



#### Product description

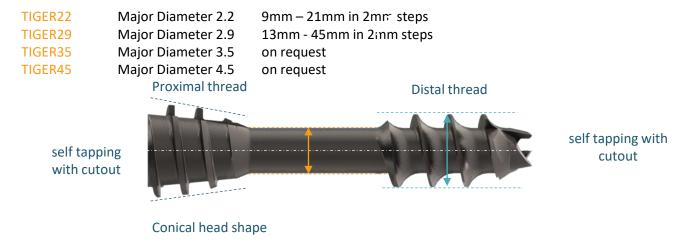
#### TigerTrack®

#### TigerTrack® - Product family

TigerTrack® range is delivered sterile packed includes broad portfolio of screws with a hexalobe screw head.

#### TigerTrack® self-compressive headless screws

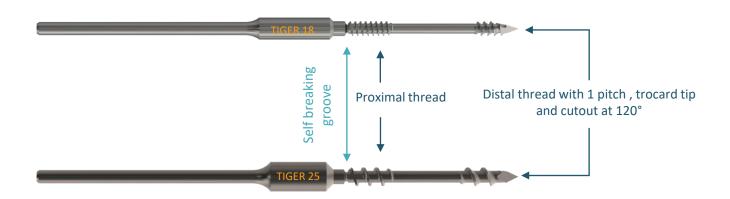
These self-compressive headless screws are available in several diameters and lengths. The minor diameter is prepared with a drill. The major diameter describes the device and the outer diameter of the thread.



#### TigerTrack® snap-off screws

TIGER18 Major Diameter 1.8 13mm - 45mm in 2mm steps
TIGER25 Major Diameter 2.5 13mm - 45mm in 2mm steps

Minor Ø ←→
Major Ø ←→



### Product description

TigerTrack®

#### TigerTrack® - Product family

TigerTrack® range is delivered sterile packed and includes broad portfolio of screws sizes

#### TigerTrack® Weil

These Weil screws are provided in 2.2mm diameter and are in lengths from 9mm to 21mm in 2mm steps.

The head connector can be broken off. The screw head has a hexalobe T7 print hidden under self breaking part.





TigerTrack® screws are manufactured in Ti-6Al-4V ELI titanium as per standard ISO 5832-3 / ASTM F136. With the exception of the TIGER18 which is manufactured in a chrome-cobalt alloy as per ISO 5832-7 (phynox).

#### Product description

#### TigerTrack®

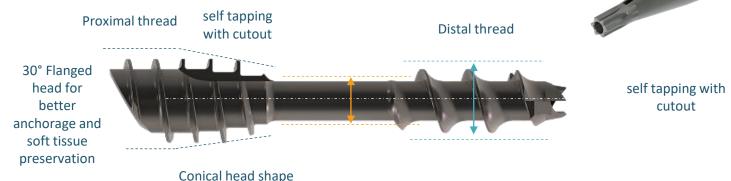
#### TigerTrack® - Product family

TigerTrack® range is delivered sterile packed includes broad portfolio of screws with a hexalobe screw head.

#### TigerTrack® self-compressive headless screws, 30° flange

These self-compressive headless screws are available in diameter 2,9mm and several lengths. The minor diameter is prepared with a drill. The major diameter describes the device and the outer diameter of the thread. The right position of the bevel is helped with a laser mark on the screwdriver.

TIGER29 Flange Major Diameter 2.9mm 19mm - 33mm in 2mm steps



Minor Ø ←→
Major Ø ←→

#### TigerTrack® non-compressive headless screws, 60° flange

These non-compressive headless screws are available in diameter 3,5mm and several lengths. The minor diameter is prepared with a drill. The major diameter describes the device and the outer diameter of the thread. The right position of the bevel is helped with a laser mark on the screwdriver.

TIGER35 Flange Major Diameter 3.5mm 21mm - 55mm in 2mm steps



## Indications and Contraindications

TigerTrack® screws are designed to relieve pain and disability of the forefoot by attaching and stabilizing bone segments in elective osteotomies on metatarsal bones and phalanges of the foot, in order to optimize the correct bone fusion of the segments concerned. These devices are only intended for use in the forefoot of a mature skeleton.

#### Indications:

The TigerTrack® screw system is indicated as an attachment system for small bone fractures or minor bone reconstruction in skeletally mature in the following cases:

- Monocortical or bicortical osteotomy of the foot or hand
- Metatarsal or distal or proximal metacarpal osteotomy
- Musion of the first metatarsophalangeal and interphalangeal joint
- Attachment in the case of treatment of Hallux Valgus (e.g. scarf osteotomy, chevron osteotomy, etc.)
- Akin osteotomy
- Weil osteotomy (Weil's snap-off screw only)

**CAUTION:** to be used by or on the order of a surgeon. The surgeon must take note of the documents accompanying the device. No specific training is required for the understanding and use of the device. The surgeon's qualifications and the reading of the accompanying documents are enough.

#### **Contraindications:**

A non-exhaustive list of contraindications is as follows:

- 1. Any sign of generalized or local infection
- 2. Pathological obesity
- 3. Pregnancy
- 4. Any other medical or surgical condition that may compromise the success of surgery with instruments, such as the presence of malignant tumors, or serious congenital anomalies, an increase in sedimentation rates that cannot be attributed to other diseases, an increase in the number of white blood cells or a downward trend in such blood cells
- 5. Suspected or known allergy or intolerance to the implant's component materials
- 6. Any situation requiring the use of different materials
- 7. Any case not listed in the indications
- 8. Any patient who is not willing to follow the postoperative instructions
- 9. Any patient in whom use of the implant may interfere with anatomical organs or some expected physiological function
- 10. Any dental treatment that could affect the passivation layer of metal implants (such as fluoride treatment)

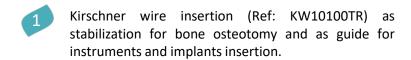
The contraindications pertaining to these devices are similar to those pertaining to other osteosynthesis instruments. These instruments have not been designed for, intended or sold for any use other than those indicated

→ For more information please refer to TigerTrack® instruction for use reference SUP\_ 7.017

#### TIGER 22/29/35/45







Measurement of the screw length on Kirschner wire thanks to gauge length instrument (Ref: HV9005).

**Note:** for bicortical operation, perform the length measurement with the depth gauge instrument (Ref: HV9020).



HV9020 – Depth gauge

Drill the bone over the Kirschner wire with the adapted step drill if the drill is cannulated. In case of sclerotic bone, we recommend preparing the screw entry with a stepped drill.

Insert the screw over the Kirschner wire with the screwdriver.
(Ref: HV9003)

#### **REMOVAL / REVISION**

Should removal or revision of the implant be required: Use the screwdriver (Ref HV9023 or HV9034). Connect the screwdriver to the AO handle (Ref: HV9010). Unscrew properly and directly the TIGER screw and it will be removed.

#### **Product List** TIGER 22, 29, 45

**TIGER 22** 

#### Self-compressive cannulated screw

#### REFERENCE Ø HV2211 HV2213 HV2215 HV2217 HV2219 HV2221 HV2223 HV2225 HV2227 2, HV2229 HV2231 HV2233 HV2235 HV2237 HV2239 HV2241 HV2243 HV2245

#### **TIGER 29**

#### Self compressive cannulated screw

Ø	Length	REFERENCE		Ø	Length	
	11	HV2911	alylomical		11	
	13	HV2913	alphamma (Millianna)		13	
	15	HV2915			15	
	17	HV2917	-		17	
	19	HV2919	apipipina in		19	
	21	HV2921			21	
	23	HV2923	444		23	
	25	HV2925	and sold in contrast of the last		25	
2	27	HV2927	apipipi	2,9	27	
,2	29	HV2929	apipipi	2,3	29	
	31	HV2931	- Spirit Spirit		31	
	33	HV2933	a play a second		33	
	35	HV2935	applying an artist of the second		35	
	37	HV2937	A STATE OF THE STA		37	
	39	HV2939	Spirit in the second se		39	
	41	HV2941	September 1		41	
	43	HV2943	444		43	
	45	HV2945	de la companya della companya della companya de la companya della		45	

#### TIGER 45

#### **Self-compressive cannulated screw** (on request)

# RI

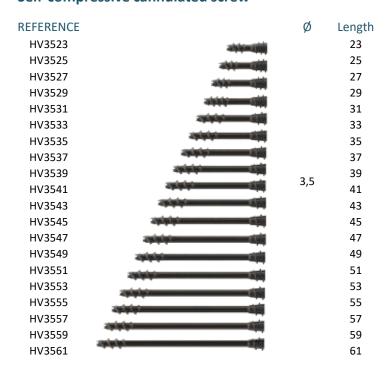
#### TIGER 45

#### Self-compressive, continuous thread, cannulated screw (on request)

				. , ,			
REFERENCE		Ø	Length	REFERENCE		Ø	Length
HV4525			25	CT4525	*****		25
HV4527			27	CT4527	A first from the firs		27
HV4529			29	CT4529	A to the first in the first ind		29
HV4531	The second secon		31	CT4531	The fact that th		31
HV4533	* the bear of the		33	CT4533			33
HV4535	- Architecture - Till		35	CT4535			35
HV4537	A series de la constante de la		37	CT4537			37
HV4539	- Andrews		39	CT4539			39
HV4541			41	CT4541			41
HV4543		4,5	43	CT4543		4,5	43
HV4545			45	CT4545			45
HV4547	***************************************		47	CT4547			47
HV4549			49	CT4549			49
HV4551			51	CT4551			51
HV4553	April 10 miles		53	CT4553			53
HV4555	***		55	CT4555			55
HV4557	44444		57	CT4557			57
HV4559	4444444		59	CT4559			59
HV4561	***		61	CT4561	***********		61

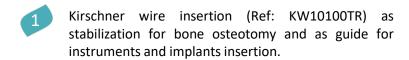
## Product List TIGER 35

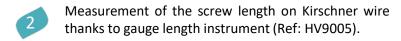
#### **TIGER 35**Self-compressive cannulated screw



#### TIGER 29 Flange



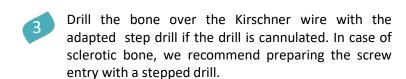




**Note:** for bicortical operation, perform the length measurement with the depth gauge instrument (Ref: HV9020).









TIGER self-compressive screw implanted

4

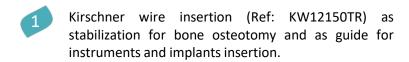
Insert the screw over the Kirschner wire with the screwdriver. (Ref: HVT7F)

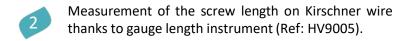
#### **REMOVAL / REVISION**

Should removal or revision of the implant be required: Use the screwdriver (Ref HVT7F or HV9023). Connect the screwdriver to the AO handle (Ref: HV9010). Unscrew properly and directly the TIGER screw and it will be removed.

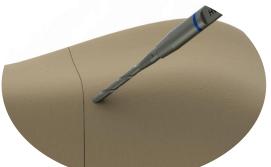
#### TIGER 35 Flange



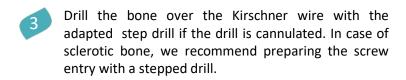


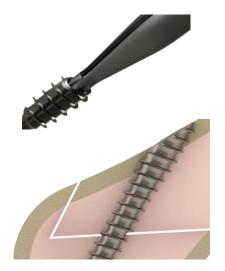


<u>Note:</u> for bicortical operation, perform the length measurement with the depth gauge instrument (Ref: HV9020).









TIGER self-compressive screw implanted

4

Insert the screw over the Kirschner wire with the screwdriver. (Ref: HVT9F)

#### **REMOVAL / REVISION**

Should removal or revision of the implant be required: Use the screwdriver (Ref HVT9F). Connect the screwdriver to the AO handle (Ref: HV9010). Unscrew properly and directly the TIGER screw and it will be removed.

#### **Product List**

#### TIGER 29 Flange TIGER 35 Flange

#### **TIGER 29 Flange**

30° Flanged, self-compressive cannulated screw

REFERENCE	Ø	Lengt
REFERENCE	Ø	h
HV3F2919		19
HV3F2921		21
HV3F2923		23
HV3F2925	2,9	25
HV3F2927	2,9	27
HV3F2929		29
HV3F2931		31
HV3F2933		33

#### **TIGER 35 Flange**

60° Flanged, cannulated screw

REFERENCE		Ø	Length
HV6F3521			21
HV6F3523			23
HV6F3525			25
HV6F3527			27
HV6F3529			29
HV6F3531			31
HV6F3533			33
HV6F3535		3,5	35
HV6F3537	*****************		37
HV6F3539			39
HV6F3541			41
HV6F3543			43
HV6F3545			45
HV6F3547			47
HV6F3549			49
HV6F3551			51
HV6F3553			53
HV6F3555			55

## Surgical Technique TIGER 18/25



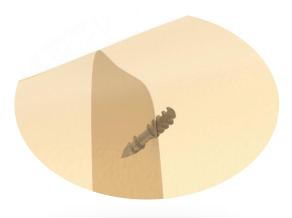


After osteotomy stabilization, Insert the TIGER snap-off threaded pin with surgical power tool.





Break the TIGER snap-off threaded pin flush to the bone surface.





TIGER snap-off threaded pin implanted. If necessary, to tighten the screw further or to remove it, use the 1.5mm hollow hexagonal bit (Ref HV9004)

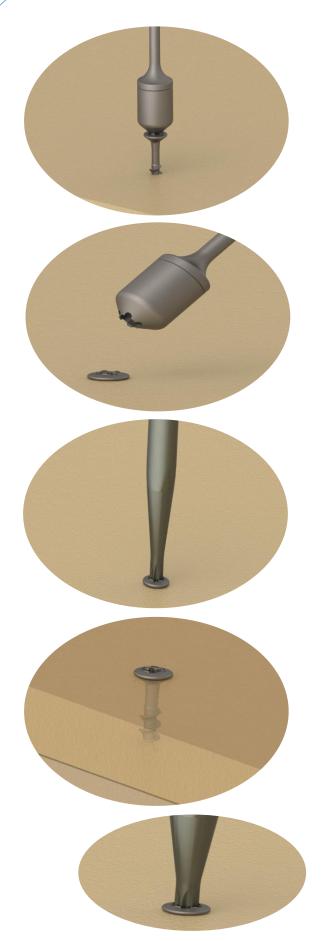


HV9016 - Screw extractor

#### **REMOVAL / REVISION**

Should removal or revision of the implant be required:

Use the screw extractor (Ref HV9016). Connect the screw extractor to the AO handle (Ref: HV9010). Place the screw extractor over the TIGER snap-off threaded pin implanted and unscrew properly. First, the teeth of the screw extractor will rasp the bone. The screw extractor is left threaded instrument. Therefore, keep unscrewing and the TIGER pin will be removed.



- Kirschner wire insertion (Ref: KW10100TR) as stabilization for bone osteotomy and as guide for instruments and implants insertion.
  - The wire coupling of the screw must be pushed in alongside the chuck of the surgical motor so that the screw breaks well at the level of the self-breaking groove.
  - Break the TIGER snap-off threaded pin flush to the bone surface.

If it is necessary, it is possible to end screwing the TIGER W screw with the screwdriver (Ref: HV9023).

TIGER W screw is implanted.

#### **REMOVAL / REVISION**

Should removal or revision of the implant be required: Use the screwdriver (Ref HV9023). Connect the screwdriver to the AO handle (Ref: HV9010). Unscrew properly and directly the TIGER screw and it will be removed.

#### Product List TIGER 18, 25, W

#### **TIGER 18**

#### Snap-off threaded pin

#### REFERENCE Ø Length HV1813 13 HV1815 15 HV1817 17 HV1819 19 HV1821 21 23 HV1823 HV1825 25 HV1827 27 1,8 HV1829 29 HV1831 31 HV1833 33 HV1835 35 HV1837 37 HV1839 39 41 HV1841 HV1843 43 HV1845 45

#### **TIGER 25**

#### **Snap-off threaded pin**

REFERENCE	E	Ø	Length
HV2513	4)million		13
HV2515	</td <td></td> <td>15</td>		15
HV2517	411/1-11/10		17
HV2519	4/4 444		19
HV2521	~1/r/r		21
HV2523	app app		23
HV2525	<1/td>		25
HV2527	444		27
HV2529	<	2,5	29
HV2531			31
HV2533	<1/1/ · · · · · · · · · · · · · · · · · ·		33
HV2535	<1/1/4 B		35
HV2537	<*************************************		37
HV2539	-144-		39
HV2541	444		41
HV2543	444		43
HV2545 ⁴	444		45

#### **TIGER W**

#### **Snap-off Weil screw**

REFERENCE	Ø	Length
WE0009		09
WE0010		10
WE0011		11
WE0012		12
WE0013		13
WE0014		14
WE0015	 2,2	15
WE0016		16
WE0017		17
WE0018		18
WE0019		19
WE0020		20
WE0021		21

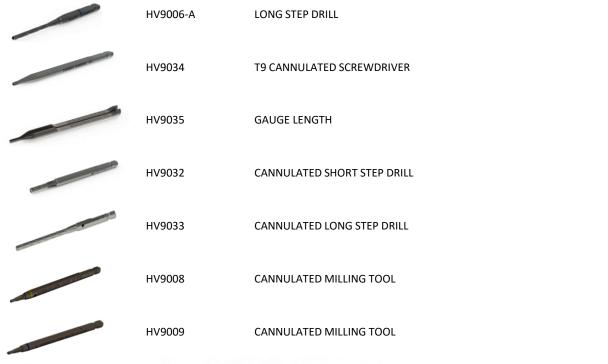
#### **Product List**

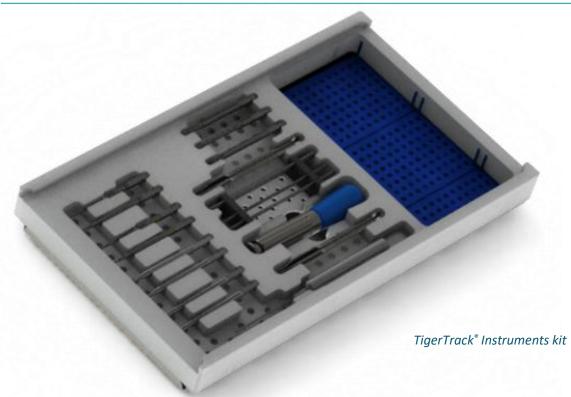
#### Instrumentation KIT

0)	HV9010	AO HANDLE
market to	HV9003	T7 CANNULATED SCREWDRIVER
	HV9004	1,5MM HOLLOW HEXAGONAL SCREWDRIVER
	HV9023	SOLID T7 SCREWDRIVER
and the same of th	HVT7F	T7 CANNULATED SCREWDRIVER FOR FLANGED SCREWS
The same is not a second	HVT9F	T9 CANNULATED SCREWDRIVER FOR FLANGED SCREWS
	HV9005	GAUGE LENGTH
	HV9011-1	K-WIRE CASE
	HV9016	SCREW EXTRACTOR
	HV9024	SHORT STEP DRILL
and the same of th	HV9026	LONG STEP DRILL
	HV9025	CANNULATED SHORT STEP DRILL
	HV9027	CANNULATED LONG STEP DRILL
	HV93523C	CANNULATED SHORT STEP DRILL
	HV93523L	CANNULATED LONG STEP DRILL
	KW10100TR KW08100TR	KIRSCHNER WIRE WITH TROCAR TIP
	HV9015	TIGERTRACK® INSTRUMENT TRAY
	HV9020	DEPTH GAUGE

#### **Product List**

#### Instrumentation KIT





## Legal and regulatory disclaimers

This material is intended for health care professionals. Distribution to any other recipient is prohibited. For product information, including indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert. Check for country product clearances and reference product-specific instructions for use (SUP\_7.017). This is intended for professionals authorized to perform lower limb surgery. Each surgeon should exercise his or her own independent judgment in the diagnosis and treatment of an individual patient. As with all surgical procedures, the technique used in each case will depend on the surgeon's medical judgment as the best treatment for each patient. Results will vary based on health, weight, activity and other variables. Not all patients are candidates for this product and/or procedure.

Caution: Federal (USA) law restricts this device to sale by or on the order of a surgeon.

Availability of these products might vary from a given country or region to another, as a result of specific local regulatory approval or clearance requirements for sale in such country or region. The manufacturer reserves the right, without prior notice, to modify the products in order to improve their quality.

TigerTrack® is registered trademarks of ADSM.

TigerTrack® screws are manufactured in Ti-6Al-4V ELI titanium according to Standard ISO 5832-3 / ASTM F 136. With the exception of the TIGER18 which is manufactured in a chromecobalt alloy according to ISO 5832-7.

#### **MEDICAL DEVICES:**

- TigerTrack® implants Class IIb
- TigerTrack<sup>®</sup> instruments Class IIa
- TigerTrack ® instruments Class Ir
- TigerTrack ® instruments Class I







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