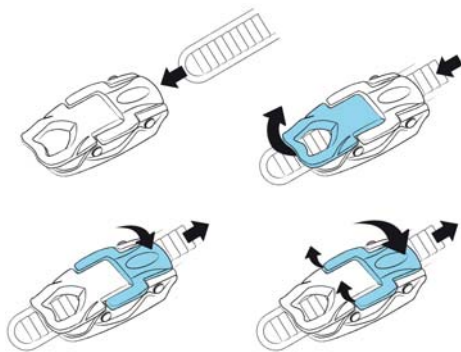


Closure Systems

Icon Ratchet Buckle

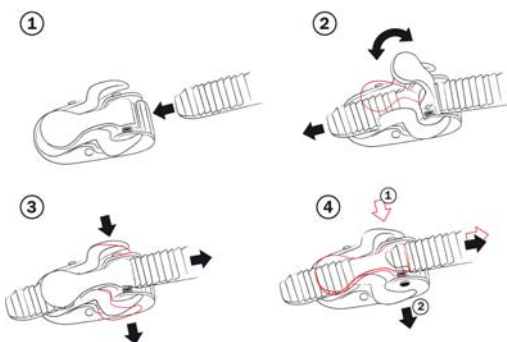
The spider buckle is in the market for years. New buckles have been developed. The Icon buckle is one of them. The buckle doesn't just look great, it also outperforms the classic spider buckle in terms of dimensions and weight. The anatomical shaped buckle can be easily handled also during skating.



1. Push the strap with a little pressure into the buckle
2. Lift the lever to adjust the closure of the strap tooth by tooth, do this until it feels tight and comfortable
3. To open push the plastic lever on the buckle down and then simply pull the strap out of the buckle

Spider Buckle

The spider buckle was the state of the art closure system for years in speedskating. But times changed and new and better products came up. The new ratched buckle looks great and has a better function than the spider buckles. The Icon buckle is much more slim than the old spider buckle. The anatomically shaped metal lever is easy to grasp. The composite lever also works very well. We are sure you will like the new buckles much better. These buckles will be sold in the aftermarket first and will replace the spider buckle on most of our skate models as a running change soon as well.



1. Push the strap with a little pressure into the buckle
2. Lift the lever to adjust the closure of the strap tooth by tooth, do this until it feels tight and comfortable
3. To open push the plastic wing on the buckle down and then simply pull the strap out of the buckle
4. Or to loosen the strap push each wing down alternately



Universal Flap System

The buckle is usually placed on the outside of a today's modern racing shoe. During a fall the buckle can be either heavily damaged or even rip off and need to be replaced. The Universal Flap System now enables the skater to choose his preferred position for the buckle. He can place it on the outside as common or on top of the flap. The antivivets on the flap are hidden by a rubber logo which simply needs to be taken away for assembly.

The Universal Flap System is used on the following racing shoes:

Powerslide: Double X, C8, PH9

Core Racing: Triple X²

Atop Disc Closure System

The Atop Disc II is a disc turning closure system which is based on the principle of block and tackle and therefore has double the power. The disc can withstand pulling forces of more than 100kg and the wire lace itself even up to 500kg.

The Atop disc closure device was developed to simplify lacing systems and to provide benefits that are not granted by traditional closure systems:

Simple: Anyone can use it, from kids to adults with just one hand to secure the best possible fit.

2nd Skin Fit: The Atop disc closure system achieves superior comfort and fit with a controlled and balanced closure and avoids any pressure points.

Micro-adjustable: The Atop disc closure system offers the most precise and accurate fit you can get - fine tuning perfection

Low in Weight: The Atop system is light and strong. It can not be lighter for the power you get out of it.

Speed Lacing: Easy and fast to put on and off, turn it, tighten it, turn back to open - it could not be easier!

Security: Once dialled in, Atop never loses tension and gives you the security other traditional lacing systems can not offer.

Performance: The Atop II disc closure system provides double the power of any traditional lacing system while being flexible and giving the amount of flex you need for perfect performance.

Easy: The Atop disc closure system offers an easy exchange of wire lace and parts and is also easy to clean to secure a long lasting performance.

The Atop Disc closure system is used in the following skate models:

Powerslide: Vi-RS, Vi-RS Junior, Vi-SL

Core Racing: Vi-Pro carbon



How can I open / close the Atop disc?

Turn the rotary knob of the disc in a clockwise to tighten the system until you feel a firm and equal distributed pressure of the flap on top of your foot. You can tighten the flap even more during the skating.

Tipp: Keep the flap under tension by holding it up with your free hand when you turn the rotary knob to tighten the disc.

To open the dis you simply give the rotary knob one short turn in an anticlockwise direction. This will release the grip on the lacing completely. Than you can lift the flap by hand and get your foot out of your skates.

It is not possible to release the pressure of your flap step by step.

What to do if I can´t open the disc?

You should open the metal lid of the rotary knob with the original tool that comes with the skates in this case. You can also use an 1,4mm hex tool to open the screw of the lid.

- Release the screw of the metal cover of the rotary knob
- Lift the metal cover
- Release the two screws of the base
- Lift the base – you now have access to the inner of the disc system
- Pull the wire lace completely out of the reel and fit the reel back into the base
- Close the base again with the two screws
- Than close the metal cover of the rotary knob
- Check the function of the disc closure system by closing / opening of the system

You should take out the wire lace from the reel in case the function still doesnt work. Thread the wire lace into the reel again. Follow the instructions how to thread the wire lace into the reel as mentioned below in the FAQ´s.

Get in contact with your local dealer or Powerslide in case the problem still exists.

What to do if the base of the disk breakes?

Contact your local dealer or Powerslide in this case. Only a shoemaker can replace the broken base of the disc system.

What to do in case the metal wire brakes?

The pulling strength of the wire lace is about 500kg. But even though the lace might get damaged by a crash and might need to be replaced. There are channels built into the construction of the composite shells and flaps and there are teflon tubes laminated into the carbonfiber shall and flap of the Vi-Pro carbon. The wire lace needs to get threaded through these channels and tubes.

- Release the screw of the metal cover of the rotary knob
- Lift the metal cover
- Release the two screws of the base
- Lift the base – you now have access to the inner of the disc system
- Pull the wire lace completely out of the reel and take out the metal wire
- Thread a new wire lace through the channels or teflon tubes of the shell and flap of your boot
- Follow the other steps as described below to fix the wire lace into the reel
- Close the base again with the two screws
- Than close the metal cover of the rotary knob
- Check the function of the disc closure system by closing / opening of the system

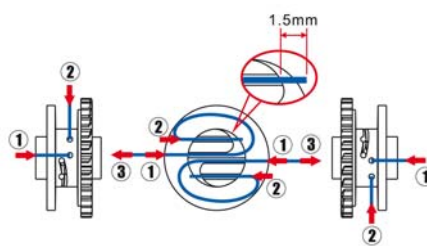
The following illustration should help you to learn how to fix problems that might arise with your disc closure system:

1.



Thread the ends of the wire lace through the channels or tubes of your shell/flap of your boots. Fit the end of the wire lace into the holes of your base of the Atop disc closure system.

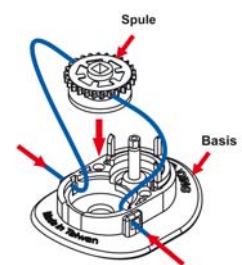
2.



Fix both ends of the wire lace to the reel

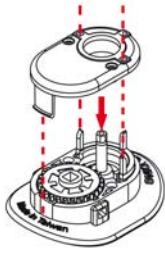
1. Thread the lace into the central hole on the side of the reel.
2. Once you have threaded the lace through the first hole, wrap the lace around the cylinder and through the second hole on the cylinder. Make sure there is around 1,5mm of lace protruding from the reel.
3. Proceed as described above with the second end of the wire lace.
4. After you have done these Steps, pull wither end of the wire away from the reel to tighten the lace.

3.



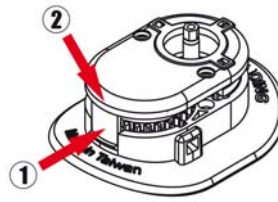
Fit the reel into the base making sure you thread the two lace ends through the corresponding holes in the base

4.

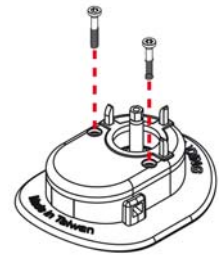


Place the cover on the reel. Push the cover down until the hook at the front clicks into place.

5.

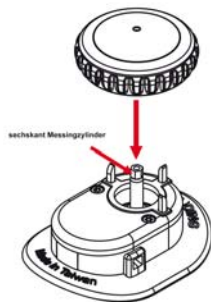


6.



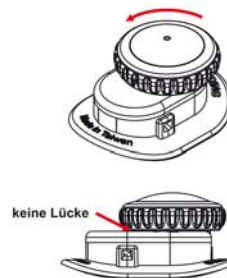
Using the two screws provided fix the cover to the base.

7.



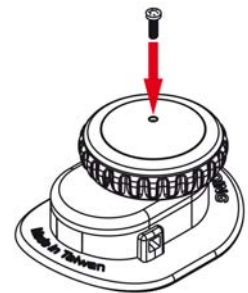
Fit the rotary knob onto the brass spindle.

8.



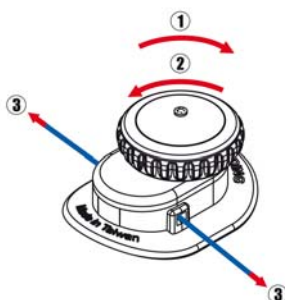
1. Place the knob onto the hexagonal tipped brass spindle
2. Turn knob in an anticlockwise direction this will allow the gearing system within the knob to turn into the hexagonal spindle and lock into place. If you can see there is no gap between the knob and the base then it has been locked correctly.

9.



Fix the knob onto the base using the third screw.

10.



Funktion test – Tightening and Loosening

1. Tighten the lace as tight as it will go by turning the knob in a clockwise.
2. Than loosen the lacing completely. To do this just give the knob one turn in an anticlockwise direction. This will completely release the grip on the lacing. Than you can simply pull each end of the wire lacing out of the lacing system.
3. Repeat this test three times to make sure everything running smoothly and now you are finished.



Which length of metal wire do I need for my skates?

The dimensions of boots change naturally in length and width with the shoe size. This also means that the length of the wire lace changes for the shoe sizes. The below list helps you to order the correct length of metal wire for your boots:

Vi-pro carbon boots

Size 37 - 9 EU or 5,0 - 7,0 US = 1,00m

Size 40 & 41 EU or 7,5 & 8,0 US = 1,30m

Size 42 - 45 EU or 9,0 - 12,0 US = 1,40m

Size 46 & 47 EU or 12,5 & 13,0 US = 1,50m

VI-RS and VI-SL boots

Size 38/39 EU or 6,0/7,0 US = 1,25m

Size 40-43 EU or 7,5 - 10,0 US = 1,30m

Size 44-47 EU or 11,0 - 13,0 US = 1,40m

What to do if the lace loop gets broken?

The metal or plastic lace loop might get broken if you crash with your skates. You need to replace the lace guides in this case and should contact your local dealer or Powerslide who should have those spare parts.

You need to take out the wire lace completely out of the reel as described above. Then you need to thread the wire lace again through the shell and flap as well as through the lace guide before fixing the end of the wire lace into the reel.