

PIN BINDING LIST (v.12-09-2019)

english \ polski

Light bindings for ski touring. Not race equipment. \

Zestawienie lekkich wiązań do skitowania. Bez sprzętu dla zawodników.

Update \ Aktualizacje: SKI.PRIV.PL/gear

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PIN bindings can be divided into four categories:

- Speed - the lightest bindings with weight limit up about 250g, dedicated for advanced users and fast uphill touring
- Light - light bindings with weight about 250-400g, having all the most important features, some without skibrake; for classic touring
- Classic - bindings weight above about 400g, strong bindings made from durable material; for classic touring
- Freetour - very strong bindings dedicated for heavier or wider skis; for dynamic skiing

Wiązania PIN podzielone zostały na 4 kategorie:

- Speed - najlżejsze wiązania z graniczną wagą około 250g, przeznaczone dla doświadczonych użytkowników zorientowanych na szybkość podejścia;
- Light - lekkie wiązania w zakresie wagi około 250-400g, mają wszystkie ważne cechy, niektóre nie posiadają stopera, przeznaczone do klasycznego skitingu;
- Classic - wiązania o wadze powyżej około 400g, solidne wiązania zbudowane z wytrzymałych materiałów, przeznaczone do klasycznego skitingu;
- Freetour - solidne wiązania dedykowane do cięższych lub szerszych nart, przeznaczone dla użytkowników zorientowanych na dynamiczną jazdę;

Columns description and shortcuts below the table \

Opis kolumn i stosowanych skrótów pod tabelą

Model name	Spec. Weight	Real Weight	Price	Features
Category: Speed				
ATK SLR Release	135		420€	Heel 4x Springs, DIN heel side 5-10, Leash, 3 Uphill Modes: 0/37/50mm, Adjustment 0
ATK Trofeo	145			Heel 4x Springs (side & vertical), Leash, 3 Uphill Modes: 0/37/45mm, Crampons Hook optional, Adjustment 0
Kreuzspitze GT	160		460€	DIN heel 5-10, Leash optional, 2 Uphill Modes, Adjustment 0
ATK Haute Route	160		300€	DIN heel 5-10, Leash,

(old, until 2016/17)				2 Uphill Modes, Adjustment 0
ATK Haute Route 2.0 (2017/18)	175		430€	DIN heel 5-10, Leash, 3 Uphill Modes: 0/36/50mm, Adjustment 0
ATK RT (old, until 2016/17)	175		300€	DIN heel 5-10, 2 Uphill Modes, Adjustment 0
Dynafit TLT Superlite 2.0 (types: 10, 12)	175	196	460€	DIN heel side 5-10 (10) or 7-12 (12), DIN heel vertical fixed, Leash, Skibrake optional, 2 Uphill Modes + Unofficial Flat Mode, Adjustment 0
ATK SLR Logic (old, until 2017/18)	180		340€	Heel 4x Springs (side & vertical), Leash, 3 Uphill Modes: 0/38/42mm, Adjustment 30
ATK Trofeo Plus (2018/19) (successor to: SLR Logic)	180			Heel 4x Springs (side & vertical) 4/6/8/10, Leash, 3 Uphill Modes: 0/37/45mm, Adjustment 30
Dynafit TLT Superlite (old)	185	202	~450€	DIN heel 5-10, Leash, 2 Uphill Modes, No Flat Mode, Adjustment 0
SkiTrab TR-GARA Titan + Skibrake	200		~500€	Heel 3x Springs, Skibrake: 65/75/85, 2 Uphill Modes: 0°/5.7°, Adjustment 0
Atomic Backland Tour Salomon MTN Light Version (2015/16)	236		450€	DIN Heel 3x Springs, 2 Uphill Modes, Adjustment 0
Dynafit TLT Superlite 2.0 + Skibrake	245	276	540€	See Dynafit TLT Superlite 2.0 Skibrake: 75/90/105
Kreuzspitze GT + SSK	245		550€	DIN heel 5-10, Skibrake: 75/90/105, 2 Uphill Modes, Adjustment 0
Marker Alpinist - types: 9, 12 (2018/19)	245	280		DIN heel side 6-12 or 4-9, DIN heel vertical 3x Springs, Skibrake optional, 3 Uphill Modes: 0/31/40mm, Adjustment 15mm

Plum Wepa S	245		429€	DIN heel 5-10, Leash, 2 Uphill Modes: 0/51mm, Adjustment 20mm
Category: Light				
ATK RT 8 / RT 10 (2019/20) (types: 8, 10)	260			DIN heel 3-8 or 5-10, Skibrake: 75/86/91/97/102/108/120, 3 Uphill Modes: 0/36/50mm, Adjustment 20mm
ATK Crest (2018/19) (types: normal or 10, LightWeight or 8)	280		360€	DIN heel 5-10 (normal) or 3-8 (LightWeight), Skibrake: 75/86/91/97/102/108/120, 3 Uphill Modes: 0/36/50mm, Adjustment 20mm
Dynafit TLT Speed (2017/18)	285	308	450€	DIN heel side 6-12, DIN heel vertical 8 fixed, Skibrake optional, 3 Uphill Modes: 0.75°/3.44/5.74° Adjustment 10mm
ATK RT 2.0 (2017/18) (types: normal, LightWeight)	290		460€	DIN heel 5-10 (normal) or 4-8 (LightWeight), Skibrake (front): 75/86/91/97, 3 Uphill Modes: 0/36/50mm, Adjustment 30mm
Atomic Backland Tour Salomon MTN Leash Version (2015/16)	298		450€	DIN Heel 3x Springs, Leash, 3 Uphill Modes, Adjustment 30mm
Dynafit TLT SpeedFit (2017/18)	310		400€	DIN heel side 5-10, DIN heel vertical 6 fixed, Skibrake optional, 3 Uphill Modes: 0.75°/3.44°/5.74° Adjustment 10mm
Fritschi Xenic (2019/20)	325		300€	DIN heel 4-10, Skibrake: 85/95/105, 2 Uphill Modes: 2°/11°, Adjustment 30mm
Marker Alpinist Long Travel - types: 9, 12 (2018/19)	335	380		DIN heel side 6-12 or 4-9, DIN heel vertical 3x Springs, Skibrake: 90/105/115, 3 Uphill Modes: 0/31/40mm, Adjustment 15mm
G3 ZED 12 (2018/19)	345	342	500€	DIN Heel 5-12, Leash, 3 Uphill Modes, Adjustment 30mm
Plum Guide (types: XS, M)	345		440€	DIN heel 3.5-7 (XS) or 5.5-12 (M), Leash, 3 Uphill Modes: 0/59/84mm,

				Adjustment 30mm
Dynafit Speed Turn (old) (2013-2015) (successor to: TLT Speed)	355	358		DIN heel 4-10, Leash, 3 Uphill Modes, Adjustment 25mm
Dynafit TLT Speed (old) (2006-2013)	365			DIN heel 5-10, 3 Uphill Modes, Adjustment 6mm
Dynafit Speed Turn 2.0 (2015)	370		280€	DIN heel 4-10, Leash, 3 Uphill Modes, Adjustment 25mm
Dynafit TLT Speed Radical (~2011)	370	392	350€	DIN heel 4-10, Leash, 3 Uphill Modes, Adjustment 25mm
Dynafit TLT Speed +SkiBrake (2017/18)	375		530€	see Dynafit TLT Speed SkiBrake: 75/90/105
Atomic Backland Tour Salomon MTN SkiBrake Version (2017/18)	385		500€	DIN Heel 3x Springs, SkiBrake: 80/90/100/110/120, 3 Uphill Modes, Adjustment 30mm
Dynafit TLT SpeedFit +SkiBrake (2017/18)	400		480€	see Dynafit TLT SpeedFit SkiBrake: 75/90/105
G3 ZED 12 + SkiBrake (2018/19)	430	428	570€	DIN Heel 5-12, SkiBrake: 85/100/115/130, 3 Uphill Modes, Adjustment 30mm
Plum Guide Stopper (types: XS, M)	460		500€	DIN heel 3.5-7 (XS) or 5.5-12 (M), SkiBrake: 85/95/105/115 3 Uphill Modes: 0/59/84mm Adjustment 30mm
Category: Classic				
G3 ION LT 12	456	482	430€	DIN Heel 5-12, Leash 3 Uphill Modes, Adjustment 22.5mm
Dynafit Vertical ST (old)	526			DIN Heel 5-10, SkiBrake: 82/92/100/110, 3 Uphill Modes, Adjustment 25mm
Dynafit Radical ST (old) (2011-2014) (successor to: Vertical ST)	531	560		DIN Heel 4-10, SkiBrake: 82/92/100/110, 3 Uphill Modes, Adjustment 25mm

Dynafit Radical ST 2019 (2018/19) (successor to: Radical ST)	535		460€	DIN Heel 4-10, Skibrake: 82/92/100, 3 Uphill Modes, Adjustment 25mm
Dynafit Radical Turn ST	550		370€	DIN heel 4-10, Skibrake: 82/92/100, 3 Uphill Modes, Adjustment 25mm
Category: Freetour				
ATK Raider 12 (old)	330	350	400€	DIN heel 5-12, Skibrake (front): 75/86/97/108/120, 3 Uphill Modes, Adjustment 25mm
ATK R12 (2019/20)	330		490€	DIN heel 5-12, Skibrake: 86/91/97/102/108/120, 5 Uphill Modes: 0°/1°/2°/3°/4° Adjustment 25mm
ATK Freeraider 14 (old)	350			DIN heel 8-14, Skibrake (front): 97/102/108/120, 3 Uphill Modes, Freeride spacer, Adjustment 25mm
ATK FR14 (2019/20)	360		540€	DIN heel 8-14, Skibrake: 97/102/108/120, 5 Uphill Modes: 0°/1°/2°/3°/4°, Freeride spacer, Adjustment 25mm
ATK Raider 12 2.0	365	370	480€	DIN heel 5-12, Skibrake (front): 86/91/97/102/108/120, 5 Uphill Modes: 0°/1°/2°/3°/4° Adjustment 30mm (until 2018/19) Adjustment 25mm (since 2019/20)
ATK Freeraider 14 2.0	395		520€	DIN heel 8-14, Skibrake (front): 97/102/108/120, 5 Uphill Modes: 0°/1°/2°/3°/4°, Freeride spacer, Adjustment 30mm (until 2018/19) Adjustment 25mm (since 2019/20)
Plum Yak S 14 Stopper	540		560€	DIN heel 7-14, Skibrake: 105/115/135, 2 Uphill Modes: 0/59mm, Adjustment 30mm
Plum Yak M 14 Stopper	550		560€	DIN heel 7-14, Skibrake: 105/115/135, 3 Uphill Modes: 0/59/84mm, Adjustment 30mm
Diamir/Fritschi Vipec 12 Black (old) (2015/16)	570	620	450€	DIN heel vertical, DIN toe side, DIN 5-12, DIN Certified,

				Skibrake: 80/90/100/115 3 Uphill Modes: 2°/9°/13° Adjustment 30mm
Fritschi Vipec Evo 12 (2017/18)	580	580	450€	DIN heel vertical, DIN toe side, DIN 5-12, DIN Certified, 3 Uphill Modes: 2°/9°/13°, Skibrake: 80/90/100/110, Adjustment 30mm
G3 ION - types: 10, 12 Skibrake Version	585	630	540€	DIN Heel 4-10 (10) or 5-12 (12), Skibrake: 85/100/115/130, 3 Uphill Modes, Adjustment 22.5mm
Dynafit Vertical FT (old)	599			DIN Heel 6-12, Skibrake:92/110/130, 3 Uphill Modes, Adjustment 25mm
Dynafit Radical FT (old)	599			DIN Heel 6-12, Skibrake: 110/130, 3 Uphill Modes, Adjustment 25mm
Dynafit Radical ST Rotation (old, 2017/18) (successor to: Radical ST 2.0)	599	625	500€	DIN Heel 4-10 Certified, Skibrake: 90/105/120/135, 3 Uphill Modes, Adjustment 45mm
Dynafit ST Rotation 10 (2018/19) (successor to: Radical ST Rotation)	599	626	450€	DIN Heel 4-10 Certified, Skibrake: 90/105/120/135, 3 Uphill Modes, Adjustment 45mm
Dynafit Radical ST 2.0 (old, 2015-2018) (successor to: Radical ST)	600	626	470€	DIN Heel 4-10 Certified, Skibrake: 90/105/120/135, 3 Uphill Modes, Adjustment 45mm
Dynafit ST Rotation 7 (2018/19)	613		410€	DIN Heel 2-7, Skibrake: 82/92/100, 3 Uphill Modes, Adjustment 45mm
SkiTrab TR2 (types: 11, 13)	615	628	330€	DIN heel vertical, DIN toe side, DIN: 5–11 (11) or 7–13 (13), Skibrake: 88/104/114, 3 Uphill Modes: 2°/5.9°/11.2° Adjustment 24mm TR system
Marker Kingpin M-Werks 12 (2019/20)	620			DIN Heel 5-12, Skibrake: 100/125, 3 Uphill Modes: 0°/7°/13° Adjustment 28mm, ATSole

Dynafit ST Rotation 12 (2018/19) (successor to: Radical FT 2.0)	625		480€	DIN Heel 5-12 Certified, Skibrake: 90/105/120/135, 3 Uphill Modes, Adjustment 45mm
Dynafit Radical FT 2.0 (old, until 2017/18)	630	650	530€	DIN Heel 5-12 Certified, Skibrake: 90/105/120/135, 3 Uphill Modes, Adjustment 45mm
Fritschi Tecton 12 (2017/18)	630	670	490€	DIN heel vertical, DIN toe side, DIN 5-12, DIN Certified, 3 Uphill Modes: 2°/9°/13°, Skibrake: 90/100/110/120, Adjustment 30mm, ATSOle
Marker Kingpin 10	730	760		DIN Heel 5-10 Certified, Skibrake: 100/125, 3 Uphill Modes: 0°/7°/13° Adjustment 25mm, ATSOle
Marker Kingpin 13	730	770		DIN Heel 6-13 Certified, Skibrake: 100/125, 3 Uphill Modes: 0°/7°/13° Adjustment 25mm, ATSOle
Dynafit Beast 16 Light (old, 2017/18)	800		200€	DIN 6-16 Certified, Skibrake:120, 2 Uphill Modes, no flat, Power Insert ATSOle
Dynafit Beast 14 (old, until 2017/18)	830	830	200€	DIN 5-14 Certified, Skibrake: 90/105/120/135, 2 Uphill Modes, no flat, Power Insert ATSOle
Salomon S/LAB Shift MNC, Atomic Shift MNC13 (2018/19)	865	885	450€	DIN heel vertical, DIN toe side, DIN 6-13, DIN Certified, Skibrake: 90/100/110/120, 2 Uphill Modes: 2°/10°, Adjustment 30mm, Multi-Norm Certification (AT, Alpine, WTR) for downhill, ATSOle required for uphill & downhill
Dynafit Beast 16 (old, until 2017/18)	940	960	200€	DIN 6-16 Certified, Skibrake: 105/120/135, 2 Uphill Modes, no flat, ATSOle Power Insert
Marker Duke PT 12	1090 (850 uphill mode)			DIN heel vertical, DIN toe side, DIN 4-12, DIN Certified,

				Skibrake: 90/100/110/120, 2 Uphill Modes: 0°/10°, Adjustment ?, Multi-Norm Certification (AT, Alpine, Grip Walki) for downhill, ATSole required for uphill & downhill
Marker Duke PT 16	1280 (1000 uphill mode)			
BAM Pindung (2019/20)	1390		500€	DIN heel vertical, DIN toe side, DIN 5-14, Skibrake: 90/110/125 2 Uphill Modes: 2°/12°, Adjustment: 30mm ATSole required uphill & downhill

Rebranded Bindings \ Wiązania sprzedawane pod inną nazwą

Rebranded model	Original model
Black Diamond Helio 145	ATK Trofeo
Black Diamond Helio 180	ATK Trofeo Plus
Black Diamond Helio 200	ATK Haute Route 2.0 + Heel Plate
Dynastar Look ST 10	Dynafit Speed Turn 2.0
Elan ION 12	G3 ION 12
Fischer Tour Speed Lite (old)	Dynafit TLT Speed Radical
Fischer Tour Speed Lite 2.0 (Skibrake optional)	Dynafit TLT Superlite 2.0
Fischer Tour Speed Turn	Dynafit Speed Turn 2.0
Fischer Tour Classic Brake	Dynafit Radical ST 2.0
Hagan Core	ATK Raider 12 2.0
Kastle FreeTour 12 (old)	ATK Raider 12
Kastle FreeTour 12 2.0	ATK Raider 12 2.0
La Sportiva TR2 LS	SkiTrab TR2
Look HM 10	Dynafit Radical ST 2.0
Look HM 12	Dynafit Radical FT 2.0
Look ST 10	Dynafit Speed Turn 2.0
Look Superlite 12	Dynafit TLT Superlite 2.0
Majesty Raider 12 2.0	ATK Raider 12 2.0

Movement Free Tracks RT	Dynafit Radical ST Rotation / Dynafit ST Rotation 10
Movement Speed Tracks EVO	Dynafit TLT Speed
Movement Speed Tracks	Dynafit TLT Speed Radical
Movement Superlight Tracks	Dynafit TLT Superlite 2.0

Description / Opisy

Columns description:

- Category - binding category according to subjective opinion of the author
- Model name - producer name and model, "old" means model is not in production, it has been retired or replaced with a newer version, year means the date of launch
- Spec. Weight - weight (grams) according to producer
- Real Weight - weight (grams) according to independent tester, data from famous sites: Wildsnow or Blister (often contains screws)
- Price - producer price or average price from online shops
- Features - most important features of the model

Shortcuts in Feature column:

- DIN heel - heel release adjustment (often in two axes)
- DIN heel side - heel side release adjustment
- DIN heel vertical - heel vertical release adjustment
- DIN heel fixed - heel fixed release adjustment
- DIN toe - toe side release adjustment
- DIN Certified - binding release function is ISO 13992:2007 certified
- Heel Springs - producer offers set of springs with different fixed release force. User can choose spring according to his weight and skills
- Skibrake - binding has attached skibrakes
- Skibrake Optional - skibrakes are available separately
- No Skibrake - binding without skibrakes and compatible skibrakes are not available
- Uphill Mode - number of ascending modes (include flat mode if available)
- No Flat Mode - no touring flat mode, no nearly flat mode
- Adjustment - boot length adjustment with screw at the heel
- ATSole - boots must be compatible with Alpine Touring standard and TLT Pin
- TR system - boots must be compatible with SkiTrab TR system (for example La Sportiva)

Opis kolumn:

- Category - kategoria sprzętu wg subiektywnego uznania autora
- Model name - nazwa producenta i modelu, skrót "old" oznacza że model już nie jest produkowany, został wycofany lub zastąpiony nowszą wersją, rok oznacza datę wprowadzenia modelu na rynek
- Spec. Weight - waga (w gramach) wg specyfikacji producenta
- Real Weight - waga (w gramach) zmierzona (zwykle wraz ze śrubkami), dane pochodzą od uznanych serwisów, głównie Wildsnow i Blister
- Price - cena katalogowa lub typowa cena ze sklepu internetowego
- Features - istotne parametry użytkowe sprzętu, opis skrótów patrz dalej

Skróty stosowane w kolumnie Feature:

- DIN heel - regulowana siła wypięcia buta w pięcie wiązania (zwykle w dwóch płaszczyznach)

- DIN heel side - regulowana siła wypięcia buta w pięcie w płaszczyźnie poziomej (w bok)
- DIN toe - regulowana siła wypięcia buta w przedniej części wiązania w płaszczyźnie poziomej (w bok)
- DIN heel fixed - stała siła wypięcia w danej płaszczyźnie w pięcie wiązania
- DIN Certified - wiązanie posiada certyfikat zgodności skali DIN z normą ISO 13992:2007
- Heel Springs - producent oferuje do wyboru kilka sprężyn (tylne piny), które mają różną, ale stałą siłę wypięcia buta, dobór sprężyny umożliwia ustawienia siły wypięcia w płaszczyźnie pionowej
- Skibrake - wiązanie posiada wbudowane stopery
- Skibrake Optional - wiązanie posiada opcję podłączenia stoperów, które kupuje się osobno
- Brak Skibrake - wiązanie nie posiada stoperów i nie można ich dokupić
- Uphill Mode - liczba trybów podchodzenia do góry, w tym tryb płaski, jeśli jest obecny
- No Flat Mode - brak płaskiego trybu chodzenia lub trybu zbliżonego do płaskiego
- Adjustment - zakres regulacji wiązania do długości buta (regulacja odbywa się za pomocą śruby na pięcie wiązania)
- ATSole - wymagana jest podeszwa buta z długim rantem (kompatybilna z Alpine Touring) oraz z pinami TLT
- TR system - wymagana jest podeszwa buta zgodna z systemem SkiTrab TR, np. La Sportiva, kiedyś Scarpa

P.S. Other interesting lists \ Inne polecane zestawienia:

- ★ Ultimate Binding Quiver by Lou Dawson
<https://www.wildsnow.com/23247/wildsnow-ultimate-ski-touring-binding-quiver/>
- ★ Lightest BINDINGS for Skimo and Rando racing
<http://www.skintrack.com/bindings-comparison/>
- ★ Evo Ski Binding Weight Chart
<https://www.evo.com/guides/alpine-and-backcountry-ski-binding-weights>
- ★ BINDING PIN HEIGHTS
<https://skimo.co/pin-heights>
<https://www.wildsnow.com/10733/get-up-rise-up-stand-up-for-your-ramp/>
- ★ Binding Heel Gap
<https://skimo.co/tech-binding-heel-gaps>