

Technical Race Gear & BEAST Tuning Tools



RACE PLACE



Valerie Cross
Big Sky Ski Education Foundation
Eureka, Montana

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INDEX

Race Suits	4-9
Outerwear	9-11
Socks & Baselayers	12-13
Gloves & Mitts	14-17
Podium Shoes	17
Back Protectors	18
Shin Guards	19
Arm Guards	20
Skis, Boots & Bindings	21
Ski Sizing Guides	22
Ski Bags	23
Ski Poles & Guards	24-25
Helmets & Goggles	26-31
Gear Bags	32-33
Accessories & Boot Dryers	34-35
Tuning & Waxing Tips	36-39
History	40
BEAST Tools	41-44
Edge Tools	45
Benches & Vises	46
Files & Stones	47-49
Base Repair	49
Wax Brushes	50-51
Wax Irons & Accessories	52-53
Corks, Buffers & Fiber	54
Ski Wax	55-61
Tune & Wax Packages	62-63



Valerie Cross

Valerie got the spark of love for skiing when she was six on a family ski trip. Her family was living in Florida at the time. After many years of traveling to ski each winter, her parents recognized her passion for the sport and moved to Eureka, Montana, where she joined the Flathead Valley Ski Education Foundation as a second-year U14.

In only her second year of racing, Valerie suffered a broken femur, five broken ribs and a lacerated spleen and liver while training for championships. Through pure dedication and grit, she was able to return the next season and finished strong in the Western Regional Championships.

Although she has only been in the sport for a short time, she aspires to become a member of the US Ski Team and race in the Olympics. Through her devotion and mental focus, we believe she can!

We appreciate Valerie's passion and are honored to have her as our 2023-2024 cover winner and grant her the award of \$3,000 in gear to assist in her first year as a FIS racer!

Race Place - 29th Year

Thanks to all of our dedicated customers and our amazing staff for making us the largest supplier of alpine race gear in North America!

See page #40 for a history of how Race Place & BEAST Tuning got their start.



Cole Van Etten

Cole is a dedicated athlete and an active member of his community. He has been recognized in both academics and athletics for his excellent character, attitude and work ethic. Cole was part of creating a non-profit organization called Saranac Lake Innovative Cycling Kids, which raises money to support a pump track as a fun and safe environment for kids in his community.

In addition to his commitment to his community, Cole works summers to support his ski racing activities and goals. Cole will be a first-year FIS racer this season, and we wish him good luck!

We applaud Cole's dedication and welcome him as our back cover athlete with the \$1,500 award.

Read their full stories at

<https://the-raceplace.com/pages/catalog-cover-contest>



RACE SUITS



The ASPIRE Story

Race Place's quest for a new direction in GS race suits began several years ago with the goals of being made in the U.S.A., affordable, and readily available. After extensive planning and research, we found a high-quality manufacturing partner in the United States and now offer unique ASPIRE FIS GS Suits to the ski world.

- **Made in the U.S.A.** - Unparalleled American workmanship that supports the U.S. economy and jobs.
- **Affordable** - High-quality FIS-approved suits at reasonable prices.
- **Availability** - Since our suits are made here in the U.S.A., we can re-order anytime with delivery in just 3-4 weeks. This means your favorite design will always be available in short order!

Aspire means Aim to Achieve, and we are confident that ASPIRE Race Suits can assist in your quest to achieve ski racing success.

Features:

- Vision Heavy Performance fabric
- Digitally printed sublimated design
- 8-panel anatomic construction
- Laser cut for a precise fit
- High impact pads are removable for customization
- Durable YKK zippers
- Inside ski pass pocket
- Thumb anchor straps
- Silicone leg grip
- Reinforced lower leg/buckle area
- Meets FIS 30ml air porosity requirements
- FIS Logo printed on lower left leg





RACE SUITS

ASPIRE is our line of FIS GS suits made of Vision Heavy Performance material that is laser cut and precision stitched. High-impact pads are strategically placed in the 8-panel anatomic design for gate protection. American craftsmanship ensures the best race suit money can buy.



Pyramid

Elevate your performance and leave a trail of awe-inspired spectators in this padded race suit.

Color: Sunset, Gray or Blue



Phoenix

Unleash your inner Phoenix, and take flight on the slopes in this GS suit with wing graphics on the arms.

Color: Rose or Purple



Turbo

Let this suit encourage you to turn on the afterburners as you rip up the race course.

Color: Blue/Red



Velocity

Designed for those racers who like to reach top speed quickly and look good doing it!

Colors: Purple or Blue



Energie

Charge down the slopes in this unique design full of power and speed.

Color: Black/Pink

RACE SUITS



Galaxy

Reach for the stars on your way to the top of the podium in this celestial-inspired design.

Colors: Blue/Pink



BEAST Zenith

Set yourself up to succeed in this padded GS suit with our powerful BEAST logo.

Colors: Red, Blue or Olive

All ASPIRE & BEAST GS Suits are padded and FIS approved for your quest for ski racing success.

Adult Sizes \$450
Junior Sizes \$350



What are USSA & FIS Points?

Method of Ranking

USSA & FIS have developed a method of ranking athletes based on the caliber of the competition and how an athlete compares against the winning time. USSA is the national ranking system in the United States, while FIS regulates the international points system. Racers earn points by registering for membership and competing in sanctioned events. An athlete's point rankings are important for start seed placement. The lower your points, the better your start position.

How are Points Scored?

Race Points + Penalty = Racer's Result

A point penalty is calculated for each race based on the seed points of the top racers who finish in an event and the time spread between the top finishers. The winner of a seeded race is given zero race points, and each subsequent racer's points are determined by comparing their time to the winner's time. An athlete's seed points are an average of their best results.

For more details, see the USSA website & Alpine Competition Guide.
<https://usskiandsnowboard.org/competition/points/alpine-points>



The Arctica GS Race Suit is constructed with exclusive RaceFlex or NexGen fabric for unmatched quality, performance, and value. Engineered with a nine-panel anatomical construction and elastic thread to provide the best possible fit. The FIS logo printed on the back left leg ensures legality.



Black Kat | Shadow | Apex

Color: Black

Adult \$400 | Junior \$360



Vortex

Color: Multi

Adult \$400 | Junior \$360



Iconic

Colors: Black, Midnight, Lime or Hot Pink

Adult \$400 | Junior \$360



Patriot

Colors: Camo, Midnight and White

Adult \$380 | Junior \$340

RACE SUITS



Karbon GS suits have been designed using the insights and recommendations of World Cup athletes. An anatomical, snug fit ensures less wind resistance and increased speed. FIS logo is printed on the left leg to conform with current FIS regulations.

Adult Sizes \$500
Junior Sizes \$450



Defender

Colors: Navy, Blue or Red



Falcon

Colors: Navy/Lime or Blue/Black



Empress

Colors: Orange, Blue or Purple

FIS APPROVED RACE SUITS

WHY

Tight-fitting, less porous race suits are more aerodynamic and faster. These less porous suits become hazardous in a fall on the snow where there is very little friction, and the racer cannot slow down. FIS requires suits to be porosity tested to reduce this risk and potential injury.

FIS implemented minimum porosity and design restrictions so that all certified race suits have similar aerodynamics. The amount of air that blows through race suit fabric is machine tested, and if passed, a FIS logo is printed on the left calf.

WHO

FIS Approved suit requirements are applicable for U-19 (16 years and up) and older athletes competing in GS, SG, and DH at Continental level and up (i.e., NorAM, World Junior Championships, Europa Cup and World Cup).



Men's Performance GS Suit

Constructed with removable pads, this anatomically designed race suit offers the best gate protection, versatility, and intense performance. FIS conformity logo printed on lower left leg (Adult only).

Men's \$700



Men's 990 GS Suit

The Nine Ninety is an entry-level GS race suit with padding for gate protection and high-quality material for reaching your top speed.

Men's \$550



Women's Performance GS Suit

This GS Race Suit sets the standard in ski racing protection, versatility, and performance. Removable forearm, upper arm, thigh, and knee pads add versatility and customization. FIS Approved (Adult only).

Women's \$700



Women's 990 GS Suit

Spyder's Nine Ninety is designed specifically for entry-level ski racers. Features padding in all the critical areas for gate protection—the perfect choice for aspiring speedsters.

Women's \$550

RACE SUITS



Spyder Boy's & Girl's Performance GS Suit

Constructed with removable pads, this anatomically designed race suit offers the best gate protection, versatility, and intense performance.

Junior \$449



POC Skin GS Suit

The Skin GS Race Suit has pads built into the arms, hips and legs. Adult Suits are FIS Approved with FIS logo on back of the leg.

Adult \$700 | Junior \$450

SIDE-ZIP SKI BIBS



Arctica Side-Zip Ski Bib

The Arctica Side Zip Ski Bib provides more warmth for the torso and is designed for racers to comfortably fit over a race suit. Fleece-lined adjustable waist, belt loops, and wide suspender straps for versatile comfort.

Adult \$250



Spyder Coaches Bib

Proven over decades, this bib has a pocket for every tool, radio, and file needed. Constructed for long hours on the snow with warm insulation, lightly padded knees, leg vents and weatherproof material.

Adult \$499

SIDE-ZIP SKI PANTS



Arctica Side-Zip Ski Pant

Ski clothing should be as colorful as the sport, and Arctica has colors to satisfy your preference. Our #1 pant for over 10 years! A relaxed fit in a waterproof/breathable nylon with insulation and removable suspenders.

Adult \$225 | Junior \$199.50



Arctica Men's Speedster Pant

This pant provides premier performance with all-way stretch waterproof/breathable fabric and a trim, precise fit. Insulated pant with removable suspenders and snow cuffs.

Men's \$265



Arctica Women's Speedster Pant

This stretch pant features stretch waterproof/breathable fabric, full side zippers, removable suspenders, snow cuff and a slim fit in women's specific sizing.

Women's \$265



Karbon Women's Crystal Ski Pant

These ski pants have full side zips for easy removal at the top of the racecourse. They are insulated with just the right amount to keep you warm without feeling bulky and feature Karbonite waterproof fabric.

Women's \$240



Karbon Nitrogen Ski Pant

Pant offers full side zips, lightweight insulation and waterproof technology.

Adult \$240 | Junior \$190



Spyder Tarantula Pant

Insulated ski pant with full side-zips, removable suspenders, and many other features.

Men's & Women's \$249



Spyder JR Guard Pant

Stretch weather-resistant fabric for protection on cold days, and full side zips for easy transitions.

Junior \$169

JACKETS & TRAINING SHORTS



Arctica Classic Down Packet

Classic design with a Packet rear pocket that turns the jacket into a napping pillow or used as a storage pocket for race gear. Warm 650-fill power Goose Down and DURALITE shell fend off moisture.

Men's & Women's Black, Midnight, Royal or Petrol (Women only) \$300



Arctica Warm Up Coats

Warm-up coats with arms so that you can ski in them! Helmet-compatible hood, insulated and waterproof to keep you warm and dry at the start. Deep front hand warmer pockets.

Unisex \$225



Rain Ponchos

Rain shells with fixed hoods and three-quarter length help keep you warm and dry while waiting for your race start.

Arctica Convertible \$225 | Arctica \$160 | Karbon \$100 | Spyder \$149



Arctica Black Kat Training Jacket & Short

Stretch softshell with fleece inside. Wear over your race suit to keep muscles warm.

Jacket \$195 | A Team Short \$150



Arctica Training Short

Waterproof and insulated shorts keep thigh muscles warm during training.

Adult \$150 | Junior (Black Only) \$140

Please see www.the-raceplace.com for detailed information, size charts and availability.



Karbon Stretch Short

Water repellent, stretch softshell material with front zippers and removable suspenders.

Adult \$130 | Junior \$110



POC Race Short

Ultra-stretch fabric with a fleece lining to keep your legs warm.

Adult \$200 | Junior \$170



Spyder Softshell Short

Softshell shorts with front zippers and removable suspenders keep junior thigh muscles protected.

Adult \$179 | Junior \$139

SKI SOCKS



Darn Tough RFL Ultra-Light Socks

Thinnest wool sock without cushion for a close performance fit.

Men's \$28



Darn Tough Light Socks

Light merino wool for warmth without the bulk. Performance fit for no slipping or bunching.

Men's \$28



Darn Tough Women's RFL Ultra-Light

Thinnest wool sock without cushion for a close performance fit.

Women's \$28



Darn Tough JR RFL Ultra-Light

Super thin so it can slip into a boot that any discerning skier has molded to their feet.

Junior \$19



Darn Tough JR Ski Socks

Mid-weight junior sock with cushioning for a warm and ultra-comfortable fit.

Junior \$20

FALKE
GERMANY 1895



Falke JR Ski Socks

Fast heat and moisture transport, as well as the optimum fit ensure great comfort and a sporty day of skiing.

SK4 Light \$27 | SK2 Medium \$26



Falke SK4 Energizing Ski Socks

Lightweight compression for a wrinkle-free fit and stimulates circulation for warmth and quick muscle recovery.

Men's & Women's \$56



Falke SK5 Ultra-Light Ski Socks

Ultra-light cushioning, perfect for all custom-fit boots, silk offers superior, extremely lightweight thermal insulation.

Men's & Women's \$52

SKI SOCKS & BASELAYERS



Men's Zero Cushion Socks

Absolute minimum between your feet and boot. Ideal for new, vacuum-tight boots.

Men's \$27



Smartwool Ski Day Socks

Ultra light-weight with an iconic mountain scene for aspirational imagery. For vacuum-tight fit.

Men's \$27



Women's Targeted Cushion Socks

Women's specific targeted cushion reduces in-boot bulk while protecting your feet from blisters.

Women's \$28



Women's Zero Cushion Socks

Ultra light-weight ski sock for or a more technical fit.

Women's \$27



Junior Zero Cushion Socks

Zero cushion for the best-fitting junior ski socks with warm Merino wool.

Junior \$26



Falke SK7 No Cushion Ski Socks

No cushion ensures direct contact with your ski boot and the thinnest sock for custom fit boots.

Men's & Women's \$37



POC Cut-Resistance Jersey

Designed to protect against lacerations from ski edges featuring Dyneema cut-resistant fabric in strategic areas.

Adult \$250 | Junior \$200



POC Cut-Resistance Pant

Dyneema cut-resistant fabric is strategically placed to protect you from lacerations from sharp ski edges.

Adult \$300 | Junior \$250

LEKI

RACE GLOVES & MITTS



WCR Venom SL Glove & Mitt

Premium race gloves with Ceramic 3D finger padding, Speed Panel knuckle protection and a padded gauntlet for the best gate protection.

Adult Racer Price \$275



WCR C-Tech 3D Glove & Mitt

Waterproof softshell with siliconized goatskin palm, Thinsulate, Ceramic 3D knuckle & finger protection, and pre-curved Race Fit.

Adult Racer Price \$160



JR WCR Venom 3D Glove & Mitt

Leather junior glove with Ceramic 3D finger covers and a padded gauntlet to protect your hands from gate hits.

Junior Racer Price \$180



JR WCR C-Tech 3D Glove & Mitt

A sporty junior race glove with ceramic enforced EVA finger padding & C-TECH knuckle protection between you and the race gates.

Junior Racer Price \$140



JR WCR Team 3D Glove & Mitt

A sporty junior ski glove with a roomy comfortable fit, rip-stop shell with waterproof liner and warm insulation.

Junior Racer Price \$75



SHRED Protective Race Glove & Mitt

Ted Ligety inspired w/Superfabric on the back to use as an outrigger in extreme turns. Designed to fit seamlessly with SHRED arm guards.

Adult \$250

SHRED.

RACE GLOVES & MITTS

LEVEL



Level Worldcup CF Glove & Mitt

Waterproof goat leather, Thinsulate and abrasion-resistant Superfabric sets the standard for racing protection, performance and warmth.

Adult \$300



Level SQ CF Mitt

A World Cup favorite with rigid knuckle protection, waterproof goat leather, Superfabric and warm Thinsulate insulation.

Adult \$260



Level Race Mitt

Low profile knuckle and finger padding for the perfect balance of comfort, warmth and light protection.

Adult \$200



Level JR Worldcup CF Mitt

Perfect for young racers w/waterproof leather, Thinsulate insulation and padding on the back of the hand.

Junior \$190

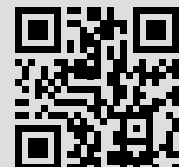


Level Speed Over Mitt

Designed to fit over your race gloves and mittens as an added layer of protection from cold, harsh weather.

Adult \$50

Please see
www.the-raceplace.com
for detailed fit guides
and availability.





Race Superfusion Glove & Mitt

Injection-molded plate over the knuckles and SuperFabric® on the fingers for unmatched durability and hand protection.

Adult \$300



Race Force Mitt

EVA foam impact protection, full goatskin leather, Primaloft Gold insulation and waterproof insert will keep you warm, dry and comfortable.

Adult \$175



Son of T4 Glove & Mitt

A perfect blend of warmth, durability and impact protection that makes it ideal for everyday alpine skiers and racers alike.

Adult \$140



JR Son of T4 Mitt

Full goatskin junior leather glove with padded leather protections and Thinsulate insulation for a perfect blend of warmth and durability.

Junior \$120



WC Warrior GS Glove & Mitt

Composite gate protection, goat leather, waterproof DryZone insert and safety innovations for world-class racing performance.

Adult \$350



World Champ Mitt

Hard composite knuckle and soft hand protection panels integrated into a super warm leather mitten with high quality insulation.

Adult \$200



WC Warrior Team Glove & Mitt

Outer seam construction, composite knuckle protection and soft finger padding with ceramic print offer comfort and security on the course.

Adult \$175



JR WC Warrior R-TEX Glove & Mitt

High-quality waterproof racing protection with composite knuckle protection, goatskin leather palm and softshell on the back of the hand.

Junior \$130

RACE GLOVES & MITTS

HESTRA



Gripen GS Glove & Mitt

D3O® shock absorbing knuckle protection, waterproof goat leather and ceramic reinforced fingers and thumb for abrasion resistance.

Adult \$280



GSL Race Glove & Mitt

Ultra-tough ski racing glove for giant slalom with shock absorbent padding and ceramic reinforced fingers for optimum protection.

Adult \$220



Impact Racing Glove

Close-fitting with rigid knuckle protection and shock absorbing finger padding for a warm and comfortable racing glove.

Adult \$170



Impact Racing Mitt

Outseam construction for better grip, shock absorbing knuckle and finger protection, light and breathable G-Loft insulation for comfort.

Adult \$170



JR Impact Racing Mitt

A junior mitt with all the adult version features for a close-fitting, durable ski racing mitt made of waterproof treated goat leather.

Junior \$150



Leather Balm

All-natural and formulated to prolong the life, suppleness and water repellent properties of leather gloves and mitts.

Balm \$15

GUARD REPAIR KITS



SHRED Shin Guard Repair Kit

Shin guards take some serious abuse. Grab this kit to keep your Shred guards in top shape and keep you shredding!

Shin Guard Kit \$25



SHRED Arm Guard Repair Kit

This kit is compatible with all Shred Arm Guards and comes with everything you need to get you back in the gates.

Arm Guard Kit \$20

BACK PROTECTORS



SHRED NOSHOCK Naked

Honeycomb-cone-structured Slytech™ Foam for the highest impact energy absorption with a 3-point belt that also supports the lower back.

Adult \$180



SHRED FLEXI Vest

Maximum comfort and safety in a zip off vest featuring Slytech™ Foam and Velcro side adjustment for a snug, secure fit.

Adult \$190



SHRED FLEXI Naked

Flexible back protector with Slytech™ Foam for safety without compromise. Adjustable Velcro belt for a comfortable fit.

Adult \$160



POC Spine VPD Air Vest

Lightweight and ventilated 3-layer back protector with VPD Air flexible and highly breathable impact protection. Adjustable Velcro belt.

Adult \$150 | Junior (Blue Only) \$120



POC VPD System Back Protector

Super lightweight VPD adapts to the shape of the wearer's body but stiffens when exposed to impact. 3-point harness for a secure fit.

Adult \$180



POC VPD Air Back Protector

Maximize comfort, security and enhanced protection with a fully adjustable fit system and shock absorbing VPD Air foam.

Adult \$120



Sweet Protection Vest

Viscoelastic soft foam for comfortable protection with impressive multi-impact shock-absorbing properties. Adjustable Velcro belt.

Adult \$180 | Junior \$150



Atomic AMID Live Shield Vest

AMID tubular foam system for super flexible, multi-impact shock-absorbing protection that adapts to your movements. Adjustable belt.

Adult (Black) \$200



Atomic JR AMID Live Shield Vest

Same amazing protection as the Adult version, but sized for younger racers. AMID tubular foam and adjustable belt.

Junior (Red) \$150

SHIN GUARDS



SHRED Carbon Shins

SLYTECH™ Shield Carbon provides exceptional protection and features Advanced Gate Glide technology to minimize friction.

Small - PRO \$200 - \$300



SHRED Shin Guards

SLYTECH™ Shield and Gate Glide friction-management technology provide unmatched shin protection and gate clearing speed.

Small - PRO \$130 - \$200



Keka Carbon Fiber Shins

Contoured carbon fiber provides a lightweight and highly durable shin guard. Available in multiple sizes to fit any racer.

Small - Large Long \$160 - \$220



POC Carbon COMP Shins

Carbon-fiber-reinforced TPE and containing 10% PTFE to minimize friction when hitting a gate, thereby enhancing speed.

Adult \$250 | Junior \$190



POC Classic Shins

Constructed entirely from polyethylene for strength and resilience without brittleness in even the coldest conditions..

Adult \$120 | Junior \$90



Rossignol Shin Guards

High-impact plastic shin guards offer race gate-bashing coverage so that you can focus on your line.

Adult \$130 | Junior \$120



Leki WC Carbon Shins

Carbon fiber helps reduce friction from gate hits, resulting in optimum shock absorption and deflection of gate impact while ski racing.

Adult Racer Price \$400



Leki World Cup Pro Shins

Wide, full coverage of the knee and lower leg with a smooth surface shell with ridges for quicker deflection of gates.

Adult Racer Price \$145 | JR Racer Price \$110



Leki JR WC 4Race Shins

A junior shin guard just like the pro racers. High-impact plastic deflects gates and reduces friction from gate hits.

Junior Racer Price \$115

ARM GUARDS



SHRED Carbon Arm Guards

SLYTECH™ Shield Carbon provides exceptional protection and features Advanced Gate Glide technology to minimize friction.

Small - Large \$120 - \$160



SHRED Arm Guards

SLYTECH™ Shield and Gate Glide friction-management technology provide unmatched shin protection and gate clearing speed.

Small - Large \$90 - \$100



Keka Carbon Fiber Arm Guards

Contoured carbon fiber provides a lightweight and highly durable arm guard. Available in multiple sizes to fit any racer.

X-Small - X-Large \$140



POC Carbon COMP Arm Guards

Carbon-fiber-reinforced TPE and containing 10% PTFE to minimize friction when hitting a gate, thereby enhancing speed.

Adult \$160 | Junior \$130



POC Classic Forearm Guards

Constructed entirely from polyethylene for strength and resilience without brittleness in even the coldest conditions..

Adult \$100 | Junior \$70



Rossignol Arm Guards

High-impact plastic arm guards offer race gate-bashing coverage so that you can focus on your line.

Adult \$90 | Junior \$70



Leki WC Carbon Flex 3.0 Guards

Arm guard of the pros with carbon fiber and a contoured shape for comfort and quick gate deflection.

Racer Price - Adult or Junior \$300



Leki Carbon 2.0 Arm Guards

Carbon fiber helps reduce friction from gate hits, resulting in optimum shock absorption and deflection of gate impact while ski racing.

Racer Price - Adult or Junior \$275



Leki Forearm Guards

Made of high-impact plastic for forearm protection from gate hits with a contoured shape for comfort and easy gate deflection.

Racer Price \$115

RACE SKIS, BOOTS & BINDINGS



Atomic

Dynastar

Fischer

Head

Nordica

Rossignol

Volkl



Atomic

Dalbello

Fischer

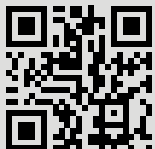
Head

Lange

Nordica

Rossignol

Detailed Fit Guides
and Regulations



Check our website www.the-raceplace.com or email info@the-raceplace.com for availability and pricing.

For Hot Box Waxing and other Race Ski Tuning Services check out <https://the-raceplace.com/ski-tuning-service>.

Race Ski Sizing Guide

NON-FIS Race Ski Sizing Guidelines

There are varying opinions on how to best size skis, but the most accurate method to size race skis is based on the athlete's weight. The chart below recommends what size should work best for young athletes using one pair of skis for both events and athletes using Slalom (SL) and Giant Slalom (GS) specific skis. If an older athlete is using one pair for both events, it is best to choose an SL ski that is one size longer than the ideal SL length. A long SL ski will still work for SL and be very serviceable for GS. These are loose guidelines, and you should consult your local coach or ski expert for more specific recommendations.

RACER WEIGHT POUNDS	RACER WEIGHT KILOGRAMS	MULTI-EVENT (MTE) SKI LENGTH (CM)	SLALOM (SL) SKI LENGTH (CM)	GIANT SLALOM (GS) SKI LENGTH (CM)
40-50	18-23	100-110		
50-60	23-27	110-120		
60-70	27-32	120-130	120-130	130-140
70-80	32-36	130-140	125-130	135-145
80-90	36-41		130-140	140-150
90-100	41-45		135-145	145-155
100-110	45-50		140-150	150-165
110-120	50-54		145-155	160-175
120-130	54-59		150-160	170-180
130-140	59-63		150-160	175-185
140-150	63-68		165	180+
150+	68+		155-165	180+

Sizing Considerations:

1. Consult FIS, USSA, and other level appropriate regulations.
2. Racer's ability level and preference - more advanced skiers can generally handle longer length skis which can be more stable at higher speeds.
3. Growth of the athlete - you may want to consider sizing up a little if you want to get multiple years out of a younger racer's skis, although most coaches agree that skiing on a slightly shorter ski the second year is preferable to skiing on a ski that is too long.
4. Coach's recommendations.

USSA/FIS Equipment Rules

FIS Race Ski Sizing Guidelines

FIS regulations change frequently, so it is best to consult with your coach or local ski expert before making a final purchase. For the most current USSA Rules & FIS Specifications for Alpine Competition Equipment see www.the-raceplace.com/pages/how-to-size-race-skis.



SKI BAGS & BASE PROTECTORS



Fischer Double Wheeled Ski Bag

Wheeled with reinforced bottom keeps things moving over any surface. Compression straps keep gear secure, with durable handle straps for easy lifting. Fits skis up to 195cm.

Black \$160



Swix SW Double Wheeled Ski Bag

In-line skate-style wheels, long webbing handles, and shoulder straps for easy transport. Fully padded to protect skis and poles. Adjusts to fit skis up to 215cm.

SW27 - Black/Red \$150



Atomic RS Wheeled Double Ski Bag

Plenty of pockets and straps to keep your skis secure, and its unique roll-top length adjustment means you can pack your skis tight and safe. Wheeled for easy transport. Fits 2 pair skis up to 210cm.

Red (217 x 25 x 17cm) \$220



HEAD Rebels Double Wheeled Ski Bag

Wheeled bag holds 2 pair of skis up to 203cm with an extra compartment for your poles. With easily adjustable compression straps, your gear does not shift and stays compact.

Black/White (203 x 18 x 28cm) \$180



Rossignol Hero Double Wheeled Ski Bag

Heavy-duty, wheeled ski travel bag for 2-3 pairs of alpine skis with a large main compartment featuring ski straps and room for boots, outerwear and additional gear. Fits skis up to 210cm.

Red (210 x 35 x 22cm) \$280



Rossignol Hero 2/3 Pair Adjustable Ski Bag

Adjustable length fits 2 to 3 pairs of skis from 190cm up to 210cm. Rip-proof lining, full zipper and adjustable shoulder strap.

Red (210 x 31.5 x 31.5cm) \$130

SKI POLES

Leki Ski Poles

The Leki Trigger 3D Grip System offers more safety and better control with a three-dimensional release spring. Airfoil-shaped shaft reduces air resistance & swing weight plus increases balance and stability at high speeds. The Leki strap has a click-and-go function and works with any glove or mitt.



WCR GS Carbon 3D & Venom SL 3D

Carbon & aluminum shaft for superior strength and swing weight. GS has a speed bend. SL has an aluminum reinforced upper for gate hit protection.

GS	\$220
SL	\$205

WCR 3D

Professional ski racing pole with an aluminum shaft. SG/DH & GS have speed bends.

SG/DH & GS	\$160
SL	\$150

WCR LITE 3D

Aluminum racing pole with a lighter weight shaft for junior racers.

GS & SL	\$110
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Pink: Special Ed. color inspired by Mikaela Shiffrin.

Swix Ski Poles

Swix has a long history on the ski racing circuit providing professional-grade ski poles with innovations to keep you balanced and stable.



WC Pro Carbon

Carbon fiber shafts provide stiff, lightweight performance with just the right amount of fiberglass for impact strength and durability. Shafts have been shape-molded to exact specifications for less wind drag and explosive starts.

DH & SG/GS	\$170
SL	\$150

WC Pro Aluminum

A premium racing pole built with a special lightweight 7075 aircraft grade aluminum alloy 18mm race shaft.

DH, GS & SL	\$90
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WC JR Aluminum

A top-quality aluminum ski pole with a smaller 16mm diameter shaft for lighter swing weight and balance for little rippers.

GS & SL	\$55
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SKI POLES & POLE GUARDS



Komperdell Poles

The Komperdell National Team ski pole has been the choice of World Cup Champions for over 30 years. These racing poles are constructed of an 18mm (adult) and 16mm (junior) rigid high strength aluminum shaft. Features race baskets and Worldcup style grips.

Adult GS	\$160
Adult SL	\$120
Junior GS	\$110
Junior SL	\$90



One Way Ski Poles

Skiers who enjoy high-speed race runs need a lightweight, durable pole with a secure hold, like the One Way RD 16. The sophisticated construction makes it very stable at high speeds. Available in straight Slalom or slightly bent GS styles.

RD 13 Carbon SL

Adult SL	\$150
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RD Aluminum

Adult GS	\$110
Adult SL	\$100
Junior GS	\$90
Junior SL	\$80



Rossignol Poles

Rossignol's Hero ski pole series are elite-level World Cup race poles with a durable, lightweight triangular aluminum race shaft and ergonomic World Cup grip. GS Bend or Straight SL

Adult GS & SL	\$110
Junior GS & SL	\$55



Leki Pole Guards

Racer Price \$45 - \$70



POC SL Pole Guards

Orange \$60



Rossignol Pole Guards

Hot Red \$65



Komperdell Pole Guards

Wide \$80 | Profi \$50



HEAD WC Pole Guards

White \$75



Swix SL Pole Guards

Adult \$45 | Junior \$40



One Way Pole Guards

Wide \$85 | Standard \$60



POC Arctic SL 360 MIPS Helmet

High-tech Slalom-specific helmet with 360° fit system for a more secure fit and MIPS technology to reduce rotational impacts to head. Maxilla Breakaway SL bar is included.

White, Black or Orange \$270



POC Skull Dura X MIPS FIS Helmet

The most popular POC FIS helmet also features MIPS technology in an economical FIS helmet. Race Lock adjustable fit. Compatible with the POC Maxilla Breakaway chin guard.

White, Black, Orange, Lead Blue, Matte Red or Silver Matte \$280



POC Skull Dura Comp MIPS FIS Helmet

MIPS Integra & multi-impact protection technologies and meets FIS RH 2013 standards. Compatible with the POC Maxilla Breakaway chin guard.

White or Black \$480



POC Skull Dura JR FIS Helmet

Junior helmet with the protection and safety technologies designed to keep them safe as they strive to reach the pinnacle of the sport.

Pink, Yellow/Green or Ordermatt Silver \$200



POC Chin Guards

Maxilla Break Away SL Guard for POC helmets.

White or Black \$70



Zonula Race

Toric Clarity lens technology with exceptionally large field of view optimized for racing.

2 Lenses \$260



Fovea Race

Wide field of view with Toric Clarity Highly Intense lens technology optimized for better contrast.

2 Lenses \$240

SKI HELMETS & GOGGLES

POC



Retina Race

Extra-large frame size with Cylindrical Clarity lens technology. Formerly Retina Big goggles.

2 Lenses \$190



Retina Mid Race

Mid-sized frame with Cylindrical Clarity lens technology. Extra lens included. Formerly Retina goggles.

2 Lenses \$190



Opsin Goggles

Cylindrical double lens for most ski conditions in a medium to large frame.

1 Lens \$130

SKI HELMETS & GOGGLES

HEAD®



HEAD Downforce MIPS FIS Helmet

A strong, durable ABS shell in a streamlined, aerodynamic design that's exceptionally light with MIPS technology for reduced rotational motion during angled impacts.

Matte Black \$300



HEAD Team SL Helmet

This all-purpose TEAM SL helmet is the choice for real speed freaks, with a tool-free, removable Chinguard and 360° Fit system that evenly adjusts the helmet's fit to all head shapes.

White/Black \$200

FIS Helmet Rules

Helmet regulation (2014/15), that requires the "Conforms to FIS" label is applicable at all levels without exception for GS, SG and DH. All helmets that meet this regulation in our store are labeled "FIS" for your convenience.



Check out Goggle Spare Lenses on our website. Available in a variety of tints to fit all weather and lighting conditions.





Volata MIPS X FIS Helmet

Team edition graphics on an ABS Race Thermoplastic shell with Impact & Gate Shields and MIPS system designed to reduce rotational forces. Compatible with the Sweet Protection quick-fit chin guard system.

White/Gold or White/Blue \$300



Volata MIPS FIS Helmet

FIS helmet with MIPS, molded-in gate shields and removable ear pads in an ABS FIS race shell that is compatible with the Sweet Protection quick-fit chin guard system.

Black, White, Panther Purple or Misty Turquoise \$280



Trooper 2Vi SL Helmet

Slalom specific with a thermoplastic laminated Carbon shell with soft ears. Includes unique 2-layer MIPS technology to reduce rotational forces plus front and back impact shields. Lightweight SL bar included.

White, Black, Purple or Glacier Blue \$340



Trooper 2Vi TE SL Helmet

This special edition helmet features team graphics. Chin guard included.

Blue/Silver \$350



Chin Guards

Slalom chin guards to fit Sweet Protection FIS helmets.

Black \$50



Clockwork RIG

RIG™ contrast enhancing lens with a wide field of view.

1 Lens \$200

Clockwork RIG BLI

Wide field of view with a low volume fit. RIG™ contrast enhancing lens.

2 Lenses \$270



UVEX Invictus MIPS FIS Helmet

Sturdy and super-lightweight with innovative plus shock-absorbing & impact resistant technology. Quick Release Chin Guard compatible.

Black \$300 | Quick Release Chin Guard (find on-line) \$80

SKI HELMETS & GOGGLES



Medalist Pure MIPS FIS Helmet

ABS construction with an aerodynamic enhancing kamm tail shape and a click-to-fit system presents you with a real competitive advantage. FIS approved.

Alexis Blue \$240 | White or Black \$200



Mute MIPS SL Helmet

A full-fledged slalom helmet with a bold design, removable earpads, adjustable Click-to-Fit and MIPS brain protection systems. Chin guard included.

Alexis Blue or White \$200



Medalist Youth FIS Helmet

Bolle's top performance model for young racers with a compact aerodynamic shape. FIS-certified.

Alexis Blue \$200



Nevada Ski Goggles

Developed for racing with cylindrical frameless construction for a wide field of view. High contrast lens.

1 Lens \$120 - \$190



Medalist Chin Guard

Protective metal slalom guard for Bolle Medalist Race Helmets.

Toolless \$60

SKI HELMETS & GOGGLES



Atomic Redster FIS Helmet

Injection-molded ABS Race shell with AMID dual-density foam system delivers up to 30% higher impact resistance than FIS standards.

Black, Red or White \$350



Atomic Redster SL Helmet

AMID for angled impacts. Inverted Hybrid Construction adds structural stability around the front and sides of the helmet. Chin guard included.

Black or Red \$300



Atomic FIS Chin Guard

Metal slalom guard fits Atomic Redster FIS helmets. Installs easily without tools.

Toolless \$60



SKI HELMETS & GOGGLES



SHRED Basher Ultimate FIS Helmet

Lightweight with Rotational Energy System to allow impacts to shear off and Casidion impact liner tapered thickness hard outer shell. Chin guard compatible.

Black, Dusk Flash, Night Flash or Fog Flash \$280



SHRED Basher FIS Helmet

Confidently charge with Shred's Rotational Energy System and Impact Recovery Liner for combating linear and multi-directional forces. Compatible with the Full Ear chinguard.

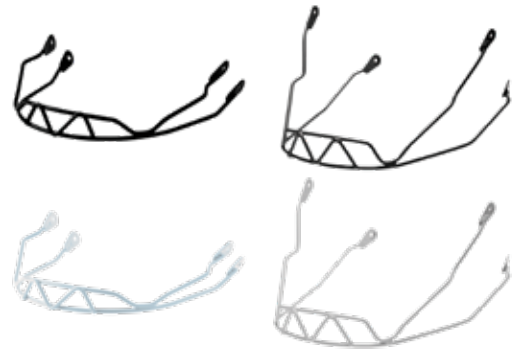
Black or Charcoal \$200



SHRED Totality NoShock SL Helmet

Rotational Energy System is paired with integrated honeycomb-constructed SLYTECH™ Foam for combating linear and multi-directional forces. Compatible with Shred Soft-Ear Chin Guards.

Black, Dusk Flash, Night Flash or Fog Flash \$180



SHRED Chin Guards

Strong, powder coated steel slalom chin guards in two styles to fit your SHRED Basher and SL helmets.

Full Ear (Basher) \$30 | Soft-Ear (SL) \$40



Simplify Goggle

Medium/large frame with an ultra-high-optical-precision molded, cylindrical double lens.

2 Lenses \$210 - \$250



Amazify Goggle

Ultra-high-optical-precision molded, cylindrical double lens. M/L frame.

1 Lens \$160 - \$200



Exemplify Goggle

A small, universal frame with an ultra-high-optical-precision molded, spherical double lens.

1 Lens \$160 - \$200

SKI HELMETS & GOGGLES



Oakley ARC5 MIPS FIS Helmet

Created to be the ultimate FIS-certified alpine ski helmet, it features a lightweight Dura-Matter shell with a tuck specific design. Toolless chin guard included.

Black or White \$290



Oakley MOD1 PRO SL Helmet

The MOD1 PRO is a classic slalom-specific ski helmet enhanced with Dura-Matter construction for lightweight durability. It comes with a removable chin guard.

Black or White \$185



Oakley ARC5 FIS Chin Guard

A durable, protective racing chin guard designed to work with Oakley Race helmets.

Black Toolless \$80



Flight Deck M Goggle

Medium modern frame size with Prizm Lens Technology, enhancing color and contrast.

1 Lens \$216



Flight Deck L Goggle

Large modern frame with Prizm Lens Technology, enhancing color and contrast.

1 Lens \$216



SHRED Goggle Case

Fleece-lined case for goggle protection.

Hard Case \$15

Check out Goggle Spare Lenses on our website. Available in a variety of tints to fit all weather and lighting conditions.



Flight Path L Goggle

Large classic frame with Prizm Lens Technology, enhancing color and contrast.

1 Lens \$227

SKI BOOT & GEAR BAGS



Fischer Race Backpack

Features a front zippered pocket with an additional helmet net, a removable accessories compartment, and a side bottle sleeve.

55 Liter \$160 | 70 Liter \$180



Volkl 3 Brands Race Backpack

Water-repellent side boot compartments, and a large main compartment for everything you need on the mountain.

Grey (85L) \$135



Volkl Race Backpack

A generous 85L capacity with all-around zipper main compartment for easy access, plus separate side boot pockets keep gear dry.

Red (85L) \$135



Rossignol Hero Heated Boot Bag

Dual voltage for home or car keeps boots warm and dry on the way to the mountain. Internal compartments for all your ski gear essentials.

Red (18" x 16" x 14") \$280



Rossignol Hero Boot Pro Backpack

Protective internal helmet and goggle storage, two external storage pockets, external stowaway boot holsters, and a large main compartment.

75L (23" x 17" x 12") \$160



Rossignol Hero Athletes Backpack

Features internal side compartments for boot storage, protective helmet and goggle storage, and a small pocket for additional storage.

Large (95L) \$170 | Small (75L) \$135



Atomic RS Backpack

Boot backpack with a main compartment and two zippered side pockets to hold boots, helmets, accessories, tools and water bottles.

Large (90L) \$175 | Small (50L) \$150



POC Race Backpack

The go-to backpack for alpine ski racers with multiple compartments for gear and a zip-down changing mat to keep your feet dry

70L in Black or Orange \$180



Swix Coach's Radio Vest

Chest harness style vest with multiple pockets to hold gear, including an adjustable radio pocket, a large main pocket, and pencil holder.

RE012 - Red \$40

SKI BOOT & GEAR BAGS



HEAD Rebels Racing Backpack

Two main compartments provide plenty of room for boots, gear and a helmet. Includes a fleece-lined goggle pocket and two big side pockets.

Large (95L) \$180 | Small (60L) \$150



Lange Racer Backpack

Zippered internal side boot compartments, helmet pouch, fleece-lined goggle pocket and massive internal storage for the rest of your gear.

Large (95L) \$170 | Small (75L) \$135



Lange Heated Boot Bag

Dual voltage for home or car keeps boots warm and dry on the way to the mountain. Internal compartments for all your ski gear essentials.

Blue (18" x 16" x 14") \$280



Nordica Gear Jockey Backpack

Multiple pockets to hold all your essentials with a removable Stay Dry Foot Pad to stand on while changing.

Large \$140 | Small \$120



Leki 85L WCR Ski Boot Backpack

Multiple zippered compartments can hold everything you might need for a day on the mountain.

85L (24" x 16" x 14") in Red or Pink \$140



Leki 60L WCR Ski Boot Backpack

This smaller bag stores your boots and all your essentials for a day on the slopes. Top zippered main compartment for easy access.

60L (20" x 16" x 12") in Red or Pink \$110



ACCESSORIES



Race Place/BEAST Ski Ties

Handy ski ties feature Race Place logo on one side and BEAST logo on the other.

Red, Yellow or Black \$3



Swix Ski Ties

Swix branded ski ties with neoprene pads and Velcro strap to securely wrap skis together.

Regular or X-Long \$3.50



Toko & Holmenkol Ski Ties

Branded ski ties. Recommend using 3 straps per pair of skis.

Toko \$3 | Holmenkol \$3



Booster Straps

Dynamic elastic straps stretch, allowing you to cinch them super tight for increased skiing performance.

Junior - Worldcup \$38 - \$54



Cat Tracks

Prevent boot sole wear that adversely affects binding function and causes canting problems. They also add traction for slippery parking lots!

X-Small - Large \$25



DryGuy Boot Glove

Add up to 20° F to your boot's toe box by conserving heat loss with neoprene insulation!

Small - Large \$40



Slide On Boot Spray

Spray lubricant designed to ease entry into stiff ski boots. Will not damage your boot liner.

2oz Spray Bottle \$15



Race Mouthguard

Increase performance through proper jaw alignment, reduced impact & protect your teeth.

Adult or Junior \$10



Dermatone Lip Balm

Medicated lip balm supplies soothing relief and protection to chapped, dry lips.

0.15oz Tube \$3.50

BOOT & GLOVE DRYERS



DryGuy Travel Dry DX

Remove moisture and warm ski boots with a fan that gently vents air through your ski boots. Compact, portable and works with 110V or 12V.

Boot Dryer \$60



DryGuy Force Dry

Gently heated air safely eliminates unwanted wetness from your footwear in about an hour. Durable, compact design with a 3 hour timer.

Boot & Glove Dryer \$70

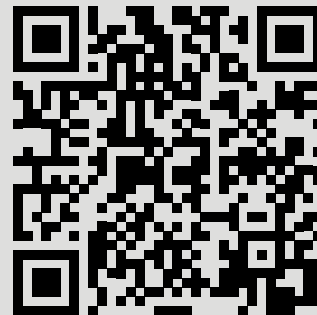


DryGuy Force Dry DX Dryer

Utilizing gentle forced air and heating to around 105°F this dryer will dry two pair of boots or gloves. 3 hour timer.

Boot & Glove Dryer \$115

See our website for more details and availability.
www.the-raceplace.com



Ski Edge Tuning

Base edge beveling is lifting the edges off the snow a slight amount (.5° to 1°) so they won't engage until the ski is tilted on edge. Too little base edge bevel causes a ski to hook up before the skier is ready and excessive base edge bevel creates instability as the edges are raised too far off the snow.

Side edge bevels are commonly 1° - 3° with the high number indicating a more acute angle to penetrate farther into hard snow. Too little side edge bevel can cause a ski to skid and too acute a bevel can cause the edge to knife into the snow and "rail".

RULE #1: If some is good, more is not always better!

Edges must be sharp from contact point to contact point for carving. Skis need to grip the snow to allow them to bend into a turning arc. If the ski edges are dull, this will not take place causing skidded turns. If your skis are hooky, increasing your base edge bevel in the tip may help or you might want to have your boot canting alignment checked.

RULE #2: DO NOT DULL or "DETUNE"!

Base Edge Tuning

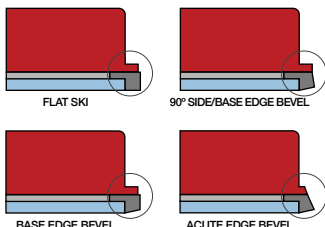


For best results, begin with a ski that is stone ground flat. Hold the ski in a vise with the base up and use a Base BEAST and an 8" mill file to establish your base edge bevel. Begin on the far edge with extended arms and pull file toward you with 8-12" strokes. Rotate the ski 180° in vise to work on the other edge. Tip: Beginning tuners should darken the edge with felt tip pen and file until the entire edge is shiny. This technique gives you a visual on how much edge material you are removing.

Do NOT file into the base material as this will create a base high (convex) shape causing instability. Finish by polishing with a medium diamond stone in a Base BEAST. Polishing with a progression of finer stones will enhance the performance.

Maintain your base edge with very light polishing with a Base BEAST and a diamond stone after any side edge sharpening. Abrasive hard-snow conditions wear on the outer edges of the base and cause convexity. Have your skis stone ground to re-establish a flat base if your ski becomes unstable because of excessive wear. Note: Base edge bevels need to be re-established after any base grinding.

Edge Profiles



Sidewall Planing



Most skis are designed with plastic or aluminum sidewall reinforcement just above the edge. This sidewall causes difficulty when working on the side edge, as it tends to hold the file away from the metal you are filing. The solution is to remove some of the sidewall material with a Plane BEAST before tuning, so it doesn't interfere with your work.

Side Edge Tuning/Sharpening



Side edges need daily maintenance for maximum ski performance. Hold your ski in a vise with the side edge up and base away from you, so you can easily work on side edge. This position allows you to pull the Side of BEAST (or Pocket BEAST) toward you giving better control than if you were pushing the tool.

Sharpen with an 8" mill file in a Side of BEAST (or Pocket BEAST) until your edge is very sharp. Follow with a medium diamond stone to polish the edge. Use a progression of finer stones for "speed" events.

Remove Burrs

Lightly run a gummi stone along the edge at a 45° angle to remove fine burrs after polishing. DO NOT DULL or "DETUNE"!

Machine Tuning

Visit a good service shop if your bases are not flat or have sustained large gouges. Machine tuning or stone grinding will renew skis to a "block" shape, but generally do not set precise edge angles. Establish and maintain proper edge angles after any machine tuning/stone grinding with quality BEAST edge tuning tools.



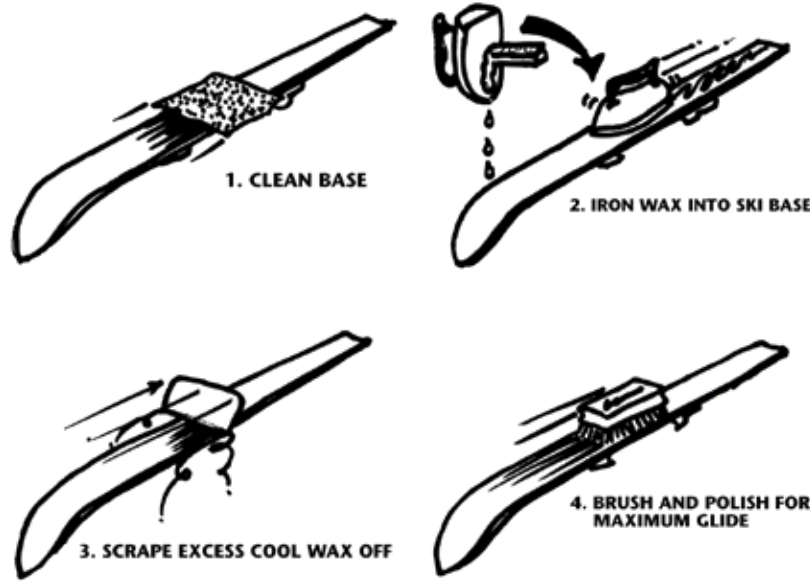
Your 1-2-3 Daily Tune

1. Check for burrs on your edges by running a finger along the full length of edges. Remove any burrs with a medium diamond stone in a Base BEAST and Side of BEAST (or Pocket BEAST) with the proper bevels for your edges.
2. Check for ski sharpness by dragging a fingernail across your edges. If the ski edge scrapes away some fingernail it's probably sharp enough. If your edge is dull, sharpen following the side edge tuning procedure.
3. Finish your daily tune with hot waxing and head for the slopes. Simple!

Ski Waxing 101

Regular application of ski wax allows you to glide and turn easily as well as protects your base. Having a well waxed ski base is as important as oil in your car's engine. Bases soak up wax like a sponge. The action of gliding over snow slowly releases wax to give a lubricating layer between your base and the snow. Lubricant is needed for performance as well as protection from "base burn," which is a fuzzy base texture caused by abrasive snow.

Wax also protects from oxidation. Bases exposed to oxygen, oxidize and become rough similar to roughness created when steel oxidizes in the form of rust. Wax seals your base to prevent harmful oxidation that slows glide.



How To Wax

Waxing is easy and you need only a few basic supplies.

- 1. CLEAN SKI BASE**
Clean your ski base by scraping with a acrylic wax scraper to remove old wax and dirt from the surface. (Use base cleaners sparingly as they tend to dry out and deteriorate the base material.) Use a brass or bronze base brush aggressively from tip to tail to further clean the base and remove oxidized base material. Follow with a fiber pad to remove any base burn "fuzz" caused by abrasive snow.
- 2. APPLY WAX**
Liquid or paste waxes may increase glide for a short time, however they quickly wear off and don't protect your base. Hot waxing is best. Simply hold the bar of wax on the base of the iron allowing melted wax to drip onto your ski base. Set the iron temperature so wax flows easily, but doesn't "smoke" the wax. Iron the wax into the base for 30 - 45 seconds to spread the wax and allow it to penetrate into the base. NOTE: Keep the iron moving to prevent damage to the ski.
- 3. COOL AND SCRAPE**
Let wax cool to room temperature. Scrape off excess wax with an acrylic scraper leaving a very thin layer on the base. You want the wax IN the base and not ON the base.
- 4. BRUSH AND POLISH FOR MAXIMUM GLIDE**
The final step is to brush surface wax out of base structure/texture with a nylon, bronze or horsehair brush. This clears channels for moisture which help break snow surface suction and enhances glide. A final wipe down with fine fiber pad cleans the wax particles caused by brushing and polishes your base further enhancing glide.

Base Structure

This is a texture in the base with a pattern of channels to dissipate moisture between the base and snow to prevent "suction". A structure is best done in a competent ski shop with stone grinding.

Wax Types

Hydrocarbon

Hydrocarbon is the basic bar wax for skis and boards. It's an excellent lubricant, inexpensive and used at all levels of skiing from beginner to top levels of racing. BEAST 1 is an everyday hydrocarbon glide wax covering a broad range of snow temperatures.

Base Prep

Ski bases need lubrication for protection against the abrasive qualities of snow and oxidizing properties of air. Base prep waxes deeply penetrate the ski base and are the starting point in lubricating your skis, especially if they are new. BEAST Zero and BEAST ZERO-G are base prep waxes that have a combination of ultra-soft wax to deeply penetrate the ski base and ultra-hard wax that stays close to the surface to protect against abrasion.

Graphite

Graphite is added to hydrocarbon wax as an anti-static agent to improve glide in either dirty or dry snow. BEAST Zero-G and BEAST 1-G both contain graphite as a performance enhancing additive.

Hydrophobic Additives

When humidity is above 50%, there is excess moisture in the snow, and hydrophobic additives can increase glide. These additives are blended into hydrocarbon wax to help repel water. BEAST 2FF is a Fluoro-Free high-performance wax for lower snow moisture conditions. Use BEAST 2FF+, which has a higher hydrophobic content, in warmer and higher moisture conditions.

Race Overlay

A wax overlay is the finishing touch on race skis that can be applied on the hill before a race start providing instant acceleration to reach top speed faster.

A New Breed of Wax!

Traditional waxes are made to perform at relatively narrow temperature ranges, which works great if you hit the wax right. In reality, most of us don't have the resources and experience to make the correct wax call.

BEAST Waxes are formulated to perform in a broad temperature range to eliminate the guesswork of waxing. Thermoactive ingredients adjust the wax hardness to match the temperature automatically, yielding top performance over a broad spectrum of snow conditions and allowing you to always make the right call!

Ski Wax FAQ's

Wax Principles

Waxes are lubricants applied into a ski base to reduce friction between the base and snow. There are three types of friction that require specific lubrication.

Dry Friction

Occurs when dry snow granules come in contact with the ski base. The solution to enhance glide is to use a hydrocarbon wax that is slightly harder than the snow particles. If a wax is too soft the snow crystal will penetrate into the wax causing a grippy base. However, if the wax is too hard the coefficient of friction will be higher and the base will be less slippery.

Wet Friction

Wet friction occurs when a high moisture content snow creates suction between the ski base and snow. A fluorocarbon additive is necessary to reduce the wet friction. However, it's important to not use too much fluorocarbon as it will increase the dry friction and reduce glide.

Electrostatic Friction

Static electricity is generated when a ski base runs on snow creating an electrostatic attraction between the ski and snow. Visualize the attraction of socks that have been in a clothes dryer. Graphite is commonly introduced into the ski wax to reduce static electricity.

What Wax Brand is Fastest?

Each major brand proclaims victories, but they are really quite similar in their basic formulation. It's usually best to select one top brand and learn the characteristics of each of their products so you will make the correct choice for the particular conditions of the day.

Bouncing around to find a "miracle" wax is usually self defeating. We often hear of a chemist who has developed a "secret formula". Don't you believe the entire race world be using it if there were such a wax?

Most waxes used in international racing are temperature specific (i.e. each wax has a narrow temperature range for optimum performance). Ski technicians must look at snow temperature, the shape of the snow crystals and humidity to be able to choose the best specific wax for these very specific race conditions. Major problems arise when the weather conditions change rapidly, as they tend to do in the mountains. Thus resulting in this very carefully chosen wax not performing as expected.

Many racers are moving to a newer breed of waxes that feature performance over a broad temperature range. Thermo-reactive ingredients are added to the wax to automatically adjust the hardness to match the snow temperature. BEAST Waxes have been developed with this technology to offer top performance over a broad spectrum of snow conditions and virtually eliminate the guesswork of choosing the right wax.

What Iron Temperature?

Set your waxing iron temperature as cool as possible, but warm enough so wax melts easily. The iron will initially cool down when coming into contact with the base as the cooler base material draws the heat from the iron. A high quality ski wax iron will hold a specific temperature much better than a household iron and make for more efficient waxing.

What is Base Prep Wax?

Base prep waxes were developed to quickly penetrate the ski base during initial preparation. They are a hydrocarbon based waxes designed to condition and lubricate the base to prevent it from drying out. New skis normally come from the factory with insufficient lubrication and should definitely be prepped before use. BEAST Zero and BEAST Zero-G base prep waxes are a mixture of ultra-soft wax to deeply penetrate and lubricate the base and ultra-hard wax that stays close to surface of the base to provide abrasion protection.

Base prep wax is also used as travel wax. When ironed into your base it helps prevent exposure to air and other oxidizing forces. Leave travel wax unscraped when your skis will not be used for extended periods of time. Scrape and apply condition appropriate wax before use.

How do I Prevent Base Burn?

Base burn is caused when abrasive snow rubs on a base with insufficient lubrication. The base becomes fuzzy and will not glide well. Remove fuzzy material by ironing in a hard wax like BEAST 1-C and scraping with sharp scraper after the wax has cooled.

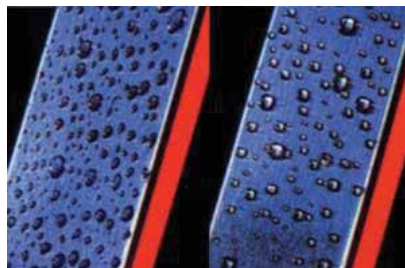
Prevent base burn in cold or abrasive conditions by fully saturating your ski base with multiple layers of wax designed for cold conditions. Applying an extra cold powder wax near the ski base edges can also help.

What is Hot Scraping?

Hot scraping is the preferred method to clean ski bases. Iron in a soft hydrocarbon like BEAST Zero or BEAST 1 and scrape while the wax is still liquid or soft. Impurities in the base will float to the surface while waxing and are removed by scraping. Repeat several times to purge all contamination and old wax.

Are Hydrophobic Additives Always Faster?

While certain hydrophobic additives are used in the most expensive waxes, do not fall into the trap of expecting more expense always to be faster. Hydrophobic additives help to repel moisture. In low humidity or low moisture, a highly hydrophobic wax may reduce speed as it essentially increases dry friction. Use a lower hydrophobic content wax, like BEAST 2FF, if in doubt.



Left: Ski is treated with basic hydrocarbon wax.

Right: Ski is treated with highly hydrophobic wax.
Notice how the water "beads" and is repelled.

Hydrophobic additives are mixed into hydrocarbon wax in varying proportions to suit the conditions.

Race Ski Prep

Ski Base Flatness

Flat bases are crucial for top ski performance. Concave bases (edges that are higher than the base) can be overly grippy and cause the ski to “rail out,” making it nearly impossible to complete your turn. A convex ski base (higher than the edges) will tend to wander and make it hard for you to start your turn and hold an edge. You can check base flatness with a true bar by sighting down along the ski base with background light and note irregularities. If you see they are not flat, stone grinding is the best way to establish flat bases. With some extremely concave skis, it may not be practical to grind them totally flat, but they should at least be flat on the outer 1/3 of the base.

Excessive base edge bevel is another element that can decrease ski performance. To check your base edge bevel, “paint” the base edge with a felt tip pen and run a diamond stone down the edge in the appropriate Base BEAST for your discipline and ability (see the Edge Bevel Chart for recommended base bevels). If the stone does not remove the ink, then your angle is too aggressive, and your skis should be flattened by stone grinding.

Ski Base Structure

Factory grinds are relatively universal and perform well in many conditions. However, specific conditions may warrant changing the grind pattern on new skis.

If your skis were ground flat, the chances are that most of the structure was removed. Stone grinding can reset an appropriate ski base structure. Factors to consider are the discipline and the most typical snow and weather conditions for your region. Check with your local ski shop for recommendations.

Ski Edge Bevels

It is important to set base and side edge bevels after a stone grinding. Follow the Ski Edge Tuning procedures emphasizing a progression of finer stones for the ultimate race polish.

Ski Base Prep

1. For the fastest race skis possible, follow this procedure to cleanse the base and break-in the structure. It's labor intensive but necessary for podium results.
2. Cleanse the ski by ironing in a soft Base Prep wax and scraping with an acrylic scraper while the wax is warm or liquid. Repeat several times to remove impurities such as grinding residue and fluid.
3. Iron in Base Prep wax, cool until the wax is hardened, lightly scrape and brush aggressively with BEAST Soft Stainless 3-4 times tip to tail. Follow with BEAST Stiff Bronze/HH several passes. Micro hairs can be removed with several passes of a coarse fiber pad backed with a file to create even pressure across the ski base.
4. Clean the ski base with Fiberlene and repeat Step 2 multiple times to mellow the grind, etch in micro-structure and saturate bases with wax. Use harder hydrocarbon waxes after several repetitions of Base Prep wax.
5. Graphite Base Prep wax may be used in Step 2 or as a separate ingredient in Step 3. Graphite is an anti-static and an excellent lubricant against abrasiveness.
6. Clean the base with Fiberlene, iron in hydrocarbon training wax, cool, scrape and brush with BEAST Soft Bronze/HH. Finish with BEAST Horsehair and polish with a non-abrasive fiber pad and fiberlene. Take multiple runs on the mountain to further the break-in of your skis until they reach top speed.

Care & Feeding

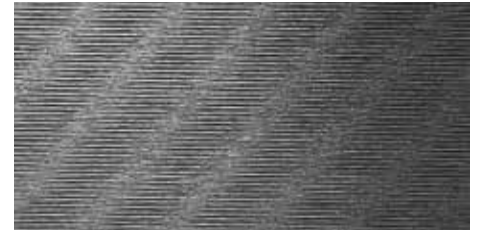
Fast skis require tender loving care on a year-round basis. We recommend you maintain them at least monthly to prevent oxidizing of the base after your initial preparation. - Scrape off “storage” wax, brush with BEAST Stiff Bronze/HH and Horsehair followed by fiberlene. Iron in another layer of Base Prep wax for storage.

After any race or training day, your skis should always be brushed out, cleaned by hot scraping and waxed with a fresh layer of storage wax.

Structure

What is Structure?

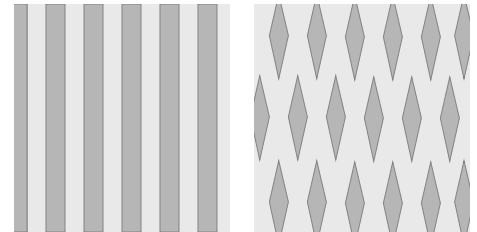
Structure is a pattern ground into the base primarily to repel water.



Stoneground base enlarged.

Types of Structure

There are a large variety of structure patterns available with the latest stone grinders. The two basic categories of grinds are Lineal and Cross Structure. While there are no absolutes, the lineal patterns are used only for high-speed DH and cross patterns are more common on most race skis.

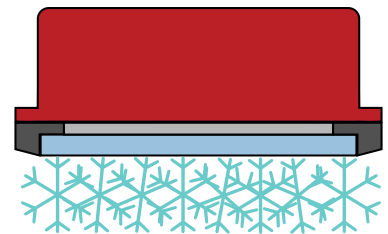


Lineal Pattern

Cross Pattern

Why is Structure Important?

The structure minimizes the friction between the base and snow and breaks suction in high moisture content snow.



Cold, crystalline snow calls for a smoother structure to minimize friction points.



Wet snow requires a coarser structure to create channels for water to be repelled from the base.

History of Race Place & BEAST Tuning



Prototype of the Base BEAST

Race Place and BEAST Tuning Tools began in 1994. Our founder, Scott Holmer, was in the ski industry as a Manufacturer's Rep, owner of The Lift Ski Shops and had three kids, Cami, Eric and Kelsey, who excelled at ski racing with honors at local and national levels.

Traveling to many race venues brought Scott into contact with parents, coaches and race techs who were using various ski tuning tools and techniques, which seemed quite primitive. Having an inventive mind, Scott began thinking about how to design more accurate tools while driving the long roads home from ski races.

In August 1994, Scott was at Mt. Hood observing US Ski Team Techs setting base edge bevels for one of their athletes. The techs wrapped tape around a file to elevate it at an angle to establish the base edge at a bevel. Being the curious type, Scott asked what degree bevel they were setting. The reply was 0.5° . He then asked how many wraps of tape produced this angle, and the response was one. The next logical question was how far from the ski edge they held the tape, and they declined to answer. Scott then questioned the accuracy unless the tape that created the angle was always the same distance from the ski edge. The tech replied that proper tuning was an acquired art. With that, Scott said, "even good artists have bad days," and he traveled back to his shop in Bend.

That evening he cut and glued small pieces of wood together and shaped a piece of metal that screwed onto the wood frame. The basic design held the metal elevation strip at a constant distance from the ski edge to solve the accuracy issue, and the original Base BEAST was born!!

The name BEAST is an acronym for Best Edge Accuracy Ski Tool, and the Base BEAST is the most sold base edge bevel guide in the World, with over 50,000 sold since 1994. Other BEAST products designed since that time are; Side of BEAST, Pocket BEAST, Plane BEAST, True BEAST, Jaws of the BEAST, Bench of the BEAST and too many others to name.

Race Place also began that fall as a mail-order catalog before also having an online presence in 1997. We create a new catalog each fall and mail it to over 35,000 ski racers. A relatively recent feature of the catalog is the Cover Athlete contest. The athlete winning the front cover spot is awarded \$3,000 of merchandise, and the back cover athlete is awarded \$1,500.

Race Place has grown to become the largest supplier of alpine race gear in North America with an extensive in-stock product line, very knowledgeable staff and a philosophy of shipping orders the day they come in!



BEAST

“Best Edge Accuracy Ski Tools”

BEAST Tuning was developed in 1995 to meet the need for quality, accurate and easy-to-use tools and has become a leader in supplying ski tuning professionals, World Cup athletes and DIY skiers.

Side of **BEAST**



PRECISION ANGLE PLATES

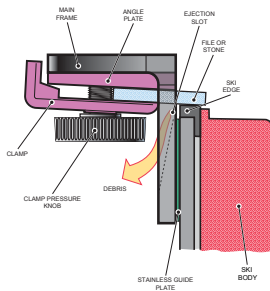
The angle plate is positioned above the file to provide even pressure on the file as you press down on the ski edge, increasing accuracy and less angle distortion over other designs.

“BEST CLAMP IN THE BUSINESS”

Files or stones are secured with a clamp actuated by a single large knob that provides a more reliable hold than spring clamps.

VERSATILE

Use virtually any size file or stone at your choice of angle from 1° - 7°.



EJECTION SLOT

The ejection slot clears filings away from the base, while the stainless steel glide plate protects the base structure from damage.

DURABLE

The anodized aluminum main frame and stainless steel glide plate ensure tool durability.

SAFETY

Ergonomic design positions your hand away from sharp ski edges, and the secure clamp prevents slippage of files or stones.



Side of **BEAST** Planer

Convert the iconic Side of BEAST into a professional quality sidewall planer with a 7° angle plate and a Pansar file, designed to quickly and smoothly remove just enough material to expose a clean edge ready for precise tuning.



Side of **BEAST** with Choice of Angle Plate:

1°, 2° or 3°	\$69
4° Metal or 7° Metal Planar Plate	\$82

Additional Angle Plates

1°, 2° or 3°	\$15
4° Metal or 7° Metal Planar Plate	\$28

*Files sold separately.



Pocket **BEAST**

The Pocket BEAST is designed as a compact 4" long tool to carry with you so you can put a quick "buzz" on your side edges between race runs, with superb accuracy and ease of use. Stainless steel glide plate for easy gliding over your base structure and a powerful clamp securely holds files or stones from 70mm up to 8 inches (files and stones not included).



Pocket **BEAST** with Choice of Angle:

1°, 2°, 3° or 4° \$49



1° (Black)



2° (Gold)



3° (Red)



4° (Blue)



Plane **BEAST**

The Plane BEAST was designed to easily and smoothly remove just enough of the sidewall using a "pansar" file section that trims material at a 7° angle just above edge material. This exposes the metal edge so you can make a clean, precise cut with a ski tuning file or stone.

Main Frame with Pansar File \$49
Spare 4" Pansar file \$19



GENERAL EDGE BEVEL RECOMMENDATIONS

Average Recreational Skier & U8 to U10		Hard Snow	Soft Snow	
Base Edge Bevel		1°	1°	
Side Edge Bevel		1° - 3°	1°	
Advanced Recreational Skier & U12 to U14		Hard Snow	Soft Snow	
Base Edge Bevel		0.5° - 1°	1°	
Side Edge Bevel		2° - 3°	1° - 2°	
Junior Racer U16 to U19		Slalom	GS	SG & DH
Base Edge Bevel	0.5° - 1°	1°	1°	1°
Side Edge Bevel	2° - 3°	2° - 3°	2° - 3°	2° - 3°
Top Level Elite Racer		Slalom	GS	SG & DH
Base Edge Bevel	0° - 0.5°	0° - 0.5°	0° - 0.5°	0.5° - 1°
Side Edge Bevel	3° - 4°	3° - 4°	3° - 4°	3°

The angle ranges listed are variable depending on snow hardness, speed and your strength and skill level. A high-level, technical skier tends to encounter hard and icy snow conditions. An increased bevel angle enables the base edge to immediately contact the snow surface and side edges to penetrate deeper for better grip. A less experienced athlete may find that these extreme bevels tend to cause the ski to hook too quickly and edges to bite into the snow too much. This can cause erratic ski performance and possible knee injury.

Base **BEAST**



PRECISION STAINLESS STEEL ELEVATION BAR

Designed with the precise accuracy and gliding properties of a stainless steel elevation bar.

SWIVEL ELEVATION BAR DESIGN

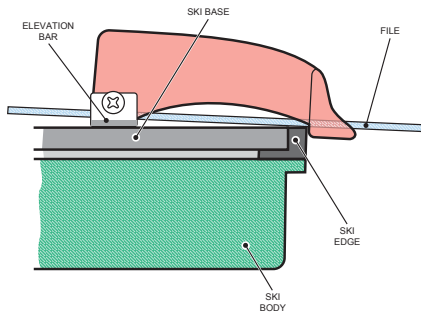
The elevation bar swivels to lie flat on the ski base for maximum accuracy and prevent possible base damage.

POLYCARBONATE FRAME

Constructed of durable, rigid polycarbonate for long life and is also soft enough to prevent edge damage, unlike metal frames that must rely on Delrin inserts that wear out quickly.

ERGONOMIC DESIGN

Angled side arms for an efficient cutting angle, finger rests on side and tongue for an easy, comfortable grip.



BEAST's proven stainless steel and polycarbonate design is tremendously successful with ski tuning techs around the world. This uniquely designed ski base edger features angled side arms, a "tongue" file grip, and ergonomic finger rests, allowing for efficient cutting and an easy, comfortable grip. The stainless steel floating elevation bar tilts the file or stone at a precise angle for easy set-up and base edge bevel maintenance.

Base **BEAST** with Choice of Angle:

0.5°, 0.75°, 1°, 1.5° or 2° \$20



0.5° (Orange)



0.75° (Green)



1° (Red)



1.5° (Blue)



2° (Black)

WHY BASE BEAST IS #1

The polycarbonate used in the Base BEAST frame is one of the toughest and most stable materials available. It is used in many high-tech applications, including eyeglass lenses, Blu-ray discs, and bulletproof shields.

The Base BEAST's accuracy is assured by a patented design, which maintains the base angle with a precise stainless steel elevation bar set at the optimum distance from the ski edge.

This durable material combined with an accurate, easy-to-use design makes Base BEAST the #1 selling base edge beveler in the world!

TRUE **BEAST**



The True BEAST is a precision "knife-edge" ski true bar for checking the flatness of your ski base. Wear and tear of skiing causes uneven wear on the base and edges, creating instability. A regular inspection of flatness ensures top performance for your prized skis. Hold your ski up to a light source with the True BEAST across the base and sight along the length of your ski to see if light shows through, indicating either a concave or convex base condition. Gently pull True BEAST along the entire ski length.

True **BEAST**:

Size: 6" (150mm) \$39



Jaws of the **BEAST**



The Jaws of the BEAST ski tuning vise has a 3-point design that holds any ski and binding system at the correct height and angle for tuning and waxing. The 95mm vise width accommodates gripping the sides of the binding plate or the AFD (anti-friction device) versus the ski sidewall, which can be too slim or tapered for a good grip. Adjustable end supports with deep slots further stabilize the ski for edge tuning. A durable and portable ski vise for ski tuning professionals and do-it-yourself skiers. Clamps included.

Jaws of the Beast \$149



Bench of the **BEAST**



The BEAST Bench is a high-quality ski tuning bench that holds up to the toughest usage. Eric Holmer's (Former Ski Tech to the US Ski Team) bench has survived travel to Chile, Europe, New Zealand, Japan and Canada multiple times. That's a record the others can't touch. This folding work table can be used as a travel tuning and waxing bench for the serious racer or the ski tuner who doesn't have a built-in bench at home. Constructed of heavy-gauge powder-coated steel with Formica covered 16" x 48" wood top insert. The Bench of the BEAST has plenty of space to clamp vises with extra room for tools and waxes. Extremely stable for serious ski tuning.

Dimensions: 16" x 48" \$399



Swix Alpine Bench Ski Rack

This handy rack attaches to your workbench for ski storage while working on multiple pairs of skis.

Holds 3 pair alpine skis \$170



BEAST Brake Bands

A great way to hold your ski brakes out of the way while you tune and wax! Can also be used to hold skis together during travel.

Package of 8 \$4

EDGE TOOLS



Swix Economy Sidewall Planar

A simple yet effective tool for removing excess sidewall material to expose more of the steel ski edge. The round cutting blade can be adjusted both horizontally and vertically for the precise removal of material.

Sidewall Planar	\$60
Spare Round Blade	\$28
Spare Square Blade	\$28



Swix Racer Sidewall Planar

Developed for more precise sidewall planing with adjustments for edge thickness and depth of cut. It comes with both round and square blades so you can plane to your desired shape.

Sidewall Planar	\$80
Spare Round Blade	\$28
Spare Square Blade	\$28



Swix World Cup Sidewall Planar

Constructed of machined aluminum for World Cup precision and durability and sealed roller bearing for smooth actions. It comes with a round carbide cutting blade and is adjustable for both height and depth.

Sidewall Planar	\$150
Spare Round Blade	\$28
Spare Square Blade	\$28



Swix Evo Pro Edge Tuner

A precision electrical side edge tuner was developed to restore and maintain ski edges at 0° to 5° angles. The diamond discs are available in Extra-Fine to Coarse grits for new angle setup or edge polishing. A fine disc is included.

Edge Tuner w/Fine Disc	\$500
Extra Fine, Fine, Medium, or Coarse Disc	\$90

EDGE BEVELING TIPS

1. Always sharpen edges from the side. Sharpening edges from the base causes too much base material to be removed, creating high bases and instability of the ski.
2. Use a felt tip pen to darken the edge before your initial edge beveling and remove only enough material until the edge is shiny.
3. Finish by polishing your edge with a diamond stone to remove fine file striations. A few minutes of polishing will make an incredible difference in performance!

SKI VISES & BENCHES



Swix Large Bench

Swix's large bench is great for personal ski tuning or as a travel bench for the team. Folding legs for storage and travel. Tabletop surface: 18"W x 38"L (45 cm x 96 cm). Weight: 25.3 lbs.

Bench - T0074 \$215
Carry Bag - T00754BN (sold separately) \$80



Swix Travel Bench

Compact, lightweight ski tuning bench ideally suited for bringing to the race start. Legs fold up for easy travel. Tabletop surface is 14"W x 47"L (35cm x 120cm). Weight: 24 lbs.

Bench - T0075W \$160
Carry Bag - T0075BN (sold separately) \$60



Swix World Cup Vise

Swix's three-piece vise with jaw opening from 40-85mm for better grip and stability. 60° and 90° angles for side edge tuning.

3 PC Vise \$200



Toko World Cup Vise

Toko's 3-part vise with height-adjustable end pieces can be angled to 60° and 90° for edge tuning. Clamp opening: 95 mm.

3 PC Vise \$190



Freestanding Ski Rack

Free-standing rack is a great addition to any tuning room set-up. No more major "avalanches" of falling skis. Easy to take apart for travel.

Holds 5 pair of skis up to 115 mm wide \$125



Swix Universal Adapter

This adapter clamps onto the end supports of your alpine ski vise to make it suitable for snowboards, super-wide skis or x-country skis.

Pair \$45



Swix Waste Bag Holder

Metal hoop attaches to your workbench to collect edge filings and wax scrapings. Compatible with BEAST and Swix benches.

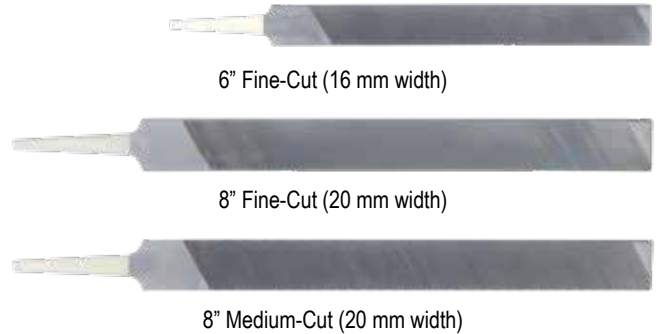
Holder \$50

BEAST FILES *Fast Cutting & Long Life*

Mill Cut Files

BEAST Mill Files are offered in several configurations to satisfy personal preferences. The 8" mill in a medium-cut is the most popular for initial set-up and everyday maintenance. The fine-cut mill files are offered in several sizes to satisfy the discriminating tech wishing for a slightly smoother edge.

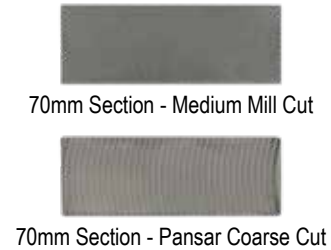
BEAST 6" Fine	\$11
BEAST 8" Fine	\$15
BEAST 8" Medium	\$15



Short File Sections

Short file sections are best for use with side edge tools like the Side of BEAST and the Pocket BEAST.

BEAST 70 mm Mill - Medium	\$17
BEAST 70 mm Pansar - Coarse	\$17
BEAST 4" Pansar - Coarse	\$19



SWIX FILES *Premium Cutting Action*

Swix Files are absolutely the finest available for ski tuning. The cost may seem high, but discriminating techs find the cutting action superior to any other file. Available in five tooth configurations for different tasks from initial set-up to fine finishing.



6" Finishing-Cut

Finest tooth pattern in the lineup used for final filing before edge polishing.

6" WC Pro Fine-Cut \$30



8" Medium-Cut

A premium all-around file used for everyday edge maintenance.

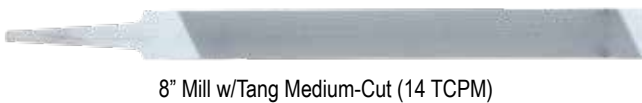
8" WC Pro Medium-Cut \$30



8" Coarse-Cut

This more aggressive cut is primarily used for initial edge set-up.

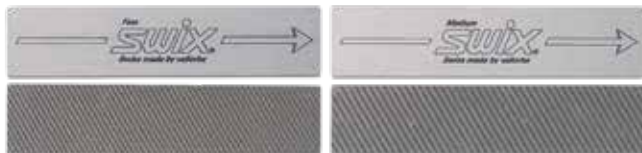
8" WC Pro Coarse-Cut \$30



8" Medium-Cut Mill w/Tang

A traditional mill file with a tang is mainly used for initial edge set-up.

8" Medium-Cut \$22



4" World Cup Stainless Steel

Extremely sharp, high quality files used in side edge tools that last 10 times longer than traditional files.

4" WC Stainless Steel - Fine \$100

4" WC Stainless Steel - Medium \$100

File Card & Brush

Handy tool for keeping your files clean. Features steel bristles on one side and a nylon brush on the other. Clean files help keep those nasty edge filings out of your base and allow for smoother cutting.

File Card \$14



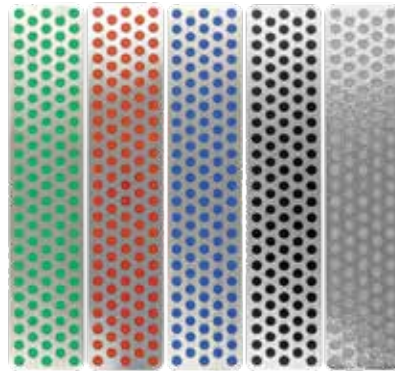
DIAMOND & POLISHING STONES



BEAST Premium Diamond Stones

BEAST Premium Diamond Stones have superb cutting and polishing action with excellent anti-clogging properties. Premium industrial-grade diamonds are anchored in electroplated nickel and adhered to a rigid color-coded anodized aluminum backing bar. Best durability of any diamond we have tested. Available in four grits to cover all of your polishing needs. 1" x 4"

X-Fine - Coarse Grit \$42
Save on a Set of all Four! **\$139**



BEAST DMT Diamond Stones

The BEAST DMT Stone is a popular ski tuning diamond usually found in every ski tech's tuning box for burr removal and polishing edges. 70mm or 4" sizes. Five color coded grits.

Green X-Fine 1200 grit, Red Fine 600 grit, Blue Medium 325 grit, Black Coarse 220 grit or Silver X-Coarse 120 grit

70 mm Length \$12
 4" Length \$24



Swix Pro Racing Diamond Stones

The unique Swix diamond pattern gives these ski tuning stones an excellent cutting and polishing ability and added longevity. Offered in a 4" length and five progressive grits.

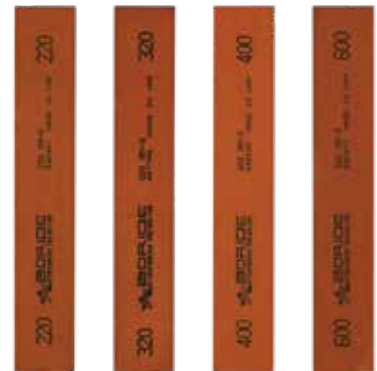
X-Fine - to X-Coarse Grit \$48



Moonflex Diamond Stones

A unique swirl pattern of diamonds allows these ski tuning stones to cut and polish in the same stroke. A favorite of World Cup ski techs. Offered in a 4" length and five color coded grits.

X-Fine - to X-Coarse Grit \$45



Boride Polishing Stones

Professional boride polishing stones for a smooth and fast finish on race ski edges. 1/8" x 1" x 6" size works well in side edge tools.

220, 320, 400 or 600 Grit \$10
Save on a Set of all Four! **\$35**

EDGE POLISHING TIPS

1. Diamond stones are the most important abrasive device in your toolbox. Use coarse grits to remove burrs and initial polishing and progress to finer stones for final edge polishing. Polishing procedures are best done using diamond stones in bevel and edging tools such as Base BEAST and Side of BEAST. Always polish both the base side and side of edges.
2. Initial polishing with a coarse stone is necessary to remove striations in the edge due to filing. Use a progression of finer grit stones in subsequent passes.
3. Keep stones clean. BEAST Juice sprayed on stones reduces clogging of the stone and increases the cutting and polishing performance of the stone.

POLISHING STONES



Ceramic Stones

Ceramic tuning stones can give one of the most polished final ski edge finishes for fast, smooth skis. We recommend you use these stones with edge beveling tools and a stone lubricant, such as BEAST Juice, for the most accuracy and finest polish. 1" x 5"

Fine-1200 or Medium-600 grit \$25



BEAST Gummi Stone

The BEAST Gummi Stone is constructed of abrasive silicon carbide particles embedded in hard rubber. An essential ski tuning tool for deburring ski and snowboard edges after filing or polishing. Lightly run down the edge at a 45° angle to remove minor burrs.

2" x 1" x 3/8" Stone \$14



BEAST Juice

BEAST Juice is a lubricant specifically developed for use with diamond and other polishing stones. It reduces the clogging of stones and increases cutting and polishing action. Compatible with all ski bases and waxes.

2oz Bottle \$10
8oz Bottle \$19



BASE REPAIR



P-Tex

Polyethylene (p-tex) repairs minor ski base damage. Candles can be melted with a match or used in a chisel tip soldering iron. The wire is best used in the soldering iron. Black or Clear

3/8" x 4' Wire \$4
5/16" x 7.5" Candles (3) \$4



Metal Grip Wire

A mixture of polyethylene and epoxy used to repair ski base damage next to the metal edge or a deep core shot (deep gouge). Melt with a chisel tip soldering iron. Black or Clear

1/4" x 4' Wire \$5



Wintersteiger Repair Pistol

High-temperature pistol application of hard P-Tex allows for longer-lasting, more abrasion-resistant repairs. Includes repair pistol, stand and 3 clear repair rods.

Repair Pistol \$125
Black or Clear Pistol Sticks (3) \$6



PoziDriv Screwdrivers

#3 PoziDriv screwdriver needed for ski binding screws. Squared-off tip and long shaft allow for better driving power.

Screwdriver \$35
Driving Bit \$17



Binding Drill Bits

Specialized drill bits required for mounting most ski bindings. 4.1 x 9mm bit works best on metal top plates, and the 3.6 x 9mm is for skis without.

Bit (each) \$18



Ski Repair Epoxy

Fast Set Epoxy is best for repairing binding screw pull-outs. Slow Set retains flexibility and is best for sidewalls or top skin damage. Easy use 3g packages

Fast or Slow Set \$3

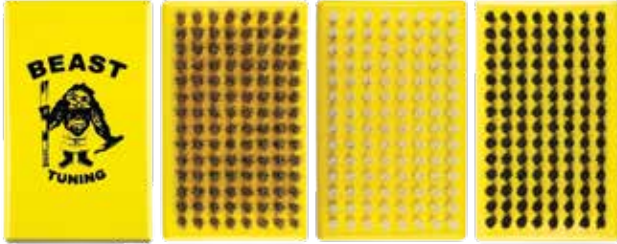


Wood Binding Hole Plugs

Wood plugs to repair ski binding pull-outs. 6 per package. Approximately 1" x 1/4"

6PC Package \$2

BEAST Brushes



BEAST Rectangular Brushes

BEAST offers three standard ski waxing brushes to satisfy the needs of most serious waxing technicians in a large 3"x5" size for a good grip.

Brass	\$32
Nylon	\$30
Horsehair	\$30
Save on a Set of all Three!	\$79



BEAST Race Brush System

Faster Skis with BEAST Race Brushes!

Fast skis don't just happen; they start with a good grind followed by extensive brushing. BEAST Race Brushes were designed in collaboration with the top speed skiers in the country. These top-quality brushes' critical elements are type, diameter, length and quantity of fiber in each tuft and spacing. The flexible strap is designed to lay flat on its back so the wax brush cannot accidentally roll over, becoming contaminated with bench top debris.



BEAST Nylon Oval

Nylon brushes are a standard for general post-waxing brushing. Especially suited for removal of softer waxes on coarse structured skis.

\$55



BEAST Horsehair Oval

Brushing with firm anti-static horsehair gets excess wax or overlays out of the structure. Using separate brushes for waxes and overlays is recommended for best results.

\$55



BEAST Polishing Brown Horsehair Oval

Polishing with a soft anti-static horsehair is the final brushing step in preparation of race skis. Horsehair fibers are longer and softer than standard horsehair brushes.

\$55



BEAST Soft Bronze/Horsehair Oval

Soft bronze fibers with an outer horsehair ring. Fine flexible bronze fibers get deep into the base structure for the removal of medium-hard waxes.

\$65



BEAST Stiff Bronze/Horsehair Oval

This one belongs in every tuning box. Stiff bronze fiber with a ring of horsehair. Use as a prep brush to condition bases before waxing or as a post-waxing brush for harder waxes.

\$65



BEAST Stainless Steel/Horsehair Oval

Fine steel fibers with a gentle cutting action surrounded by horsehair. A pre-waxing brush to remove oxidation and enhance the structure, or a post-waxing brush to remove extremely hard waxes.

\$75

SAVE ON BRUSH SETS!

Set of Two - Stiff Bronze/Horsehair & Horsehair	\$95
Set of Three - Stiff Bronze/Horsehair, Horsehair & Nylon	\$140
Set of all Six!	\$290



WAX Brushes

Swix Rectangular Brushes

Classic rectangular wax brushes in various brush styles and combinations for every purpose, from pre-wax base conditioning to post-wax polishing.



White Nylon

Removal of most waxes. \$25



Blue Nylon

General Polishing \$26



Horsehair

Final Polishing \$26



Coarse Bronze

Pre-wax cleaning. \$28



Medium Bronze

General wax removal. \$28



Steel

First brush after scraping. \$55

Swix Oval Brushes

Oval brushes allow for double handed, flat palm brush techniques that are more efficient saving you time and energy. 3.5" x 8"



Steel - #T0179O

Base conditioning brush or hard wax removal.

\$75



Coarse Bronze - #T0158O

Pre-wax base cleaning or hard wax removal.

\$65



Medium Bronze - #T0162O

Standard brush for medium to hard wax removal.

\$65



Horsehair - #T0157O

Anti-static brush for final brushing of race waxes.

\$58



White Nylon - #T0161O

Firm nylon bristles for structuring soft to medium waxes.

\$50



Fine Blue Nylon - #T0160O

Shorter fine nylon bristles for general polishing of waxes.

\$58

TOKO/Red Creek Roto Brushes

Roto brushes can be used with a power drill for super fast and easy base prep. Great tool for ski techs who do multiple skis at a time.



Control Handle

Handle with a protective shield and shaft.

\$85



Steel

Cleaning out structure.

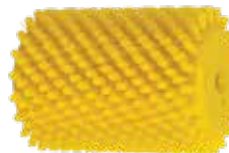
\$110



Horsehair

Brushing out harder waxes.

\$65



Yellow Nylon

Brushing out softer waxes.

\$65



Merino Wool

Final polishing of wax and speed overlays.

\$85

WAX IRONS



Swix North Wax Iron

Compact design for ease of travel with a temperature range of 100°C to 150 °C.

North \$50



Swix T-77 Wax Iron

Economy iron with an ergonomic design and thick heating plate for even heating with a temperature range of 80°C to 180 °C.

T-77 \$65



Swix T-73 Digital Wax Iron

Precise digital temperature control with an 18mm thick heating plate for great heat distribution with a temp range of 80°C to 180 °C.

T-73 \$150



Swix T-72 Racing Digital Wax Iron

Precision temperature microprocessor with a 12mm plate for optimal heat stability. As good as it gets! Temp range of 110°C to 170 °C.

T-72 \$380



Toko T-8 Wax Iron

Features a thick heat plate with structure grooves for improved wax distribution. Thermostat controlled temp range of 100°C to 160 °C.

T-8 \$75



Toko T-14 Digital Wax Iron

1200W power & thick grooved plate that spreads wax evenly. Precise digital microprocessor controls temp range of 100°C to 160 °C.

T-14 \$148



Swix Wax Iron Bag

Protects the entire iron when not in use. Heat resistant canvas lining.. Fits all Swix irons.

Bag \$35



Swix Wax Iron Bag

Protects the entire iron when not in use. Heat resistant canvas lining. Fits all Toko irons.

Bag \$35



Swix Iron Holder

Mounts on your workbench reducing the risk of dropping a valuable wax iron on the floor.

Holder \$50

Wax Iron Features

(1) A thicker heat plate for heat retention (2) More heating elements for consistent temperature (3) Precision thermostats

Household irons don't retain heat well and quickly cool when in contact with a ski base. They eventually heat up again, but will continue to fluctuate radically. People tend to turn up the heat in response to this fluctuation and run the danger of burning or otherwise damaging ski bases.

WAX ACCESSORIES



BEAST Acrylic Scraper

Laser-cut and hand-polished working edges that easily remove wax without damaging ski bases.

Acrylic \$7



Steel Scraper

Stainless steel scraper for base repair, ideally suited for planing P-Tex. Use with caution.

Steel \$10



Toko Scraper Sharpener

Quickly plane your scraper to original sharpness with durable ceramic blade slots.

Yellow \$40



Swix Scraper Sharpener

Plastic frame mounts on your workbench and holds a 40 mm pansar file to sharpen your scraper quickly.

T0408 \$30



Swix World Cup Scraper Sharpener

Workbench mountable with a longer body and stability groove that holds a 100 mm pansar file for easier and quicker sharpening.

T410 \$60



Swix Electric Scraper Sharpener

Only a couple of passes over the rotating planer is enough, and you will have a scraper restored to as it was new.

T412-110 \$200



Toko Thermometer

Convenient pen style snow thermometer that fits in your coat pocket that reads in °C and °F with protective housing.

Pen \$20



Toko Logo Tape

Protect your ski base while side edge tuning or secure skis together for travel with Toko Logo tape. 3cm W x 65m roll

Yellow \$12



Mantac Electric Scraper Sharpener

The ultimate acrylic scraper sharpener! Extremely fast and precise. Restores your scraper's edge to its original sharpness.

Electric Sharpener \$200



Digital Thermometer

Pocket sized snow thermometer with digital display in both °F and °C. Protective case covers the stainless steel probe. High & low memory.

Digital \$30



Toko Masking Tape

Masking tape for keeping your sidewalls clean while waxing. Use it to protect your ski base while tuning your edges. 5cm W X 50m roll

White \$12

Find more tools and tips at our website www.the-raceplace.com.

CORKS, BUFFERS & FIBER



Toko Natural Cork

Natural Cork is excellent for applying race wax overlays with pressure to generate heat and lock in your overlays to the base.

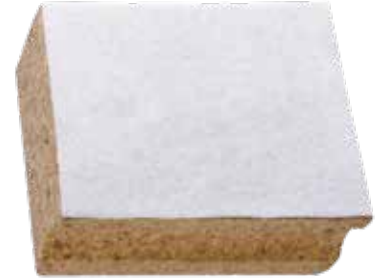
3" x 2.25" \$7



Toko Plasto Cork

Synthetic cork that generates more heat than natural cork for better race overlay adhesion and increases the durability of your race wax.

4.5" x 2" x 1" \$9



Toko Thermo Cork

A dual-purpose race wax overlay applicator featuring natural cork for applying rub-on, paste, or liquid wax. Soft felt side is for final polishing.

3" x 2.25" x 1.5" \$8



Swix Combi Felt & Cork

A Cera F polisher with a combination of felt and natural cork. Great for applying and polishing fluoro powder ski waxes.

T0023 \$12



Swix Fiberlene

Fine fibrous cloth ideal for cleaning ski bases and applying race wax overlays.

20m roll (5.5"W x 65'L) \$9



BEAST Fiber Pads

Industrial quality with an abrasive resin coating specifically for ski tuning and base prep.

Coarse (Maroon): Removes the "fuzz" after base structuring or brushing. Handy in cleaning diamond stones and glide plates of side edge tools.

Medium (Grey): Used to polish bases before applying wax.

Fine (White): Used to polish bases before applying wax.

Two - 4.5" x 6" pads per pack \$5



BEAST Paper

Specially formulated for ski tuning and base preparation. It is multi-use, silicon carbide stearate, and non-clogging. Flatten high bases with coarse grit and fine-tune base structure or polish your edges with a finer grit. It also works great for putting a polished edge on your wax scrapper when used in conjunction with the frame of the Side of BEAST.

Choose grit: 80, 100, 120, 150, 180, 240, 320 or 400

Four - 5.5" x 9" sheets per pack \$4

BEAST Ski Wax

These thermoactive waxes take the guesswork out of waxing as they harden as the temperature drops, so they are effective through a wide range of conditions.



BEAST Zero Base Prep

The best way to condition your skis with a unique blend of soft and hard waxes that work together to deeply penetrate your base and protect against abrasion. With or without anti-static graphite additive for abrasive snow.

400g \$70



BEAST 1 Everyday Glide Wax

BEAST 1

Training or recreational wax. Temp 12-32 °F

400g \$70

BEAST 1G

Graphite increases lubrication in abrasive and new snow. Temp 8-32 °F

400g \$70



BEAST 1C Super Cold Glide Wax

When the temperature drops below 10°F reach for BEAST 1C Super Cold Glide Wax to keep your skis moving fast. Formulated with special hydrocarbons and anti-static additives for cold, aggressive snow.

100g \$44



BEAST 2 High Performance Wax

This thermoactive wax is blended with a bit of fluorocarbon and anti-static ingredients to make a race wax effective in a broad range of snow temperatures. (10-32°F)

100g \$65

BEAST 2+ High Performance Wax

More fluorocarbon is blended in for a great race wax when the conditions get warmer and wetter. (14°F to 32°F)

40g \$65 | 100g \$120



BEAST 2FF Fluoro-Free Race Wax

These fluoro-free thermoactive race waxes are blended with water-repellent and anti-static ingredients for excellent race-day performance. Temp 10-32°F

100g \$60

BEAST 2+FF Fluoro-Free Race Wax

Formulated with a blend containing more water repellent additive for when the conditions get a bit warmer and wetter.

40g \$60 | 100g \$115



BEAST 3 Race Overlay Spray

A full-fluoro liquid spray overlay for the finishing race layer enhances your race wax's speed and durability. EPA-approved and PFOA-free. Spray on, polish with felt pad and brush with horsehair.

Temperature range: Old Snow 5-32°F or New Snow 18-32°F

2.5 oz bottle \$105





Dominator All Temperature Zoom Wax

Zoom

The original all-temperature ski wax contains specialized hydrocarbon with thermoactive ingredients that broaden the temp range. Good for recreational skiing or as training wax in most snow temperatures.

Graphite Zoom

Graphite is blended in as an anti-static and increases lubrication in abrasive snow conditions. *Will discolor light colored bases.

100g \$36 | 400g \$70



Dominator Hyper Zoom Wax

Zoom ski wax blended with a low level of fluoro to enhance performance in low to mid-level humidity. Comes in iron-in bars or a paste rub-on formula for easy application on the mountain.

40g \$38 | 100g \$65 | 60ml Paste \$35



Dominator Race Zoom Wax

All temp Zoom blended with fluorocarbon and anti-static ingredients to make Race Zoom a full-blown all-temp race wax. Old snow version is for snow at least three days old, and New Snow is for the fresh. Use Bullet to augment Race Zoom in extreme cold.

40g \$65 | 100g \$120



Dominator Bullet Extreme Cold

Designed to cover the lower range of snow temps where it's too cold for Zoom waxes. Bullet works best below 14 °F, but also is great on ice at warmer temps and a good summer glacier wax.

100g \$44



Dominator ReNew Base Prep Wax

Most new skis come with dry bases and need base conditioning similar to putting oil in your engine.

ReNew

Combination of ultra-soft wax to deeply saturate the base and an ultra-hard wax that stays close to the surface for abrasion protection.

Graphite ReNew

This anti-static and micro-graphite formula is the best base conditioner for faster results. *Will discolor light colored bases.

100g \$36 | 400g \$65

Race ReNew

Includes advanced technology additives like anti-friction SRB, to apply under race wax to increase absorption and generate more speed.

100g \$55



Dominator Race Rocket

Broad range, mid-fluoro race pack containing a 20 gram bar for new snow, a 20 gram bar for old snow and two fibertext applicators for rubbing into base. Great 2nd run wax or overlay.

40g \$60



Dominator Race Butter

When you hit the slop Race Butter is an excellent choice. Highly fluorinated, anti-static ski wax for very wet snow at high air temperatures. Can be used alone or with other race overlays.

40g \$60



Dominator Missile Race Overlay

A full-fluoro liquid spray overlay for the finishing race layer enhances your race wax's speed and durability. EPA-approved and PFOA-free. Spray on, polish with felt pad and brush with horsehair. Temperature range: Old Snow 5-32°F or New Snow 18-32°F

2.5 oz bottle \$105

Dominator Elite Race Wax

The ELITE series is the latest development from DOMINATOR and designed for FIS competitions where fluoro waxes are restricted. They contain HYDROPEL polymers that replace fluoro additives, provide excellent water repellency & friction reduction.



Dominator Elite New Snow (NS) Race Wax

Designed for falling or day old natural or man-made snow. Available in hot wax bar or a rub-on paste for quick on-site application.

NS1 -10°C (14°F) and colder

NS2 -5°C to -10°C (23°F to 14°F)

NS3 -5°C (14°F) and warmer

100g bar \$120



Dominator Elite Old Snow (OS) Race Wax

Performs on natural or human-made snow that is two days or older. Available in hot wax bar or a rub-on paste for quick on-site application.

OS1 -10°C (14°F) and colder

OS2 -5°C to -10°C (23°F to 14°F)

OS3 -5°C (14°F) and warmer

100g bar \$120



Dominator Elite Race Rocket (RR)

Fluoro-free version of Race Rocket. Great 2nd run wax or use as an overlay. Rub-on with included corks.

40g \$58



Dominator Elite Wet Snow (W)

A soft rub-on wax designed for very wet snow at high air temperatures. Best when applied over ZOOM or Elite hot waxes.

40g \$58



Dominator Elite X Overlays

Soft rub-on waxes for extra glide on race days.

X1 Cold -3°C to -10°C (27°F to 14°F)

X2 Warm -5°C (23°F) and warmer

10g \$58



Dominator Fluoro-Free Race Wax

Developed for competitors opting out on fluoro waxes and overlays.

FFC 1

Base conditioner with an advanced technology anti-static additive.

FFC 2 & FFC 2C

Glide wax that contains anti-static additives for competition.

FFC 2 (Warm): -7°C (19°F) & up | FFC 2C (Cold): -7°C (19°F) & below

100g bar \$42

FF3 Race Overlays

Gray bar for -3°C (27°F) & up & Black bar for -5°C (23°F) & below

40g package \$52



Dominator Legacy Fluoro Race Wax

Designed for an extremely broad temperature range and increases success under uncertain race day snow conditions. Old snow waxes work best on rounder, transformed snow typically three days old or older. New snow waxes work best on falling snow (natural or man-made) and on snow up to three days old. All LEGACY fluoro waxes are based on C6 fluorocarbons.

F1 (New Snow) -7°C to -15°C (19°F to 5°F)

F2 (New Snow) -7°C (19°F) and warmer

Q1 (Old Snow) -7°C to -15°C (19°F to 5°F)

Q2 (Old Snow) -7°C (19°F) and warmer

100g bar \$130



SKI WAX

Swix's PRO Series is a line of fluoro-free racing glide wax based on new raw materials conforming to a global sustainability strategy. They follow the traditional color and number logic for wax selection. Environmentally friendly and fit for racing and performance-oriented training.



PRO Performance Speed (PS) Wax

Everyday wax for training and recreational skiing. *Equivalent to CH Waxes that have been a Swix staple for many years.

- TURQUOISE -10°C / -18°C (14°F / 0°F)
- BLUE -6°C / -12°C (21°F / 10°F)
- VIOLET -2°C / -8°C (28°F / 18°F)
- RED -4°C / +4°C (25°F / 39°F)
- YELLOW 0°C / +10°C (32°F / 50°F)

60g \$16 | 180g \$44 | 900g \$120



PRO High Speed (HS) Wax

Excellent wax for training and high speed recreational skiing. Use alone or as a base coat for Top Speed race waxes. *Equivalent to LF Waxes.

- TURQUOISE -10°C / -18°C (14°F / 0°F)
- BLUE -6°C / -12°C (21°F / 10°F)
- VIOLET -2°C / -8°C (28°F / 18°F)
- RED -4°C / +4°C (25°F / 39°F)
- YELLOW 0°C / +10°C (32°F / 50°F)

60g \$44 | 180g \$105 | 900g \$300



PRO Top Speed Black (TSB) Wax

Glide wax for race day that work exceptionally well on dirty snow and dry friction conditions. Excellent durability due to a solid black lubricant that reduces friction. Can be used alone or as base for top coats. *Equivalent to HFBWX (Black Wolf) waxes

- TURQUOISE -10°C / -18°C (14°F / 0°F)
- BLUE -6°C / -12°C (21°F / 10°F)
- VIOLET -2°C / -8°C (28°F / 18°F)
- RED -4°C / +4°C (25°F / 39°F)
- YELLOW 0°C / +10°C (32°F / 50°F)

40g \$80 | 180g \$275



PRO Top Speed Turbo (TST) Wax

The fastest and most advanced next-generation Swix racing wax. Part of Swix's fluoro-free racing glide wax system fit for racing and performance-oriented training. PRO Top Speed Turbo is developed especially for roto wool application.

- TURQUOISE -8°C / -18°C (18°F / 0°F)
- BLUE -4°C / -12°C (25°F / 10°F)
- VIOLET -2°C / -8°C (28°F / 18°F)
- RED -4°C / +4°C (25°F / 39°F)
- YELLOW 0°C / +10°C (32°F / 50°F)

20g \$85



PRO Top Speed Powder (TSP)

Exceptional race powder overlays that work well in all conditions. Can be used alone or as a base for top coats. Note: It is important to have a good iron to melt.

- BLUE -5° / -12°C (23°F / 14°F)
- VIOLET -2°C / -7°C (28°F / 19°F)
- RED -4°C / +4°C (25°F / 39°F)

40g \$80



PRO Polar Cold Wax

An exceptional wax for extreme cold conditions, which can be used alone as a race wax when the air humidity is low. It performs very well on aggressive, artificial snow and has outstanding durability and dry friction properties. -26° to 7°F (-32° to -14°C) *Equivalent to CHX4

60g \$16 | 180g \$40

SKI WAX



Liquid wax is a convenient alternative to more labor-intensive hot waxing and is an excellent alternative to traditional waxes. However, to obtain the full effect of the product and preserve the ski base, hot waxing should be performed regularly, especially for new or newly ground skis.



PRO Perf. Speed Liquid (PSL) Wax

A liquid spray-on training and competition wax with very good glide properties that is quick and easy to apply, durable and can be used as a race wax alone or as a base for topcoats. Equivalent to traditional CH waxes and follows the same temperature color scheme.

- BLUE -6°C / -12°C (21°F / 10°F)
- VIOLET -2°C / -8°C (28°F / 18°F)
- RED -4°C / +4°C (25°F / 39°F)
- YELLOW 0°C / +10°C (32°F / 50°F)

80ml \$26 | 250ml \$60



PRO High Speed Liquid (HSL) Wax

A liquid spray-on training and racing wax that is quick and easy to apply, durable and can be used as a race wax alone or as a base for topcoats. Recommended for ambitious citizen racers, dedicated enthusiasts and recreational skiers.

- BLUE -4°C / -12°C (25°F / 10°F)
- VIOLET -2°C / -8°C (28°F / 18°F)
- RED -4°C / +4°C (25°F / 39°F)
- YELLOW 0°C / +10°C (32°F / 50°F)

125ml (4.2oz) \$40



PRO Top Speed Liquid (TSL) Wax

High-performance racing gliders that are easy to work with, time efficient and extremely durable. Can be used alone or as a base for SWIX powders and top coats. Recommended for WC and national level athletes, ambitious citizen racers and dedicated enthusiasts.

- BLUE -4°C / -12°C (25°F / 10°F)
- VIOLET -2°C / -8°C (28°F / 18°F)
- RED -4°C / +4°C (25°F / 39°F)
- YELLOW 0°C / +10°C (32°F / 50°F)

50ml (1.7oz) \$80



Swix Base Prep Wax

Special hydrocarbon wax allowing greater absorption of wax into base. BP77 for cold skis, BP88 universal wax and BP99 for 1st wax and hot boxing.

180g \$38 | 900g \$120



Base Protection Liquid

Get the ultimate base protection with this liquid transportation wax that is easy to apply and is fluoro-free.

80g \$21 | 500g \$65



Swix Glide Wax Cleaner

Removes old racing and recreational glide waxes while conditioning and improving the base's glide. A great way to clean ski bases without damaging the structure and can make them faster!

150ml Spray Bottle \$35 | 500ml Bottle \$45



SKI WAX



Toko Base Performance Base Prep

Fluorine free wax is a very soft special purpose wax with a low melting point for ski base cleaning and hot box treatments.

120g \$22



Toko Base Performance Wax

Eco-friendly hydrocarbon wax for training and general base care in customary color codes for Toko temperature ranges.

120g \$22



Toko WC High Performance FF Wax

Triple X tech with a new fluoro-free lubricant, anti-static material, and a synthetic hardener. Meets the demands of World Cup racers!

40g \$64 | 120g \$148



Toko Racing Performance FF Wax

This new line features Triple X technology yielding superb fluorine-free performance for training or race day.

40g \$22 | 120g \$50



Toko Wax Remover

A gentle cleaning liquid for all types of ski bases. Removes wax residue as well as dirt and prepares the base for waxing.

250ml Spray Bottle \$15



SKI WAX



Holmenkol Base Wax

High quality hydrocarbon base and training wax for everyday use with extreme abrasion resistance and is a great first step in race prep.

70g \$20 | 150g \$32



Holmenkol Syntec FF Race Wax

Newly formulated fluoro-free racing wax using patented Syntec additives that produce a unique and high-performance ski racing wax.

70g \$76 | 150g \$125

Typical Holmenkol Wax Temp Ranges

Yellow 0° to -4° C (32° to 25° F)

Red -4° to -14° C (25° to 7° F)

Blue -8° to -20° C (18° to -4° F)

FF2 & FF1 Holmenkol Wax Temp Ranges

Yellow 0° to -6° C (32° to 21° F)

Red -6° to -12° C (21° to 10° F)

Blue -12° to -20° C (10° to -4° F)

SKI WAX (cont.)



Holmenkol Base Liquid Wax

High quality liquid base and training wax for everyday use.. Great abrasion resistance and is a good first step in your race prep. Fast and easy application that does not require a wax iron.

250ml \$50



Holmenkol Syntec FF2 Liquid Wax

FF2 Liquid Race Waxes provide high-performance speed using Syntec fluoro-free additives. Fast and easy to apply, even in cool surroundings.

100ml \$80



Holmenkol Syntec FF1 Liquid Wax

FF1 Liquid Race Waxes provide the absolute top level of fluoro-free speed with Syntec additives for improved structural properties. Quick and easy to apply before competition.

50ml \$125

SKI WAX



Wend uses Meadowfoam, an all-natural plant-based wax ingredient that is a safer, biodegradable alternative to fluorocarbon—specifically designed to increase durability and base penetration, resistance to dirt and better glide. Available in Warm, Mid, Cold, Extra-Cold, Universal and Base Prep formulations (varies per type).



Wend MF Performance Wax

Non-Fluoro everyday training and race wax with Meadowfoam for increased penetration, protection and glide.

100g \$15 | 300g \$38.50 | 1 kilo \$60



Wend MF Race Wax

High percentage of Meadowfoam which performs similar to mid-fluoro race waxes plus conditions at the same time.

100g \$45



MF Liquid Hot Box

Liquid wax for deep penetration and maximum hydration.

4oz \$70



Wend Nano-Tech Race Wax

Enhanced formulations that include nanotechnology additives and Meadowfoam for a high-performance alternative to fluorocarbon race waxes.

100g \$60



Wend HF Race Wax

Combining the water repellency of fluoro with Meadowfoam lubricant for achieving ultimate speed and the best performance.

100g \$70



MF Natural Cleaner

Cleans contaminants and conditions with Meadowfoam.

4oz \$16 | 16oz \$48

BEAST Tune Kits



BASIC TUNE KIT

Maintaining finely tuned skis can significantly enhance your performance and enjoyment on the ski slopes. This economical ski tuning kit includes everything you need to keep your ski edges sharp and free from nicks and burrs.

Choice of 1°, 2°, or 3° Pocket BEAST

Pocket BEAST	\$49
BEAST 8" Medium Mill File	\$15
BEAST Premium Diamond Stone - 4" Medium Grit	\$42
BEAST Gummi Stone	\$14
Total Value	\$120
Tuning Kit Price	\$109

Add Jaws of the BEAST Ski Vise for only an additional \$120



ELITE TUNE KIT Our Best Deal!

All the ski tuning supplies that the serious ski tech needs. This extensive ski tuning kit is for those who demand the finest quality equipment and appreciate top performance from their skis.

Side of BEAST 1°	\$69
Side of BEAST Angle Plate 2°	\$15
Side of BEAST Angle Plate 3°	\$15
Base BEAST .5°	\$20
Base BEAST 1°	\$20
Plane BEAST	\$49
True BEAST	\$39
BEAST 8" Medium Mill File	\$15
BEAST Premium Diamond Stone - 4" X-Fine Grit	\$42
BEAST Premium Diamond Stone - 4" Fine Grit	\$42
BEAST Premium Diamond Stone - 4" Medium Grit	\$42
BEAST Premium Diamond Stone - 4" Coarse Grit	\$42
BEAST Juice - 2oz	\$10
BEAST Gummi Stone	\$14
BEAST Brake Bands	\$4
File Card/Brush	\$14
BEAST Race Brush - Stiff Bronze/Horsehair	\$65
BEAST Race Brush - Nylon	\$55
BEAST Race Brush - Horsehair	\$55
BEAST Fiberpads - Fine	\$5
BEAST Fiberpads - Medium	\$5
BEAST Fiberpads - Coarse	\$5
BEAST 4mm Wax Scraper	\$7
BEAST/Race Place Ski Ties (3)	\$9
BEAST Tuning Box	\$36
Jaws of the BEAST Vise	\$149
Total Value	\$843
Tuning Kit Price	\$639

Add Jaws of the BEAST Ski Vise for only an additional \$120
*4 degree Angle Plate Option adds \$10 to Package Price

BEAST Packages



BASIC SKI WAX KIT II

Skis perform much better when they are kept lubricated with ski wax. Well-maintained skis produce less friction on the snow (i.e., glide better), making them easier to turn and control. Every skier should learn how to wax skis, and this ski waxing kit contains all you need to maintain your ski bases for everyday performance.

BEAST 1 Everyday Glide Wax - 400g	\$70
BEAST Oval Soft Bronze Brush	\$65
BEAST Nylon Brush	\$26
BEAST Wax Scraper	\$7
BEAST Fiberpads - Coarse	\$5
BEAST Fiberpads - Fine	\$5
BEAST/Race Place Ski Ties (3)	\$9
BEAST Brake Bands	\$4
Total Value	\$165
Waxing Kit Price	\$125

Add Jaws of the BEAST Ski Vise for only an additional \$120



BEAST HI-PERFORMANCE WAX PACKAGE

With the BEAST Hi-Performance Wax Package you get all the waxes that you need to get your skis as fast as they can be in a variety of conditions.

BEAST ZERO Base Prep - 400g	\$70
BEAST 1 Everyday Glide Wax - 400g	\$70
BEAST 1-C Super Cold Glide Wax - 100g	\$44
BEAST 2 Race Wax - Lo Fluoro - 100g	\$65
BEAST 2+ Race Wax - Hi Fluoro - 100g	\$120
Total Value	\$369
Package Price	\$299

*Available in a Graphite version.



BEAST ESSENTIAL RACE WAX PACKAGE

The BEAST Essential Race Wax Package contains three different thermoreactive waxes that take the guesswork out of choosing the correct wax on race day. 1 Everyday Glide Wax for training and base prep, 1C Super Cold Glide Wax for when temperatures drop below 10°F, and 2+ Race Performance Hi-Fluoro Wax with anti-static ingredients and fluorocarbon for warmer and wetter conditions.

BEAST 1 Everyday Glide Wax - 400g	\$70
BEAST 1-C Super Cold Glide Wax - 100g	\$44
BEAST 2+ Race Wax - Hi Fluoro - 100g	\$120
Total Value	\$234
Package Price	\$189



BEAST Tuning Tool Box

Carry all your ski tuning and waxing gear in this large tool box. Room for your ski vise, wax iron, brushes, files, stones, edgers and a separate tray for ski waxes. *Tools sold separately.

- Durable Ski Tuning Tool Box
- Large Pull Out Tray
- Durable Plastic Handle
- Extremely Strong Bailed Brass Latches
- External Dimensions 20" x 10.5" x 11"

Tool Box \$36



665 SW Columbia Street
Bend, OR 97702

CHANGE SERVICE REQUESTED



Cole Van Etten
New York Ski Education Foundation
Saranac Lake, New York