

ELITE BLADE PERFORMANCE TECHNOLOGY

# PROFILE GUIDE



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PERFORMANCE  
TECHNOLOGY***



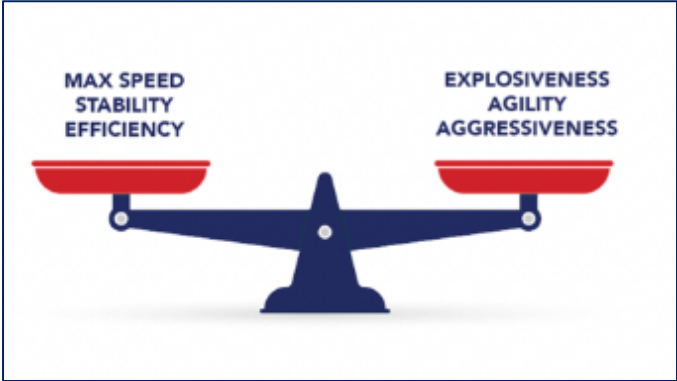
## OVERVIEW

It is becoming widely understood that the shape of the blade profile – the curve of the blade from toe to heel — will greatly influence a player’s speed, agility, power, and performance. Even very tiny changes in blade shape make a huge difference to the way a player’s blades feel on the ice.

Most stock blades have a single curve profile, i.e., a 10-foot radius. The challenge with the single curve profile is that it always involves trade-offs. Make it flatter and you will increase your speed and stability but lose agility and initial acceleration. Make it more curved and you will increase agility and explosiveness but lose speed and stability.

Performance profiling strategically combines several curves on one blade to enhance skating performance attributes. Players don’t need to choose between agility and stability, or between speed and explosiveness. The right performance profile combinations allow them to have it all — more agility, more speed, more stability, and more acceleration.

There have been many performance profile formulas tried over the years, from CAG and Prosharp to Elite. We see most of these combinations fitting into two broad categories that share common characteristics. We refer to these as **Heel Glide** profiles and **Center Glide** profiles.

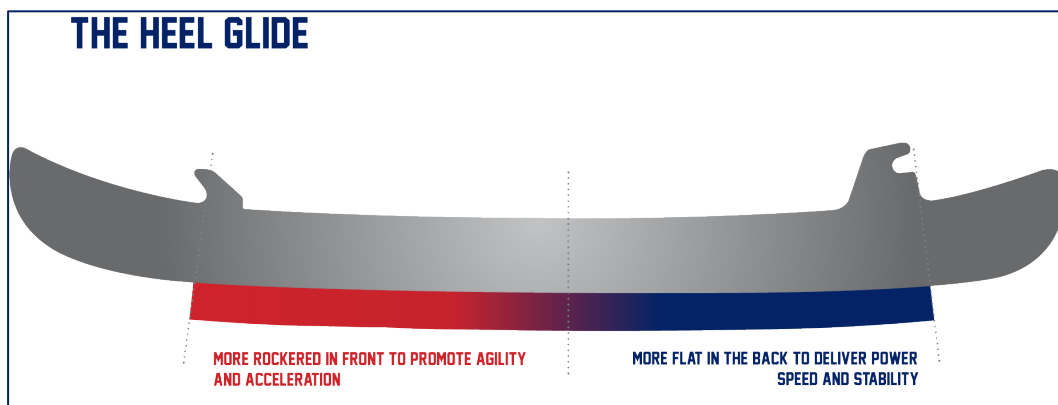




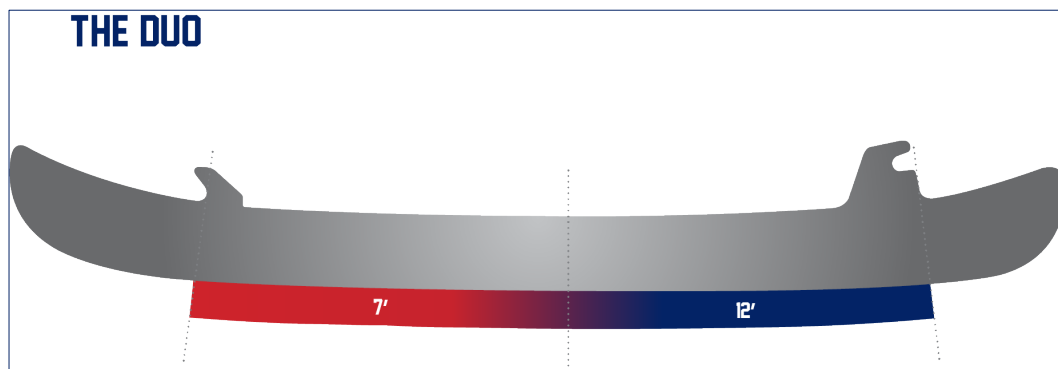
# HEEL GLIDE PROFILES

Heel glides are flatter toward the heel (to enhance glide, stability, and speed) and more curved toward the toe (for agility and acceleration). The balance point is a bit front of center. Most performance profiles on the market today are Heel Glides.

All Elite's performance **Duos**, **Triples**, **Quads**, and the all-new **Polaris** share the common characteristic of starting out comparatively rockered in front and becoming progressively flatter towards the heel. Prosharp's Zuperiors, Quads and Duos also fit into this category.

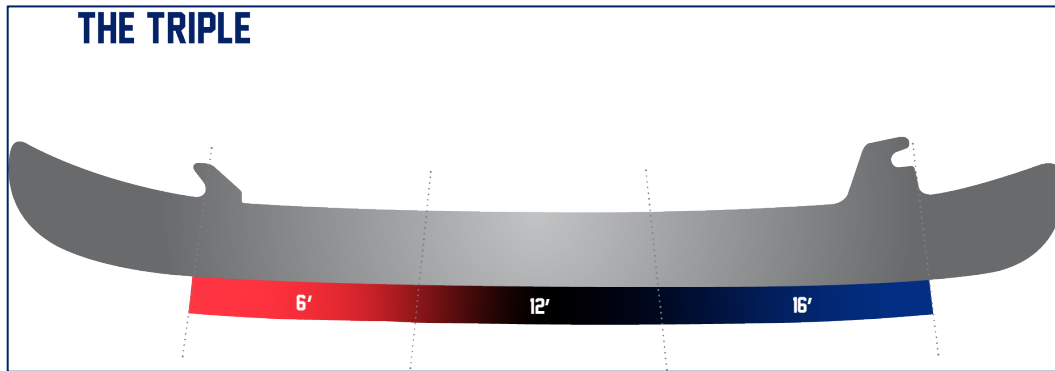


**DUOS** – Combining two radius curves, the duos are some of the earliest performance profiles. And they are popular with some top players. With a shorter radius curve in the front and a longer curve in the heel, the duos have a good balance of agility and stability. Some players find the transition from toe to heel to be a bit abrupt.

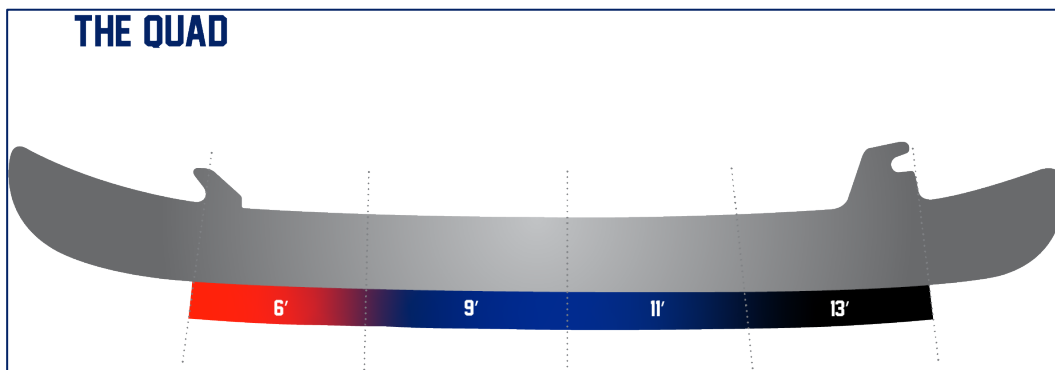




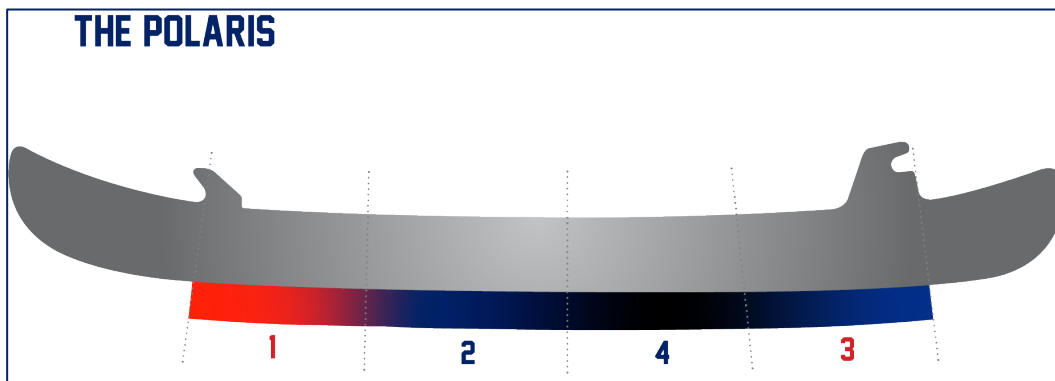
**TRIPLES** – With three radius curves, the triples are more rockered at the front, progressing to flatter curves at the back. Transitions are smoother than the duos. They are fast, powerful, and solid, providing a good balance of agility and stability. *Our Triples are similar to the Prosharp Superior.*



**QUADS** -- The quads have four different radius curves, with a more gradual transition between curves than the duos and triples, and provide an excellent balance of speed, power, agility, and stability. *Our Quads are very similar to the Prosharp Quads.*



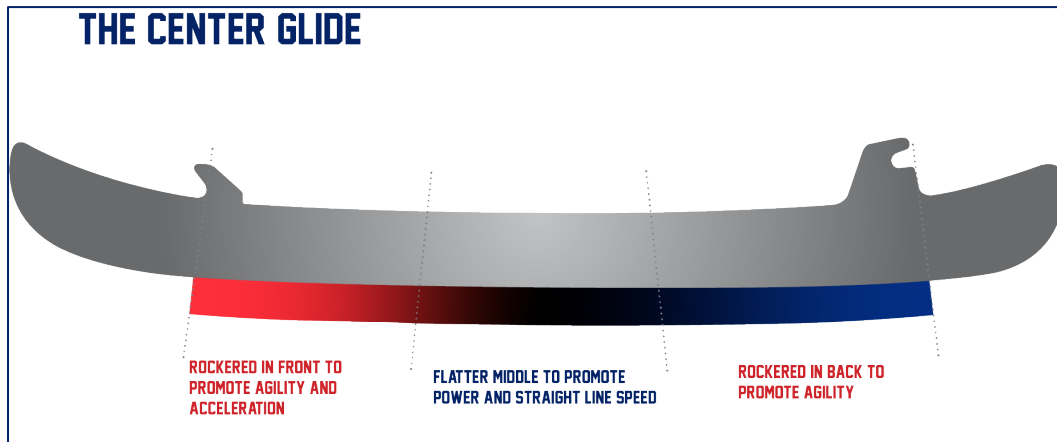
**POLARIS** -- Named to acknowledge the Northern roots of its Finnish creator, Petri Hirvelä, the Polaris is the evolution of the Quad, and the newest profile in our collection. A very agile profile, the Polaris also provides exceptional power and stability, with very smooth transitions. Compared to the other Quads, the Polaris is significantly lighter in the back which gives it extra agility. The Polaris is quickly becoming a favourite in our collection. For clients who have been skating on a Duo, Triple or Quad, we highly recommend trying the Polaris.



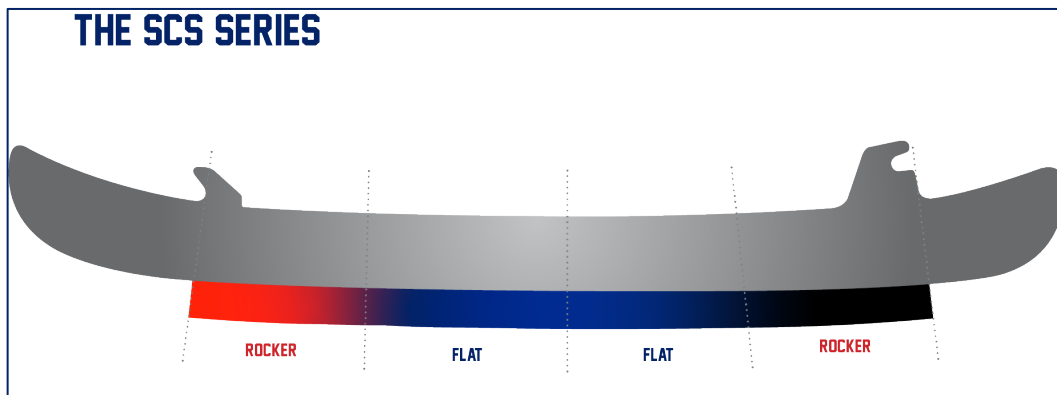


# CENTER GLIDE PROFILES

The Center Glide profiles flatten an area under the middle of the blade to provide more contact with the ice surface, while the toe and heel sections are comparatively more rockered. The balance point is in the middle of the blade. The traditional CAG-ONE profiles fit into this category. Elite’s SCS series is our most popular and high performing profile in the Center Glide family.



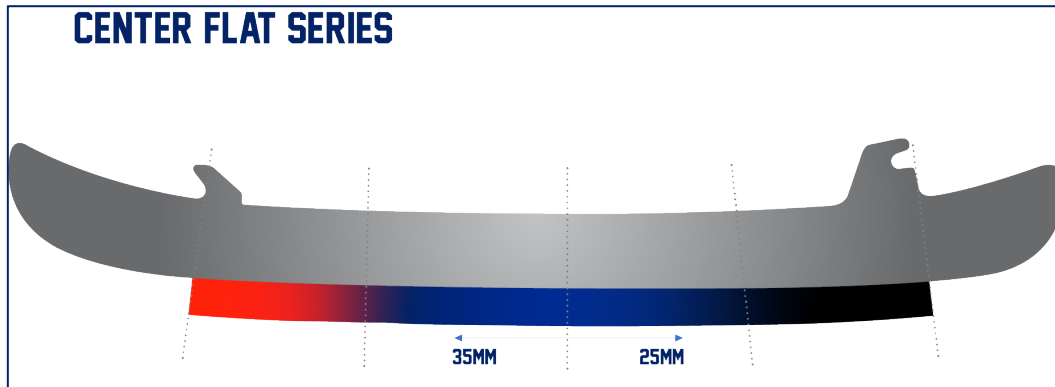
**SCS SERIES** – A proprietary family of profiles, with a sequence of flatter radius curves under the middle of the foot, and comparatively rockered toe and heel sections. The effect is a very powerful and smooth-skating profile, which provides high top-end speed and powerful striding turns while preserving agility and explosiveness. The ultimate blend of agility, power, and speed, the SCS is very popular with pro players across North America.



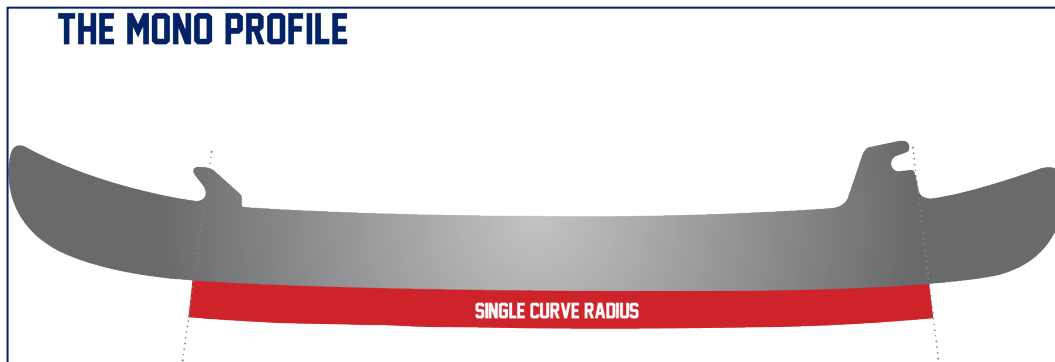


**CENTER FLAT SERIES** – The Center Flats are Elite’s version of the CAG profiles, which have an actual flat section at or near the middle of a 10’ mono blade. The flat section adds speed and stability but with a loss of agility, especially in the longer lengths. As well, the transitions onto and off of the flat section are not smooth in the longer lengths.

The SCS is a much higher performing Center Flat design. If you have players that have been skating on a CAG, we highly recommend they try the SCS series.



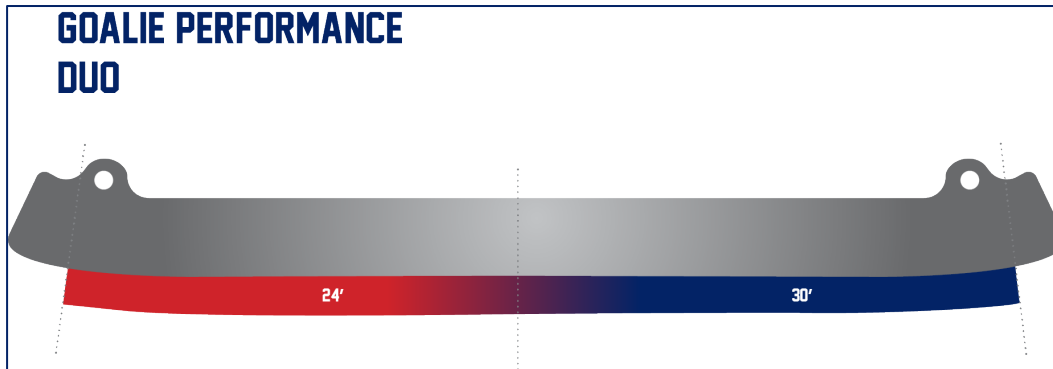
## MONO PROFILES



**MONOS** – We recommend our performance profile combinations but understand that some players are more comfortable with a stock blade. The monos will feel familiar, but with no performance gains in agility, power, speed, or stability.



# GOALIE PROFILES



**GOALIE DUOS** – The goalie duos have a shorter radius curve in the front to add more agility in the front with same stability in the back. These profiles preserve stability, but offer a slightly more aggressive pitch forward, which facilitates quicker lateral movement and allows them to regain their feet more quickly.

**GOALIE MONOS** – These are a standard stock goalie blade. Very short release zone at each end.



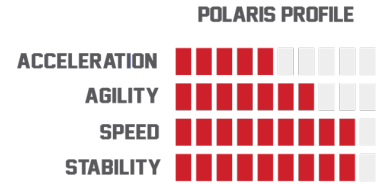
# MOST POPULAR ELITE PROFILES

## HEEL GLIDES

### POLARIS QUAD

*Large, Standard, Junior*

The newest Quad in our collection, the Polaris is very agile with exceptional power and stability. Extremely smooth transitions. With a slight forward pitch feeling, the Polaris also feels significantly lighter in the heel which provides extra agility.

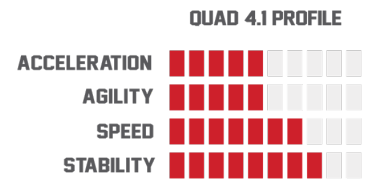


### EL4.1 QUAD

*(6'-9'-11'-13') Large, Standard*

*(5'-8'-10'-12') Junior*

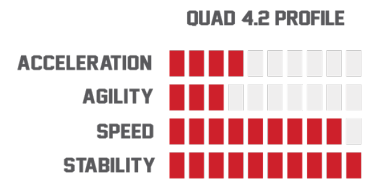
Fast, powerful, solid. Smooth transitions. Slight forward pitch feel. The lightest feel of the quads. *(Similar to the Prosharp Quad Zero)*



### EL4.2 QUAD

*(7'-10'-13'-16') Large, Standard*

A little less agile feeling than the 4.1, with good balance. A good mix of power and agility. Extremely solid, stable feeling profile. *(Similar to the Prosharp Quad 2)*



### EL3.1 TRIPLE

*(6'-12'-16') Large, Standard*

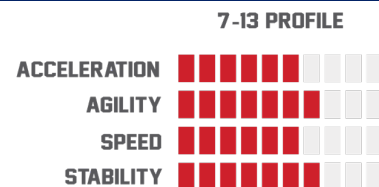
*(5'-10'-13') Junior*

Light, agile toe, with a very slight forward pitch feel. Flatter heel provides good stability. Good mix of agility, power, and stability. *(Similar to the Prosharp Zuperior)*



### 7'-13' DUO

Great all-around profile, strong glide, some forward pitch feel. Some find the transition from toe to heel to be a bit abrupt.







## 8'-12' DUO

Similar to 7-13, with slightly less forward pitch feel.

### 8-12 PROFILE



## 9.5'-10.5' DUO

This is close to a stock blade. Decent balance of agility and stability with a light feel.

### 9.5-10.5 PROFILE



## CENTER GLIDES

### SCS-1

*Large, Standard, Junior*

Four radius curves, flattest in the center of the blade. Very powerful and smooth-skating profile, with high top-end speed and powerful turns while preserving agility and explosiveness. The ultimate blend of agility, power, and speed. This is the most agile of the SCS profiles, with the most rockered heel and toe sections.

### SCS 1 PROFILE



### SCS-2

*Large, Standard*

Has the same mid-foot flatter-radius curves as the SCS-1, but with slightly less rockered heel and toe for greater power and stability.

### SCS 2 PROFILE



## PLAYER MONOS

### 10' MONO

Stock, out of the box blade. Decent basic blade with some agility/stability, but no performance gains in agility, power, speed, or stability.

### 10 FOOT MONO PROFILE





## GOALIE BLADES

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### **26'-30' DUO**

Maintains strong stability and control, with agile lateral and up and down movement.

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### **30' MONO**

Standard stock goalie blade. Short release zone at each end.

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### **28' MONO**

Slightly more rockered feel than the 30.

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# ELITE E-P3 TEMPLATES

## HEEL GLIDES

Heel glides are flatter toward the heel (to enable stability and speed) and more curved toward the toe (for agility and acceleration). Heel Glides come in duo-, triple-, and quad-curve sequences.

### DUOS

- 7-12
- 7-13
- 7-14
- 8-12
- 8-13
- 8-14
- 9.5-10.5
- 10-11
- 10.5-11.5

### TRIPLES

- EL3.1 (6-12-16) *Large, Standard*
- EL3.1 (5-10-13) *Junior*
- EL3.2 (6-13-26)

### QUADS

- EL4.1 (6-9-11-13) *Large, Standard*
- EL4.1 (5-8-10-12) *Junior*
- EL4.2 (7-10-13-16) *Large, Standard*
- EL4.3 (6-9-12-15)
- EL4.4 (6-9-11-26)
- EL4.5 (8-10-12-14)
- POLARIS** *Large, Standard, Junior*

## CENTER GLIDES

The Center Glide profiles flatten an area under the middle of the blade to provide more contact with the ice surface, while the toe and heel sections are more rockered.

### SCS SERIES

- SCS 1 *Large, Standard, Junior*
- SCS 2 *Large, Standard*
- SCS 3 *Large, Standard*

### CENTER FLATS

- 40 mm (Neutral, F1, F2)
- 50 mm (Neutral, F1, F2)
- 60 mm (Neutral, F1, F2)
- 70 mm (Neutral, F1, F2)
- 80 mm (Neutral, F1, F2)

## GOALIE PROFILES

### DUOS

- 22-30
- 24-30
- 26-30
- 28-30
- 24-28

### MONOS

- 28
- 29
- 30

## MONOS

### PLAYER MONOS

- 9
- 10
- 11
- 12
- 13
- 14

All templates come with neutral and three forward pitched orientations (integrated in E-P3): 1/64", 1/32" and 3/64".  
Blade size: Large = 272 and above. Standard = 254-272. Junior = 246 and below. Custom templates available on request. All Prosharp and CAG profiles available on request. Except where otherwise indicated, numbers refer to profile radius in feet.