Hi from Race Place - 26th Year

The Holmer family has a long history in the world of skiing. Ski Patrol, Ski Sales Rep, Owning Ski Shops, Beer League racing and our kids ski racing were all a part of family life. Ski racing captivated the family beginning in 1984 with Cami Anne and followed by Eric and Kelsey. We are so proud of their ski racing successes of winning Junior Olympics, State High School Championships, Nor-Am's and many other podiums. Coaching at many levels including Olympics and US Ski Team has been a way of them paying back after their race careers.

Junior National’s brought us to Bend, Oregon in 1988 where we then started The Lift Ski Shop. After 6 years of traditional ski business we changed to specialize in alpine ski racing with Race Place.

The past 26 years has seen Race Place grow to be one of the largest specialists of ski racing gear in the World. Attaining that stature is partly the result of innovation with BEAST Tuning Tools and Wax. Stacking the largest selections of Race Suits, Race Skis, Race Pants, Race Wax and Tuning Tools has also contributed to our growth. ASPIRE, a Made in USA high quality line of GS suits is our latest innovation.

However, none of the success would be possible if we didn’t have an extremely committed team to communicate with you and process your orders so you rapidly receive what you want and need. Our Team of 10 will process and ship every order the weekday the order is placed. On a busy day this may mean over 175 loyal customers will receive your desired new race gear in short order.

Thank You – to our Team of 10!
Thank You – to Thousands of Customers!

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Sebastian Kohlhofer

Sebastian is a first year U-19, born in 2004, from Avon, Colorado. He has been a member of the Ski and Snowboard Club Vail (SSCV) for the past seven years.

He is a highly motivated individual who excels in both ski racing and scholastics. He was an Honor Roll student in his Freshman year and also the first Semester of his Sophomore year that got cut short this past March with school closures.

Sebastian has a real passion for ski racing and it has been showing in his results. He won both the SL & GS at Rocky/Central Championships that also led to winning the Overall. He also won the Overall for 1st year U-16’s at the Nationals.

Several race series unfortunately were cancelled in the middle of his highly successful season.

We are proud to have Sebastian as the Race Place Cover Athlete and he has earned the $3,000 Award.

Charlotte Harter

Charlotte is our 1st ever applicant from Cleveland, Ohio in the 10 years of a cover athlete contest. Her three page letter had so much passion for ski racing that it brought tears to my eyes. In her 5th revision of her letter she wrote of many experiences in six years on the Holiday Valley Ski Team and what meaning and joy it brings to her life!

At one race she wrote each teammate a letter and made goodie bags. They all raced with her letter in their race suit for good luck and some still do. “The job of a leader and friend is to always encourage and build them up, because as much as you think they don’t need it, everyone does”

“Hard work beats talent when talent doesn’t work hard” is an inspiring mantra from her Coach. Her family is very supportive in making the 3 hour drive to the ski area each weekend so she can work hard to build her talent.

We could fill many pages in this catalog with thoughts that Charlotte expressed, but a summary is “I love the whole package, the sport, the competition, the people and places”.

We totally agree and wish to make Charlotte a Race Place Back Cover Athlete along with the $1,500 award.
The ASPIRE Story

Race Place’s quest for a new direction in GS race suits began several years ago with several criteria. Made in USA is #1 and affordable and availability. After extensive research we partnered with a production facility in the USA for high quality manufacturing and we are now presenting 26 unique ASPIRE FIS GS Suits to the ski world.

Made in USA
Affordable
American workmanship is unparalleled
Support the economy with jobs in the USA
ASPIRE FIS GS - Adult is $419. Junior is $339

Availability
Ski products traditionally are made in foreign countries with order time at end of January and delivery end of September. A hot seller isn’t known until suits hit the market in October and there usually is no re-order. ASPIRE GS suits Made in USA with a re-order time of 3-4 weeks means your favorite design can be available in short order!

The meaning of aspire is Aim to Achieve. We are confident that ASPIRE Race Suits can assist you in your quest to achieve ski racing success.

Features:
• Supra Race high performance fabric from a mill that has produced fabric for numerous World Cup and Olympic teams including Austria, France, Norway, Canada and USA
• Passes FIS 30ml test with approval logo on left calf
• 8 panel anatomically designed fit
• Digitally printed sublimated design
• Robotic Laser cut panels for precise fit
• Removable high impact pads in strategic locations
• Durable YKK zippers
• Thumb anchor straps
• Silicone leg grip to hold suit bottom on boot

RACE PLACE 2020

Largest Selection of Race Suits
4 brands in 121 Models and Colors

Largest Selection of Side-Zip Pants
3 brands in 36 Models and Colors

Largest Selection of Race Skis
7 brands in 72 Models

Largest Selection of Race Wax
6 brands in multitude of Models
ASPIRE means “Aim to Achieve” and our FIS GS suits will assist in your podium quest. “Supra Race” FIS fabric from a mill that has supplied World Cup and Olympic teams from Austria, Norway, France, Canada and USA. The ASPIRE factory sublimates colorful designs into the fabric and robotically laser cuts eight different panels that are stitched together with elastic thread to individually produce each suit. Made in USA workmanship and high quality Supra Race fabric assures the best race suits money can buy.

ASPIRE ALL AMERICAN TEAM

ASPIRE - All American Team
Six great FIS approved GS Suit models with Stars and Stripes and the Red, White and Blue prime colors. Our commitment to Made in USA is shown in the All American Team collection.

Adult sizes - S, M, L or XL.................. $419
Junior sizes - S, M or L..................... $339

Please see our website for detailed info, size charts and availability
CARNIVAL
Choose from four colors of the Carnival GS Suit that shows the fun of ski racing with the unique designs on the arms.

Adult sizes - S, M, L or XL........................... $419
Junior sizes - S, M or L............................... $339

SPLASH
One of our top selling designs from last year in three updated colors. FIS approved like all ASPIRE GS suits.

Adult sizes - S, M, L or XL........................... $419
Junior sizes - S, M or L............................... $339
PARAGON
Paragon means perfect and a model of excellence. That’s a great description of this new GS Suit design in four colors.

- Adult sizes - S, M, L or XL: $419
- Junior sizes - S, M or L: $339

SWIRL
Great new twisting and swirling design. Fully padded GS Suit that is FIS approved like all ASPIRE suits.

- Adult sizes - S, M, L or XL: $419
- Junior sizes - S, M or L: $339
TEMPO
Attractive Lavender & Yellow design in a FIS approved GS suit.
Adult sizes - S, M, L ............. $419
Junior sizes - S, M, L ............ $339

ATTACK
ATTACK design has Turquoise bands wrapping around a Purple body.
Adult sizes - S, M, L .......... $419
Junior sizes - S, M, L .......... $339

ENERGY
Electric charged energy throughout the body is softened with Mint shoulders.
Adult sizes - S, M, L .......... $419
Junior sizes - S, M, L .......... $339

OFFSET
Multi-colored bands are offset to one side of Black tone body making for an interesting new design in a fully padded GS Suit that is FIS approved like all ASPIRE suits.
Adult sizes - S, M, L, XL .......... $419
Junior sizes - S, M, L .......... $339

TRACKS
Darker colored tracks running vertically through this design looks like it might be ski tracks. Padded GS suit by ASPIRE that is FIS approved.
Adult sizes - S, M, L .......... $419
Junior sizes - S, M, L .......... $339

Please see our website for detailed info, size charts and availability.
**Arctica - Patriot**
Red, White and Blue stripes angled across the torso for a very patriotic look. Camo or White primary. FIS approved.
- Junior: $325
- Adult: $375

**Arctica - USA**
Our #1 suit last year returns in two color options with USA logos. Blue/Red or Black/Silver. FIS approved GS suit.
- Junior: $325
- Adult: $375

**Arctica - Ranger**
New design from Arctica in a Blue color. Fully padded and FIS approved.
- Adult: $375

**Arctica - Print**
Colorful GS suit in Flower, Kaleidoscope and Blossom. FIS approved.
- Junior: $325
- Adult: $375

**Arctica - Tsunami**
Popular suit returns in Black, Ocean Blue or Rose. FIS approved GS suit.
- Junior: $325
- Adult: $375

*Please see our website for detailed info, size charts and availability*
**Karbon - Solitude GS**
New designs in a performance padded GS suit of Lycra stretch fabric. Adult color choice of Navy/Lime or Red/Black and Junior has same choices plus Blue/White  FIS Approved.  
Adult .................$450  Junior ...............$350

**Karbon - Defender GS**
More new designs in a performance padded GS suit of Lycra stretch fabric. Junior color choice of Navy/Lime or Pink/Purple and Adult has same choices plus Black/Gold  FIS Approved.  
Adult .................$450  Junior ...............$350

**Karbon - Empress GS**
Top design from last season is updated with new colorful patterns. Junior color choices of Blue or Orange and Adult has same choices plus Purple.  FIS Approved.  
Adult .................$450  Junior ...............$350

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**FIS Approved Race Suits**
The information below will assist to better understand the FIS Approved requirement.

**WHY**
In interests of safety, FIS required race suits to be porosity tested to eliminate a racer wearing a plastic suit with limited friction with the snow in a fall that would not slow down until hitting something. A testing machine blows air through the fabric to certify the amount of porosity.

In interest of fairness, FIS chose that suits must have a certain porosity to create a one-design where suits would have similar aerodynamics. A FIS approved logo is printed on left calf.

**WHO**
FIS Approved suit requirements are applicable only for U-19 (16 years and up) and older athletes competing in GS, SG and DH races at Continental Cup level and up. This means Nor-Am, World Junior Championships, Europa Cup and World Cup.
### Spyder - World Cup DH & GS
Men's FIS race suit with new graphic designs of Navy or Blue in the padded GS suit or Navy in the DH model.

<table>
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<tr>
<th></th>
<th>DH</th>
<th>GS</th>
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<tbody>
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<td>$1,000</td>
<td>$1,200</td>
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### Spyder - Performance GS
Men's FIS GS suits with new designs in choice of Blue, Black/White or Grey/Red graphics.

- **$600**

### Spyder - Women's World Cup DH & GS
Women's FIS race suits in the same Blue design as the Men’s, but in sizing dimensions to fit the Female body.

<table>
<thead>
<tr>
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<th>DH</th>
<th>GS</th>
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<tbody>
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<td>$1,000</td>
<td>$1,200</td>
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</tbody>
</table>

### Spyder - Performance GS
Women's and Girl's padded GS suits in choice of three new color patterns.

- Women's GS: **$600**
- Girl's GS: **$400**
Spyder - Junior Performance GS
Junior GS suits in choice of Blue or Red/Grey graphics.
Junior GS ................. $400

Spyder - 990 GS Suits
Padded GS suit in three colorful new graphic designs.

Girl's GS ........... $325
Womens's GS ........ $450

Spyder - 990 Boy's GS Suits
Great entry level padded GS suit in three new graphics.
Boy's 990 GS ........... $325

Spyder - 990 GS Suits
Padded GS suit in three colorful new graphic designs.

Girl's GS .......... $325
Womens's GS .......... $450

Spyder - 990 Adult GS Suits
Entry level padded GS suit in three new graphics & colors.
Adult 990 GS .......... $450
**Arctica Side-Zip Pant - Adult & Junior**
Ski clothing should be as colorful as the sport and Arctica has colors to satisfy your preference. Our #1 pant the past 7 years. See Race Place website for availability and other details.

*Adult ............... $195  Junior ............... $175*

**Arctica - Speedster Stretch Pant**
Waterproof/breathable stretch fabric for a conforming fit and 40 gram insulation. Removable suspenders and snow cuffs.

*Mens’s or Women’s .......... $250*

**Karbon Side-Zip Pants - Adult & Junior**
Full side zip pant in waterproof breathable fabric, 40g insulation, adjustable waist and removable suspenders.

*See our website for color choices.*

*Mens’s & Women’s....... $200  Junior ..... $175*

**Spyder - Tarantula**
Updated Tarantula side-zip insulated pant with removable suspenders. Black color.

*Mens’s & Women’s.... $230  Junior ................. $200*

**Spyder - Guard Junior Pant**
Three color choices in an insulated side-zip pant with suspenders.

*Junior ............... $150*

**Spyder - Coaches Bib**
Iconic pant updated with all the pads, pockets and zippers any coach will need. GORE TEX rugged waterproof fabric.

*$400*
**Arctica - Warm Up Coats**
Warm-up coats you can ski in because they have arms. Simple to remove at the start. Helmet compatible hood. Basic coat is Black with 80 gram insulation. A-Team coat has 100 gram insulation and offered in Navy or Red.

- **A-Team......................** $175  
- **Basic..........................** $160

**Arctica - Classic Down Jacket**
Classic design with a Packet feature where jacket can stuff into rear pocket to make a napping pillow or use pocket to store race gear. Warm 650 Goose down fill. Color choices of Black or Red.

**Men's or Women's ..................** $300

**Arctica - Race Training Short**
Adult & Junior training shorts. Waterproof fabric, 40g insulation, covered side zips, front pockets and removable suspenders. Three Adult colors. Junior is Black.

- **Adult ...........** $135  
- **Junior ...............** $130

**Arctica - Black Kat Stretch Short**
Black Kat short in a stretch soft shell waterproof/breathable three layer fabric to comfortably fit over your race suit.

- **Adult Unisex ..........** $120

**Spyder - Rain Shell**
Fixed hood, three-quarter length, fully taped seams and pass through pockets.

- **Unisex ......................** $150

**POC - Stretch Short**
Ultra stretch fabric with fleece inside. Wear over race suit to keep thigh muscles warm while training. Full front zippers and adjustable waist.

- **Adult ...........** $200  
- **Junior ...............** $170

**Karbon - Stretch Short**
Softshell water repellent stretch fabric. Front zippers and removable.

- **Adult ...........** $120  
- **Junior ...............** $100

**Spyder - Stretch Softshell Short**
Water repellent softshell fabric, front zips and removable adjustable suspenders.

- **Adult ...........** $170  
- **Junior ...............** $130

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Please see our website for detailed info, size charts and availability.
POC entered the ski racing world at the 2006 Winter Olympics with race helmets that were soon to be noted as the ultimate in protection for ski racing. POC has continued developing protection for ski racers and their Cut Resistant Base Layers give protection from the sharp race ski edges.

The base layer is a double knit wool/polyester blend for warmth with protection zones of a stretch Dyneema fabric developed specifically for POC. The cut resistant zones most prone to injury are the legs, arms and torso. Dyneema is a flexible composite used in ice skating and hockey clothing for protection against cuts from sharp skate blades.

**Cut Resistant Base Layer**

**TOPS**
- Adult .......... $250
- Junior .......... $200

**BOTTOMS**
- Adult .......... $300
- Junior .......... $230

They don't make hats, gloves base layers or soft shells. All they do is make the best possible socks the world has to offer and with a lifetime guarantee. Put a hole in one and they will replace the pair!

<table>
<thead>
<tr>
<th>Sock Type</th>
<th>Price</th>
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<tbody>
<tr>
<td>Darn Tough - Captain Stripe Light</td>
<td>Junior $16, Adult $25</td>
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<tr>
<td>Darn Tough Ultralight</td>
<td>Junior $16, Women’s $24, Men’s $25</td>
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<tr>
<td>Darn Tough Women’s Light</td>
<td>Glacier Stripe $25</td>
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<tr>
<td>Darn Tough - Junior Cushion</td>
<td>Polar Bear $17</td>
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</table>
Smartwool - Kid's Racer
Merino wool blend with light cushioned shin and shole for comfort and warmth.
Kid's sizes................ $16

Smartwool - Jr. Ultra Light
Performance minded Juniors need a close fitting sock like Adults. Merino wool blend.
Junior sizes............ $24

Smartwool - Men's PHD Ski Ultra Light
This is a sock used by top-level athletes who require a close boot fit. Merino Wool blend for warmth. Multi-color design or black.
Men's ..................... $25

Smartwool - Women's PHD Ski Ultra Light
For top-level athletes who require a close boot fit. Merino Wool blend for warmth. Multi-color or Purple Mist.
Women's .................. $25

Smartwool - Pro Ski Race
Smartwool has teamed up with the master of precision and speed, Mikaela Shiffrin, to build the ultimate ski race sock. Two color choices.
Pro Ski Race.............. $31

Smartwool - Ski Elite Light Cushion
Merino wool blend for warmth with light cushioning in the heel and ball of foot. Two multi-color choices.
Ski Elite Light .......... $26
Leki gloves & mitts feature the "Trigger-S" system with a small loop between thumb and forefinger that clicks into Leki poles without the need for a strap. “Click in and Go” with Leki poles, but gloves and mitts may be used with any poles.

**WC Race TI-S Glove or Mitt**
This is the one top racers use. Goatskin leather, fleece liner, Titanal knuckles, Thinsulate and Velcro cuff closure.

- Adult Gloves or Mitts ........ $240

**WC Race Flex JR Glove or Mitt**
Leather race glove & Mitt with impact resistant knuckles and Thinsulate.

- $170

**WC Junior Gloves**
Waterproof insert. Fiberloft insulation.

- $60

**WC Race Coach Glove/Mitt**
Waterproof softshell w/goatskin palms, warm Thinsulate, knuckle and finger padding and Velcro cuff closure.

- Adult ............... $150  Junior ............... $120

**WC Race DH Glove**
Aerodynamic speed glove with pre-curved race fit. Thinsulate, goat leather shell and Velcro cuff closure.

- Adult ................ $150

**Shred Race Mitt**
Ligety inspired w/Superfabric on back of hand to use as outrigger in extreme turn.

- Adults................... $230
Straight from the World Cup race circuit setting a new standard.

**LEVEL - WC CF Mitt**
Waterproof goat leather, w/Thinsulate puts this mitt in a class of its own.

Junior .................. $180  
Adult .................. $280

**LEVEL - SQ CF Race Mitt**
Goat leather, Thinsulate, padded back and Velcro closure on cuff.

Junior .................. $150  
Adult .................. $220

**LEVEL - Race Speed Glove or Mitt**
Aerodynamic design with windbreaker fabric, goat leather and padded back.

Adult .................. $180

**LEVEL - Adult Race Mitt**
Goat leather w/Hydrofil insulation. Padded back. White or Black.

Adult .................. $180

**LEVEL - Junior Race Glove or Mitt**
Padded back, leather palm, sublimated fabric, waterproof insert.

Yellow or Black .................. $90

**LEVEL - Squash CF Mitt**
Goat leather, Thinsulate, padded back and Velcro closure on cuff.

Junior .................. $150  
Adult .................. $220

**LEVEL - Junior Race Glove or Mitt**
Waterproof leather with D3O padding.

Junior .................. $110  
Adult .................. $130

**LEVEL - Overglove**
Water resistant fabric and insulation to go over your race gloves for added warmth.

Adult .................. $50

**Auclair - Race Shield Mitt**
Waterproof leather with D3O padding.

Junior .................. $180  
Adult .................. $200

**Auclair - Son of T3 Mitt**
Warm leather padded race mitt.

Junior .................. $110  
Adult .................. $130

**Auclair - Son of T3 Glove**
Classic leather padded race glove.

Junior .................. $110  
Adult .................. $130

**Auclair - Race Fusion Glove**
Waterproof leather with D3O padding.

Adult .................. $225
**Warrior Team Glove or Mitt**
Goatskin leather with cowhide palms, padded fingers and composite padded knuckles. Tedfill insulation.

Adult .................................................. $150

**World Cup Warrior Mitt**
Goatskin leather w/cowhide palm and waterproof insert. Hard composite knuckles and seamless tight cuff. **Authentic full-on race gear!**

Adult .................................................. $190

**Warrior Junior Glove or Mitt**
Waterproof shell with goatskin palm, R-loft insulation. Padded fingers, composite knuckles and Velcro cuff closure.

Junior .................................................. $120

**World Champ Mitt**
Soft sheepskin with hard composite knuckles. Dry liner and Thinsulate. This has been a favorite the past 6 years.

Adult .................................................. $190

**Gripen GS Mitt - Adult**
Leather, d30 shock absorbing knuckles and ceramic reinforced fingers & thumb.

Adult .................................................. $280

**Hestra Leather Balm**
Leather Balm for water repellency and softness. Natural Eco friendly oils.

$10

**Impact Junior Race Mitt**
Goat leather/softshell padded race mitt with G-loft insulation and Velcro closure.

Junior .................................................. $130

**Impact Adult Race Glove**
Goat leather/softshell padded race glove with G-loft insulation and Velcro closure.

Adult .................................................. $150

**RSL Comp Vertical Cut Mitt**
Leather race mitt with firm finger and knuckle pads & Velcro wrist closure.

Adult .................................................. $230

**World Cup Warrior Mitt**
Waterproof shell with goatskin palm, R-loft insulation. Padded fingers, composite knuckles and Velcro cuff closure.

Adult .................................................. $350

**Nor-Am Adult Mitt**
Iconic full cowhide leather mitt with dry lining, fiberfill insulation padded knuckles.

$120
**POC VPD Air Back**
New lightweight protector. Shock absorbing VPD and great ventilation. **$120**

**POC VPD**
VPD System Back features a new open design in the VPD material for great ventilation. **$160**

**POC - Junior VPD**
VPD Back Protector built into a vest for a great fit. Flexible VPD is ventilated. **$120**

**POC - Spine VPD Air**
Adult VPD Back Protector built into a vest for great fit. Flexible and ventilated. **$150**

**Shred Flexi Vest**
Hexagon shock absorbing foam in a flexible vest. **$170**

**Shred - NOSHOCK**
NOSHOCK XT Naked with a honeycomb closed cell foam for great shock absorption. **$180**

**Shred - Flexi Naked**
The Naked features a closed cell foam for great shock absorption. **$140**

**Sweet - Race Vest**
Visco elastic foam. Zipper and adjustable Velcro belt. **Junior $150**  **Adult $170**

**Spyder Bashor**
Redesigned “Stealth” with padding strategically placed in stretch nylon. Worn under suit to soften gate hits. **$150**

**Rossignol Protector**
RPG STRAP lightweight with two straps and Velcro waist belt. **Junior $100**  **Adult $120**

**Atomic - Junior Shield**
Very flexible lightweight vest with a wide height adjustable belt to fit the young body. **$150**

**Atomic - Live Shield**
Thin tubular foam is built in a vest for great protection and a lightweight fit. **$200**
SHIN GUARDS

Leki World Cup Pro
Junior 13” .................. $100
Adult 15.75” ............. $135

Leki Carbon 4Race Shins
16.5” ...................... $360

Leki Junior 4Race Shins
13.5” ...................... $110

Rossignol Shin Guards
Junior 11” ............... $110
Adult 15” ............... $120

POC Carbon Comp
Junior ................. $160
Adult ................. $200

POC Classic Shin Guards
Junior 12” .............. $80
Adult 15” .............. $100

Slytech Carbon Shin Guards
M 15” .................... $240
L 16.5” ................. $260
PRO 17” ............... $300

Slytech Shield Shin Guards
S 12.25” ............... $100
M 15” ................. $120
L 16.5” ............... $140
PRO 17” ............... $170

KEKA Carbon Fiber Shins
Small 11” ............... $150
Small Long 13” ........ $180
Medium 12” ........... $180
Medium Long 14” ...... $180
Large 13” ............... $180
Large Long 16” ....... $200

Fitting of Shins
Put boots on and measure from top of knee cap to where you desire the shin to end. Some prefer to have the shin end just above the boot top and others prefer to have the shin cover the top buckles for protection from gate hits.

Fitting Forearm Guards
Bend arm at 90° angle and measure distance from the outsides of elbow joint to slightly above the wrist joint.
POLE & ARM GUARDS

Leki 4Race Carbon Arm Guards
Adult or Junior ...............$275

Leki Forearm Guards - 11.5"
Easy to cut length to 9.5" ..................... $110

Shred Carbon Arm Guards
S 9.8" ........................................ $110
M 10.8" ...................................... $130
L 12" ........................................... $140

Shred Shield Arm Guards
Navy/Rust or White/Black
S 9.8" ........................................ $70
M 10.8" ...................................... $90
L 12" ........................................... $100

Rossignol Arm Guards
Junior .................. $70  Adult .................... $90

Swix SL Pole Guards
Junior .................. $40  Adult .................... $45

KEKA Carbon Arm Guards
XS-7", S-8", M-9", L-10", XL-11" .......... $130

POC Classic Arm Guards
Junior 9" ............... $60  Adult 11" ............ $80

POC Carbon Comp Arm Guards
Junior .......................... $120  Adult ......................... $150

POC SL Pole Guards
$60

Komperdell SL Pole Guards
Profi Std ........................................ $50
Wide World Cup ....................... $70

Rossignol SL Pole Guards
$60

Race Guard - Mouthguard
Junior or Adult .............. $10

Leki Pole Guards
Thumb Guard ................. $45
Short Mini ......................... $40
Lite Symmetrical ............... $60
Compact Asymmetrical ......... $45
Lite Asymmetrical ............... $60
Cobra Full Wide ..................... $75

Leki 4Race Carbon Arm Guards
Made in USA
The LEKI Difference

New Trigger-3D grip system for more safety and control with a 3-dimensional release spring. Click in and go with LEKI gloves, but strap functions in a conventional way with any glove. "Airfoil" shaft reduces air resistance to increase balance and stability at high speeds.

LEKI Venom Carbon 3D–SL
Carbon Kevlar shaft with aluminum top section for gate hit protection.

$195

LEKI Carbon Composite–GS
Carbon shaft encasing an aluminum shaft inside for super strength.

$195

LEKI World Cup–SL, GS & SG/DH
Titanium Airfoil shaft & Trigger–3D grip GS & SG/DH have speed bends.

SL ..................... $130
GS ...................... $140
SG/DH ................ $140

LEKI World Cup Lite–SL & GS
Similar features as longer World Cup poles with lighter weight shaft.

SL ..................... $90
GS ...................... $100

Think PINK!
LEKI Pink SL Poles
Mikaela Shiffrin inspired SL poles.

World Cup Lite ................. $90
World Cup SL ................. $130

KOMPERDELL RACE POLES

Choice of World Cup champions for 30 years.

Komperdell National Team SL
Adult ..................... $100
Aluminum alloy 18mm shafts and small racing disc baskets.

Junior ..................... $90
Lighter weight aluminum alloy 16mm shafts and small racing disc baskets.

Komperdell National Team GS
Adult ..................... $150
Aluminum alloy 18mm GS bend shafts and small aero cone racing baskets.

Junior ..................... $100
Light weight aluminum alloy GS bend 16mm shafts and cone racing baskets.

How to Size Poles
The chart is based on height, but the most common “old time” method is to invert the pole with grip on the floor and grab the pole on the grip side of the basket with your forearm at a 90° angle.
Select a longer pole in in doubt as most shafts can be cut down to size, but it’s not possible to add length. Each year someone calls and asks if they should cut off the pole at the top or bottom. Duh!
Swix WC Pro Carbon Race Poles
Stiff carbon fiber lightweight shafts that are shaped for less wind drag. SL has disc baskets. GS/SG & DH have cones. DH has “Wrist Bend” for better hand position in a tuck.

SL Adult.................. $150
GS/SG Adult.................. $150
DH Adult.................. $150

Swix World Cup Alu Race Poles
Lightweight 7075 alloy race shaft for extra strength in an 18 mm Adult shaft. Junior shaft is 16mm for lighter weight. SL poles are SL guard compatible. GS/SG and DH have aerodynamic bent shafts. Racing disc baskets on SL and cones on GS/SG and DH.

SL Adult.................. $80
GS/SG Adult.................. $80
DH Adult.................. $80

SL Junior.................. $55
GS Junior.................. $55

Ski Pole Size Chart

<table>
<thead>
<tr>
<th>Height</th>
<th>Length in.</th>
<th>Length cm</th>
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</thead>
<tbody>
<tr>
<td>45-48&quot;</td>
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<td>76-78&quot;</td>
<td>53-54&quot;</td>
<td>135</td>
</tr>
<tr>
<td>79&quot;</td>
<td>55-56&quot;</td>
<td>140</td>
</tr>
</tbody>
</table>

Chart is for SL or recreational skiing. GS, SG and DH may choose poles 2” longer.

Head World Cup
Aluminum alloy shafts. Adult has 18mm shaft. Junior is lighter weight 16mm. Both accept universal SL guards.

SL Adult........ $100
SL Junior........ $60
GS Adult........ $110
GS Junior........ $70

Rossignol Hero Poles
Triangular aluminum Zicral shaft for aerodynamics and strength, race disc and carbide tip.

SL Adult........ $90
SL Junior........ $50
GS Adult........ $90
GS Junior........ $50
Atomic Redster WC AMID Helmet
Carbon/Aramid construction gives 30% more protection than FIS standards. SL bar compatible, choice of either black or red. $350

Atomic SL Bar
Metal guard fits Redster FIS helmet. $50

Atomic Count AMID SL Helmet
Lightweight ABS half shell SL helmet. Includes a metal SL guard. This is the model used by Mikaela Shiffrin. Choose from either Black or Red. $250

Rossignol Hero Carbon - FIS
Carbon for greater impact resistance. $360

Rossignol Hero Impact - FIS
ABS hardshell. SL bar included. Adult $270

Rossignol Hero Templar - SL
Soft ear SL helmet with ABS shell. $200

Rossignol Hero Black
Includes Yellow, Silver & Clear cylindrical lens for varying conditions. $120

Rossignol Ace Hero
Includes Yellow & Silver Mirror spherical double lens for varying conditions. $120

Rossignol Hero Junior Raffish
Includes Yellow, Silver & Clear single cylindrical lens for varying conditions. $60

Rossignol Hero Carbon - FIS
Carbon for greater impact resistance. $360

POC - Fovea Clarity Comp+
Spektris tinted mirrored lens. Large field of vision. Includes 3 lens. White or Black frames. $250

POC - Fovea Clarity Comp
Spektris tinted mirrored lens. Large field of vision. Includes extra non-mirror lens. Choice of three frame colors. $220

POC - Retina Big Clarity Comp
Larger version of Retina Clarity Comp. Including the extra non-mirror lens. White or Black frames. $190

POC - Retina Clarity Comp
Mid-size Retina updated with mirrored Spektris Clarity lens plus an extra lens. Choice of five frame colors. $170

POC - Opsin Clarity Comp
Cylindrical Spektris lens for Med-Large face includes extra lens. Four colors. $150

POC - Opsin Clarity
Cylindrical Clarity Spektris double lens. Medium to Large frame. $130
POC - Super Skull SPIN FIS Helmet
Combine super light weight Carbon fiber shell with the POC SPIN technology and you have the latest in the cutting edge of helmet technology. Compatible with SPIN SL bar.

$800

POC - Skull Dura Comp SPIN FIS Helmet
Rotational impact protection system SPIN (Shearing Pad Impact Protection) is the latest in helmet safety. SPIN allows pads inside helmet to shear in any direction during impact. Compatible with SPIN breakaway SL bar.

$400

POC - Super Skull SPIN FIS Helmet
Combine super light weight Carbon fiber shell with the POC SPIN technology and you have the latest in the cutting edge of helmet technology. Compatible with SPIN SL bar.

$800

POC - Skull Dura Comp SPIN FIS Helmet
Rotational impact protection system SPIN (Shearing Pad Impact Protection) is the latest in helmet safety. SPIN allows pads inside helmet to shear in any direction during impact. Compatible with SPIN breakaway SL bar.

$400

POC - Skull Dura X SPIN FIS Helmet
Most popular POC FIS helmet features SPIN technology in an economical FIS helmet. Race Lock adjustable fit. Compatible with the POC Maxilla Breakaway chin guard. Choose from six colors.

$250

POC - Arctic SPIN SL Helmet
High tech SL helmet with SPIN technology to reduce impacts to head a fall or gate hits. Comes with the Mozilla SPIN breakaway SL bar. Four color choices.

$250

POC - Opsin Clarity
Cylindrical double Grey lens in a Medium to Large frame.

$100

POC - Maxilla SL Bar
Four choices depending on the helmet model.

$60
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. SL bar compatible.
Black or Dusk Flash .................................. $280

SHRED - Basher FIS Helmet
Rotational Energy system and an impact recovery liner. SL bar compatible.
Black or Navy ........................................ $250

SHRED - Totality NoShock SL Helmet
Rotational Energy system and an impact recovery liner. Add full ear SL guard.
Black or Navy ........................................ $160

SHRED Race Goggle - Amazify
Cylindrical double lens goggle with both a mirror and clear lens. Med/Large frame.
Black, White or Navy/Rust ....................... $160

SHRED Race Goggle - Simplify
Distortion free carved cylindrical lens in a Med/Large. Mirrored and Clear lens included.
Four color choices. Black, White, Grey or Navy/Rust
$200

SHRED Race Goggle - Smartify
Spherical double lens goggle in choice of three frame colors. Small/Medium frame.
Black, White or Navy/Rust ....................... $160

Goggle Case
Goggles get trashed in a bag unless protected by a case.
$15

SL Guard
Basher ........................................ $30
Soft Ear ........................................... $40

26 RACE PLACE  www.the-raceplace.com  1-800-814-RACE (7223)
Briko - USA SL Helmet
Briko SL helmet with US Ski Team logos.
$200

Briko - USA Lava Goggle
Color scheme to show support for the US Ski Team. Cylindrical double lens.
Large comes with an extra low light lens.
Small .......... $135  Large .............. $170

Briko - Night Goggle
Clear cylindrical double lens for best vision under the lighted slopes. Two sizes.
Small .......... $100  Large .............. $130

Briko - USA Vulcano FIS Helmet
Supporting the US Ski Team with special graphics on this Vulcano FIS helmet.
Junior ........ $160  Adult ............... $275

Briko - Vulcano FIS Helmet
Cutting edge of technology to manage rotational forces. Four colors.
Junior ........ $150  Adult ............... $250

Briko - USA SL Helmet
Polycarbonate/ABS shell to absorb gate impact. Chin guard included.
Choice of five colors ......................... $180

Briko - Lava 7.6 Goggle
Durable and flexible polycarbonate lens in a wide vision frame. Mirror lens plus a low light lens.
Choice of four colors ......................... $200

Briko - Vulcano SL Guard
High impact metal guard. Two sizes to fit any Vulcano helmet.
$56

Briko - Lava FIS Small Goggle
Cylindrical mirrored double lens in a frame size to fit a smaller face.
Choice of three colors ......................... $130

Briko - Kili 7.6 Goggle
Double spherical lens in wide vision frame. Mirrored lens for bright days. Plus an extra lens for low light conditions.
Black, White or Orange ..................... $160

Briko - Vulcano FIS Helmet
Supporting the US Ski Team with special graphics on this Vulcano FIS helmet.
Junior ........ $160  Adult ............... $275
# How to Find Helmet Size

Measure head circumference 1" above eyebrow around to largest point on back of head. Round up to larger size when measurement is between sizes.

<table>
<thead>
<tr>
<th>Inches</th>
<th>cm</th>
<th>Inches</th>
<th>cm</th>
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<td>22&quot;</td>
<td>56</td>
<td>24 3/8&quot;</td>
<td>62</td>
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<tr>
<td>22 3/8&quot;</td>
<td>57</td>
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**SWEET - Volata WC Carbon MIPS**
A no-compromise race helmet with a Carbon/Polymide shell for the best combination of elasticity and rigidity. Front and rear gate shields are molded in for extra protection from gate hits. MIPS system to protect from rotational forces.

$700

**SWEET - Clockwork World Cup Max**
Widest field of vision. Special contrast enhancing double lens technology. Extra clear lens for night skiing.

$260

**SWEET - Clockwork World Cup**
Lower volume for a closer fit with all the SWEET goggle technology. Extra clear lens for night skiing.

$260

**SWEET - Clockwork Max**
Wider field of vision with all the SWEET goggle technology.

$190

**SWEET - Clockwork**
Low volume for a closer fit with all SWEET goggle technology.

$190

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**HEAD Team SL Helmet**
ABS shell w/MIPS technology includes a tool-free adjustable SL bar.

$190

**HEAD Downforce MIPS FIS Helmet**
MIPS technology in an ABS FIS shell. SL bar compatible.

$250

**HEAD Chin Guard**
Compatible w/Head helmets.

$40
**Sweet Protection**

**SWEET - Volata MIPS TE FIS Helmet**  
Team Edition graphics. MIPS in an ABS Race shell with front and back impact shields  
$300

**SWEET - Trooper II SL Helmet**  
Same features as the Trooper II TE. Both helmets come complete with a lightweight SL bar.  
$330

**SWEET - Volata MIPS FIS**  
FIS helmet with MIPS, molded-in gate shields and removable ear pads in an ABS FIS race shell that is SL bar compatible.  
$280

**SWEET - Trooper II TE SL Helmet**  
Slalom specific with a thermoplastic laminated Carbon shell with soft ears. Front and back impact shields and MIPS. Complete with a light weight SL bar.  
$350

**SWEET - Clockwork Max TE**  
Team Edition is close to the face which gives the widest field of vision.  
$200

**SWEET - Goggle Hard Case**  
Perfect companion for your ski goggles to keep lenses scratch-free. Fits a pair of goggles and three lenses.  
$30
Swix NNT Alpine Tri-Pack
Boot storage in outer pockets, helmet & gear in center. Outside pockets for other essentials. 18”x16.5”x14” $120

Swix SW Alpine Tri-Pack
Boot storage in outer pockets, helmet & gear in center. Outside pockets for other essentials. 18”x16.5”x14” $120

Swix SW Wheeled Double Ski Bag
Adjusts from 180 to 215cm. Wheeled for easy transport. Fully padded tip to tail. $240

Swix Slope Back Pack
Fully padded with a lined pocket for sunglasses. Top load main compartment, large side pockets and a front pocket. 20.5” x 16” x 12.5”..........$130

Swix Coaches Radio Vest
Coach vest w/multiple pockets for radio, pencil, thermometers, cell phone or whatever else coaches carry. $40

Swix Base Protector
Heavy-duty padded fabric w/tip pockets and Velcro straps. Short - Med.- Long $42

Swix Double Ski Bag
Durable bag holds two pair of skis up to 215cm and poles. Padded tip to tail. $140

Swix Clooney Tri-Packs
Boot storage in outer pockets, helmet & gear in center. Outside pockets for other essentials. 18”x16.5”x14” $95

Swix Slope Back Pack
Fully padded with a lined pocket for sunglasses. Top load main compartment, large side pockets and a front pocket. 20.5” x 16” x 12.5”..........$130

Swix Coaches Radio Vest
Coach vest w/multiple pockets for radio, pencil, thermometers, cell phone or whatever else coaches carry. $40

Swix SW Wheeled Double Ski Bag
Adjusts from 180 to 215cm. Wheeled for easy transport. Fully padded tip to tail. $240

Swix Base Protector
Heavy-duty padded fabric w/tip pockets and Velcro straps. Short - Med.- Long $42

Swix Double Ski Bag
Durable bag holds two pair of skis up to 215cm and poles. Padded tip to tail. $140
Fischer Race Back Pack
Large main compartment with zippered front helmet compartment.
Medium 6” x 14” x 10” 40 liter............. $120
Large 23.5” x 14” x 10” 55 liter........... $145

Fischer Double Wheeled Ski Bag
Durable polyester material with in-line wheels. Holds two pair of skis to 195cm. Compression straps to secure the bag around the skis and a carrying strap. $145

Atomic RS 50L Back Pack
Durable rip-stop water repellent. Main compartment large enough for boots, helmet or accessories.
23”L x 15”W x 10”D.......................... $100

Atomic RS 90L Back Pack
Big Daddy of backpacks. Huge main compartment. Front pocket and two external side pockets.
27.5”L x 18.5”W x 15”D.....................$140

Atomic RS Wheeled Double Ski Bag
Rip-stop material with in-line wheels. Holds two pair of skis to 210cm. Compression straps to secure the bag around skis. $200
Rossignol Hero Athletes Back Pack
28" x 19" x 16" .......................$160

Rossignol Hero Boot Pro Pack
Internal helmet pouch, external boot holsters and multiple pockets.
23" x 17" x 12" .......................$160

Rossignol Heated Boot Bag
Dual voltage to warm boots at home or plug into 12v auto. Three heat settings.
18" x 16" x 12" .......................$260

Rossignol Hero Wheeled Ski Bag
Holds 2-3 pair of skis up to 210 cm with internal straps to secure skis.
$250

Rossignol Hero Double Ski Bag
Carry 2-3 pair of skis up to 210 cm in this rugged bag. External compression straps.
$100

Head Rebels Racing Back Pack
Divided large main compartment for boots and helmet. Two roomy side pockets for extra storage.
Two sizes: .50 liter 17" x 23" x 13" .......................$150
.90 liter 21" x 25.5" x 14" .......................$170

Head Double Wheeled Ski Bag
Wheeled bag holds two pair of skis up to 203cm and extra room for poles. Two compression straps.
$170
Lange Racer Back Pack
Massive main compartment with helmet pouch and other gear. Two internal zippered side pockets for boots.
95 liter  28” x 19” x 11” .................. $160

Lange Boot Back Pack
Boot and gear back pack with main compartment for boots. Three external pockets. Top handle and shoulder straps.
20.5” x W 20” x D11” ................... $80

Lange Heated Boot Bag
Dual voltage to warm boots at home or plug into 12v auto. Internal compartments for helmet, goggles, etc
18” x 16” x 14” ......................... $260

Nordica Athlete Gear Back Pack
Top load main compartment. Front zippered pocket and two side pockets. Removable Stay Dry Foot Pad to stand on while changing boots.
14” x 15” x 26” ......................... $100

LEKI Ski Boot Back Pack
Two zippered side pockets and a front zippered pocket. Top zippered helmet compartment and a large zippered main compartment. 85 liter.
24” x 16” x 14” ...................... $120
Cat Tracks
Prevent boot sole wear that can be a detriment to binding safety. Worn soles also adversely affects ski performance by changing your alignment and canting. Cat tracks also give you a better grip in icy parking lots.
Sizes: Junior (2-5), Small (6-8), Large (8+) ......................... $20

Booster Straps
Firm elastic to replace your Velcro power strap allowing the boot tongue to be held closer to leg for faster ski response. Racers have gotten results several seconds faster.
Junior (up to 150 lbs. and boots under 5) ...................... $29
Standard/Intermediate (150 lbs+) .............................. $42
Expert/Racer (150 lbs+) ............................................ $46
World Cup (180 lbs.) ................................................ $50

Ski ties are a necessity to protect your skis for any travel. Ties go between ski bases and are long enough to wrap around skis and secure with velcro.
Recommend ties at tips and tails and also around midbody for secure package.

Race Place/BEAST
Red, Black or Yellow .................... $3

Swix
Reg (to 120mm) .................. $3.50
X-long (to 130mm) ............. $3.50

Toko
Yellow .................................. $3

Dermatone
Medicated lip balm supplies soothing relief to chapped, dry lips while protecting them from further damage with an SPF 23 protection rating.
Made in USA .................. $2.95

Slide On Boot Spray
Spray a small amount in the liner to ease the process of getting your foot in the boot. Colorless dry anti-friction layer. $13
**BOOT DRYERS**

**Dry Guy Force Dry**
Dries boots or gloves and folds for easy travel. Quiet fan blows gently heated air. $50

**Dry Guy Force Dry DX**
Gently dries 2 pr. of boots or gloves with air coming out of nozzle at 105° F. $80

**Dry Guy Simple Dry**
Dries in complete silence as thermal convection air moves through tubes. $40

**Dry Guy Dry Rack**
Silent radiant heat system dries 4 boots. Mount on wall, floor or freestanding. $60

**Dry Guy Travel Dry DX**
Fan in toe to circulate heated air. Works on 12v or 110v. Packs for easy travel. $40

**Boot Glove**
Add up to +20° F to your boot toe by conserving heat loss. This neoprene cover is a great insulator.
Sizes:
- S (17.5-23) ..................... $30
- M (23.5-27.5)
- L (27-31.5)
**Edge Tuning**

Base edge beveling is lifting 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 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° to 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. Dull edges will not grip the snow and allow ski to bend into a turning arc causing skidded turns. If skis are hooky you may increase base edge bevel in tip or check your boot canting alignment.

**DO NOT DULL or "DETUNE"**

All sharpening must be done on side edges. Additional filing on base edge after initial bevel set-up will raise the edge farther off the snow.

**Base Edge Initial Bevel Set Up**

Ski must be stone ground flat. Put ski in vise with base up and use Base BEAST and 8” mill file. Begin on far edge with extended arms and pull file toward you with 8”-12” strokes. Rotate ski 180° in vise for other edge. Beginning tuners should darken edge with felt tip pen and file until entire edge is shiny.

**Edge Profiles**

- **FLAT SKI**
- **90° SIDE/BASE EDGE BEVEL**
- **BASE EDGE BEVEL**
- **ACUTE EDGE ANGLE**

Sidewall Planing

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

Plane BEAST works with a coarse file held at a 7° angle that reaches over the edge and cleans off unneeded sidewall.

**Side Edge Tuning**

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

Sharpen with 8” mill file in Side of BEAST until edge is very sharp. Check sharpness by dragging your fingernail across edge until some material is scraped from fingernail.

Polish with a medium diamond stone to remove striations left on edge with file. Following with finer stones will give a longer lasting edge.

Lubricating your stones with BEAST Juice will prevent clogging and give them longer life.

**Deburring**

Lightly run gummi stone along edge at 45° to remove burrs after any filing or polishing procedures.

**DO NOT DULL or "DETUNE"!**

**Your 1-2-3 Daily Tune**

1. Check for burrs on edges by running finger along full edge. Remove any burrs with diamond.

2. Check sharpness by dragging fingernail across edge. If some fingernail is removed you are okay. If edge is dull go to side edge tuning procedure.

3. Finish daily tuning with hot waxing and head for the slopes. Simple!
Regular use of wax allows you to glide and turn easily and protects your base. Wax in a ski base is as important as oil in your auto engine. Bases soak up wax like a sponge. Gliding over snow slowly releases wax to give a lubricating layer between your base and 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. Clean base by scraping with a plexi scraper to remove old wax or dirt from the surface. (Use base cleaners sparingly as they "dry out" and deteriorate the base material.)

1. CLEAN BASE

Use brass or bronze brush aggressively from tip to tail to further clean the base and remove oxidized base material. Follow with fiber pad to remove any "base burn fuzz" caused by abrasive snow.

2. IRON WAX INTO SKI BASE

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 wax bar on iron allowing melted wax to drip on base. Set heat so wax flows easily, but don't "smoke" the wax. Iron base for a minute or two to spread and penetrate wax into base.

3. SCRAPE EXCESS COOL WAX OFF

Cool wax to room temp. Scrape off excess with plexi scraper leaving thin layer on base. Excess wax inhibits base from gliding easy and fills the "structure" channels in the base.

4. BRUSH AND POLISH FOR MAXIMUM GLIDE

Brush the wax out of the structure channels with a nylon or soft bronze brush. Finish by polishing with a non-abrasive fiber pad.

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. Final step is to brush surface wax out of structure with nylon, horsehair or bronze brush to clear moisture channels and break suction and enhance glide. Final cleaning of base with fine fiber pad removes any excess wax and polishes base for max glide.

Wax Types
Hydrocarbon
Hydrocarbon is the basic bar wax for skis and boards. Melt into base as an excellent lubricant for most snow conditions. It's inexpensive and used at all levels of skiing from beginner to top levels of racing.

Fluorocarbon
Fluorocarbon blends have been used to better repel moisture, but some fluoro's have been classified as pollutants. However, there are several classes of fluoro and any sold by Race Place have been approved by the Environmental Protection Agency.

Wax Colors
Dye is added to designate hardness of wax. Soft waxes are a better lubricant for wet and warm snow. Hard waxes lubricate and protect your base better in cold or abrasive snow.

A New Breed of Wax!
Traditional waxes have been made to perform in a fairly narrow range of temperatures. This works great if you hit the wax right, but in reality most racers don't have the resources and experience to make the right wax call.

BEAST Waxes have been formulated to perform in a broad temperature range to eliminate the guesswork of waxing. Thermoactive ingredients have been added to automatically adjust the wax hardness to match the temperature. Top performance over a broad spectrum of snow conditions. You always have the right wax call!
**Race Ski Prep**

**Sidewall Planing**

The first task is to plane the sidewalls so the edges are exposed for side edge work. Techs for top level racers will spend a fair amount of time shaping and polishing sidewalls, because those athletes are skiing with such extreme angles that the sidewalls are actually a running surface.

**Base Flatness**

Flat bases are necessary for top performance. Concave bases are overly grippy and convex will tend to wander. Check flatness with true bar sighting along base with background light and note irregularities to determine if skis should be stone ground to flat. Some extremely concave skis may not be practical to grind totally flat, but should at least be flat on the outer 1/3 of the base.

Check base edge bevel and if it's excessive the skis must be flattened by stone grinding.

**Structure**

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

A stone grind to flatten base will remove most of the structure and you must choose the most appropriate structure for the re-grind. Factors to consider are the discipline and most typical snow and weather conditions for your region. Check the Race Place Speed Grinding Service for more info.

**Edge Bevels**

Set base and side bevels after grinding following procedures listed in previous pages with emphasis on progression of finer stones for ultimate race polish.

**Base Prep**

For best results on race skis you must follow a procedure to cleanse the base and break-in the structure. It's labor intensive but necessary for podium results. Here is a basic format used by top techs although each tech may have subtle variations.

1- Cleanse ski by ironing soft Base Prep wax into base and scraping with acrylic scraper while wax is warm or liquid. Repeat several times to remove impurities such as grinding residue and fluid.

2- Iron in Base Prep wax, cool until wax is hardened, lightly scrape and then brush aggressively with BEAST Stainless 3-4 times tip to tail. Follow with several passes of a coarse fiberpad backed with a file to create even pressure across the base.

3- Clean 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.

4- Graphite Base Prep wax may be used in Step 2 or as separate ingredient in Step 3. Graphite is an anti-static and an excellent lubricant against abrasiveness.

5- Clean base with Fiberlene, iron-in hydrocarbon training wax, cool, scrape and brush with BEAST Soft Bronze/HH. Finish with BEAST Horsehair and polish with non-abrasive fiberpad and fiberlene. Take multiple runs on the mountain to further the break-in of your skis until they reach top speed.

Fast skis require care on a year-round basis. We recommend you replenish wax at least monthly to prevent oxidizing of the base after initial preparation. Scrape off "storage" wax, brush with BEAST Stiff Bronze/HH and Horsehair followed by fiberlene. Iron in soft-mid hydrocarbon wax for continued storage.

After any race or training day the skis should always be brushed out, cleaned by hot scraping and apply a fresh storage wax.

---

**What is Structure?**

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

**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.

**Why is Structure Important?**

The structure minimizes the friction between the base and snow and breaks suction in high moisture content snow.
Race Place offers Hot Boxing and other Race Ski Prep services. Check our web site at www.the-raceplace.com and click on TUNING SERVICES for more information.
Base BEAST started in 1995 and now BEAST tools are favored by home tuners, top techs and World Cup athletes.

– We build tools, not toys –

Undistorted Precision
Angle plate is positioned above file so file is pushed into angle plate as you press down on edge. A file held by hand or spring clamp on top of an angle bar is less accurate because file is pushed away from the angle bar creating distortion.

“Best clamp in the business”
Files or stones are securely held with clamp actuated by single large knob vs. spring clamps or undersized clamps with small knobs that tend to allow file to slip.

Versatile
- Use virtually any size file or stone with angle from 1° - 4°.

Ejection Slot
- Ejection slot clears filings away from base.
- Stainless steel glide plate insures base structure will not be damaged.

Durable
- Anodized aluminum main frame and stainless steel glide plate

Safety
- Ergonomic design positions hand away from sharp ski edge
- Secure clamp prevents slippage of files or stones

Side of BEAST
Durable anodized aluminum frame for precision with stainless plate for smooth gliding on base. Choice of angle plate with option of additional angles.

With 1° angle plate ...................................................... $69
With 2° angle plate ...................................................... $69
With 3° angle plate ...................................................... $69
With 4° angle plate - Metal ........................................... $79

Additional Angle Plates
1°, 2° or 3° plates ....................................................... $12
4° Metal Angle Plate .................................................. $20
7° Metal Angle Plate for Sidewall Planing ....................... $20
Pocket **BEAST**

**Pocket BEAST**

Designed as a compact 4” long tool to easily carry in your pocket or pack so you can put a quick “buzz” on side edges between race runs. Also may be used as your main shop side edger as it is vastly superior to the simple angle bar and spring clamp both in terms of accuracy and ease of use. Stainless steel glide plate for clean easy gliding on the base structure. Powerful clamp will securely hold virtually any file or stone from 70mm up to 8” mill file. Files and stones not included.

Choice of 1°, 2°, 3°, or 4° ............................. $49

Pocket BEAST main frames are color coded to designate degree of angle.

1° Black  
2° Gold  
3° Red  
4° Blue

**General Bevel Recommendations**

<table>
<thead>
<tr>
<th>Average Recreational Skier &amp; U8-U10</th>
<th>Hard Snow</th>
<th>Soft Snow</th>
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<tbody>
<tr>
<td>Base Edge Bevel</td>
<td>1°</td>
<td>1°</td>
</tr>
<tr>
<td>Side Edge Bevel</td>
<td>1° - 3°</td>
<td>1°</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Advanced Recreation &amp; U12-U14</th>
<th>Hard Snow</th>
<th>Soft Snow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Edge Bevel</td>
<td>.5° - 1°</td>
<td>1°</td>
</tr>
<tr>
<td>Side Edge Bevel</td>
<td>2° - 3°</td>
<td>1° - 2°</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Junior Racer U16-U19</th>
<th>SL</th>
<th>GS</th>
<th>SG</th>
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<tbody>
<tr>
<td>Base Edge Bevel</td>
<td>.5° - 1°</td>
<td>1°</td>
<td></td>
</tr>
<tr>
<td>Side Edge Bevel</td>
<td>2° - 3°</td>
<td>2° - 3°</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Level Elite Racer</th>
<th>SL</th>
<th>GS</th>
<th>SG &amp; DH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Edge Bevel</td>
<td>0° - .5°</td>
<td>0° - .5°</td>
<td>.5° - 1°</td>
</tr>
<tr>
<td>Side Edge Bevel</td>
<td>3° - 4°</td>
<td>3° - 4°</td>
<td>3°</td>
</tr>
</tbody>
</table>

Bevels are variable depending on the snow hardness, strength and skill of athlete and speed. High level SL or GS is usually on ice and wants the base edge to be in immediate contact and the side edge to penetrate for better grip. Less experienced athletes may find extreme edge angles to hook up too quick and the edge penetrate too far and the combination can cause erratic performance.

---

**Side of BEAST Planer**

Take an iconic Side of BEAST and install the new 7° planer plate and you now have a great sidewall planer. Use with 70mm, 4” or any longer Pansar file for sidewall planing.

Convert to a side edging mode by using a 1°, 2°, 3° or 4° angle plate and you now have both a side edger and a sidewall planer all in one versatile tool!  

$79
"The #1 Base Edge Beveler in the World"

Base BEAST

Precision Stainless Steel Elevation Bar
Precision accuracy of stainless steel and easy gliding on base structure.

Swivel Elevation Bar Design
Elevation bar swivels to always lie flat on base for maximum accuracy and to prevent any possible base damage from edge of bar digging into base.

Polycarbonate Main Frame
Durable rigid polycarbonate for long life, but soft enough so no need for separate inserts to prevent edge damage.

Ergonomic Design
Angled arms for efficient cutting angle, finger rest on side and tongue under file for easy comfortable grip.

"Original" patented design with over 50,000 in use by techs around the world. Stainless elevation bar tilts file or stone at precise angle for easy set-up and maintenance of base edges. Best with an 8” mill file and a 4” polishing stone.
Choose .5”, .75”, 1”, 1.5” or 2” ......................... $20

Why Base BEAST is #1
Polycarbonate used in the Base BEAST is one of the toughest and most stable materials available and is used in many high tech applications including "bulletproof shields". Base BEAST features a polycarbonate main frame combined with a precision stainless steel elevation bar.

The accuracy of any base edge beveler is determined by the thickness of the elevation bar and its distance from the ski edge. Base BEAST’s patented design established this method of beveling 25 years ago at an affordable cost. Copies of the Base BEAST have driven up the cost of their base edge bevelers by using a metal main frame requiring costly machining and then having to protect the ski edge by adding separate Delrin inserts that are subject to extreme wear and require frequent replacement.
Base BEAST insures utmost accuracy in an economical design and is the #1 selling base edge beveler in the World.

Edge Beveling Tips
1 Don't sharpen edge from bottom as you will remove too much base material near edge so ski will become base high and cause instability of the ski.
2 Use felt tip pen to darken edge before initial base edge beveling with file and remove only enough material until edge is shiny. Don't file into base material.
3 Polish edge with diamond stone to remove striations left by file. A few minutes polishing will make an incredible difference in performance.
**Plane BEAST**

Skis have plastic or aluminum sidewall material reinforcing the edge, but this sidewall prevents the file or stone from getting a good bite into the metal edge while tuning.

Plane BEAST smoothly removes sidewall with a pansar file section that trims material at a 7° angle just above edge to expose edge to allow a clean cut with tuning file or stone.

Complete with mainframe, clamp and file. .......................$49

**Spare File**

$16

**Side of BEAST Planer**

Take an iconic Side of BEAST and install the new 7° planer plate and you have a great sidewall planer. Use with 70mm, 4” or any longer Pansar file for sidewall planing.

Convert to a side edging mode by using a 1°, 2°, 3° or 4° angle plate and you now have both a side edger and a sidewall planer all in one versatile tool!

Sidewall Planer .............................................$79
70mm Pansar ..............................................$16
4” Pansar .....................................................$16

**Swix Economy Sidewall Planer**

Simple, yet effective tool for removing sidewall material to expose more of the ski edge. Round cutting blade adjusts horizontally and vertically for precise removal of material.

Sidewall Planer .............................................$40

**Swix Racer Sidewall Planer**

Sidewall cutter adjusts for thickness of edge and depth of cut. Comes with round and square blade so you can plane to desired shape.

Sidewall Planer .............................................$80
Spare Blade - Round ....................................$25
Spare Blade - Square ....................................$25

**Swix World Cup Sidewall Planer**

Machined aluminum for World Cup precision and durability and a sealed roller bearing for smooth action. Adjustable blade height and depth. Comes with round carbide blade.

$150

**True BEAST**

Precision "knife edge" true bar for checking flatness of a ski base. Wear and tear of skiing causes uneven wear on base and edge creating instability. Regular checking for flatness insures top performance. Hold ski up to light source with True BEAST across base and sight along length of ski to see if light shows through indicating either a concave or convex base condition. Gently pull True BEAST along entire ski length.

Size: 6” (150mm) ..........................$30
Jaws of The BEAST

Several thousand of our 3-point design are used on the race circuits. Most skis are a thin profile preventing a vise from gripping the sidewalls so we designed Jaws to grip either the sides of the binding plate or the AFD platform. Jaws opens to 95mm which is more than sufficient to grip the plates that are normally no wider than 60mm. Deep end support slots stabilize ski for side edge tuning. Durable and light weight for easy travel in tool box. Clamps included. $119

Waste Bag Holder

Metal hoop clamps on edge of work bench and holds a trash bag so you can keep bench clean of filings or wax scrapings. $45

Bench of The BEAST

This is a high quality bench that holds up to the toughest usage. Eric’s bench has been to Chile, Europe, New Zealand, Japan and Canada multiple times and the airlines haven’t been able to destroy it. A record the cheap Chinese imports can’t touch. Folding work table used as traveling bench for the serious racer or the tuner who doesn’t have a built-in bench at home. Heavy gauge powder coated steel with Formica covered 16’ x 48’ wood top insert. Plenty of space to clamp vises with extra room for tools and waxes. Extremely stable for serious tuning. $299

Brake Retainers

Great way to hold your brakes out of the way while you tune!

BEAST Brake Bands (8 pack) ................. $3
SKS Rubber Band w/Hook (pair) .......... $7
Alpine Ski Rack for Bench
Attach to workbench for ski storage while working on multiple pairs of skis. Fits 3 pair of alpine skis.
$170

Swix Travel Bench
Not as sturdy or durable as the BEAST Bench for everyday tuning, but it’s lightweight for bringing to the start. Legs fold up for easy travel. Top surface is 14” x 47” painted fiberboard. $139

Bag for Swix Travel Bench
Protects bench for traveling. $60

Swix Economy Large Bench
Larger and more stable than the Swix Travel bench, but not as long or heavy as the BEAST Bench. Legs fold up and one leg is adjustable. Top surface is 18” x 38” painted fiberboard. $199

Bag for Swix Economy Bench
Protects bench for traveling. $90

Toko World Cup Vise
Three piece vise with jaw opening of 40-85mm. Integrated clamp. $150

Swix World Cup Vise
Three piece vise with jaw opening of 40-85mm. Integrated clamp. Red. $150

Swix Universal Adaptor
Clamps on end supports to make a Swix or Toko vise suitable for snowboards, super wide skis or x-country skis. $45

BEAST Wax System
Top Performance & Easy as 1 - 2 - 3
Details on pages 54-55

Floor Rack
Free-standing rack is a great addition to any tuning room set-up. No more major avalanche of skis falling. Easy to take apart for travel. 5 pr. skis up to 116mm wide.................... $90

1-800-814-RACE (7223) www.the-raceplace.com RACE PLACE 45
Keeping edges sharp and free from nicks and burrs will enhance your enjoyment on the slopes. Kit includes everything needed to maintain sharp edges.

Choice of 1°, 2° or 3° Pocket BEAST
Pocket BEAST ................................. $49
BEAST 8” Med. Mill File .............. $15
BEAST Med. Diamond Stone ......... $39
BEAST Gummi Stone ................... $10
Total Value ................................. $113

Tune Kit Price ............. $100
Add Jaws of the BEAST vise for only an additional $105

Maintain skis in top condition with base lubrication. This kit is all you need for everyday performance. You may always add special wax for specific race conditions.

BEAST “1” Everyday Wax 400g ...... $55
BEAST Brass Brush ................. $26
BEAST Nylon Brush ............... $24
BEAST 4mm Scraper ............... $7
BEAST Coarse Fiberpads ......... $5
BEAST Fine Fiberpads ............ $5
BEAST Brake Bands ............... $3
Race Place Ski Ties (3) ........... $9
Total Value ................................. $134

Wax Kit Price .............. $100
Add Jaws of the BEAST vise for only an additional $105

Our most popular tune kit. All the components of the Basic Tune Kit, but upgrades to Side of BEAST and adds Plane BEAST sidewall planer and BEAST Juice.

Choice of 1°, 2° or 3° Side of BEAST
Side of BEAST ............................. $69
Base BEAST ................................. $20
Plane BEAST ............................... $49
BEAST 8” Med. Mill File .............. $15
BEAST Medium Diamond Stone .... $39
BEAST Juice ............................... $10
BEAST Gummi Stone ................. $10
Total Value ................................. $212

Pro Tune Kit Price ...... $190
Add Jaws of the BEAST vise for only an additional $105

Our BEST Deal!
All the gear serious tuners need. This kit is for the person who demands the finest and appreciates top performance from their skis.

Side of BEAST 1° .......................... $69
SOB Angle Plate 2° ...................... $12
SOB Angle Plate 3° ...................... $12
Base BEAST ............................... $20
Base BEAST 5° .............................. $20
Plane BEAST .............................. $49
True BEAST ............................... $30
BEAST 8” Med. Mill File .............. $15
BEAST Prem. Diam. - Coarse ........ $39
BEAST Prem. Diam. - Medium ...... $39
BEAST Prem. Diam. - Fine .......... $39
BEAST Prem. Diam. - X-Fine ...... $39
BEAST Juice ............................... $10
BEAST Gummi Stone ................. $10
BEAST Brake Bands ................. $3
File Brush ................................. $10
BEAST Race Brush – Brz/HH ....... $49
BEAST Race Brush – Nylon ......... $45
BEAST Race Brush – Horsehair .... $45
BEAST Fiberpads - Coarse ......... $5
BEAST Fiberpads - Medium ......... $5
BEAST Fiberpads - Fine ............ $5
BEAST Wax Scraper .................... $7
Race Place Ski Ties (3) ............. $9
BEAST Tuning Box ..................... $30
Jaws of the BEAST Vise ............ $119
Total Value ............................... $735

Elite Tune Kit Price ...... $599

BEAST Tuning Box
Carry all your tuning gear in this large 20”x11”x 9” tuning box. Room for vise, iron, brushes, files, stones, edgers and a separate tray for your waxes.
**BEAST FILES**

*BEAST files are noted for fast cutting and long life.*

**Mill Cut**

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

- **BEAST 6” Fine** - 16mm wide ......................... $11
- **BEAST 8” Fine** - 20mm wide .......................... $15
- **BEAST 8” Medium** - 20mm wide ..................... $15

**Short File Sections**

Short file sections for use in Side of BEAST or Pocket BEAST.

- **BEAST 70mm Mill** - Medium ......................... $14
- **BEAST 70mm Pansar** - Coarse ..................... $14
- **BEAST 4” Pansar** - Coarse .......................... $16

**File Card Brush**

Steel bristles on one side and nylon on the other side makes this a necessity for cleaning debris out of the teeth of your files for smoother cutting. $10

**SWIX FILES**

These new files by Swix are absolutely the finest available for ski tuning. The cost may seem high, but discriminating techs find the cutting action to be superior to any other files. Five tooth configurations for different tasks from initial set-up to fine finishing.

- **6” Finishing Cut**
  Finest tooth pattern for final filing before edge polishing. $25
- **8” Medium Cut**
  Premium all-around file for everyday edge maintenance. $25
- **8” Coarse Cut**
  Coarse cut primarily used for initial side edge set-up. $25
- **8” Mill w/Tang**
  Traditional mill file for initial edge set-up.
  - Medium/Coarse 12tpcm .......................... $19
  - Medium 14tpcm ................................ $19
- **4” World Cup Stainless Steel**
  Last 10 times longer than traditional files.
  - Medium 13tpcm ........................ $89
  - Fine 17tpcm ................................. $89
POLOSING STONES

Boride Polishing Stones
Professional polishing stones for a smooth and fast finish on racing ski edges. Most techs prefer to lubricate with BEAST Juice. 1/8" x 1" x 6" size works well in Base BEAST and Side of BEAST.
Available in: 220, 320, 400 or 600 grit $10

Complete set of four Boride Stones
Special Price! $35

Ceramic Stones
Ceramic can give one of the most polished final edge finishes. Recommended to use with BEAST edge tools and BEAST Juice for most accuracy and finest polish.
1" x 5" stone available in two grits.

Fine-1200 grit $20
Medium-600 grit $20

BEAST Gummi Stone
Abrasive silicone carbide particles are embedded in hard rubber. An essential tool for de-burring of edges after filing or polishing. Lightly run down edge at 45° angle to remove the minor burr. $10

DIAMOND STONES

Moonflex Diamond Stones
A unique swirl pattern of diamonds allow these stones to cut and polish in the same stroke. World Cup techs discovered Moonflex several years ago. 4" length in five grits.

Blue - X-Fine 1500 grit ................. $35
White - Fine 600 grit ..................... $35
Yellow - Medium 400 grit ............... $35
Red - Coarse 200 grit ................... $35
Black - X-Coarse 100 grit ................ $35

Swix Diamond Stones
Diamond stone pattern gives excellent cutting and polishing ability. Offered in a 4" length in five grits.

TAA1000 - X-Fine 1000 grit .................. $37
TAA6000 - Fine 600 grit .................. $37
TAA4000 - Medium 400 grit ............... $37
TAA2000 - Coarse 200 grit ............... $37
TAA1000 - X-Coarse 100 grit ............. $37
Diamond stones are the most important abrasive device in your tool box. Use coarse ones for removal of burrs and initial polishing and a progression of finer stones for final edge polishing. Use wet with BEAST Juice to reduce clogging and increase stone longevity.

**BEAST Premium Diamond Stones**

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. Four grits to cover all of your polishing needs. 1" x 4".

- **Premium industrial grade diamonds**
- **Rigid metal backing for more precision**
- **Anti-clogging design**
- **Excellent durability**
- **Four grits**

Silver - X-Fine 800 grit..............................$39  
Gold - Fine 400 grit.................................$39  
Red - Medium 220 grit..............................$39  
Black - Coarse 120 grit.............................$39

**Set of four BEAST Premium Diamond Stones**

Get all the stones needed for race tuning your edges. Using a progression of grits from coarse to x-fine will absolutely improve the performance of your skis.

**Save when purchasing all four grits!**

Special Price! ..................... $130

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**BEAST "Juice"**

Lubricant developed for use with diamond and other polishing stones. Reduces clogging of stones and increases cutting and polishing action. Simply spray the water soluble BEAST Juice on the stone. Compatible with ski bases and waxes.

Two ounce spray bottle. .......$10  
Eight ounce spray bottle ......$19

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**Polishing Tips**

1 - Polishing procedures are best done using diamond stones in bevel and edging tools such as Base BEAST and Side of BEAST. Always polish both base and side edges.

2 - Initial polishing with coarse stone is necessary to remove striations in edge as a result of filing. Use a progression of finer stones in subsequent passes.

3 - Keep stones clean. BEAST Juice sprayed on stones reduces clogging of the stone and increases cutting and polishing performance of the stone.

---

**DMT Diamond Stones**

The original ski tuning diamond has been in every techs tuning box for burr removal and polishing edges. 70mm or 4" sizes.

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

- 70mm ..................................$12  
- 4" .......................................$24
A. Control Handle
Handle with protective shield and shaft. $70

B. Brass
Cleaning structure. Follow with fiberpad. $99

C. Stiff Horsehair
Brushing out harder waxes. $59

D. Black Nylon
Brushing out softer waxes. $59

E. Grey Nylon
Final polishing of wax or fluoro overlays. $59

F. Cork Roller
Generates heat to "lock in" your speed overlays. $55

Red Creek/Toko has the complete roto-brush system. A brush for every purpose.

BEAST Brass
Clean base structure before waxing and remove any possible oxidation to allow wax to penetrate. 3" x 5" $26

BEAST Nylon
All-time standard for structuring most wax. 3" x 5" $24

BEAST Horsehair
Final polishing of wax including fluorocarbons. 3" x 5" $24

Set of all three .............. $65

BEAST
Made in USA

Steel-T01790
Break-in brush or hard wax removal. $69

Coarse Bronze-T01580
Pre-wax base clean or hard wax removal. $55

Medium Bronze-T01620
General hard–medium wax removal. $55

Horsehair-T01570
Anti–static final wax brushing. $45

White Nylon-T01610
Soft–medium wax removal. $45

Blue Nylon-T01600
General final polishing. $45

BEAST
Made in USA

STEEL–T01790
Break-in brush or hard wax removal. $69

COARSE BRONZE–T01580
Pre-wax base clean or hard wax removal. $55

MEDIUM BRONZE–T01620
General hard–medium wax removal. $55

HORSEHAIR–T01570
Anti–static final wax brushing. $45

WHITE NYLON–T01610
Soft–medium wax removal. $45

BLUE NYLON–T01600
General final polishing. $45

50 RACE PLACE  www.the-raceplace.com  1-800-814-RACE (7223)
What does brushing accomplish?

1 - Stainless steel or the Stiff Bronze assists in "breaking in" the structure pattern by mellowing out the sharpness of a grind and etching a micro-structure in the base. They also are helpful to remove oxidized or sealed base material and opening the pores so the base will accept and retain more wax.

2 - Soft bronze, nylon or horsehair removes excess wax from the structure pattern to maximize gliding.
Swix North
Compact design for ease of travel. 800 watts with a temp range of 100°C to 150°C. $45

Swix T-77
Economically priced iron with ergonomic handle and temperature adjustment wheel. Thick bottom heat plate for more consistent temperature control. $55

Swix T-73 Digital
Thick 18mm plate for even heat distribution. Convenient adjustment wheel to set heat from 80°C to 180°C. $130

Swix T-72 Digital Racing
This is about as good as it gets in race performance wax irons. Precision microprocessor with digital temp regulation. Rear of the thick 12mm heat plate is angled up for ease in applying overlays. $339

Swix Iron Holder
Mounts on workbench to reduce risk of dropping iron on floor. $45

Toko T-8
800 watts of power with thermostat controlling heat from 212°-320° F. Thick heat plate with structure grooves for improved wax distribution. $69

Toko T-14 Digital
Added power at 1200 watts and precise digital micro-processor for absolute temp control. Structure grooves spread wax evenly. $139

Toko Iron Cover
Heat resistant padded bottom lets you stow warm iron and protects iron for travel. Fits all Toko irons. $29

Toko Iron Cover
Heat resistant padded bottom lets you stow warm iron and protects iron for travel. Fits all Swix irons. $29

Wax Iron Features
Many iron look alike and all give out heat, but there are many differences. Ski wax irons generally have a thicker heat plate to better retain the heat, more heating elements for even heat and a precise thermostat.
Cheap household irons don't retain heat well and quickly cool when in contact with a room temp ski base. They eventually heat up again, but will continue to have heat pulled out of them until the ski base sufficiently warms. A danger is that people turn up the heat and burn the base plus the thermostat has relatively wide fluctuations.
A few extra dollars for a ski wax iron is a small price when waxing $900 skis.
Scraper Sharpening Tips
Scraper sharpeners quickly return scraper to original sharpness. Serious tuners polish scraper edge to a fine finish with BEAST Paper. Lay sheet of 100-150 grit paper on bench and run scraper back and forth until smooth and sharp. A 90° angle bar like a Side of BEAST frame is ideal for this purpose as illustrated.

BEAST Wax Scraper
Super-hard acrylic scraper with a laser cut and hand-polished smooth edge. $7

Steel Scraper
Carbon steel for sharp edge. $10

Swix Scraper Sharpener
Mount on your workbench to sharpen plastic wax scrapers. Plastic frame holds pansar file section. Standard 40mm model or 100mm model for smoother sharpening.

- 40mm ................. $19
- 100mm ................. $40

Swix Electric Wax Scraper Sharpener
New from Swix for sharpening acrylic wax scrapers. Just a few passes over the internal rotating planer blade and the scraper edges are returned to original sharpness. $180

Digital Thermometer
Pocket size with digital reading in both °F and °C. Waterproof with protective case over stainless steel probe. Take several readings along length of course and digital memory displays high and low. $30

Swix EVO Pro Edge Tuner
Electrical side edge tuner for angles from 0° to 5° in 1° increments. Diamond discs available in X-Fine, Fine, Medium and Coarse grits for new angle set-up or edge polishing. One Fine disc is included.

- EVO with Fine disc ....................... $500
- Spare Disc – X-Fine ...................... $80
- Spare Disc – Fine ...................... $80
- Spare Disc – Medium .................. $80
- Spare Disc – Coarse ................... $80

MANTAC Electric Wax Scraper Sharpener
ULTIMATE for sharpening your acrylic wax scrapers. Extremely fast and precise. Ideal for the person or family that has multiple skis to wax and need lots of sharp scraper edges. Slowly run scraper through the slot and the sharp spinning cutting blade will restore the sharpness. $179

Toko Scaper Sharpener
A must for the serious tech! Durable ceramic blade with slots for thin or thick plexi scrapers. Quickly plane your scrapers to original sharpness. $37

Toko Thermometer
Pen size thermometer that reads in C° and F° with protective housing. $20
What is Fluoro?
Fluoro has been mainstream for over 60 years as an anti-stick coating to repel oil, water and dirt from sticking to clothing and cooking pots and pans. The most famous application is Teflon.

The ski industry recognized the anti-stick of fluoro’s in the 1980’s and how applying it to a ski base repelled snow moisture and friction to increase the speed of skis. Two fluoro classes were used in ski wax, but Environmental Protection Agency research found that the most common C8 fluoro class had a negative environmental effect and these fluoro wax products have been withdrawn from the market.

C6 class of fluoro was developed with similar anti-stick qualities, but without negative environmental effects. Ski wax with C6 technology is approved by the EPA and is used in fluorinated BEAST waxes.

New Fluoro Wax Regulation
Because of the possible negative environmental effects of some fluorocarbons, FIS was petitioned to ban the use of fluorocarbon waxes from ski racing competitions. In 2019 FIS made a decision to ban all fluoro waxes from FIS sanctioned competitions beginning with the 2020-21 season.

Without full research of how they could implement such a ban, it was discovered that there was no reasonable existing method of testing for fluoro on competitors' skis. A portable testing device was created, but in the trials there was too much discrepancy of results and it's back to the drawing board. FIS has now made the decision to delay implementation of the fluoro ban until the 2021-22 season.

The Actual Environmental Impact of Wax
Excerpts from Dr. Thanos Karydas, Technical Director of Dominator Wax
Research was conducted regarding the concentration of fluorination found in the snow at the start of the Vasaloppet, an iconic cross country skiing event in Sweden. The concentration reported was one ounce of fluoro spread by 10,000 skiers over 17 miles of a trail 35' wide. With that figure in a calculation, the amount of fluoro left on the mountains after 10 million skiers using fluoro on their ski bases is equivalent to the number of popcorn bags Americans throw into the trash every 15 minutes! Most microwave popcorn bags are treated with fluoro to prevent oils inside the bags from migrating to the outside surface.

Clearly, the environmental impact of snow waxes is miniscule and insignificant in comparison with the very real hazards endangering our planet. We do support ecology backed by proper research.

BEAST 2FF Race Performance Waxes
Developed for racers needing a fluoro-free race wax that takes the guesswork out of choosing the right wax on race day. These thermoactive waxes are blended with water-repellent and anti-static ingredients for excellent race day performance through a wide range of snow temperatures and textures.
Temperature Range: 10°F to 32°F (-12°C to 0°C)

BEAST 2FF Race Performance Wax
Formulated for normal to low humidity. 100g bar ....................... $55

BEAST 2FF+ Race Performance Wax
Formulated with a blend containing more water repellent additive for when the conditions get a bit warmer and wetter.
40g bar ………………….. $55 100g bar ………………….. $110
**Everyday Glide Wax**

**BEAST - 1**
Hydrocarbon with thermoactive ingredients for your best choice of a training or recreational wax in snow temps of 12° - 32°F.

400g bar .............................. $55

**BEAST - 1G**
Graphite added to increase lubrication in abrasive snow and also works well in new snow. Best in temp range 8° - 32°F.

400g bar .............................. $55

**BEAST - 1C**
When the temperature drops below 10°F reach for BEAST 1C Super Cold Glide Wax to keep you moving fast.

100g bar .............................. $35

**Race Performance Wax**

**BEAST - 2**
Race performance wax with Lo-Fluoro effective in a broad temp range of 10°- 32°F in Low-Med moisture conditions.

100g bar .............................. $55

**BEAST - 2+**
Full on Hi-Fluoro race wax when conditions are a bit warmer and higher moisture content in the snow. Temp 14° - 32°F.

40g bar .............................. $55

100g bar .............................. $99

**Base Prep**

**BEAST ZERO**
Combo of ultra-soft wax to deeply saturate and lubricate the base and an ultra-hard wax that stays close the surface for abrasion protection.

400g bar .............................. $55

**BEAST ZERO - G**
Add Micro-Graphite to ZERO for an anti-static formula to repel dirt and reduce static electricity. A must for GS, SG and DH.

400g bar .............................. $55

**Waxing is as easy as 1 – 2 – 3**
We have proven formulas used at top levels of racing. Thermoactive ingredients are added to automatically adjust wax hardness to match snow temp. You always have the right wax call with BEAST wax!

**Race Overlay**

**BEAST - 3**
Universal full fluoro liquid overlay for the finishing race layer. Great acceleration in temp range of 5°-32°F. Spray on, polish with felt pad and brush with horsehair.

70G .............................. $99

**Hi-Performance Package**
Just call it a Super Deal!

ZERO-G 400g .............................. $55

1 Glide Wax 400g .............................. $55

1-C Cold Glide 100g .............................. $35

2 LoFlo Race 100g .............................. $55

2+ HiFlo Race 100g .............................. $99

Total Value .............................. $299

Package Deal .............................. $259

**Essential Race Package**
Wet, every day & ultra cold!

1 Glide Wax 400g .............................. $55

1-C Cold Glide 100g .............................. $35

2+ HiFlo Race 100g .............................. $99

Total Value .............................. $189

Package Deal .............................. $159
WHO ARE WE AND HOW DID WE GET HERE?
Making new tracks, going fast, being first, every competitor craves the feeling. What gets you there? Dedication to achieve your goals. Since 1993 Dominator has been dedicated in developing leading-edge wax technology and has become one of the most highly respected wax lines in snow sports.

Dominator

Made in USA

56 RACE PLACE www.the-raceplace.com 1-800-814-RACE (7223)

TEMP SPECIFIC WAxes

Basix HX
Hydrocarbon is your basic wax for training, recreational skiing or a travel wax. HX-77, HX-88 or HX-99
(HX99 only in 400g)
100g .......... $29
400g .......... $52

Lo-Fluoro
Great race wax for dryer snow conditions under 35% humidity or training in all conditions.
FX-77 or FX-88
40g ............... $32
100g ............. $52

Mid-Fluoro
Best in 35-70% humidity that’s the most common condition best if humidity in unknown.
FX-44, FX-55 or FX-66
40g ............... $55
100g ............. $99

Hi-Fluoro
Top choice of a speed race wax in moist snow and high humidity over 70%.
FX-11, FX-22 or FX-33
40g ............... $75
100g ............. $139

ALL TEMP ZOOM
All Temperature waxes with thermoactive ingredients takes the guesswork out of deciding what the weather will bring.

ZOOM
Hydrocarbon based wax for training or recreational. Graphite model for abrasive or dirty snow.
ZOOM or Graphite ZOOM
100g ............. $29
400g ............. $52

Hyper ZOOM
Low fluoro added for increased performance in moist snow.
100g ............. $55

Race ZOOM
Mid fluoro with additives for use in new snow or old snow.
New Snow or Old Snow
40g ............... $55
100g ............. $99

Most new skis come with dry bases and you need to fill bases with lubrication like putting oil in your auto engine.

Renew
Ultra-soft wax to deeply saturate base combined with ultra-hard wax that stays close to the surface for abrasion protection.
100G ............... $29
400g ............... $55

Graphite Renew
Micro-graphite formula for anti-static that results in the the best base conditioner.
100g ............... $29

RACE Renew
Advanced technology additives including SRB. Use under race wax to increase absorption and generate more speed.
100g ............... $55

COLD

Bullet Extreme Cold Wax
Hydrocarbon formula for super cold days under 5°F when snow is extremely abrasive.
100g ............... $33

BASE PREP
**ANTI-STATIC WAX**

Electrostatic friction between ski base & snow must be eliminated for optimum speed. Dominator has two formulations to blend into your race wax.

**SRB Fluorographite Polymer**
An anti-static lubricant that excels in old snow with a broad humidity range. Two ranges.
SRB-11 (5°F to 20°F) SRB-32 (above 20°F)
40g bar ..........$89  100g bar .......... $149

**Micro-Graphite**
Ultra fine graphite combined with low fluoro gives great lubrication in fresh snow at humidity under 35%.
FG-77 (5°F to 20°F) FG-88 (above 20°F)
40g bar ..........$35  100g bar .......... $60

**OVERLAYS**

**Race Rocket**
Mid-fluoro race pack. 20g bar for new snow, 20g bar for old snow and two synthetic corks for rubbing into base.
40g .......... $48

**Race Butter**
When you hit the slop Race Butter is your choice. Rub on, work into base with fiber pad and brush out.
40g .......... $50

**Momentum Paste**
Spread thin layer on base, let dry, polish and brush out. Cold - 8°C and down or Warm - 8°C and up.
40g w/application pad ...... $30

**Missile Liquid Spray**
Universal fluoro liquid overlay. Great acceleration in temp range of 5°F-32°F. Spray on, polish with felt pad and brush with horsehair.
70g .......... $99

**ELITE NS - New Snow**
Snow temperature specific polymers replace fluoro additives to provide water repellency and friction reduction. Designed to perform on falling snow and for one day after snowfall.
NS-1 14°F and colder, NS-2 14°F to 23°F, NS-3 23°F and up
100g bar .......... $118

**ELITE OS - Old Snow**
Designed to perform on natural or man-made snow that is two days or older. Snow temperature specific polymer additives to provide water repellency and friction reduction.
OS-1 14°F and colder, OS-2 14°F to 23°F, OS-3 23°F and up
100g bar .......... $118

**ELITE W - Wet Snow**
A soft rub-on wax for very wet snow at high air temps. Best when applied over ELITE hot wax.
40g bar .......... $58

**ELITE X - Overlay**
Rub-on overlay to enhance glide in specific temps.
X-1 Cold 14°F to 27°F X-2 Warm 23°F and up
10g bar .......... $58

**FFC-1**
Base conditioning wax with an advanced technology antistatic additive for deep penetrating lubrication.
100g bar .......... $37

**FFC-2 & FFC-2C**
Fluoro free iron-in glide waxes for competition or recreational skiing.
FFC-2 Warm 17°F and warmer FF-C Cold 17°F and colder
100g bar .......... $37

**FFC-3 Race Overlays**
A pair of rub-on overlays with an application cork. Gray bar for 27°F and warmer and Black bar for 23°F and colder.
40g .......... $50
HFBWX - Black Wolf High Fluorinated
Black Wolf features high fluoro content and a shear-type solid lubricant to give added abrasion resistance and lubrication with exceptional water and dirt repellency. Use when high humidity and coarse-grained, man-made or new snow.
HFBWX4, HFBWX5, HFBWX6, HFBWX7, HFBWX8 or HFBWX10

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40g bar</td>
<td>$78</td>
</tr>
<tr>
<td>180g bar</td>
<td>$275</td>
</tr>
</tbody>
</table>

HFX - High Fluorinated
Blend of hydrocarbon and fluorocarbon for race performance in higher humidity.
HFX4, HFX5, HFX6, HFX7, HFX8, HFX10 or HFX12 (20g HF7 & 20g HF8)

<table>
<thead>
<tr>
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<th>Price</th>
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<tr>
<td>40g bar</td>
<td>$78</td>
</tr>
<tr>
<td>180g bar</td>
<td>$275</td>
</tr>
</tbody>
</table>

LFX - Low Fluorinated
Race wax in low humidity or high performance training wax.
LFX4, LFX5, LFX6, LFX7, LFX8, LFX10 or LFX12 (20g LFX6, LFX7 & LFX8)

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40g bar</td>
<td>$27</td>
</tr>
<tr>
<td>180g bulk</td>
<td>$70</td>
</tr>
<tr>
<td>900g bulk</td>
<td>$259</td>
</tr>
</tbody>
</table>

Moly Fluoro Conditioner
Recondition black bases to prevent from drying out or oxidizing. May be used alone as a universal wax or as a base for other waxes.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60g</td>
<td>$27</td>
</tr>
<tr>
<td>180g</td>
<td>$69</td>
</tr>
<tr>
<td>900g</td>
<td>$259</td>
</tr>
</tbody>
</table>

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 & hot boxing.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>180g</td>
<td>$32</td>
</tr>
<tr>
<td>900g</td>
<td>$100</td>
</tr>
</tbody>
</table>

LFX Low Fluoro Combi Pack
LF12X Combi Pack - 18g of LFX8 Blue, 18g of LFX7 Violet and 18g of LFX8 Red in a 54g package.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40g bar</td>
<td>$27</td>
</tr>
</tbody>
</table>

LF12X Combi Pack - 360g of LF05X, 180g of LF06X Blue, 180g of LF07X Violet and 180g of LF08X Red in one 900g package.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>900g</td>
<td>$259</td>
</tr>
</tbody>
</table>

Swix recommends these ideal iron temperatures by category of Swix wax.

<table>
<thead>
<tr>
<th>Category</th>
<th>Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>300°F</td>
</tr>
<tr>
<td>6</td>
<td>280°F</td>
</tr>
<tr>
<td>7</td>
<td>275°F</td>
</tr>
<tr>
<td>8</td>
<td>245°F</td>
</tr>
<tr>
<td>10</td>
<td>230°F</td>
</tr>
</tbody>
</table>

IRON TEMPS
Swix is introducing a new line of Swix Pro non-fluoro waxes to cover all temperature and snow conditions.

SWIX PRO - TSB Top Speed Black
The TSB line is designed for dirty snow and dry friction conditions. It’s slightly harder than the Top Speed line with excellent durability due to a solid black lubricant.

TSB5 Turquoise, TSB6 Blue, TSB7 Violet, TSB8 Red & TSB10 Yellow

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40g</td>
<td>$70</td>
</tr>
<tr>
<td>180g</td>
<td>$260</td>
</tr>
</tbody>
</table>

SWIX PRO - HS High Speed
Excellent wax with new formulations for training or high speed recreational skiing. Also use as a base wax under the Top Speed race waxes.

HS5 Turquoise, HS6 Blue, HS7 Violet, HS8 Red & HS10 Yellow

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60g</td>
<td>$35</td>
</tr>
<tr>
<td>180g</td>
<td>$88</td>
</tr>
<tr>
<td>900g</td>
<td>$260</td>
</tr>
</tbody>
</table>

SWIX PRO - PS Performance Speed
The primary "every day" wax for recreational skiing or training. Compares to the traditional hydrocarbon CH waxes that have been a SWIX staple for many years.

HS5 Turquoise, HS6 Blue, HS7 Violet, HS8 Red & HS10 Yellow

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
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<tbody>
<tr>
<td>60g</td>
<td>$13</td>
</tr>
<tr>
<td>180g</td>
<td>$35</td>
</tr>
<tr>
<td>900g</td>
<td>$110</td>
</tr>
</tbody>
</table>

SWIX PRO Polar - Cold
Great wax in extreme cold and also for abrasive man-made snow. Equivalent to the former CH-4 hydrocarbon wax.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60g</td>
<td>$13</td>
</tr>
<tr>
<td>180g</td>
<td>$35</td>
</tr>
</tbody>
</table>

SWIX Glide Wax Cleaner
Removes old recreational and racing glide waxes. Conditions and improves the base’s glide.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray 150ml</td>
<td>$30</td>
</tr>
<tr>
<td>Liquid 500ml</td>
<td>$40</td>
</tr>
</tbody>
</table>
WEND uses Meadowfoam oil as a key ingredient in high performance waxes. Meadowfoam is an annual herb that grows on the Pacific Coast. Oil extracted from their seeds are used as industrial lubricants and in skin cosmetics. Natural, 100% biodegradable and a very slippery lubricant!

**WEND NF Performance Wax**
NF wax with Meadowfoam, a natural, biodegradable lubrication. Performance and durability with Meadowfoam. Five choices for all conditions.

- 100 gram bar.............................$11
- 400 gram bar.............................$50
- 1 kilo bar.................................$75

**WEND MF Natural Race Wax**
MF has a high percent of Meadowfoam that works like fluoro, but is bio friendly, resists dirt and increases speed. Four choices for all snow temperatures.

- 100 gram bar.............................$45

**WEND HF Race Wax**
Combining the water repellancy of fluoro with the great lubricity of Meadowfoam for ultimate top performance wax. Four choices for all conditions.

- 100 gram bar.............................$70

**WEND Universal Race Wax**
Three choices to perform in broad temperature ranges from 10° to 40°F. NF has a small amount of meadowfoam and is a great training wax.

- 100 gram bar.............................$11
- 400 gram bar.............................$50

MF has a high percent of Meadowfoam for greater race performance.

- 100 gram bar.............................$45

HF a combination of Meadowfoam and Fluoro for top performance.

- 100 gram bar.............................$70

**WEND Race Overlays**
Top coat over iron-in race wax.

**HF Hot Start Cube**
Hi fluoro to rub on and brush out.

- 20 gram cube.............................$160

**MFHF Hot Start Cube**
Hi fluoro w/meadowfoam to rub on and brush out.

- 20 gram cube.............................$200

**HF 12X Race Powder**
Pure fluoro best to iron in and brush out.

- 10 gram.................................$50

**WEND MF Natural Liquid Hot Box**
Meadowfoam and other natural agents in a liquid to deeply penetrate and condition bases much like the traditional hot box.

- 4 oz. ......................................$70

**WEND MF Cleaner/Conditioner**
Clean bases from contaminants such as dirt, fluorocarbons and emulsions from base grinding. Contains Meadowfoam as a conditioning agent.

- 4 oz. Spray...............................$16
- 16 oz. Spray...............................$48
### Toko Wax Temps
Yellow (21° to 32°F), Red (10° to 25°F), Blue (-22° to 14°F)

### Toko - Base Performance Wax
Hydrocarbon wax for training or recreational skiing.
Green - Penetrating base prep
Red - Medium to hard snow

### Toko - Performance LF Race Wax
New eco-friendly low fluoro race wax geared for low to moderate moisture conditions.
Yellow - Soft, damp snow
Red - Medium to hard snow
Blue - Hard aggressive snow

### Toko Wax Remover
Cleaning fluid in 180ml pump sprayer.
$15

### Holmenkol Hydrocarbon Basic Wax
Primary wax for everyday use. First step in race ski prep.
Alpha Mix Yellow - (25° to 32°F)
Beta Mix Red - (7° to 25°F)
Ultra Mix Blue - (-4° to 18°F)

### Holmenkol Hi-Fluoro Racing Mix Wax
Iron in high fluoro wax for maximum acceleration and glide.
Racing Mix Wet - (25° to 32°F)
Racing Mix Mid - (14° to 25°F)
Racing Mix Cold - (-13° to 14°F)

### Holmenkol Hi-Fluoro GW-25 Additive
Combine with Hydrocarbon, Low-Fluoro or Hi-Fluoro Racing Mix waxes for custom levels of fluorination.

### Holmenkol Syntec WC HF
New eco-friendly high fluoro hot wax formulation.

### Toko Express Racing Wax
Fluoro for hi-performance.
Rub-on ....... 40 gram bar .......... $25
Paste......... 50 gram bar .......... $50

### Toko TF-90 Paste Wax
Apply to baes and rub in with attached sponge. 75ml
$13.50

### Toko Logo Tape
PVC Logo or Sidewall Masking
$10
<table>
<thead>
<tr>
<th><strong>CORKS AND BUFFERS</strong></th>
<th><strong>FIBERPADS &amp; PAPER</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industrial quality Fiberpads with abrasive resin coating specifically for ski tuning.</strong> (Two 4.5” x 6” per pack)</td>
<td></td>
</tr>
<tr>
<td><strong>Natural Cork</strong></td>
<td><strong>$6</strong></td>
</tr>
<tr>
<td>Apply max pressure with cork and generate heat to lock-in overlays to the base.</td>
<td></td>
</tr>
<tr>
<td><strong>Toko Plasto Cork</strong></td>
<td><strong>$7</strong></td>
</tr>
<tr>
<td>Top techs choose synthetic corks for overlays to create more heat than natural cork.</td>
<td></td>
</tr>
<tr>
<td><strong>Toko Thermo Pad</strong></td>
<td><strong>$8</strong></td>
</tr>
<tr>
<td>Buff in race overlays with this felt pad.</td>
<td></td>
</tr>
<tr>
<td><strong>BEAST Coarse (Maroon)</strong></td>
<td><strong>$5</strong></td>
</tr>
<tr>
<td>Cut base burn fuzz before waxing and use after any base structuring or metal brushing. Use wrapped around a file or block and run up and down base. Also handy to clean glide plates of tools.</td>
<td></td>
</tr>
<tr>
<td><strong>BEAST Medium (Grey)</strong></td>
<td><strong>$5</strong></td>
</tr>
<tr>
<td>Final polish of base structure before waxing to create faster base. Wrap around file or block and run up and down base.</td>
<td></td>
</tr>
<tr>
<td><strong>BEAST Fine (White)</strong></td>
<td><strong>$5</strong></td>
</tr>
<tr>
<td>Non-abrasive pad for polish of wax after final brushing to remove fine wax granules.</td>
<td></td>
</tr>
<tr>
<td><strong>Swix Cera F Cork &amp; Felt</strong></td>
<td><strong>$12</strong></td>
</tr>
<tr>
<td>Felt pad on wood block to buff overlays into base for longer lasting top speed.</td>
<td></td>
</tr>
<tr>
<td><strong>Toko Dual Pad</strong></td>
<td><strong>$19</strong></td>
</tr>
<tr>
<td>Yellow side for pre-polishing before overlays and the other side for post-polishing.</td>
<td></td>
</tr>
<tr>
<td><strong>BEAST Paper</strong></td>
<td><strong>$4</strong></td>
</tr>
<tr>
<td>Silicon carbide stearate non-clogging base paper. Flatten high base with coarse grit and fine tune base structure or polish edge with finer grits. Choose grit of 80, 100, 120, 150, 180, 240, 320, or 400. Four 5.5”x9” sheets/pack</td>
<td></td>
</tr>
<tr>
<td><strong>Fiberlene</strong></td>
<td><strong>$8</strong></td>
</tr>
<tr>
<td>Fine fibrous for final step in base cleaning and polishing. 25 meter roll.</td>
<td></td>
</tr>
<tr>
<td><strong>Fiberlene Pro Paper</strong></td>
<td><strong>$29</strong></td>
</tr>
<tr>
<td>Use between iron and base to absorb excess wax and dirt. Pack of 100 5” x 9” sheets.</td>
<td></td>
</tr>
</tbody>
</table>
**BASE REPAIR**

*Repair of base gouges is a fairly easy task for the mechanically inclined if you follow the steps below.*

**Analyze Damage** - Minor lengthwise scratches under foot don’t adversely affect performance, but gouges across the base or any gouges in tip or tail require repair.

**Prepare Repair Area** - Clean with base cleaner and trim ragged edges with a sharp blade.

**Minor Repair** - Small repairs may be done by lighting a P-tex candle and flowing melted material into the gouge, but these repairs should be considered as temporary as the material doesn’t bond very well. A better method for deeper gouges is to melt P-tex wire into gouge with a chisel tip soldering iron available at hobby stores. P-tex wire is a harder material than the candle and has a longer lasting life.

A repair pistol with special P-tex rods is a newer approach and works well for a DIY at home. They are scaled down from the very costly extruders used in hi-tech shops.

**Core Shots** - Repair along edge or where core is exposed requires Metal Grip, a combo of P-Tex and epoxy. The epoxy bonds to the edge or core for a lasting repair. Use a chisel tip soldering iron to bond a thin layer of Metal Grip and fill balance of gouge with P-tex wire or Repair Pistol P-tex rods.

**Finish** - Sand smooth with 100-180 grit BEAST paper wrapped around a file or hard block.

---

**Pozidriv Screwdrivers**

#3 Pozidriv for binding screws. Ergonomic handle on the screwdriver. Power bit is 6” long to fit all bindings.

- Power bit $17
- Screwdriver $28

**Binding Drillbits**

Most adult bindings on a ski with metal top plate will use the 4.1 x 9mm and 3.6 x 9mm is for skis without metal top plate.

- 3.6 x 9mm $18
- 4.1 x 9mm $18

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**Base Repair Pistol**

Pistol uses hard P-tex rods that are pushed through the heating element and spread on base by the nozzle head to create a molten polyethylene for a good bond to ski base. Includes stand and 3 clear rods. 110 volt.

- Repair Pistol $99
- Black Rods (3) $6
- Clear Rods (3) $6

**P-Tex Repair Wire**

Thin P-Tex wire to melt with tip of soldering iron for repair of base gouges. 1/8” x 4’ length.

- Clear $3
- Black $3

**Metal Grip**

P-Tex and epoxy mix to repair next to metal edge or gouge in the core. Melt with a chisel tip soldering iron. 3/8” x 4’ length.

- Clear $4
- Black $4

**P-Tex Candles**

Polyethylene candles in packs of three. 5/16” x 7.5” length.

- Clear $2
- Black $2

**Ski Repair Epoxy**

Fast Set is best for repair of binding screw pull-outs. Slow Set flexes flexible for sidewall or top skin gouges. 3 gram pack.

- Fast Set $3
- Slow Set $3

**Wood Hole Plugs**

Fill holes with epoxy and pound in plugs for binding pull-outs. 6 per package $2

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**Returns** - If you are not satisfied with your purchase for any reason, you may return it within 10 days of receipt (Holiday gifts by Jan. 10th) providing it’s in NEW condition with tags and original packaging intact. All returns must be sent back Freight prepaid. Shipping charges will be refunded only if it was our shipping error. Call for authorization and include a copy of Invoice in packages. Late return may be subject to re-stocking charges if the return is accepted. Returns of sale or closeout items in the designated time period may qualify for exchange or store credit, but are not eligible for refunds. Prior promotions and discounts are not applicable on sale items.

**Warranties** - If a product is defective before use, Race Place will normally replace that product and reimburse customer for least expensive normal shipping charges. Products defective after use are subject to warranty extended by a manufacturer and the disposition is the responsibility of the manufacturer. Shipping cost to return warranted products is normally the responsibility of customer unless manufacturer extends that service. Race Place will attempt to intercede on behalf of our customers.

**Pricing** - Race Place will make every attempt to adhere to the published price through August 2021. However, some items may be affected by copy errors or price fluctuations beyond our control. We reserve the right to modify any published price.

**Ground Ship Only** - Some items are Ground Ship Only because their contents are considered ineligible for air travel.
Charlotte Harter
Holiday Valley Ski Team
New York

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CHANGE SERVICE REQUESTED