

Here you can find our
online wax consulting tool:

www.holmenkol.com/en/wax-advisor.html

Or just scan QR code
on the front page.



RACE GUIDE

ALPIN/BOARD



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Official supplier of:



AUSTRIA SKI POOL



THE NEW RACE GUIDE IS OUT!

HOLMENKOL® has been active in the alpine ski circus for decades, supporting almost 50 national teams worldwide and working with the best athletes and service staff around the globe.

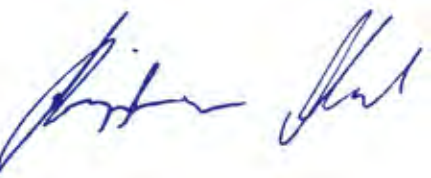
Only hard facts are enough to convince service personnel: They are only satisfied with high-performance products made of the best materials! However, outstanding performance at the peak level of your sport can only be achieved when top notch products are applied correctly. In the Race Guide, we will disclose a few World Cup secrets and introduce you to the proven application used by World Cup winners – clearly explained, with many illustrations.

I have put an “ExpertTip” label next to those products that should be in every service kit.

My team and I very much look forward to seeing you at one of our seminars, which all revolve around one key theme: the **License to WIN!** We wish you a thrilling and successful season!

Your HOLMENKOL World Racing Team

Best wishes
Marcel



Marcel Lipburger
Director World Racing
Team Alpine



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Image Source: HEAD / Athlete: Georg Streibberger

RACING FINISH

Finish Wax

**SpeedPowder
HYBRID**
24331/24333/24335
(see page 6)



nano-CFC[®]
TECHNOLOGY

★★★★★★

RacePowder
24337/24338/24339
(see page 7)



★★★★★★

SpeedBlock
24351/24353/24355
(see page 10)



★★★★★★

**SpeedFinish 2.0
SpeedPaste**
24370
(see page 8/9)



Racing Wax

**SpeedBase
HYBRID**
24551/24553/24555/
24560
(see page 13)



nano-CFC[®]
TECHNOLOGY

★★★★

RacingMix
24850/24860/24870
(see page 14/15)



★★★★

**Racing Base
LF 21 (LF)**
24911
(see page 16)



★★★★

Base Wax

Fluormix
24134
(see page 16)



★★★

**Alpha/Beta/
Ultra-mix**
24104/24114/24124
(see page 19)



★★★



SpeedPowder Hybrid:

When combined with HOLMENKOL® race waxes, you get first class gliding properties for your race base that set the benchmark in terms of speed, abrasion resistance, versatility and handling.

Alpine Racing Finish Powder

- Extreme acceleration, maximum speed
- Extreme abrasion resistance
- For alpine skis



SpeedPowder Hybrid
WET

- Best for: Damp to wet, coarse- and fine-grained snow
- For snow temperatures from 0° to -4° C

24331 25 g

SpeedPowder Hybrid
MID

- Best for: Fine- to coarse-grained snow
- For snow temperatures from -2° to -15° C

24333 30 g

SpeedPowder Hybrid
COLD

- Best for: Cold and dry climate
- For snow temperatures from -14° to -25° C

24335 15 g

SpeedPowder Hybrid WET	0° ~ -4°C	wet to damp	150°-160°
SpeedPowder Hybrid MID	-2° ~ -15°C	damp to dry	160°-170°
SpeedPowder Hybrid COLD	-14° ~ -25°C	dry	170°-180°

RacePowder:

Highly concentrated fluorine carbon powder. Adapted to suit respective temperature ranges and supplements the SpeedBase or RacingMix racing wax collections. The World Cup proven powders are suitable for alpine and Nordic skis.

Highly concentrated fluorine carbon powder

- Outstanding results in terms of gliding effect
- 100% Fluorocarbon powder
- For alpine and Nordic skis



RacePowder
WET

- Best for: Wet to damp snow.
- For snow temperatures from 0° to -4° C

24337 30 g

RacePowder
MID

- Best for: Damp to dry snow.
- For snow temperatures from -2° to -10° C

24338 30 g

RacePowder
COLD

- Best for: Dry and cold snow.
- For snow temperatures from -8° to -25° C

24339 30 g

RacePowder WET	0° ~ -4°C	wet to damp	150°
RacePowder MID	-2° ~ -10°C	damp to dry	150°
RacePowder COLD	-8° ~ -25°C	dry	150°

World Cup proven formulas give you first class, easy to apply gliding coating. When used with HOLMENKOL® race waxes or other HOLMENKOL® Racing Finish products, you will see outstanding results in terms of gliding effect and versatility.

Highly concentrated fluorine spray.

- **For enhanced acceleration and maximum speed**
- **Vigorously resistant to dirt**
- **Finishing layer anchors itself optimally with high fluorine waxes**
- **Very easy and fast application prior to starting**



SpeedFinish 2.0 WET

- Best for:
Damp to wet fresh
snow and fine-grained
to slush snow,
wet snow
- For snow temperatu-
res from 0° to -4° C

24366 50 ml

SpeedFinish 2.0 MID

- Best for:
Fine- to coarse-grained snow
- For snow temperatures from -2° to -10° C

24367 50 ml

SpeedFinish 2.0 COLD

- Best for:
Cold and dry snow
- For snow temperatures from -8° to -20° C

24368 50 ml



SpeedFinish 2.0 WET	0 ° ~ -4 °C	wet to damp
SpeedFinish 2.0 MID	-2 ° ~ -10 °C	wet, damp, dry
SpeedFinish 2.0 COLD	-8 ° ~ -20 °C	dry

SpeedPaste Racing:

100% fluorocarbon race wax paste. World Cup proven. Extreme acceleration, maximum speed and smooth gliding in all speed ranges. High abrasion resistance and outstanding versatility. SpeedPaste can be easily and conveniently applied to any ski until right before the start of the race, ensuring that the base and structure are not damaged. SpeedPaste has been improved to match HOLMENKOL® race waxes, which makes it an essential for winning from start to finish.



SpeedPaste Racing

Highly fluorinated carbon wax paste.



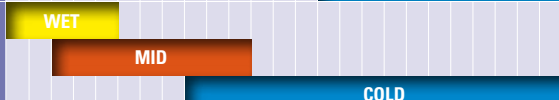

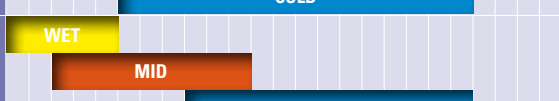
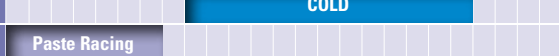

- For damp to wet climate. Specifically for fresh wet snow
- For snow temperatures from 0° to -6° C
- High abrasion resistance, broad range of applications
- Optimally adjusted to suit race waxes
- Easy application, good value for money

24370 30 g



SpeedPaste Racing 0° ~ -6° C wet, damp, dry

Racing Finish Chart ALPINE

	0°	-2°	-4°	-6°	-8°	-10°	-12°	-14°	-16°	-18°	-20°	-22°	-24°
													
Hybrid Speed Powder													
Race Powder													
Speed Block													
Speed Finish 2.0													
Speed Paste													

SpeedBlock:

Pressed 100% fluorine carbon powder. World Cup proven formula.

- Extreme acceleration, maximum speed
- For rubbing onto prepared gliding surfaces or other speed coatings shortly before the start
- Fast and easy application even prior to starting
- Good value for money
- Application: rub on and cork; can also be ironed in



SpeedBlock **WET**

- Best for: Damp to wet fresh snow, grainy to coarse-grained old or artificial snow.
- For snow temperatures from 0° to -5° C

24351 15 g

SpeedBlock **MID**

- Best for: Fresh snow or damp old/artificial snow
- For snow temperatures from -2° to -10° C

24353 15 g

SpeedBlock **COLD**

- Best for: Dry or grainy snow
- For snow temperatures from -5° to -20° C

24355 15 g



0° ~ -5° C



wet to damp



95° ~ 100° C

SpeedBlock **WET**

-2° ~ -10° C

wet, damp, dry

105° C

SpeedBlock **MID**

-5° ~ -20° C

dry

125° C

SpeedBlock **COLD**

Image Source: Pentapfoto, Marco Trovati / Athlete: Felix Neureuther



SPEED BASE - THE RACING STANDARD

The innovative race wax collection.



ExpertTip

- Mix It -
Your License to Win

SpeedBase Hybrid:

For all winter sport aficionados who desire excellent equipment waxing results in alpine sports: the SpeedBase racing wax collection. In addition to nano-CFC effects, the SpeedBase collection has also been tailored through highly optimised adaptation to specific varied conditions.

Highly fluorinated base powder for alpine skis

- Outstanding gliding properties
- Stands out due to its extreme abrasion resistance
- Very easy handling
- Products can be mixed



SpeedBase Hybrid

WET

For damp, fresh and fine as well as wet snow. For snow temperatures from 0° to -2° C

24545 75 g

SpeedBase Hybrid

MID

For damp to dry, fresh and fine-grained snow. For snow temperatures from 0° to -7° C.

24550 75 g

SpeedBase Hybrid

COLD




For damp to dry and fine- to coarse-grained snow. For snow temperatures from -5° to -12° C.

24555 75 g

SpeedBase Hybrid EXTREME COLD

For dry, fine- to coarse-grained and abrasive snow. For snow temperatures from -10° bis -25° C.

24560 75 g

			
SpeedBase Hybrid WET	0° ~ -2° C	damp to wet	120°
SpeedBase Hybrid MID	0° ~ -7° C	damp to dry	130°
SpeedBase Hybrid COLD	-5° ~ -12° C	damp to dry	140°
SpeedBase Hybrid EXTREME COLD	-10° ~ -25° C	dry	140°

RacingMix:

Intrinsic simplicity is the best improvement!
The RacingMix collection consists of 3 highly fluorinated paraffin waxes covering all snow types and temperatures.

- Highly fluorinated race wax for racing and training applications.
- Allows maximum acceleration, gliding and abrasion resistance
 - Maximum water and dirt repellence
 - For alpine and Nordic skis

Here you can find our online
wax consulting tool:
www.holmenkol.com/en/wax-advisor.html



Highly fluorinated race wax
additive.
– For alpine and Nordic skis



RacingMix WET

For fine to coarse and wet snow. For
snow temperatures from 0° to -4°C .

24950 2 x 35 g
24951 150 g

RacingMix MID

For fine to coarse and damp snow. For
snow temperatures from -4° to -10°C.

24960 2 x 35 g
24961 150 g



RacingMix COLD

For fine to coarse and abrasive snow.
For snow temperatures from
-10° to -25°C.

24970 2 x 35 g
24971 150 g

Additiv High-Fluor GW 25

Highly fluorinated additive for impro-
ved gliding and reinforced water and
dirt repelling properties of the Racing-
Mix collection at high air and/or snow
humidity.

24140 2 x 35 g
24139 150 g



RacingMix WET	0° ~ -4° C	fine/coarse wet	115° - 125°
RacingMix MID	-4° ~ -10° C	fine/coarse damp	125° - 135°
RacingMix COLD	-10° ~ -25° C	fine/coarse abrasive	140° - 150°
Additiv High-Fluor GW 25	GW 25 can be added to RacingMix and SpeedBase		



Fluormix WHITE

Lightly fluorinated high quality training and base wax for all snow types. Preferably for higher moisture. For snow temperatures from 0° to -14 °C. High abrasion resistance.

24134 2 x 35 g

24131 150 g



Racing Base LF 21

Lightly fluorinated base wax for alpine and Nordic skiing and ski jumping. Application ranges from icy, aggressive snow and artificial snow to wet snow. Ideal for indoor ski complexes. Perfect base wax for long distances. Optimally suited to the ice track during ski jumping. For snow temperatures from 0° to -20 °C. High abrasion resistance. Low dirt adherence. Broad range of uses.

24911 2 x 35 g

24908 150 g



0° ~ -14 °C



wet to damp



125° ~ 135°

Fluormix WHITE

Racing Base LF 21

0° ~ -20 °C

fine / coarse / abrasive

140° ~ 150°



Image Source: © HEAD Sport GmbH / Athlete: Matthias Mayer



Image Source: © HEAD Sport GmbH / Athlete: Matthias Mayer

RACING BASE WAX

Successful formulas. Highest quality base and training wax based on hydrocarbons. Used and recommended by national teams and the ski industry.

- Stands out due to extreme abrasion resistance
- For alpine and Nordic skis



Alphamix YELLOW

For soft, fresh and fine-grained snow
For snow temperatures from 0° to -4°C.

24104 2 x 35 g

24101 150 g



ExpertTip

Betamix RED

For all snow types. For snow temperatures from -4° to -14°C.

24114 2 x 35 g

24111 150 g



Ultramix BLUE

or cold, very old and abrasive snow. For snow temperatures from -8° to -20°C.

24124 2 x 35 g

24121 150 g



Alphamix YELLOW	0° ~ -4°C	wet to damp	115° ~ 125°
Betamix RED	-4° ~ -14°C	damp to dry	125° ~ 135°
Ultramix BLUE	-8° ~ -20°C	damp to dry	135° ~ 140°



ExpertTip

nano-CFC Fluor Cleaner

Unique special cleaner for nano-CFC powder and other RacingFinish products. Removes fluorine materials but does not attack the paraffin base.

After treatment, the ski takes up more wax again thus achieving increased speed.

24419 500 ml

24418 100 ml



CareFleece

Highly absorbent special fleece for base cleaning and polishing.

Incl. knife.

24490 25 m x 20 cm



CareFleece 50

Highly absorbent special fleece cloths for base cleaning and polishing.

24492 50 pcs.



WaxAb - Wax Remover Spray

Special cleaner and wax remover for gentle, deep cleaning of skis and snowboards. Optimal dosability.

24410 250 ml



Cleaner

Special cleaning agent and wax remover for gentle removal of grease, oil, resin and wax from hands, coatings and clothing.

20421 500 ml

20422 1000 ml

20423 3000 ml



Padset

Special grinding pads for roughening the base.

24495 25 cm x 20 cm



ExpertTip

FX-Strips transparent

Special candles for small base repairs. Suitable for all conventional ski bases and particularly for FX-Smartbase snowboard bases. Light the candle, drip on the wax, and done.

24400 5 pcs.

FX-Strips black

24401 5 pcs.





SuperProPlus WorldCup

First class World Cup ski vice.

- For all types of alpine skis (racing/ carving, freeride/freestyle, back-country alpine touring)
- Vertically adjustable external supports, infinitely variable from 90° to 60°
- The robust central clamp is 90 mm wide and opens up to 100 mm
- Ideally suited for edge and base tuning
- Consists of an aluminium body resistant to compression/ traction
- Comes with 2 ski brake holders.

24432



Board / FreerideFix

Special support for snowboard and wide ski tuning.

- For fast and easy horizontal and vertical applications.
- Ideal for edge and base tuning.
- Two side edge work position: standard 90° and easy at 60°

20516



SuperProPlus Wide

Special ski vices for professional edge and ski base tuning.

- For all types of alpine skis (racing/ carving, freeride/free style, back-country alpine touring and jump skis)
- The robust central clamp is 90 mm wide and opens up to 155 mm
- Vertically adjustable external supports, infinitely variable from 90° to 60°
- Consists of an aluminium body resistant to compression/ traction
- Comes with 2 ski brake holders

24428



ALL-IN-ONE

The optimal ski retaining system for service, repair and tuning. Ideal for wide skis, e.g., rocker skis.

- With upright clamping set, clamping sole and Nordic adapter

24429





ExpertTip

BaseEdge File Guide

For bevelled steel edges on the base side of alpine skis/snowboards. Infinitely variable file guide, adjustable from 0.5° to 1.5°. Suitable for ski files from 20 to 25 mm width and up to 6 mm thick.

24450



World Cup File Guide

For bevelled steel edges on the base side of alpine skis/snowboards. Infinitely variable file guide, adjustable from 0.5° to 1.5°. Suitable for ski files from 20 to 25 mm width and up to 6 mm thick.

24476 86°

24477 87°

24478 88°

24479 89°



ExpertTip

SteelEdge WorldCup

World Cup device for edge tuning of alpine skis and snowboards. Angle adjustable in degrees from 88° to 85° for a precise working angle of ski files, grinding diamonds and oxide stones.

24475



File Guide Clamp

Screw clamp to attach the file on the World Cup File Guide. Holds the files or diamonds in a stable and precise position on the file guide (Art. 24476-79).

24481



ERGO EASY

Handy edge sharpener, standard angles of 88° and 89°. For deburring and grinding ski and snowboard steel edges. Easy handling, fits into your trouser pocket. Comes with a high quality 40 mm file.

20588



ERGO SideWall Planer

Ergonomic side wall planer with gliding surfaces on the base side. For fast and dependable ski and snowboard tuning prior to sharpening the ski edge. The blade position can be easily and flexibly changed. Comes with Spare Blade Round 6 mm.

24456



NEW

Profi Edger

High quality ergonomic edge sharpener with gliding rollers on the base side. Adjustable grinding angle from 90° to 85°. Comes with a high quality 80 mm file. Suitable for all ski files (20527), grinding diamonds and oxide stones (see page 26-27).

24497



NEW

Semi Edger

Ergonomic edge grinder with gliding surfaces on the base side. Grinding angle adjustable from 90° to 85°. Comes with a high quality 80 mm file. Suitable for all ski files, grinding diamonds and oxide stones (see page 26-27).

24496



NEW

SmartEdger 230 Volt

Electric side edge sharpener for fast, precise and pro-fessional sharpening of side edges. Thanks to its innovative design, side edge can be prepared with less effort than with conventional manual devices, even if side edges are severely damaged. Easy angle setting from 90° to 85°.

Fast result with minimum effort. Ergonomic handling. Including: 4 bands coarse (Art. 24487), 3 bands fine (Art. 24488), mask and cleaner brush.

24497



EdgeTrick

Pocket device with oxide stone to remove rigidification and burrs on ski edges. Angle adjustable in steps of 0.5° from 85° to 90°.

24624

Professional files for precise fine-filing ski and board edges.



Racing File L-MAXI

Professional file, for precise fine-filing ski and board edges. Optional for Base Edge(24450).

2052300000 250 x 25 mm, 13 teeth/cm



Racing File L-MINI

Professional file, for precise fine-filing ski and board edges. Optional for Ergo Edge Grinder (24453, 24452) and SteelEdge (24475).

20524 100 x 25 mm, 13 teeth/cm



Racing File M-MAXI

Professional file, for precise fine-filing ski and board edges.

20526 200 x 20 mm, 15 teeth/cm



Racing File M-MINI

Professional file, for precise fine-filing ski and board edges. Optional for Ergo Edge Grinder (24453, 24452) and SteelEdge (24475).

20527 100 x 25 mm, 15 teeth/cm



Racing File S

Professional file, for precise fine-filing ski and board edges.

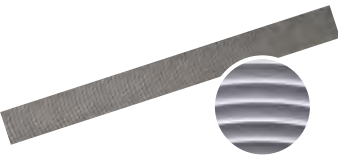
2052900000 150 x 15 mm, 18 teeth/cm



CrossFile MINI

Extra coarse body file for edge grinding. Optional for Ergo Edge Grinder (24453, 24452) and SteelEdge (24475).

20521 100 x 30 mm



CrossFile MAXI

Body file for edge grinding. Optional for BaseEdge (24450).

2052000000 300 x 30 mm



Diamond File World Cup

Diamond files to remove rigidification or for professional refinishing of ground edges.

24482 fine

24483 medium

24484 coarse



Grinding rubber

For blunting ground edges in the front and rear area. Avoids ski edges from catching snow.

20550



Arkansas true hard

For smoothing ground edges.

20576



SpareBand Smart Edger Coarse

Spare bands coarse for Smart Edger.

24487 5 Stück



Oxyd mini

Oxide stone for edge repairs and removing rigidification. Suitable for Ergo edge grinders and SteelEdge.

20561



SpareBand Smart Edger Fine

Spare bands fine for Smart Edger.

24488 5 Stück

ExpertTip



Digital RacingWaxer

Professional World Cup waxer with digital display. The temperature of this iron is controlled by a microprocessor, keeping it stable during processing. This gives an optimal result and is particularly advantageous for applying the temperature-sensitive special and race waxes. Temperature range from 90-180°C.

24422 230 V 15 mm base plate

24423 110 V 15 mm base plate



Electronic RacingWaxer

The temperature of this iron is controlled by a microprocessor, keeping it stable during processing. This gives an optimal result and is particularly advantageous for applying the temperature-sensitive special and race waxes. Temperature range from 90 - 160°C.

24420 230 V 15 mm base plate

24421 110 V 15 mm base plate



Digital RacingWaxer Thick Plate

Professional waxer with digital display used by World Cup teams. A microprocessor controls the temperature, keeping it stable during working. The extra-thick base plate enables ideal application of temperature-sensitive special and racing waxes, even in cold ambient temperatures. Temperature control from 90-180°C. Including sturdy case.

24414 230 V 26 mm base plate

24415 110 V 26 mm base plate



SmartWaxer (similar picture)

Handy waxing iron with precise temperature control and constant heat through extra thick bottom plate. Unique special sole design ensures the optimum distribution of wax.

20603 230 V 12 mm base plate

20604 110 V 12 mm base plate



Waxing iron tray

Robust aluminium tray for waxing iron; includes silicon protection. Can be installed on a service table. Suitable for all tables with a tabletop thickness of up to 50 mm and all waxing irons with a width of up to 110 mm. Heat resistant up to 230°C.

20723



WaxFleece

High quality fleece for uniform, sparing wax application. Avoids direct contact between the waxer and ski surface.

20620 100 pcs.



WaxPro 125 Waxing Machine

Waxing machine for fast, even wax application. All pastilles are optimally suited for WaxPro.

24426 Roll width 125 mm



WaxPro 125 Spare Tray incl. roll

24427 Roll width 125 mm



BETAMIX Pastille RED

For all snow types. Most popular base wax in the international World Cup. Suitable for WaxPro.

24115-P 1kg



Waxmask medium

Protection from vapour and dust during waxing and brushing.

24416 Incl. 2 Filters



Waxmask Filter

Dust and gas filter for waxing mask (24416).

24417 2 pcs.



Plastic scraper

Handy scraper to remove excessive hot wax.

20630 130 x 60 x 3 mm



Stainless steel scraper

Extra sharp stainless steel scraper for edges and base. Extremely long life.

20635 112,5 x 60 mm



Plastic scraper

Special World Cup proven scraper.

20631 130 x 60 x 5 mm



Racing plastic scraper sharpener

Professional device for sharpening plastic scrapers from 3 to 6 mm wide. Can be fastened to the worktable. Comes with a file: CrossFile Mini 100 x 30 mm (20521).

24622



FinishKork

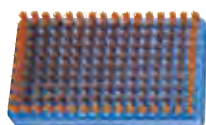
Special cork with felt to finish and polish wax and speed products.

20645



**ExpertTip****OvalBrush Steel**

World Cup proven steel brush for cleaning the base prior to waxing. Used in the World Cup particularly for the first workstep for brushing off hot wax.

24522 25 mm**BaseBrush Bronze**

Coarse bronze brush suitable for cleaning ski surfaces prior to and after waxing and brushing hot waxes. Perfect for exposing the structure. The ideal all-round brush.

24502 12 mm**OvalBrush Bronze**

Coarse bronze brush suitable for cleaning ski surfaces prior to and after waxing and brushing hot waxes. Perfect for exposing the structure. The ideal all-round brush.

24520 12 mm**Oval Brush Bronze long wire**

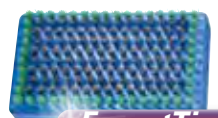
World Cup proven coarse bronze brush suitable for cleaning ski surfaces prior to and after waxing and brushing hot waxes. Perfect for exposing the structure. Extremely long-lasting. The ideal all-round brush.

24534 20 mm**BaseBrush Horsehair**

The ideal brush for applying and brushing out glide wax and Speed- Powder products.

24513 8 mm**OvalBrush Horsehair**

The ideal brush for applying and brushing out glide wax and Speed- Powder products.

24533 10 mm**ExpertTip****BaseBrush Steel MicroFinish**

Ultra-fine brush to completely reveal the structure. Removes all wax residues deep inside the structure and increases speed. Optimal for finish products. A true must in racing sports.

24503 12 mm**ExpertTip****OvalBrush Steel MicroFinish**

Ultra-fine brush to completely reveal the structure. Removes all wax residues deep inside the structure and increases speed. Optimal for finish products. A true must in racing sports.

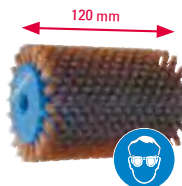
24523 12 mm**BaseBrush Nylon**

Nylon brush especially suitable for polishing up finishing products.

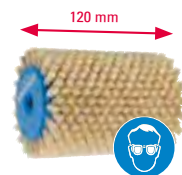
24510 8 mm**OvalBrush Nylon**

Nylon brush especially suitable for polishing up finishing products.

24530 12 mm


SpeedBrush Bronze

Optimum brush for surface cleaning. Especially suitable for use on new and freshly ground skis. **TIP! Brush at low speed and only with working protection (20686).**

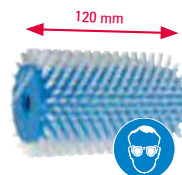
20674

SpeedBrush Fibre

All-round brush for brushing all hot wax types.

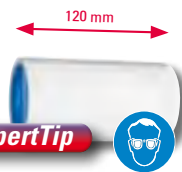
20670

SpeedBrush Horsehair

For brushing in case of preparation with glider waxes and speed products..

20672

SpeedBrush Nylon

Nylon brush especially suitable for polishing up finishing products.

20671

SpeedBrush Fleece

Seamless fleece roller for optimal, gentle rubbing in of Finish products.

20688
ExpertTip

SpeedStick Pro II

Unique click fast-change mechanism in high-grade stainless steel design. For all SpeedBrush brushes.

20685 120 mm

SpeedShield Pro II (working protection)

Shield for SpeedStick (20685).

20686 120 mm



WaxTisch PROFI (similar picture)

Lightweight, robust World Cup proven waxing and service table made from a combination of aluminium and stainless steel.

- Can be extended to become a Nordic table (together with Nordic table set 24437)
- Comes with 1 pair of profile extensions, ski holders and a high quality bag
- Dimensions: 103 x 48 cm
- Height adjustable from 84 to 115 cm
- Made in Germany

24433



Waxing apron (similar picture)

Functional World Cup apron with many handy pockets.

20750



WaxTisch Alpin/Nordic (similar picture)

Robust waxing and service table.

- Can be extended to become a Nordic table (together with Nordic table set 24437)
- Comes with 1 pair of profile extensions, ski holders and a high quality bag
- Dimensions: 110 x 40 cm

20721



Bag for waxing table (similar picture)

Bag for waxing table (20721) excludes contents.

20722



SkiClip Alpine/Carving

Handy ski clips. Protect the base and edges of alpine and carving skis.

2081000000 1 pcs.



Snow thermometer FlashPen

For contactless infra-red measuring of the snow temperature. Incl. battery.

24617



Tape (Adhesive plastic tape)

Narrow ski service adhesive tape..

20740



Tape smart (Paper masking tape)

Large, flexible paper masking tape, easy to tear, reusable.

20741



ServiceBox blue

Large robust service box with HOLMENKOL logo for TuneUp material and ski wax. With drawers of various sizes. World Cup proven.

20703 465 x 180 x 360 mm



Belt pouch

Belt pouch made of sturdy nylon. Suitable for holding Alpine tools and Nordic kick waxes.

20963



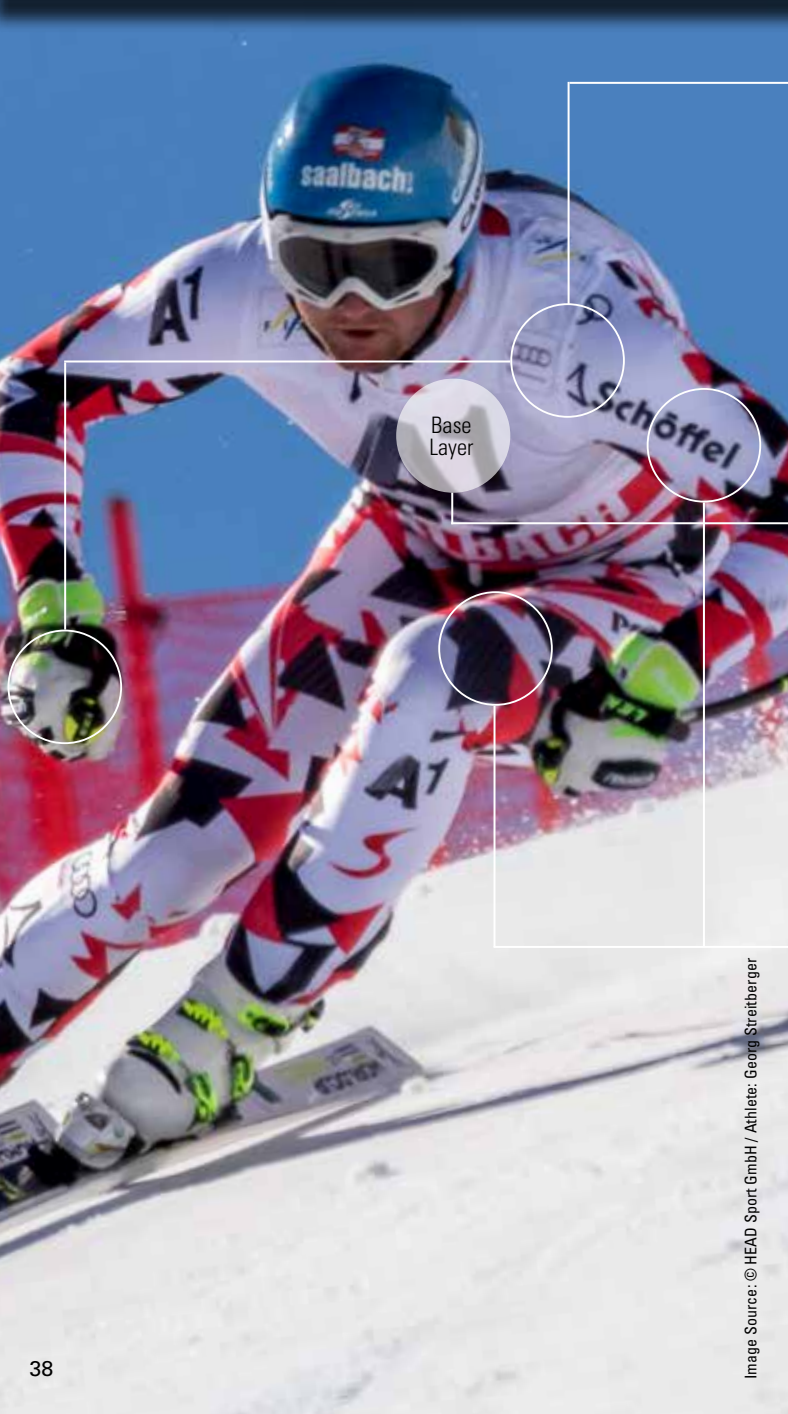
Bottlebag 1L

Drink belt with extra pocket and cup.

20967 1l

TEXTILE CARE

HIGH-TECH EQUIPMENT
NEEDS HIGH-TECH CARE



Base
Layer

Image Source: © HEAD Sport GmbH / Athlete: Georg Streitberger

WASHING / WATERPROOFING



TextileWash - 22233

Special detergent for washing high-quality sports garments and functional clothing.

- For use with all membrane textiles (e.g. GORE-TEX®)*, synthetic fillings (e.g. Thinsulate, Thermolite, Primaloft) and stretch fabrics (e.g. Softshell, fleece)
- Gently cleans breathable sports clothing
- Effectively combats the formation of unpleasant odors
- Does not contain bleach, optical brighteners or fillers, which can clog the garment's pores

ExpertTip



NaturalWash - 22245

Gentle special detergent for washing down-filled clothing/sleeping bags and high-quality woolen and merino garments.

- Gentle, thorough cleaning thanks to high-quality ingredients
- Retains the typical properties of natural fibers (natural moisture transfer, odor control, natural UV-protection)
- Retains the natural characteristics of insulation and warmth retention
- Keeps fillings airy and supple

ExpertTip



TextileProof - 22210

Special waterproofing for sports and functional clothing.

- Suitable for all membrane textiles (e.g. GORE-TEX®)*, synthetic fillings (e.g. Thinsulate, Thermolite, Primaloft) and elastic fabrics (e.g. Softshell, fleece)
- Maintains breathability
- Effective water-repelling and dirt-repelling lotus effect
- Extremely versatile
- Easy to use: spray on, allow to dry, ready!



*GORE-TEX® is a brand of W.L. Gore&Associates

TEXTILE CARE

HIGH-TECH EQUIPMENT
NEEDS HIGH-TECH CARE



Image source: © Fischer Sports GmbH

WATERPROOFING / CARE



NoFog - 22301

High-tech cleaner for glasses and window panes.

- Effectively prevents condensation, even in extreme damp air
- Cleans all uncoated glass items
- Also suitable for visors and special goggles



HighTec Proof - 22150

High-tech waterproofing for all textiles, fabrics and leathers.

- Suitable for all membrane textiles (e.g. GORE-TEX®)*, synthetic fillings (e.g. Thinsulate, Thermolite, Primaloft) and elastic fabrics (e.g. Softshell, fleece)
 - Maintains breathability
 - Effective water-repelling and dirt-repelling lotus effect
 - Extremely versatile (e.g. backpacks, tents)
 - Easy to use: spray on, allow to dry, ready!
- Especially recommended for shoe care!



SportHygienic - 22121

Concentrated sports hygiene spray with high tech odor absorber.

- Actively neutralizes unpleasant odors
- Fresh lemon fragrance
- Multifunctional
- Ideal for shoes, helmets, gloves, sports pads, bags and backpacks



*GORE-TEX® is a brand of W.L. Gore&Associates



- Warm Feet - 22171

Warming and nurturing foot balm for cold feet.

- Special thermal complex already gives you a pleasant and warming feeling straight after application that lasts for hours
- Speedily absorbed
- Rich moisturising effect, thanks to the addition of allantoin and urea

Premium Lip Balm - 22028

Protective and caring lipstick.

- Sun protection factor 20
- Protects lips against dehydration and external influences (e.g. UV light).
- Comes in a practical counter display



HOLMENKOL®
LICENSE TO WIN

Land / Ort: Niederschlag T (Luft): -0.6 °C Rel. LF (%): 78 T (Schnee): -2.1 °C Rel. LF (Schnee %): 76

WAXTEST

SKI-N°	BASEWAX	FINSHWAX	TEST 1 bei	km
			Fahrt 1	Fahrt 2
1	Matrix Red		13:40	13:41
2	Matrix Yellow		13:43	13:44
3	MSP MID		13:45	13:46
4	SISP MID-S		13:47	13:48
5	MSP WET		13:49	13:50
6	MSP Cold		13:51	13:52
7				



BASIC PREPARATION FOR NEW SKIS

Before you use new skis for the first time, you should give them some basic preparation. This also goes for freshly sharpened and structured skis.

This first preparation is important as it enables the wax to penetrate deep into the ski base. Due to mechanical structuring of the base, fine hairs are produced and these are removed by this preparation. It also protects the base for subsequent edge tuning.

i For this application you need the following products:

SuperProPlus World Cup	Ref. no. 24432	p. 22
BaseEdge File Guide	Ref. no. 24450	p. 24
PadSet	Ref. no. 24495	p. 20
WaxAb – Wax Remover Spray	Ref. no. 24410	p. 20
CareFleece 50	Ref. no. 24492	p. 20
HOLMENKOL® Base Wax		p. 19
Digital RacingWaxer	Ref. no. 24422	p. 28
Alternatively: SmartWaxer	Ref. no. 20603	p. 28
Optional: WaxFleece	Ref. no. 20620	p. 28
Plastic scraper	Ref. no. 20630	p. 30
ERGO SideWall Planer	Ref. no. 24456	p. 25
SteelEdge WorldCup	Ref. no. 24475	p. 24
CrossFile Mini	Ref. no. 20521	p. 26
RacingFile (S)	Ref. no. 2052900000	p. 26
Diamond World Cup File medium	Ref. no. 24471	p. 27
Grinding rubber	Ref. no. 20550	p. 27
OvalBrush Steel	Ref. no. 24522	p. 32
Alternatively: SpeedBrush Bronze	Ref. no. 20674	p. 35

1 Always ensure the ski / board is firmly clamped into the vise before you begin.

2 When the base is freshly ground, remove fine hair using a scraper (plastic or stainless steel).

3



Use a BaseEdge File Guide and a Racing file to surface grind the ski / board (0.5°). In the front and rear areas, use a BaseEdge FileGuide for a bevelled edge between 1.0° and 1.5° (depending on requirements and skier's performance)..

4



Slightly sand the base using green ski pads. This ensures the wax is better absorbed.

5



Clean the base with cleaner or WaxAb and CareFleece.

6



Wax with base wax (Alphamix Yellow or Betamix Red) and allow to cool.



→ **Tip:** To avoid burning the base, use HOLMENKOL® WaxFleece.

-->CONTINUATION

BASIC PREPARATION FOR NEW SKIS

6



Scrape (rather than brush) off the excess wax. This ensures the base is protected from dirt when you tune the side edges.

7



In order to grind the edges precisely, remove any side wall projection using the ERGO SideWall Planer.

8



Clamp a CrossFile Mini into the edge grinder and pregrind to the desired angle. Then continue using the RacingFile (Maxi or Mini).

9



Finish using the Diamond World Cup File medium.

10



Use the grinding rubber to slightly blunt the extremely sharp edge in the front and rear areas.

11



Use a sharp scraping blade to scrape the slightly dirty base surface.

12



Use the OvalBrush Steel or the SpeedBrush Bronze to brush off old wax from the structure.

oder:



13



Apply base wax again and iron into the base.

This process (waxing, scraping, brushing off) can be repeated several times until the base is sufficiently saturated.

You should check your skis / boards on a regular basis.
If you find any damage, proceed as follows before applying
racing preparation:

i

For this application you need the following products:

Diamond File World Cup coarse	Ref. no. 24484	p. 27
Alternatively: Oxyd mini	Ref. no. 20561	p. 27
EdgeTrick	Ref. no. 24624	p. 25
FX-Strips (black)	Ref. no. 24401	p. 21
CrossFile Maxi	Ref. no. 2052000000	p. 26
Stainless steel scraper	Ref. no. 20635	p. 30
PadSet	Ref. no. 24495	p. 20

1



When the edge shows rigidification,
pretreat using the DiamondFile Coarse ...

or:

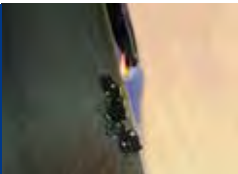


...using the aluminium oxide stone.



Alternatively, you may want to use
EdgeTrick with Oxide Stone BLUE.

2



Fill any damaged areas (scratches / holes)
with FX-Strips. To do this, light the FX-Strip
and, holding it just above the area to be
treated, drip the wax onto it.

3



Once the wax has cooled, remove excess
FX-Strip material using the CrossFile...

or:



... a stainless steel scraper.

4



Use green ski pads or sandpaper
to smooth the repaired spot.

The preparation for racing is the same as for basic preparation (surface grinding, bevelling, relief-grinding of edges, base waxing, see pages 46 onwards).

i

For this application you need the following products:

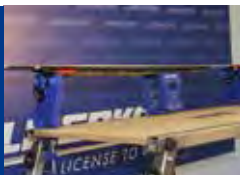
SuperProPlus WorldCup	Ref. no. 24432	p. 22
Plastic scraper	Ref. no. 20630	p. 30
ERGO SideWall Planer	Ref. no. 24456	p. 25
SteelEdge WorldCup	Ref. no. 24475	p. 24
RacingFile (L-Mini)	Ref. no. 20524	p. 26
Diamond File World Cup medium	Ref. no. 24483	p. 27
Arkansas hard	Ref. no. 20575	p. 27
Grinding rubber	Ref. no. 20550	p. 27
OvalBrush Steel	Ref. no. 24522	p. 32
HOLMENKOL® Base Wax		p. 19
HOLMENKOL® Race Wax		p. 14 / 15
Digital RacingWaxer	Ref. no. 24422	p. 28
Alternatively: SmartWaxer	Ref. no. 20603	p. 28

1



Use the scraper to remove the old wax, applying gentle pressure.

2



Firmly clamp the ski / board into the vise ready to begin preparation.

3



Prior to each edge grinding operation, the side wall should be reduced minimally (if necessary) with the ERGO SideWall planer. The unit setting should be checked carefully prior to use.

4



Clamp the RacingFile into the tool (e.g., SteelEdge WorldCup) and grind the side edges to the required relief angle.

5



Use the Diamond File World Cup medium to polish / deburr the side edges and smooth using the Arkansas true hard stone.



Tip: The better the edge is polished, the longer it remains sharp.

6



Use the grinding rubber to slightly blunt the extremely sharp edges in the front and rear areas.

7



Use the OvalBrush Steel to brush off wax residues from the structure.

-->CONTINUATION

with HOLMENKOL® base wax (Hydrocarbon)
and RacingMix:

8



Cleaning the ski base:
Apply base wax (e.g., Alphamix Yellow,
Betamix Red...) ...



...iron on...



...scrape...



...brush off.

9



Apply your choice of race wax.
Harder waxes with a higher melting point
should be worked in longer to increase
abrasion resistance (adherence).



10



Clean the side wall and edge using
a plastic scraper

11



Allow the ski / board to cool for at least
1 to 2 hours. Then scrape the wax from tip
to tail using a sharp scraping blade and
applying gentle pressure.

12



Use the OvalBrush Steel to brush off wax
residues from the structure.



Tip: In order to get the surface as smooth as possible, repeat this
scraping and brushing process once or twice.



Tip: Apply paste wax to the side (to ensure snow does not stick
to the side wall) and polish using CareFleece.

with **SPEEDBASE HYBRID**:

HOLMENKOL® SpeedBase Hybrid is applied following basic preparation (base hydrocarbon wax).

i

For this application you need the following products:

SpeedBase Hybrid WET / MID / COLD / EXTREME COLD	p. 13
Digital RacingWaxer 230V	Ref. no. 24422 p. 28
Alternatively: SmartWaxer	Ref. no. 20603 p. 28
Plastic scraper 3 mm	Ref. no. 20637 p. 30
OvalBrush Steel	Ref. no. 24522 p. 32
OvalBrush Steel MicroFinish	Ref. no. 24523 p. 33
CareFleece 50	Ref. no. 24492 p. 20

1



Evenly apply SpeedBase Hybrid to the ski ...

2



Fix SpeedBase Hybrid with appropriate iron temperature and iron in (120°-140°).

3



Clean edge with plastic scraper or klister scraper and allow SpeedBase Hybrid to cool properly (approx. 1 hour) ...

4



... and scrape off residual wax with the plastic scraper.

5



Depending on structure and snow condition brush with OvalBrush Steel ...

6



... OvalBrush Nylon ...

7



... OvalBrush horsehair. Finally finish with OvalBrush Steel MicroFinish.

8



Clean with CareFleece.

with *SpeedPowder Hybrid*:

HOLMENKOL® Speed products are applied after basic preparation
(Base wax Hydrocarbon; race wax, RacingMix, SpeedBase Hybrid).

i

For this application you need the following products:

SpeedPowder Hybrid WET / MID / COLD		p. 6
FinishKork	Ref. no. 20645	p. 30
Alternatively: Digital RacingWaxer	Ref. no. 24422	p. 28
Alternatively: SmartWaxer	Ref. no. 20603	p. 28
Alternatively: SpeedBrush Fleece	Ref. no. 20688	p. 35
OvalBrush Horsehair	Ref. no. 24533	p. 33
OvalBrush Steel MicroFinish	Ref. no. 24523	p. 33
CareFleece 50	Ref. no. 24492	p. 20

1



Evenly apply SpeedPowder Hybrid.

2



Work in using
FinishKork
(cork or felt side).

Alternatively:



Quickly fix SpeedPowder Hybrid
using the wax iron...

2



... and iron on...

→

Note: Take care to apply sufficient powder coat. Draw the wax iron
across the ski quickly to avoid burning the base!



SpeedPowder may then be worked in
using the SpeedBrush Fleece with max.
1200 rpm, applying gentle pressure.

3



Brush using the OvalBrush Horsehair.

4



In order to reveal the ski microstructure,
brush the base 2 – 3 times
in running direction using the
OvalBrush Steel MicroFinish.

5




Remove any dust residue using
CareFleece.

with SpeedBlock:


i	For this application you need the following products:		
	SpeedBlock WET / MID / COLD		p. 10
	FinishKork	Ref. no. 20645	p. 30
	OvalBrush Horsehair	Ref. no. 24533	p. 33
	OvalBrush Steel MicroFinish	Ref. no. 24523	p. 33
	CareFleece 50	Ref. no. 24492	p. 20

1



Rub in SpeedBlock, applying gentle pressure.

2




Work in using FinishKork (cork or felt side).

3




Brush using the OvalBrush Horsehair.

4



In order to reveal the ski microstructure, brush the base 2 – 3 times in running direction using the OvalBrush Steel MicroFinish.

5




Remove any dust residue using CareFleece.

with SpeedPaste Racing:


i	For this application you need the following products:		
	SpeedPaste Racing	Ref. no. 24370	p. 9
	FinishKork	Ref. no. 20645	p. 30
	OvalBrush Horsehair	Ref. no. 24533	p. 33
	OvalBrush Steel MicroFinish	Ref. no. 24523	p. 33
	CareFleece 50	Ref. no. 24492	p. 20

1




Evenly apply a thin layer of SpeedPaste Racing with a sponge and leave to dry for a few minutes.

2




Work in using FinishKork (cork or felt side).

3




Brush using the OvalBrush Horsehair.

4



In order to reveal the ski microstructure, brush the base 2 – 3 times in running direction using the OvalBrush Steel MicroFinish.

5



Remove any dust residue using CareFleece.

with SpeedFinish 2.0:

i For this application you need the following products:

SpeedFinish 2.0 WET / MID / COLD		p. 8
CareFleece 50	Ref. no. 24492	p. 20
Alternatively: SpeedBrush Fleece	Ref. no. 20688	p. 35
OvalBrush Horsehair	Ref. no. 24533	p. 33
OvalBrush Steel MicroFinish	Ref. no. 24523	p. 33

1 Evenly spray SpeedFinish 2.0 onto the ski from a distance of around 20 cm.

2 Wait for 20 - 60 sec, then work in using CareFleece.
Alternatively: Work in using the SpeedBrush Fleece at a maximum speed of 1200 rpm, applying gentle pressure.

3 Brush using the OvalBrush Horsehair.

4 In order to reveal the ski microstructure, brush the base 2 – 3 times in running direction using the OvalBrush Steel MicroFinish.

5 Remove any dust residue using CareFleece.

When using fluorinated finish products, wax absorption of the base may be impaired. nano-CFC Fluor cleaner dissolves fluorine residue without harming the paraffin basis.

i For this application you need the following products:

nano-CFC Fluor Cleaner	Ref. no. 24419	p. 20
CareFleece	Ref. no. 24490	p. 20
Alternatively: CareFleece 50	Ref. no. 24492	p. 20
BaseBrush Steel MicroFinish	Ref. no. 24503	p. 33

1 Soak FibreFleece or CareFleece with nano-CFC Fluor Cleaner and thoroughly rub on the ski surface.

2 Then, while the ski is still wet, quickly brush it off with a clean BaseBrush Steel MicroFinish. Brush in running direction.

3 Remove remaining residue using CareFleece.

→ **Tip:** Where racing wax or speed waxes are ironed several times into a ski, it can also be be beneficial to clean the ski prior to the racing preparation. The usually results in higher speed and a better running feel.

After this race is before the next one

i For this application you need the following products:			
OvalBrush Horsehair	Ref. no. 24533	p. 32	
Digital RacingWaxer	Ref. no. 24422	p. 28	
Alternatively: SmartWaxer	Ref. no. 20603	p. 28	
HOLMENKOL® Base Wax		p. 19	



Note:
After using the ski / board (race / training), brush off the base and apply base wax (do not scrape).



Image Source: © Pentaphoto / Photographer: Gio Auletta / Athlete: Dominik Paris

If you want to properly prepare your skis, you need to know all about snow!

It is no surprise that ski waxing used to be considered almost a black art, comparable with the secrets of medieval alchemists: Snow is infinitely variable, just like nature itself. Its consistency depends on a range of factors like temperature, air humidity, age, and crystalline structure. Advanced ski wax today makes it easy even for beginners to make the right choice, always provided that he or she gets a true picture of the condition of snow and potential changes during the day.

Temperature

HOLMENKOL® was the world's first wax manufacturer to take into account air temperature, snow temperature, type and structure of snow as well as snow and air humidity when developing glide wax. The application temperature of HOLMENKOL® glide wax refers to the snow temperature. Due to its higher thermal capacity, the temperature of snow changes much more slowly than that of air, which means that it is more stable even under extreme climatic conditions (e.g., foehn winds).

Please note that air and snow temperatures may differ strongly.

Snow structure and humidity

The structure of the snow gives important pointers for selecting the best wax. Snow granularity and snow moisture both have an impact on the friction and suction of the base. HOLMENKOL® differentiates between fresh snow, fine- / coarse-grained, old snow and artificial snow. These snow types can be dry, damp or wet. Each of these combinations has an influence on wax selection. For instance, under certain conditions, snow can be very damp, but made up of hard, sharp crystals. For this type of snow, a wax is needed which is highly resistant to abrasion, as well as highly water repellent.



HOLMENKOL® acknowledged the importance of snow consistency to wax development by introducing hybrid technology.



This is a simplified description of four basic snow types:



Fresh snow

Crystalline, unaltered snowflakes with delicate crystals. These snowflakes are harder when it is cold and softer when temperatures are milder. The delicate crystals are easily pressed when gliding and produce a friction and suction effect which can be reduced using an appropriate wax formula and suitable base structure.



Coarse-grained snow (old snow)

This type of snow has lost its original shape as the result of several freezing and melting processes and is deformed into a snow grain, that is, it has become metamorphous. Most frequent grain sizes range from 1 to 3 mm. The best known coarse-grain snow types are firm and snow crust.



Fine-grained snow (old snow)

This has already undergone one or more transformation processes due to temperature changes, which have caused the outer crystal tips to melt or tear off so that a granular structure is produced. This kind of snow has a lower suction effect but greater friction effect than fresh snow. Depending on the temperature, the snow can be damp and soggy or dry if it is cold and windy.



Artificial snow

The abrasive character of this kind of snow creates a challenge for waxing staff. Due to its high density and inhomogeneous shape, this snow is very dull and requires a wax with very high abrasion resistance. A number of transformation processes cause the snow surface to change to crystalline shapes, which enhances the gliding properties and means a softer wax can be used. Despite its unwelcome properties, this is the most common snow type in international competitions.

Edge tuning consists of the following worksteps:

1. Inspecting the running surface
2. Tuning the edge lower side (running surface)
3. Tuning the side edge
4. Finishing the edge
5. Repairing the edge

1. Inspecting the running surface

The running surfaces should be checked time and again (using a straightedge). Their appearance may be as follows:

1.1 Concave running surface

The base is hollow towards the inside.

The edges are in contact with the ground, the ski / board does not turn easily and tends to break out.



1.2 Convex running surface

The base is cambered towards the outside.

The edges are not fully in contact with the ground and the ski / board is hard to control.



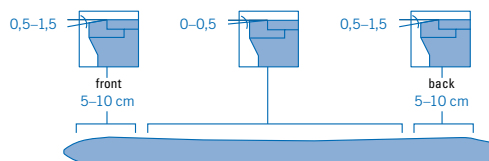
1.3 Straight running surface

The running surface forms a plane from one edge to the other. The ski / board base and edge are fully in contact with the ground and can be easily controlled and turned provided the edges are properly tuned. **If the ski / board is not straight, we recommend that you have it ground by a qualified ski service.**



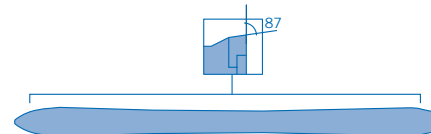
2. Tuning the edge lower side (= bevelled edge)

Ski / board edges should be ground to create a bevelled edge at the tip and tail. This helps significantly in improving turnability. (24450 Base Edge File Guide)



3. Tuning the side edge (= relief)

The side edges are precisely relief-ground using edge grinders. The angle may differ depending on the discipline (e.g., downhill / Super G / giant slalom: 88° - 87°, special slalom 88° - 86°). **In order to precisely grind the side edge, use professional edge grinders (e.g., SteelEdge WorldCup or CarveEdge).**



4. Finishing the edge

Freshly ground and extremely sharp edges on the ski / board tail and in the tip area impair turnability of the ski / board and easily lead to a loss of control. Therefore edges are slightly blunted in the tail and tip areas over a length of 5 to 15 cm (using a grinding rubber). The edge grip remains, yet the ski / board is easy to turn. Edges on the tail and tip ends of the ski / board which do not affect the handling characteristics of the ski or board (those parts of the edge that are not in contact with the slope when the ski is in a straight position) should be rounded.

5. Repairing the edge

Stones on the slope may cause the edge to harden as the contact between edge and stone produces very high temperatures for a short time. Thus, the edge surface is transformed and becomes more dense than the surrounding material. Conventional files barely remove these spots, and this results in imprecise work. Rigidification can only be effectively removed using a DiamondFile blue or an aluminium oxide stone. Rework using a DiamondFile green or red.

Advanced ski / board coatings must comply with various requirements:

They should be elastic yet resist maximum loads. Therefore today it is mainly sintered bases which are used for racing. Sintered bases can be produced using various additives, and each type offers special benefits to match the particular conditions.

Transparent sintered base

This base offers maximum tenacity (without affecting wax absorption capacity).

Graphite base

Graphite protects the base from dirt thanks to its antistatic properties. Good thermal conductivity gives good gliding properties, particularly on wet snow.

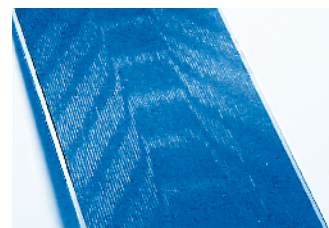
Multi-sintered base

(Different molecular weights of the various components.) Multi-sintered bases have outstanding all-round properties (i.e., they can be used for cross-country skis, downhill skis and snowboards) as they give good gliding properties at all temperature ranges.

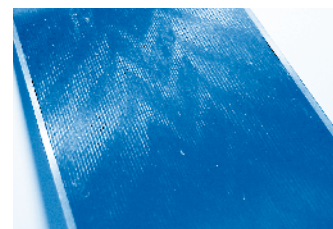
The base structure (contact surface between ski / board and snow surface) impacts the gliding properties of the ski. During gliding, the snow crystals produce friction and the water contained in the snow leads to suction.

With special base structures, these effects can be reduced or eliminated completely. Base structures can be produced using grinding stones or belts and are offered by qualified sportswear outlets.

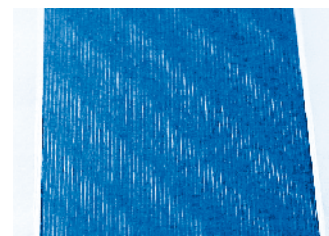
Examples of base structures (Reichmann, Wintersteiger, Montana)



Linear structure



"M"-structure

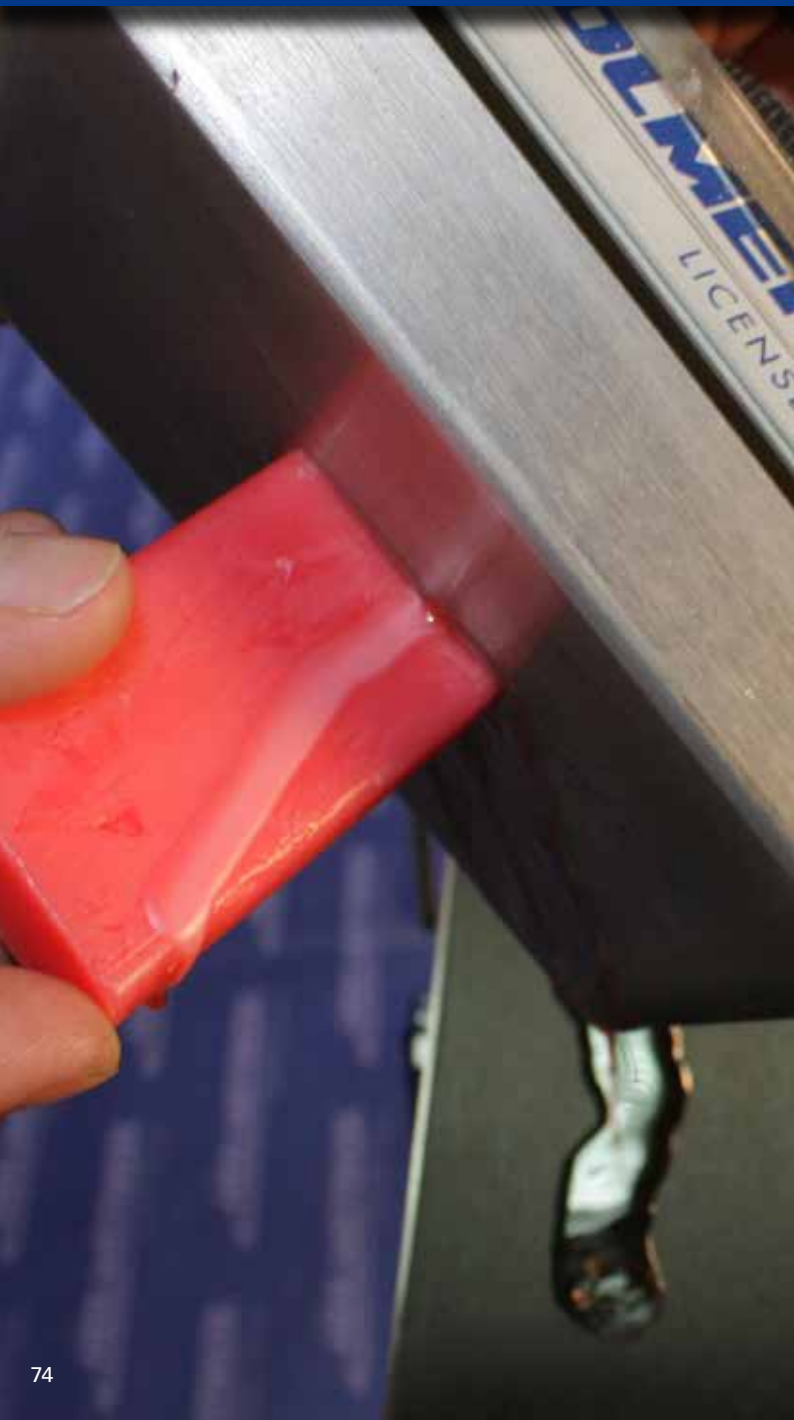


Offset cross structure



General tip:

Cold snow / new snow: fine structure
Old snow / artificial snow / damp snow: medium structure
Wet / coarse snow: rough structure



For all HOLMENKOL® base, race and speed waxes, information on the processing temperature is included on the packaging. As with any work in the workshop, there are some safety measures and rules which should be observed:

- Ensure the workshop is well-ventilated.
- Do not expose wax to naked flames or equipment with revealed heating wires.
- Do not smoke whilst working.
- Only use special wax irons.
- Do not exceed the specified wax temperature.
(Avoid smoke forming.)
- Race waxes should be ironed at between 115° C and 150° C, SpeedPowder at between 150° C and 180° C. Higher temperatures are not needed.

HOLMENKOL® SpeedPowder is **NON** toxic and **DOES NOT** harm the environment. At temperatures above 180° C, however, toxic compounds may be produced. Therefore avoid naked flames, materials that are glowing hot or equipment with revealed heating wires during work. When working in and brushing off waxes, particulate matter may be produced. Ensure sufficient ventilation during handling and use a mask or other respiratory protection if possible, especially when brushing off.

- When using spray products, make sure the workshop is sufficiently ventilated. Do not inhale the spray fog.
- When using base cleaners, make sure the workshop is sufficiently ventilated. Never directly inhale vapours.