

**Owners Manual**  
**– must be provided to the customer –**  
**please read it carefully!**

## 8 Function Descriptions

The 7tm telemark binding is a reliable, high-quality product, with a high degree of user convenience. The functional principles of the 7tm binding have been proven in other products for decades.

How does the 7tm ski binding work?

### 8.1 General descriptions of the Releasable Function

The 7tm binding is a binding for telemark (free heel) skiing that is equipped with a lateral toe release mechanism. Additionally, the lateral toe release mechanism is not affected by friction that could develop between a rubber sole of a telemark boot and the binding. In addition to providing a decisive level of control over release and retention, the robust durability of the 7tm is a key aspect of this revolutionary ski binding. This is why the 7tm has been designed for an optimization of weight and durability.

#### Stepping into the Binding

Check to insure that the sole of the boot is free of snow, ice and dirt. Center the toe of the boot in the toe of the binding and enter. Close the heel fastener by hand. Stepping out of the Binding Open the heel fastener with your ski pole, boot, ski, or by hand.

#### Reattachment after Release

With the binding attached to the boot according to

**Pict. E**, center the roller-cam (10) – and press down on the ball of your foot with enough effort to hear the sole-retainer click into the holding block (11).

#### 8.2 Special Function of the 7tm Tour

Skinning up without flexing the boot saves a lot of energy!

For changing from the down hill mode to the climbing mode please switch the lock lever (36) like indicated in **Pict. O**.

**Very important:** make sure that the lock lever (36) clicks into the end position and the

impact with an unseen obstacle, encounter with unusual snow conditions, other equipment failures, weather changes, etc. – serious injury, even dead could occur, independently of 7tm products.”

Please note that skiing, like any other sport, is dangerous. It is possible that physical injuries can occur. The 7tm telemark binding is only one part of the total functional unit which consists of the boot, binding and ski. The 7tm binding meets national and international standards and offers state-of-the-art release technology. Nevertheless, it can not be guaranteed that any ski binding releases in every possible situation.

The 7tm is a telemark binding with only a side release mechanism. Because of the free heel, there is, just as for all other telemark bindings, no such thing as a forward release. Nevertheless it is possible that hard forward crashes can lead to situations in which forces occur that either increase the danger of injury, tear out the binding screws, or destroy the binding completely.

It can also not be guaranteed that a skier will not be hurt due to the release or non-release of the binding. The binding is only one means of lowering the risk of injury to the lower leg. Also the binding cannot influence the risk of other possible injuries that might occur during skiing.

- The binding have to be assembled and adjusted by a specialist. Assembly and adjustment by a non-authorized person is done on the skier's own risk, which also voids the warranty.
- In order to maintain all functional features, avoid any arbitrary adjustment. Have all of the adjustments carried out by specialists. Improper adjustment or maintenance will increase the risk of injury
- Check your binding before each use for proper function and missing or defective parts. If necessary, have the binding repaired by a specialist. Use of an impaired binding increases the risk of injury.
- As a skier you must beware of the risks of this sport. Therefore, please adopt your skiing style and choice of slopes to match your expertise and skill.
- Select your tours carefully. Do not overestimate your skills and fitness. For touring use, away from lift served and groomed terrain we recommend to take spare tension strap along in your back-

ted torque to the binding to release it during an injury-producing fall.

First, before performing the Self-Release Method, the binding must already be re-centering properly (see above) and must be free of contamination. Then, with a slow and deliberate twist of the leg, the skier should attempt to release the binding, laterally. Do this with the ski positioned flat on the ground, held from being free. If the skier is not able to self-release in the twist direction, try again with the ski on edge. If self-release is still not possible, a lower release adjustment may be necessary. However, any release setting re-adjustment that is greater than 10% of its original value requires immediate attention by a ski shop prior to further skiing. There may be another ski-boot-binding system-interdependency that is completely unrelated to the release setting, per se, that is at fault, making a release re-adjustment inappropriate – increasing the risk of inadvertent pre-release or non-release. Adjustment of the release level for the purpose of higher or lower release levels can be noted on the adjustment scale (16) of the binding.

**Caution: The 7tm binding releases only about the vertical axis of the leg (in the twist direction) and in forward bending in the event of a frontal impact in the forward shear direction. There are no other directions/modes of release! > ISO-diagram Pict. J.**

**Tested and approved DIN/ ISO 9462 by TÜV Product Service – Munich / Germany**

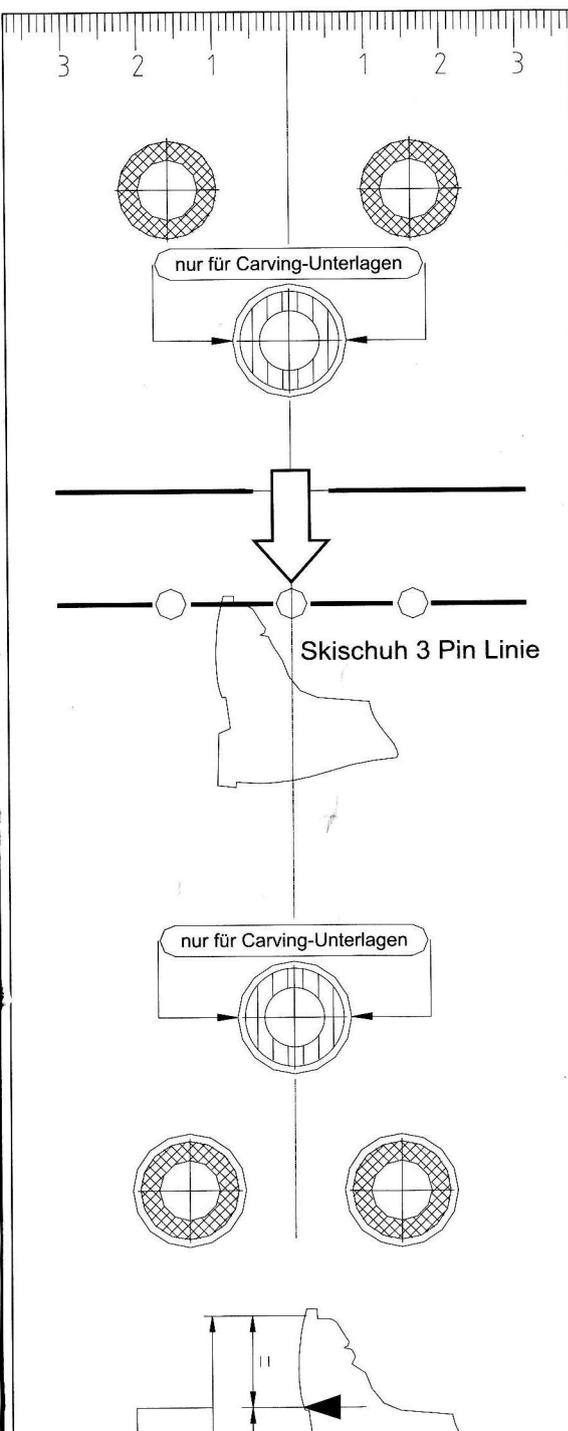
Techn. spec. subject to change. No liability for error.



## Adjustment Table for W Einstelltabelle Gewichts

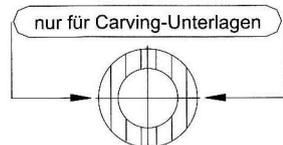
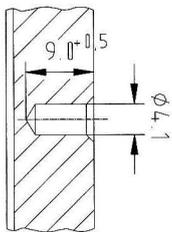
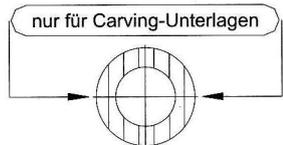
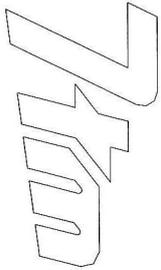
- Determination of the Type of
- Berücksichtigung des Skifahrer

Geschwin-	...	...	...
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26  
28  
30  
32  
34  
36 [cm]

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3 2 1 1 2 3

country kit.  
Follow the warnings and instructions displayed at the ski resort. Pay attention to weather and avalanche warnings.

### 8.3 Special Function of the 7tm Power

The new heel retention system of the 7tm Power is much more active now. The positioning of a second pivot point provides more than 30% of higher activity and performance as the predecessor model 7tm All Mtn. But if you like skinning up or skiing in deep snow the All Mtn. position, with a more neutral performance, can be an advantage. To replace the **Power Pin** (29) from the second pivot point, only release the toe cup (1) from the binding. Now press out the **Power Pin** (29) with your fingers and re-enter the binding as well (see **Pict. E**). Remount the **Power Pin** in the same way to get back into the power position.

### 8.4 Icing

In order to minimize an under sole ice build up in case of unfavourable snow temperatures we recommend to apply some wax spray to and under the toe piece (1).

### 9 Maintenance / Storage / Repair

7tm ski bindings must be cleaned with water when they are visibly-dirty or cleaned at least once a season (Caution: do not use a high pressure cleaner).

The "Tension Strap" (9) is a moving part that should be replaced if damaged according to the following guideline:

- Release the toe piece (1) from the binding.
- Loosen the connecting screw (17).
- Unscrew the tension strap (9) according to **Pict. K** Screw-in the new tension strap.
- Tighten the connecting screw (17) and secure it with glue.

### 10 Limited Warranty

7tm carries a warranty of 1-year on bindings and accessories. Warranty replacement is provided if the product does not function appropriately due to workmanship or materials. In such instances the defective parts are replaced at no cost to the consumer. In no case ever, is 7tm responsible for consequential damages!

### 11 Warnings and Instructions

" The use of 7tm products is at your own risk, because in the unlikely event of an avalanche,

- Follow the warnings and instructions displayed at the ski resort. Pay attention to weather and avalanche warnings.
- Do not ski when you are in poor physical condition, tired or under the influence of alcohol, illegal or legal drugs.
- Changes in the release levels of your bindings may occur due to contamination, long-term or improper storage or if the binding was not used for a long period of time. Therefore, the release value must be checked at the beginning of each season (or every 60 skier-days, which ever comes first) by a specialist with proper measuring equipment.
- The binding must be used either with ski leashes or with a ski brake. If not, the ski could run-away without being slowed after the binding has released. This can be very dangerous to fellow skiers and dogs.
- When skiing in deep snow, always use the ski brake in combination with a deep powder leash so that the ski can be found. Should you use leashes, and despite all warnings – enter an area where avalanches are likely to occur, please remove the leash from the binding or your leg.
- Always transport your skis "inside" a transportation vehicle or inside a closed container because salt and dirt will impair the function of any ski binding.
- Any incorrect use of the binding (e.g. use with a mono ski, modification to individual components of the binding and ski brake) increases the risk of inadvertent pre-release or no-release at all.
- Mounting accessories and/or spacer components could adversely affect the function of the binding. Therefore, only use original 7tm accessories. Assembly must be performed as shown in these instructions or by an authorized specialist.

### 12 IAS Self-Release Method

The IAS recommends skiers to regularly check for a gross release-impediment of a properly adjusted binding, using the Self-Release Method. The Self-Release Method does not replace the basic adjustments already performed by an expert ski shop.

### Lateral release: Pict. I

Caution: The release mechanism only works properly in combination with plastic boots. Soft leather boots may not transfer the expect-

Country kit.	Colours	Star	Typ
langsam bis gemäßigt	leicht bis gemäßigt	niedrig	1
Skifahrer, die weder den Beschreibungen unter 1 noch unter 3 voll entsprechen.			2
schnell	steil	agressiv	3

for English see 3.1 "Determining Skier Type".

Parameters for the skier Kennwerte für den Skifahrer			
kg (Pounds)	cm (Ft. In.)	Code	≤ 250m
36 - 41 kg 79 - 91 lbs.		G	3,5
42 - 48 kg 92 - 107 lbs.	≤ 148 cm ≤ 4'10"	H	
49 - 57 kg 108 - 125 lbs.	149 - 157 cm 4'11" - 5'1"	I	
58 - 66 kg 126 - 147 lbs.	158 - 166 cm 5'2" - 5'5"	J	
67 - 78 kg 148 - 174 lbs	167 -178 cm 5'6" - 5'10"	K	
79 - 94 kg 175 - 209 lbs.	179 - 194 cm 5'11" - 6'4"	L	
95 + kg 210 + lbs.	≥ 195 cm ≥ 6'5"	M	
		N	
		O	
		P	