



INTERNATIONAL
COACHING
SYMPOSIUM
CZECHIA
Prague

2024 IIHF INTERNATIONAL COACHING SYMPOSIUM



INTERNATIONAL
ICE HOCKEY
FEDERATION

MAY 18-20



ICE HOCKEY
WORLD
CHAMPIONSHIP
CZECHIA
Prague - Ostrava



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#ICS24



Improving players performance

Niclas Rosenholm



BAUER

Improving Player Performance



AGENDA

- PLAYER INNOVATION
- PROSHARP BAUER
- SKATE PROFILING & SHARPENING
- MACHINES

PLAYER PREPARATIONS



OFF-ICE

Physics

ON-ICE

Equipment

Our player first approach drives our relentless pursuit of game-changing innovation, and product development to elevate player performance and protection. It begins with capturing insights to ensure we address player needs and create authentic solutions for the hockey environment.

BLAINVILLE – BAUER INNOVATION CENTRE



PROSHARP

BAUER



PROSHARP JOURNEY

- Automatic & semi-automatic skate sharpening machines
- Majority of NHL teams
- SHL, HA, SDHL
- Market leader in all European leagues
- Top National teams in Europe
- Leading performance in skate sharpening and profiling

MORE THAN 40 YEARS EXPERIENCE

First
Machine
1986

Zuperior
2003

Collab
With Bauer
2019

Bauer
2021

Double
profiling
1995

Quad 2013

Ellipse
2020

PROSHARP TODAY

- Prosharp headquarters located in Sundsvall, Sweden.
- Global sales, marketing and distribution.



PROSHARP TODAY

Education

- EQM manager shows
- Educations
- Insights from users



Player Fitting

- Educate store staff
- Right gear
- Right size
- Right profile



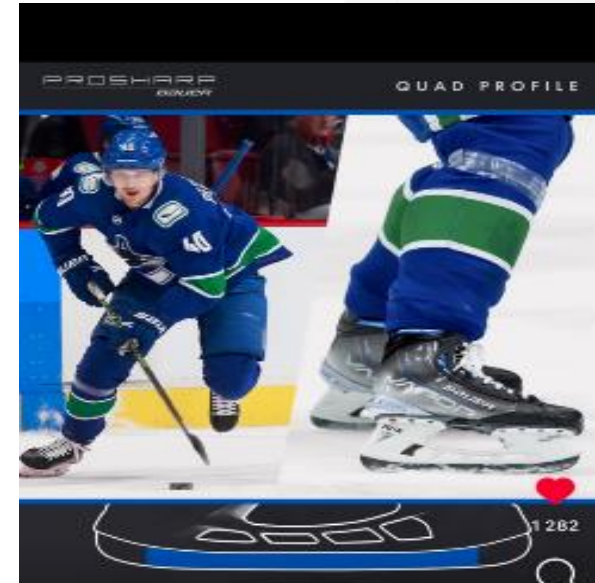
Retail Readiness

- Educate retail
- Our voice in store
- Test profiles



Marketing

- Awareness
- Social media
- Ice test



SKATE PROFILING

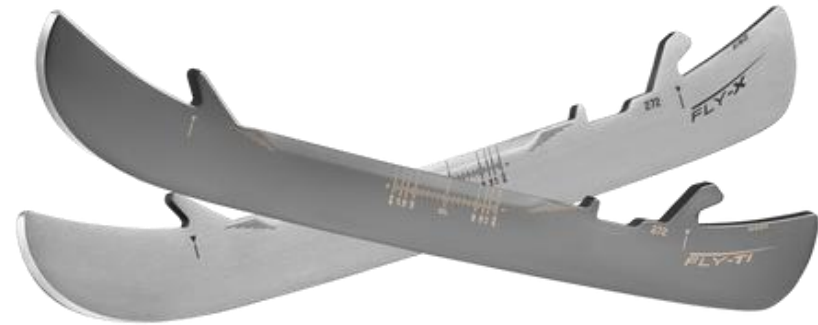


WHAT IS SKATE BLADE PROFILE?

Profiling is the shaping of the steel skate blade from heel to toe, customizing the blade shape to each player's body position, skating ability, and stride.

By doing this, players can maximize their blade's contact to the ice, and the 4 key aspects of skating - acceleration, transition, speed, and stability.

- Steels shape from the side
- Small difference in millimeters correlates a huge difference in on ice feel & performance
- **Large radius** provides larger ice contact → enhanced balance and gliding properties
- **Small radius** provides shorter ice contact → enhanced acceleration and agility



SKATE PROFILING

PURPOSE OF PROFILING

- Same shape on both steels
- Give the player a tailored ice contact, maximizing their performance on ice
- Even edges on every hollow sharpening
- Hands off during the sharpening, which gives you time to do other stuff meanwhile

LANDSCAPE



100%



15 YR OLD ELITE
PLAYERS ~ 90%



95+%



85+%

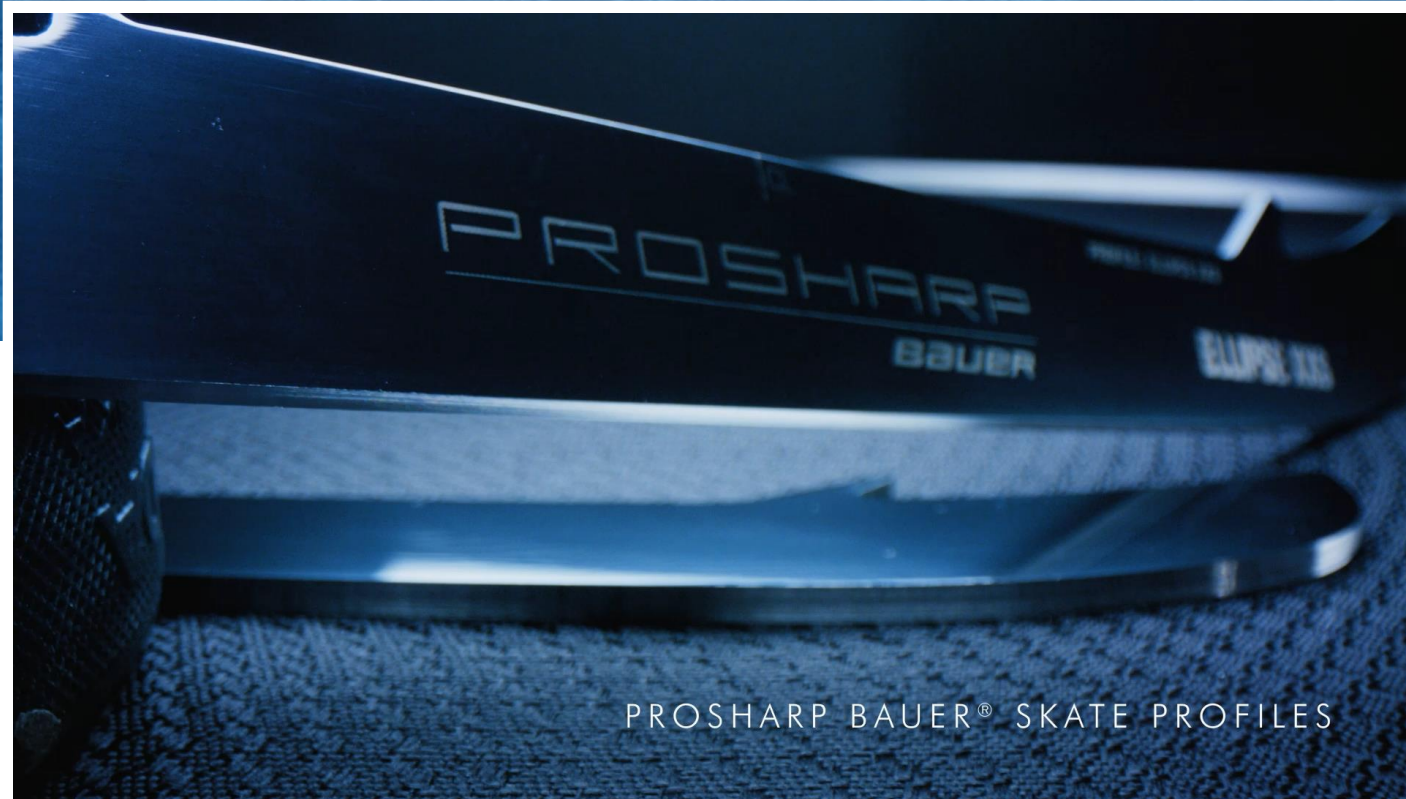


<10%

NORTH AMERICAN YOUTH
PLAYERS



SKATE PROFILES




PROSHARP BAUER® SKATE PROFILES

PROSHARP PLAYER PROFILES

PROSHARP
BAUER

PRECISION IN EVERY STEP




ZUPERIOR PROFILE

FEEL MORE ON TOES
QUICKER AGILITY & ACCELERATION



PROSHARP
BAUER

PRECISION IN EVERY STEP




ELLIPSE PROFILE

SMOOTH TRANSITIONS BETWEEN ZONES
SEAMLESS FEEL ON ICE



PROSHARP
BAUER

PRECISION IN EVERY STEP



QUAD PROFILE

FEEL MORE CENTRALLY BALANCED
POWERFUL SKATING STRIDES



ZUPERIOR - AGILITY

DESCRIPTION

- Feel More On Toes
- Quicker Agility
- Quicker Acceleration
- Launched 2004

FOR WHO?

- Wingers
- Defensive D-men



PROSHARP
BAUER

PRECISION IN EVERY STEP

ZUPERIOR PROFILE

FEEL MORE ON YOUR TOES
QUICKER AGILITY & ACCELERATION

ACCELERATION TRANSITION & SPEED STABILITY

The advertisement features two main images. On the left, a close-up of a player's legs in white and red gear, wearing black Bauer ProSharp Superior skates, with a blue banner above them reading 'PRECISION IN EVERY STEP'. On the right, a player in a white and green jersey is shown in a dynamic skating pose, with a close-up of their black Bauer ProSharp Superior skates. Below the images, a blue banner reads 'ZUPERIOR PROFILE', followed by the text 'FEEL MORE ON YOUR TOES' and 'QUICKER AGILITY & ACCELERATION'. At the bottom, three categories are listed: 'ACCELERATION', 'TRANSITION & SPEED', and 'STABILITY'.



QUAD - POWER

DESCRIPTION

- Powerful strids
- Tailormade radius on each key zones
- Helps you shift body weight
- Good for crossover skating
- Easy to change direction
- Launched 2013

FOR WHO?

- Centers
- Offensive D-men
- Explosive skaters



PROSHARP
BAUER

PRECISION IN EVERY STEP

QUAD PROFILE

FEEL MORE CENTRALLY BALANCED
POWERFUL SKATING STRIDES

ACCELERATION TRANSITION SPEED STABILITY

The advertisement features a black and white image of a Bauer ProSharp Quad ice skate on the left, with a blue highlight on the blade. On the right, a hockey player in a Boston Bruins jersey is shown in action, with a close-up of the skate. The text 'QUAD PROFILE' is prominently displayed in a blue box, and the tagline 'FEEL MORE CENTRALLY BALANCED POWERFUL SKATING STRIDES' is below it. At the bottom, a horizontal bar highlights the four key zones: Acceleration, Transition, Speed, and Stability.



ELLIPSE - DYNAMIC

DESCRIPTION

- “Automatic Gearbox”
- Seamless Feel Through Out The Blade
- Adjust Ice Contact With Body Balance
- Launched 2020

FOR WHO?

- Dynamic player



PROSHARP GOALIE PROFILES



**GOALIE ELLIPSE
DYNAMIC**
PROFILE

Helps Stability
Provides Shorter Toe Contact



**GOALIE SAM
AGILITY**
PROFILE

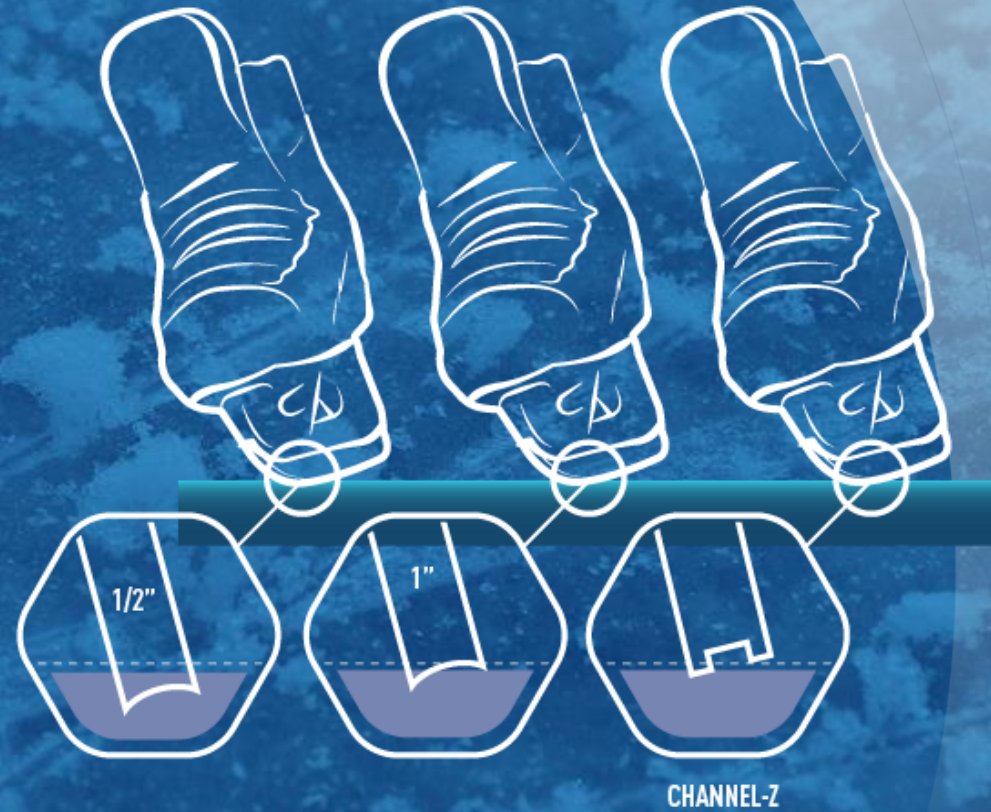
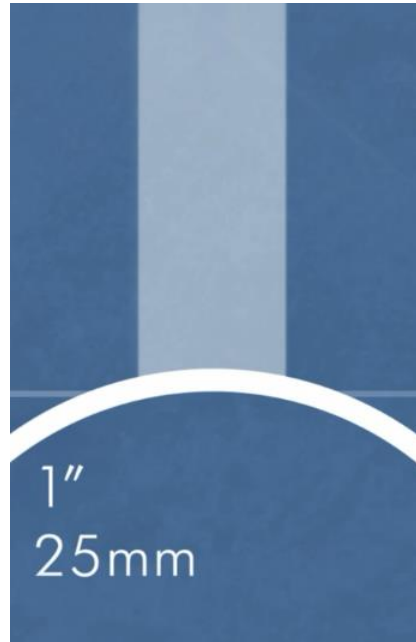
Enhances Footwork
Easy to Cut Off Angles

SKATE SHARPENING



PROSHARP BAUER® SKATE SHARPENING

WHAT IS A HOLLOW?



SHARPENING & PROFILING SUMMARY





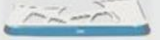
BENEFITS OF PROFILING AND SHARPENING

- Profiling is for everyone
- Maximize & customize performance
- Improve efficiency
 - Acceleration
 - Agility
 - Speed
 - Stability

AUTHORIZED SERVICE CENTER
PROSHARP
BAUER

WHAT IS PROFILING?

Profiling benefits everyone. Profiling is the shaping of the blade from heel to toe optimizing acceleration, ice contact, and improving each player's agility, balance and power.

 SUPERIOR AGILITY PROFILE	 ELLIPSE DYNAMIC PROFILE	 QUAD POWER PROFILE	 GOALIE SAM AGILITY PROFILE	 GOALIE ELLIPSE DYNAMIC PROFILE
Feel More On Toes Quicker Agility & Acceleration	Smooth Transitions Between Zones Seamless Feel On Ice	Feel More Centrally Balanced Powerful Skating Strides	Enhances Footwork Easy to Cut Off Angles	Helps Stability Provides Shorter Toe Contact

WHAT IS SHARPENING?

Sharpening is the operation of placing a hollow on the bottom of a skate blade creating two even edges that grab the ice.

DEEP MAXIMUM BITE, MAXIMUM GRIP			SHALLOW MINIMUM BITE, MAXIMUM GLIDE		
1/2" 13mm	5/8" 16mm	3/4" 19mm	7/8" 22mm	1" 25mm	1-1/4" 31mm



AS 2001 ALL PRO-SC THE ULTIMATE PROFILING MACHINE

- Semi-automatic skate sharpening machine
- Profile one pair blade at same time
- Self-centering clamp steels
- Same result, no matter who's working
- Hands off during profiling
- Hand built in Sweden
- Warranty 30.000 cycles or 3 years



SKATEPAL PRO 3

HEAVY DUTY COMMERCIAL SHARPENER

- Automatic skate sharpening machine
- Keeps profile on blades
- Self centering clamp steels
- Fixed hollows on wheels
- Service suggested once a year
- Hand built in Sweden
- Warranty 15.000 cycles or 3 years



AS 1001 ALL PRO-SC PERFORMANCE SKATE SHARPENING MACHINE

- Semi-automatic skate sharpening machine
- Keeps profile on blades
- Self centering clamp steels
- Portable
- Service suggested once a year
- Hand built in Sweden
- Warranty 20.000 cycles or 3 years





ADVANTEDGE

- 4 motors
- Brushless motors
- Belt drive
- Upgraded packaging
- Motor covers
- RFID connection
- Automated door lock

BENEFITS OF AUTOMATION

PROFILING

- BLADEMASTER (by hand) - 35 min
- AS2001 SC (hands off) - 22 min

SHARPENING

- BLADEMASTER (by hand) - 7 min
- AS1001 SC (hands off) - 5 min

PROFILING & SHARPENING

- 42 min – FULLY HANDSON
- 40 min
- 29 min
- 27 min
 - 99% HANDS OFF
 - SAVE 15 minutes



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