110mm setups

The brake DOES NOT fit 110mm 3-wheel frames

Fitting max. 34mm wide frames

Can only be assembled to frames with distance between two axles of 112mm

The brake can't be assembled on rocker frames

### **UBS Brake – Art. 900531**

Fitting max. 4x100mm setups

Adjustable in width – fitting up to 38mm wide frames

Can only be assembled to frames with distance between two axles of 102mm

The brake can't be assembled on rocker frames

### **Urban Brake Size L – Art. 908058/3**

Fitting max. 3x110mm setups

Can be assembled to frames with distance between axles of 112mm until 137,5mm

Fitting max. 37mm wide frames

The brake can't be assembled on rocker frames

### **Urban Brake Size M – Art. 908058/2**

Fitting max. 4x90mm setups

Can be assembled to frames with distance between axles of 92mm until 94mm

Fitting max. 37mm wide frames

The brake can't be assembled on rocker frames

### **Urban Brake Size S – Art. 908058/1**

Fitting max. 4x80mm setups

Can be assembled to frames with distance between axles of 82mm until 84mm

Fitting max. 37mm wide frames

The brake can't be assembled on rocker frames

### **HABS Brake (Height Adjustable Brake system) Size S/M – Art. 907031**

Fitting max. 110mm wheels

Fitting max. 38mm wide frames

Can be assembled to 3-wheel and 4-wheel frames

Can be only assembled to frames which are prepared for HABS brake

L/XL brake housing plus S/M brake pads fit also to 110mm wheel set ups

### **HABS Brake (Height Adjustable Brake system) Size L/XL – Art. 940421**

Fitting max. 125mm wheels

Fitting max. 38mm wide frames

Can be assembled to 3-wheel and 4-wheel frames

Can be only assembled to frames which are prepared for HABS brake

L/XL brake housing plus S/M brake pads fit also to 110mm wheel set ups

# SUV BRAKES



We also offer a bunch of SUV brakes for our off-road skate collection.  
Find your compatible brake:

**Calf Brake I – Art. 900727**

Fitting XC Trainer Skates with 6" / 150mm tires

**Calf Brake II – Art. 900745**

Fitting X-Plorer frames with 6" / 150mm tires

**Universal Cuff Brake 150 – Art. 908090**

Fitting XC Skeleton Skates with 6" / 150mm tires

**Universal Cuff Brake 200 – Art. 908265**

Fitting Grave Digger Skates with max. 8" / 200mm tires

**SUV Cuff Brake – Art. 908339**

Fitting all SUV Trinity skates with max. 6" / 150mm tires

**SUV Heel Brake – Art. 908038**

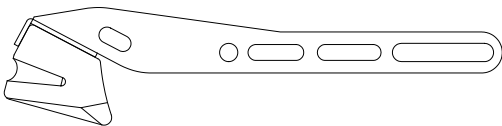
Fitting SUV frames with UFS mounting or 165mm mounting with max. 5" / 125mm tires



# BRAKES COMPARISON

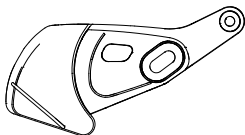


Compare our most popular brakes for adults:



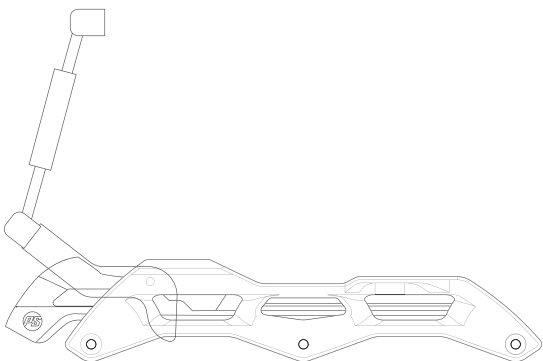
## HEEL

<b>Weight</b>	Lightweight
<b>Lifespan</b>	Easily replaceable
<b>Braking Distance</b>	Long
<b>Control</b>	Good
<b>Adjustable</b>	Non-adjustable
<b>Walking Function</b>	No
<b>Stability</b>	One wheel on ground
<b>Braking Direction</b>	Straight only
<b>Ease</b>	Requires learning
<b>Durability</b>	Good
<b>Price</b>	Affordable
<b>Compatibility</b>	Almost Every Skates



## HABS

Midweight
Easily replaceable
Short
Better
Height Adjustable
No
One wheel on ground
Straight only
Requires learning
Longer
Affordable
HABS Frames only



## SYNCRO

Heavy
Complicated to replaceable
Shortest
Best
Braking point & Force Adjustable
Yes
Three wheels on ground
Brake around corners too
Perfect for beginners
Longest
Higher
Syncro Frames only



# BRAKE FAQ



## **Can I replace the pad on my brake?**

Yes, but it does vary between products. The rubber of the pad will slowly wear down and at some point, you will need to replace it to keep it working effectively.

## **What are the main brakes for marathon skaters?**

- Megacruiser brake is the universal brake for 125mm setups.
- Powerslide Roadhog Speedbrake can fit your 4X110mm, hi-low, or 4X100mm setup.
- Powerslide Universal Brake System (UBS) fits 4X100 setup max.

## **What are the main brakes for fitness skates?**

- HABS is our advanced brake technology, with which you can adjust the height of your brake pads to optimize performance. We offer 2 sizes for this system: S/M (Size small brake pads fit skates with max. 110mm wheel size) and L/XL (Size large brake pads fit skates with 110mm wheel size or bigger)
- Urban brakes come in 3 different sizes: S, M, and L and will fit most of the current frames on the market. Please note that Urban brakes won't fit on rockered frames.

## **What is the difference between a classic brake and a skate with a brake activated from the cuff?**

Using a brake activated from the cuff like on some Argon skates or some SUV skates allows you to keep all the wheels on the ground whilst braking. Our new system applies braking pressure on all the wheels, providing a more efficient and reduced braking distance.

## **When should I take the brake off?**

Having a brake is a huge plus for all beginners as the number one question is "how to stop". We highly recommend always to practice a variety of different braking techniques and taking off the brake only when you feel more confident and efficient with one of these braking techniques than with a pad.

# BRAKE FAQ



## **When I buy a brake system, what is included with the product?**

The brake will always include all the axles and screws that you will need to mount the brake. Make sure you keep the original axle from your skate in case you wish to remove the brake later. Also, make sure you use the axle provided with the product.

## **When should I replace the pad?**

To keep an efficient braking distance, we recommend replacing the pad regularly. A newer pad also allows you to set up the pad at the correct angle more easily. A worn-out pad will drastically increase the braking distance and you could even damage the support if you wear it out so low

## **Does the brake pad work on any surface?**

The pad of each brake will have a slightly different performance depending on the surface you are skating on. Brake pads will work great on all types of asphalt. We advise you to always test the braking distance on each different surface to evaluate better the potential braking distance. Some smooth surfaces like granite will give a much better braking performance, but if there is any sand or other small loose debris it will massively reduce performance.

## **Will it work when it's raining?**

Yes, most brake pads will still slow you down nicely even under rainy or wet conditions. However please note that the braking distance will usually be longer in most cases. On some very smooth surfaces (e.g. granite) the brake pad will probably be as slippery as your wheels, so make sure you take greater care in controlling your speed in these situations.

## **Will a brake help to keep the wheel longer?**

Yes, it will. Using a brake is a great way to protect your wheels. Most of the classic braking techniques apply high friction to your wheels with the ground. Using a break will avoid these techniques and provide your wheels with much longer life.

# SKATING WITH A BRAKE OR NOT?



**If you are a beginner, we highly recommend you to start skating with a heel brake until you feel fully comfortable stopping with t-stop, hockey stop or similar braking techniques.**



## Heel Brake Stop

The heel brake stop is THE most important stop to learn when you begin inline skating (and you should not remove your brake until you have several alternative stops that work well, even at speed). Most people prefer their brake to be on their right skate, which means balancing well on your left skate. These instructions are for this side.

Most important basic rule: Adapt your speed to your abilities and skate with foresight. Avoid steep terrain until you have completely mastered skating and braking on terrain. On ground, beginners can stop by gliding until their momentum subsides. Use your arms to maintain balance. More advanced skaters' brake with the so-called "heel stop" technique. Here you should adopt the skating position in order to keep the balance. Shift your center of gravity downward by bending your knees and ankles and leaning forward slightly from the hip. Your center of gravity should be directly above your skates. Then push your braking skate forwards and lift your toes upwards a little, while simultaneously pushing down on the brake stopper. Place about 40% of your body weight on your front skate and 60% on your back skate. This method will bring you down to a more manageable speed and eventually to a stand-still.



## T-Stop

If you are a more advanced skater or your skates are not equipped with brakes you will need to use the so-called "T-stop" technique. Adopt the skating position as described above. Place your braking leg to the back and the skate's wheels in a 75–80-degree angle to your direction of motion, letting them drag along on the ground. Now put a little pressure on the wheels in order to reach a manageable speed and come to a stand-still. The upper body should remain upright, the shoulders straight. Avoid twisting your body as this may lead you to lose your balance.



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