

TECHNOLOGY

TOE

**AFD STAINLESS STEEL**

All MARKER bindings are equipped with a moveable AFD (anti friction device) leading to a highly precise release almost entirely unhindered by dirt, snow and ice! Individual adjustment of the AFD to the area of application ensures perfect functionality - from racing, for children's bindings or on ski tours.

**BIOTECH**

During a backward twisting fall both horizontal and vertical forces are triggered on the toe of the binding. Biotech recognises this unfavourable force combination and reliably reduces the release force.

**TRIPLE PIVOT ELITE TOE**

The toe construction with DIN/ISO up to 18 allows for impressive retention when freeriding. The spring in the toe is inserted horizontally and with a sole plate inclined by 5° it provides the highest energy absorption so as to reduce the risk of early release. The large supporting surface optimizes the power transmission and allows for great stresses and strains. In relation to their weight, toes with this technology therefore achieve a never-seen-before performance.

**TRIPLE PIVOT LIGHT TOE**

The newly designed, compact toe features a horizontally inserted spring. Together with the gliding plate the gliding elements integrated into the sole holders ensure a very precise release behaviour which is comparable to all other MARKER bindings. Why should touring skiers and freestylers accept any compromises? An aluminium bridge on the top provides additional support without adding any extra weight.

**TRIPLE PIVOT COMFORT TOE**

When designing the toe, maximum functionality and a low weight were the order of the day. This resulted in a lightweight binding system that in addition to excellent release properties also provides an individually tailored backwards release. The entire binding is completed by its unbeatable design. The horizontally inserted release spring allows for a compact design and results in a very direct ski binding for optimal power transmission.

**INTELLIGENT BACKWARD RELEASE**

Intelligent Backward Release clearly differentiates between forces that occur during a backward twisting fall and moments of force that originate from a movement onto the edge of the ski to enter into curves. An individually adjusted spring reliably regulates the backwards release without any loss of performance.

**TLT**

The next level of improvement for the tried-and-tested two linkage toe system. Light, robust, full side and rear release with improved DIN range. The release springs, triggered by the sole bracket, uses the clever TLT system to provide rear release without taking up extra space or adding extra weight.

**XCELL TOE**

The toe pieces with magnesium sole holders (on the Xcell 24.0, 18.0 and 16.0) stand out for the large contact area with the boot sole, top power transfer and impressive shock absorption. The unique Xcell technology makes it possible to filter out short jolts and keep the ski boot perpetually centered. The new Xcell binding also offers what's likely the most radical design in racing and inspired by F1 design.



TECHNOLOGY

HEEL

**TWIN CAM X HEEL**

The next logical step in the improvement of our Twin Cam heel, with more power, higher elasticity in the release and an optimized performance curve. The new construction increases the boot and ski connectivity for a longer period, even in extremely steep terrain, ensuring precise ski guidance until released. It also offers improved power transfer through the wider connection of the heel rail (NEW: 43 mm). The TC heel's familiar effective step-in behavior has also been further improved.

**INTER PIVOT HEEL**

The stunning heel construction delivers superior holding power for free riding, featuring DIN/ISO 6-16. The Inter Pivot Heel directs the power forces in the angle of elasticity improving the holding power and reducing pre-releases.

**TWIN CAM HEEL**

The two-piece Twin Cam Heel is designed with a unique soft-entry feature. Step-in more quickly and easily, even in difficult snow conditions.

**HOLLOW LINKAGE HEEL**

The heel was also redesigned from the ground up to optimize retention for all types of alpine and touring soles. The aluminium hollow axle saves on weight and maximizes the torsional stiffness. This very robust heel construction is best suited for the most strenuous of requirements.

**COMFORT HEEL**

For this heel the technology of the high-end bindings was adjusted to meet the requirements of sporty skiers. The release spring is inserted into the heel housing and thus allows for a very compact design and a heel housing angle which leads to an ideal release elasticity. The hollow axle and the high quality materials ensure that the binding is lightweight and looks great.

**COMPACT HEEL**

A statement of efficiency - with the usual perfect MARKER release properties and the perfect mix of great design, lightness and excellent functionality. This heel technology is perfect for beginners and occasional skiers due to the release properties and is an excellent value.



TECHNOLOGY

PERFORMANCE

**SP TECHNOLOGY**

New Ski Patrol binding system optimized for the greatest possible range of situations, adjustable height toe pieces on the LORD S.P. can handle all types of ski boots, including both alpine and touring models and standards. Top power transfer on any terrain, despite minimal overall height profile.

**MAGNESIUM PARTS**

Magnesium is THE lightest and most robust metal construction material, making it perfect for our high-end products. This makes you well equipped for a faster run and the most radical lines!

**PISTON CONTROL**

The inner life of the World Cup Plate. A hydraulic oil piston enables sensational performance on the race track. The piston only reacts to negative ski impacts. This noticeably improves the turn initiation, increases the edge grip and allows more precisely controlled turns.

**GLIDE CONTROL SYSTEM**

MARKER brings an exceptional demo-capable binding component onto the market with the Glide Control System. Here the focus is on a low stand height, low weight and excellent performance. The innovative technology of the Glide Control Binding allows any boot (263-374 mm) to be quickly and easily adjusted via the central lever.

**FDT**

Asynchronous adjustments, ergonomic lever position, a clearly visible pressure display and perfectly legible sole length scale, enormous durability and adjustability, even with the boot in the binding – this is the demo system of the future. Optional built-in barcode for rental use.

**MULTI-STANCE ADJUSTOR**

Going wild in a park or in backcountry requires a different skiing technique. When doing jumps and new school tricks you need to be centered on the skis for optimum balance. In powder though, setting the binding back a little improves ski flotation tremendously and less force is needed. The Multi-Stance Adjustor offers 60 mm continuous travel for perfectly balanced riding position.

**EPF - EXTENDED POWER FRAME**

The power booster. The power frame delivers breath-taking performance and amazing power transfer in every condition. Recommended for skis over 88 mm.

**POWER WIDTH DESIGN**

Designed with a low level stand height for maximum power transmission. It's the shortest frame of all hiking models in the market, yet featuring a 10 mm wider interface than traditional "racing" bindings. Connecting brackets are strategically placed in the power transfer areas for immediate edge control. Recommended for skis over 76 mm.

**TÜV**

All MARKER bindings are certified by the TÜV organization.



TECHNOLOGY

TOURING

KINGPIN TOE

The PinTech design on the KINGPIN toe piece promotes an ergonomic rolling up the foot and the most direct possible connection to the ski. Six steel springs capture the energy optimally, up to a DIN setting of 13. Individually adjustable positioning blocks make it quick and easy to step in no matter what the conditions.

**KINGPIN HEEL**

The revolutionary heel construction for the PinTech bindings features wide sole contact points to deliver the kind of direct, lossless power transfer more frequently seen in alpine bindings. The KINGPIN heel is also many times safer than traditional PinTech bindings.

**BACKCOUNTRY TECHNOLOGY**

The uphill hiking mode integrated in the Duke binding features easy adjustment from ride to hike. The hiking aid offers a 7° and 13° position. In ski mode the BCT lever is protected from unwanted releases. A 40 mm backward movement of the binding in BC mode results in a better balanced swing weight and easier kick turns.

**BACKCOUNTRY COMFORT**

The patented, ergonomically shaped lever under the boot allows comfortable opening and closing. The position prevents the binding from unwanted release and provides unparalleled security against an undesired "telemark" situation.

**CLIMBING AID**

The titanium climbing aid offers two positions with 7° and 13° which can easily be accessed with the ski pole, even in an unstable standing position. Integrated elastomer paddings dampen the impact reducing the irritating traditional "clack" and allow more comfortable hiking.

**TOURING BASE PLATE**

The wide frame construction is secured at several positions, perfectly distributing the pressure for unparalleled skiing performance. 2 sizes are available for optimum size range and stocking efficiency.

**TOURING BALANCE**

Switching the lever to touring mode moves the whole binding 40 mm backward, allowing a more comfortable walking position and keeping the ski optimally balanced for kick turns and steep terrain.

**HOLLOW TECH**

Our fibre-reinforced frame base plate provides impressive riding stability and is yet very light due to the gas injected hollow construction.

