vitta®
calcaneus
system

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Minimally invasive surgery for severe **calcaneal** fractures

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What is Vira®?

Vira® is a system for **reconstruction-arthrodesis** of severe calcaneal fractures, consisting of a nail with holes and screws for fastening to the talus.

Vira® allows...

Reconstruction of fractured calcaneus bone and arthrodesis with the talus, arresting mobility of the subtalar joint through a minimally invasive approach. The objective is to recover the form of the foot and avoid long-term degeneration of the joints.

It can be used for:

- Displaced intra-articular calcaneal fractures.
- Consequences of intra-articular calcaneal fracture, subtalar arthrosis and defective consolidation.

What does Vira® offer?

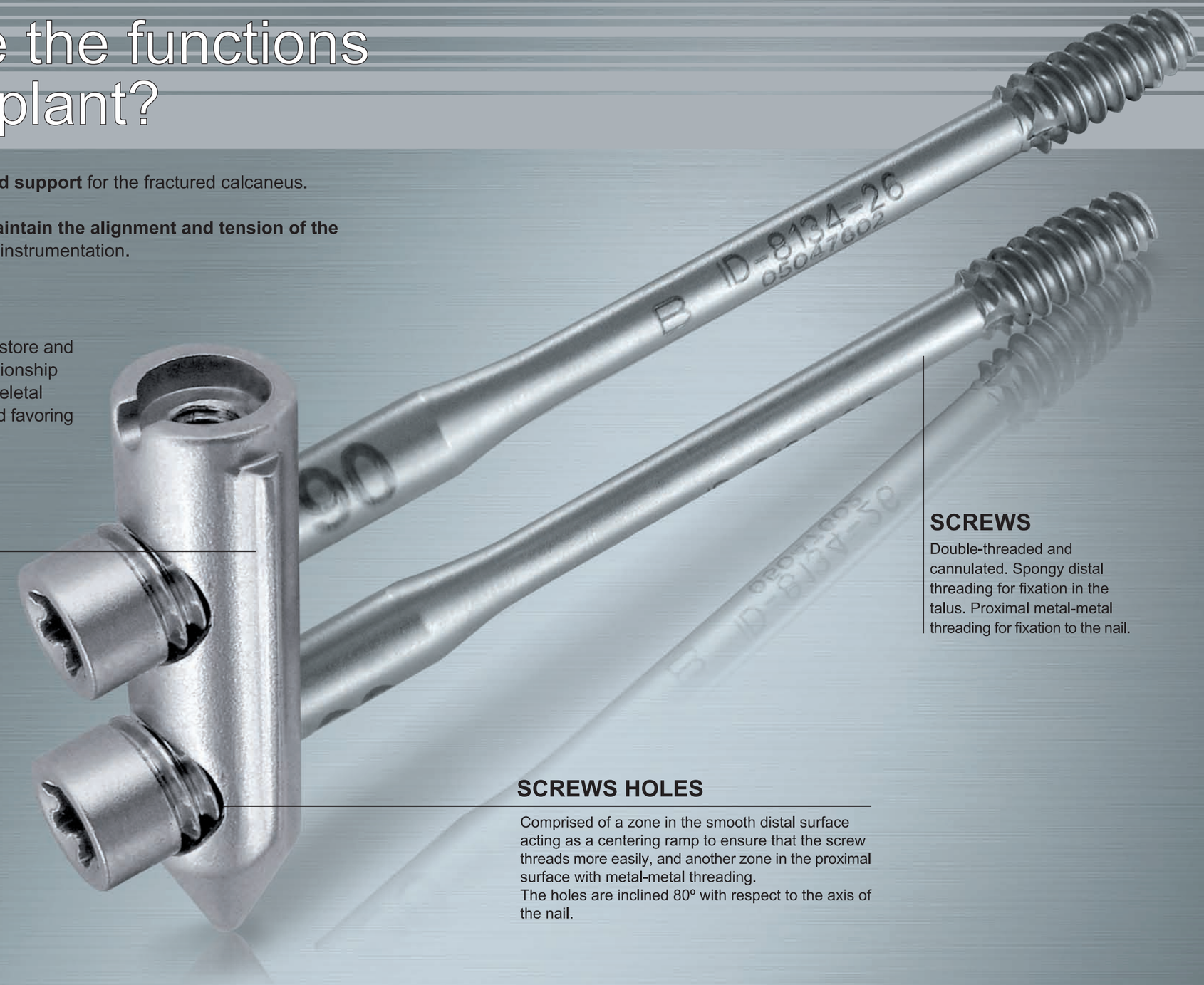
- **Minimally invasive surgery**, closed ceiling reconstruction using cannulation technique.
- **Reconstruction of previous bone shape**, restoring the foot to the normal physiognomy it had prior to the lesion.
- **Elimination of chronic residual pain** through fixation of the subtalar joint.
- **Early mobility and loading**, within approximately two weeks.
- **Specific and simple instrumentation**.

What are the functions of the implant?

1 **The nail affords solidity and support** for the fractured calcaneus.

2 **The tubero-talar screws maintain the alignment and tension of the soft parts** achieved through instrumentation.

In this way, it is possible to restore and maintain the anatomical relationship between the talus and the skeletal structure of the heel, fixing and favoring subtalar arthrodesis.



LATERAL FINS

Ensure rotation control, and facilitate implant insertion.

SCREWS

Double-threaded and cannulated. Spongy distal threading for fixation in the talus. Proximal metal-metal threading for fixation to the nail.

SCREWS HOLES

Comprised of a zone in the smooth distal surface acting as a centering ramp to ensure that the screw threads more easily, and another zone in the proximal surface with metal-metal threading.
The holes are inclined 80º with respect to the axis of the nail.

What is the role of the Vira® guide?

1 **Capture of the greater tuberosity of the calcaneus.**

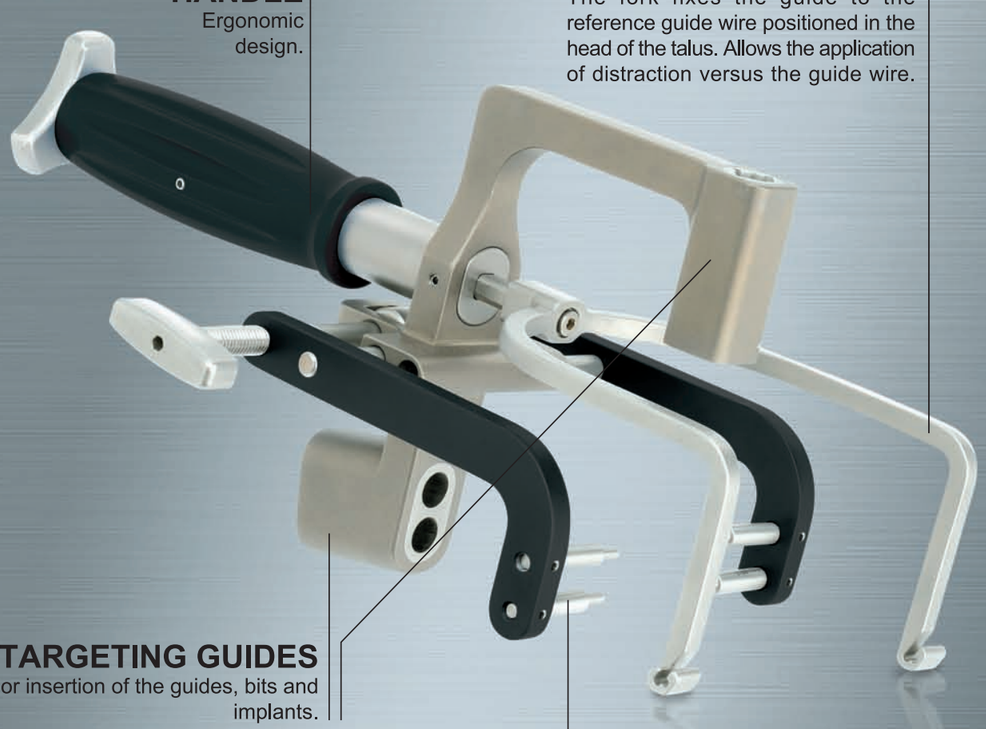
2 **Restoration of axial alignment of the tuberosity.**

3 **Recovery of calcaneal length and height**, bracing soft tissue and freeing the lateral channels.

4 Ensure **minimally invasive implant insertion**.

HANDLE
Ergonomic design.

ADJUSTABLE ARC
The fork fixes the guide to the reference guide wire positioned in the head of the talus. Allows the application of distraction versus the guide wire.



TARGETING GUIDES
For insertion of the guides, bits and implants.

CLAMP Equipped with pins for capturing the greater tuberosity of the calcaneus. Made of carbon fiber to allow radioscopic imaging.

NAIL	ø	L
8134-10	10 mm.	39 mm.
SCREWS		
8134-18	6.5 mm.	50 mm.
8134-19	6.5 mm.	55 mm.
8134-20	6.5 mm.	60 mm.
8134-21	6.5 mm.	65 mm.
8134-22	6.5 mm.	70 mm.
8134-23	6.5 mm.	75 mm.
8134-24	6.5 mm.	80 mm.
8134-25	6.5 mm.	85 mm.
8134-26	6.5 mm.	90 mm.

VIRA SET

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