COLLECTION 2021/22

	SAFETY PIN SYSTEM	
Safety release	**Concept alpine bindings:** Lateral release in the front, frontal release in the back	
Boot hold	**Pin/Jaw**	**Pin/Pin**
Use	**Free Tour**	**Tour**
		
	Tecton 12 **Maximum power transmission. Everything under control in any terrain.** The exceptional Alpine heel with rail is responsible for the direct power transmission from boot to ski, similar to an Alpine binding. Easy and intuitive to use. › **Alpine heel with Rail** › **Lateral release at the toe with DIN setting and 13 mm elasticity** › **Frontal release at the heel with 9 mm elasticity** › **New easy step-in** › **Complete easy handling package**	**Vipec Evo 12** **Safe and easy A perfect day. Optimal safety.** With the unparalleled technology of lateral front release. Safety at the highest level, maximum comfort and easy step-in. › **Lateral front release with DIN setting and 13 mm elasticity** › **Emergency release when climbing** › **New easy step-in** › **Complete easy handling package** › **Solid, non-turning heel**
Technical data		
DIN	5–12	5–12
Weight	550 g / per unit without ski brake	500 g / per unit without ski brake
Ski brake standard Ski brake accessories Weight / unit	90 / 100 / 110 / 120 80 / 90 / 100 / 110 / 120 80 g	80 / 90 / 100 / 110 80 / 90 / 100 / 110 / 120 80 g
Ski width	> 70 mm	> 70 mm
Sizes – Boot sole length		

	SAFETY ALUBAR SYSTEM
Concept pin bindings: Lateral and frontal release in the back	**Like alpine bindings:** Lateral release in the front, frontal release in the back
Pin/Pin	**Jaw/Jaw**
	
Xenic 10	**Scout 11**
Comfort and safety. Easy to the top. Completely different. Secure hold in downhill skiing without blocking, with progressive power transmission and reliable release, very easy to handle.	**The lightest alternative to a pin binding** The Scout 11 is almost as light as the heaviest pin binding. In addition to excellent all-mountain performance, it offers the easy handling of an alpine binding.
› **Fixed stop and broad step-in pedal for easy step-in** › **Sophisticated technology for easy operation without compromise** › **Infinitely adjustable plus 10 mm length compensation for a defined release** › **Innovative frontal unit for a secure hold in downhill skiing without blocking** › **Exceptionally broad support of the heel unit for direct power transmission**	› **The lightest frame binding** › **Safety release analogue to alpine bindings** › **Easy step-in and easy use** › **High lateral stability when climbing** › **Activating crampons**
4 – 10	3 – 11
280 g / per unit without ski brake	790 g / per unit without ski brake
– 85 / 95 / 105 45 g	80 / 90 80 / 90 / 100 / 115 100 g
> 70 mm	> 70 mm
	SM 260 – 315 mm ML 285 – 340 mm XL 330 – 370 mm

Subject to technical changes.

FEATURES

Safety release	Concept alpine bindings: Lateral release in the front, frontal release in back		Standard pin bindings: Lateral and frontal release in back
Boot hold	**Pin/Jaw**	**Pin/Pin**	**Pin/Pin**
Weight	**550 g**	**500 g**	**280 g**
Use	**Free Tour**	**Tour**	
Model	**Tecton 12**	**Vipec Evo 12**	**Xenic 10**
Basic functions			
Elasticity for the ski: 10 mm length compensation for a release based on the settings in any situation	✓	✓	✓
Individual and infinitely adjustable setting of the lateral and vertical release	✓	✓	✓
Exclusive additional functions			
Elasticity for the boot: Direct lateral release at the toe with 13 mm dynamic travel	✓	✓	
Elasticity for the boot: Indirect lateral release with high elasticity			1)
Elasticity for the boot: Vertical release with 9 mm dynamic travel	2)		
Elasticity for the boot: Vertical release with 2 mm dynamic travel		3)	3)
Rotating, separately mounted pins		4)	4)
Well-timed release of the boot in case of a forward fall from 65° on	✓	✓	✓
Emergency release in uphill mode	✓	✓	
Light, stable ski stopper with grip and support	✓	✓	✓

1) The long dynamic travel of the boot for lateral release in the back is transmitted correspondingly to the frontal unit to release it in front.
2) Alpine heel.
3) The dynamic path corresponds to the retaining edge of the insert in the heel.
4) Rotating, separately mounted pins at the back on the Vipec Evo and the Xenic ensure a flawless release.

10 mm length compensation

Reliable release in any situation

In downhill skiing the skis will flex. This shortens the distance between toe and heel unit. It takes sufficient elasticity via length compensation for the skis to ensure constant pressure on the system and result in a reliable release, even when the skis are excessively flexed.

Separate springs for lateral and frontal release

Indivdual and infinitely adjustable setting of the lateral and vertical release

A frontal release is subject to significantly higher forces than a lateral release. To function properly, separate mechanisms are required with appropriately designed, infinitely adjustable springs.

13 mm dyamic travel lateral release

Preventing unwanted release

A binding releasing only when absolutely necessary depends on the elasticity of the system for the boot. The longer the distance the boot has to travel before it is released under the effect of the settings, the lower the risk of an unwanted release.

9 mm dynamic travel frontal release

Vertical release comparable to alpine bindings

In a pin heel unit, the pins slide over the short retaining edge of the insert when a release occurs. The sudden movement causes high tensile forces to act on the leg. With its elasticity an alpine heel jaw compensates the acting forces and prevents an unwanted release.

Release lever / releasing the boot from 65° on

Well-timed release of the boot in case of a forward fall

In pin bindings the boot tips forward after a release, while still being held in the frontal unit. The system will not completely release the boot at the front unless the nose of the boot applies pressure to the release lever. A well-timed release of the boot prevents injuries to chest and face.

Holding system

Emergency release in uphill mode

In standard pin bindings with both lateral and vertical release at the back, the clamping systems in the toe unit are blocked to provide lateral stability in uphill mode. The holding system of the Vipec Evo and the Tecton facilitates a lateral release under the effect of strong forces.