

Product sheet

VaWiKo proximal humerus plates 4.0/3.5

Item description

VaWiKo proximal humerus plates 4.0/3.5
Item no. 5.07913.xx

Indications

- 2 to 4 part fractures according to Neer, in which there is a sufficient amount of bone substance for a stable anchoring of the screws and from which it can be assumed from a retention of the medial periosteum that there is blood flow to the humeral head.

Contraindications

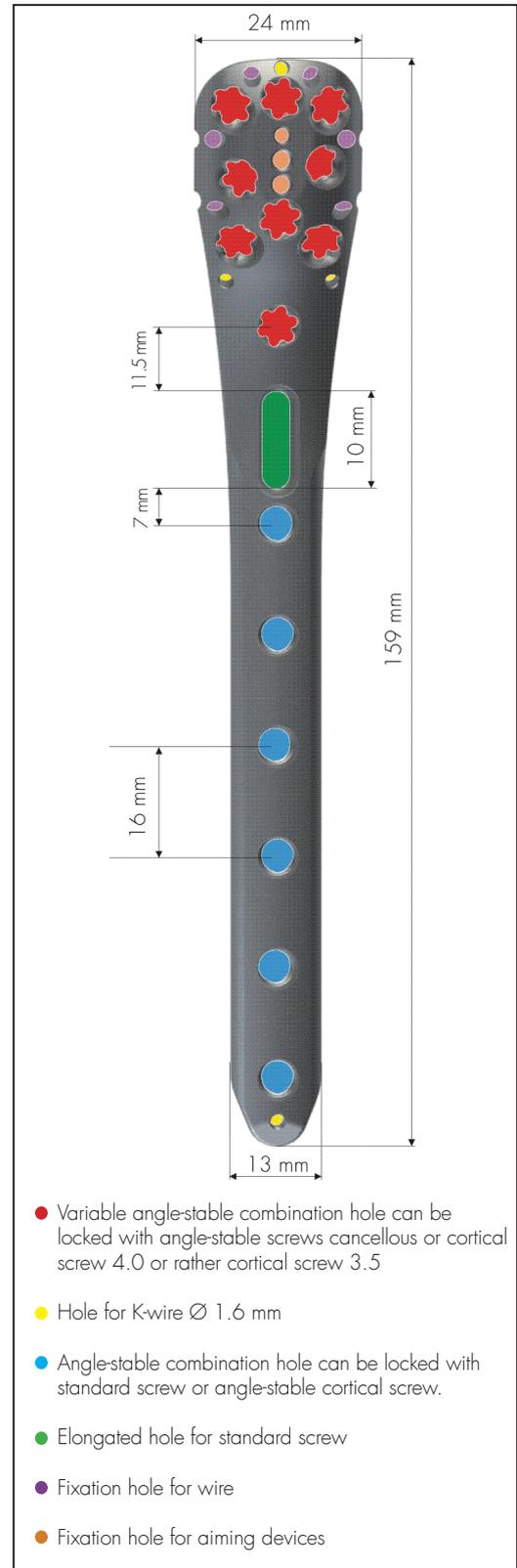
- Allergies to titanium and titanium alloys
- Comminuted fractures of the articular surface of the humeral head
- If there is expected to be insufficient support of the osteosynthesis in the calcar region.

Technical data

- Plate lengths: 77 up to 157 mm
in increments of 16 mm
- Plate thickness: 3 mm
- Plate width (head): 24 mm
- Plate width (shaft): 13 mm
- No. of head holes: 8
- No. of head shaft holes: 3 - 8

Target group

- The treatment with a humerus plate with aiming device is for adult patients.



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Characteristics

- Plate system: VaWiKo head holes
WiKo shaft holes
- Material: titanium
- Surface: TiOB®
- Screwing:
 - A variable locking screw arrangement in conventional treatment is possible.
 - Exclusively a locking screw arrangement in minimally-invasive treatment.
- Kirschner-wire holes: for K-wire Ø 1.6 mm
- Elongated hole: 10 mm
- Other plate holes: fixation holes for wire for the rotator cuff
- Other characteristics: anatomically shaped
applicable on both the right and left sides

Advantages

- As a result of the craniocaudal line of sight and X-ray imaging, it is possible to achieve very good monitoring of the result of the realigning.
- There is a good level of manipulability of the fragments as a result of the threads presented.
- No additional hazard to the important ventromedial blood supply.
- Easy accessibility to the tuberculum majus that is frequently dislocated in the dorsocranial direction.
- Any frequent pre-existing rotator cuff (partial-) ruptures can also be easily treated.
- Safe protection of the axillary nerve.
- If the aiming device system is used, minimally-invasive treatment of the humeral head fracture is possible. Alongside the clearer anatomy during the realigning, the main advantage in the usage of the plate with the associated aiming device lies in a lower amount of operative soft-tissue trauma.

Information

- In Germany the system names VaWiKo® and WiKo® are Registered Trade Marks.
- VaWiKo® is derived from the German designation "Variabel winkelstabile Kombination", which translates into English as "Variable Angle-Stable Combination". This system combines conventional plating technologies with stable locking at variable angles and angle-stable compression.
- The system name WiKo® is derived from the German designation "Winkelstabile Kombination", which translates into English as "Angle-stable Combination". This is a plating technology which offers stable locking at a specified angle. It includes all the angle-stable plates both with and without compression.
- In Germany, in the EU states, Switzerland and in the USA TiOB® is a Registered Trade Mark.