



Ixos®

Distal radius osteosynthesis system





Distal radius osteosynthesis system

Distal radius fractures are among the most frequently encountered fracture types in surgical practice. Building on extensive clinical experience and the established principles of angular stable plate osteosynthesis, the Ixos® system offers a structured and versatile solution for surgical treatment.

The Ixos® radius plating system includes a comprehensive selection of palmar, dorsal, and lateral plates, supporting anatomically appropriate fracture management.

The next generation of Ixos® three-dimensional plates – the P4^{Wave+} and the P6 | P6^{Hook} – has been developed using IPS® data.

By analyzing a wide range of anatomical variations, each individual plate design contributed valuable insights that were fused into the final form of these plate types. The result is that these plates mirror the natural curvature of the radius with their three-dimensional fit.

All plates are compatible with smartDrive® screws.

Only four instruments are required for implantation, supporting standardized and efficient handling in the operating room.

Ixos®

A comprehensive portfolio of
anatomical distal radius plates...



...a great solution for
a broad range of fracture types.



Ixos®

P2

A proven solution –
for **common fractures**



P4

Beyond basics –
for optimized spread
and **styloid support**



P4^{Wave}

A smart watershed line design – for **ulnar support**



P6

The **next generation** –
new three-dimensional anatomical
distal radius plates





P4

- Classic styloid-oriented technique with an anatomical design for styloid support.
- Based on the classic palmar fixation concept, the P4 offers trusted product features in this category.
- Prepositioned screws and anatomical design integrated enables precise and stable fixation, even in complex distal radius fractures.





P4^{Wave}

- Anatomical design following the watershed line principle for ulnar support.
- Prepositioned screws and anatomical design enables precise and stable fixation, even in complex distal radius fractures.
- Minimally invasive plate variant available to support soft tissue preservations.



P6

The next generation of new three-dimensional anatomical distal radius plates



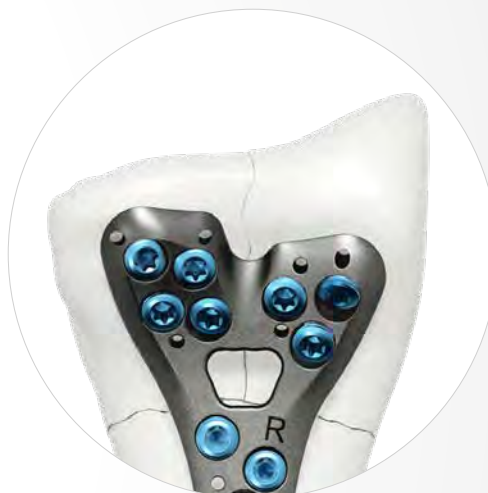


Wing-shaped distal area

- Combines all benefits of our P4 plate (styloid-oriented) and P4^{Wave} plate (ulnar-oriented following the watershed principle).
- Mirrors the natural shape of the distal radius.
- Natural channel for FPL tendon gliding.

Distal reach

- The P6 extends further distally than any other plate in the portfolio without crossing the watershed line.



Double-tiered subchondral support (DSS)

- Distal screws support the central subchondral bone.
- Proximal screws support the dorsal subchondral bone.

P6^{Hook}

The next generation of new three-dimensional anatomical distal radius plates



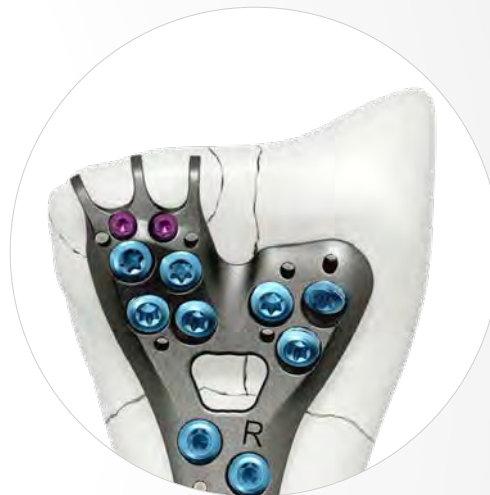


Distal reach

- The P6^{Hook} extends further distally than any other plate in the portfolio.

Hooks on the ulnar side

- Precise intraoperative positioning of the plate due to the distal hooks, supporting surgical accuracy and efficiency.
- Effectively supports to secure volar marginal fragments, ensuring stabilization during the procedure.



Double-tiered subchondral support (DSS)

- Distal screws support the central subchondral bone.
- Proximal screws support the dorsal subchondral bone.

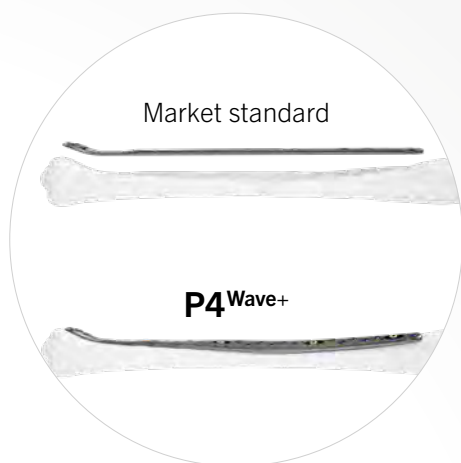
P4^{Wave+}

Designed to go further – 3D-shaped plates extending into the metaphyseal / diaphyseal area.



Trusted design

- Combines anatomical shaft geometry with the proven P4^{Wave} head



Anatomical alignment

- Intuitive fit for improved handling
- The P4^{Wave+} is made for fractures that extend into the shaft offering natural alignment.



Various options

- The new P4^{Wave+} plate is designed for extended metaphyseal / diaphyseal fractures
- Available in three different lengths to suit the individual needs



D4

- The system is completed by atraumatically designed anatomical frame plates for dorsal fixation.
- A variety of multidirectional, angular stable drill holes provides high flexibility during treatment.
- Easy fine-tuning is possible using special bending pliers.



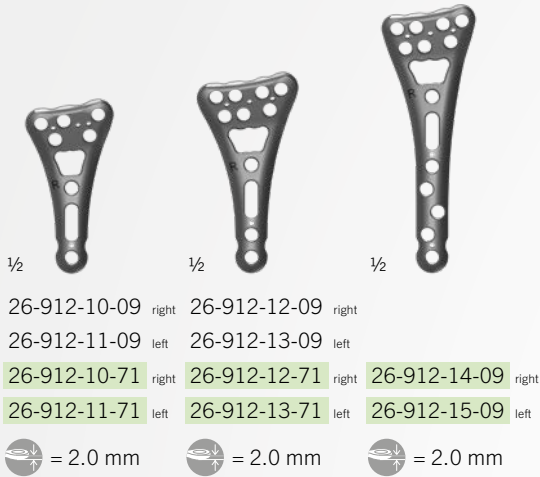
DL4

- Anatomically pre-contoured, small-sized plates for dorso-lateral fixation
- Enables double plating technique according to Rikli and Regazzoni



P2

Length 43 mm	Length 52 mm	Length 71 mm
Width 23 mm	Width 27 mm	Width 24.5 mm



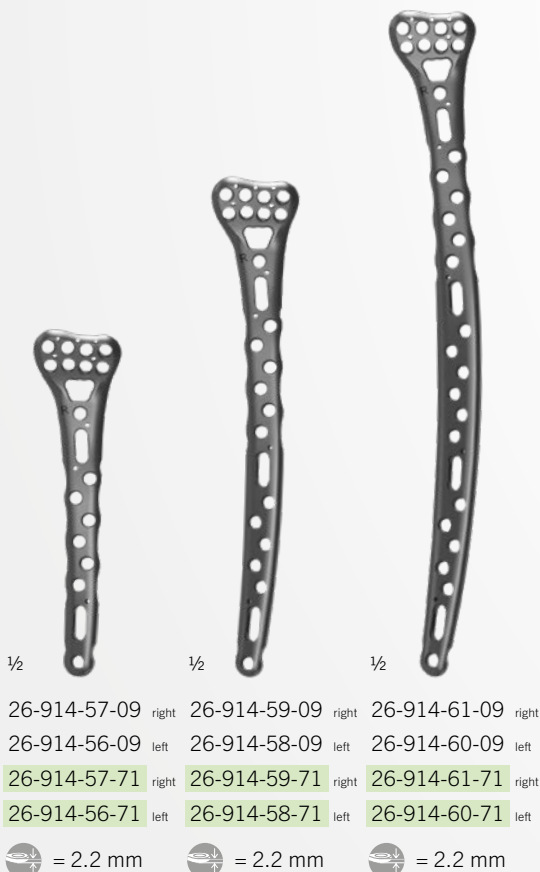
P4

Length 46 mm	Length 43 mm	Length 53 mm	Length 52 mm	Length 95 mm
Width 19 mm	Width 23 mm	Width 23 mm	Width 27 mm	Width 23 mm



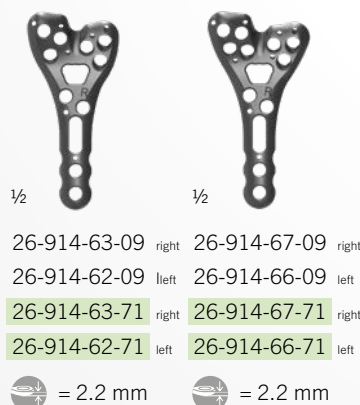
P4Wave+

Length 95 mm	Length 136 mm	Length 182 mm
Width 23 mm	Width 23 mm	Width 23 mm



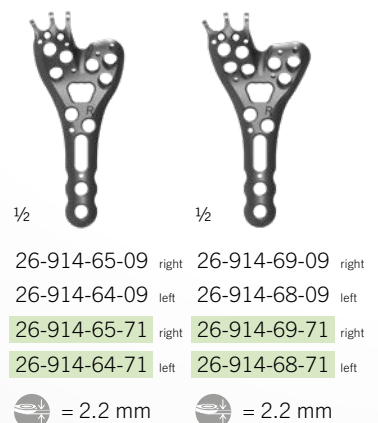
P6

Length 52 mm
Width 23 mm

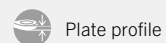


P6Hook

Length 52 mm
Width 27 mm



STERILE Implants in sterile packaging



P4^{Wave} MI

P4^{Wave}

Length 35 mm
Width 22 mm

Length 46 mm
Width 19 mm

Length 43 mm
Width 24 mm

Length 52 mm
Width 24 mm

Length 52 mm
Width 27 mm

Length 70 mm
Width 24 mm

Length 95 mm
Width 24 mm



Mini-Hook

Length 12 mm
Width 9 mm



D4

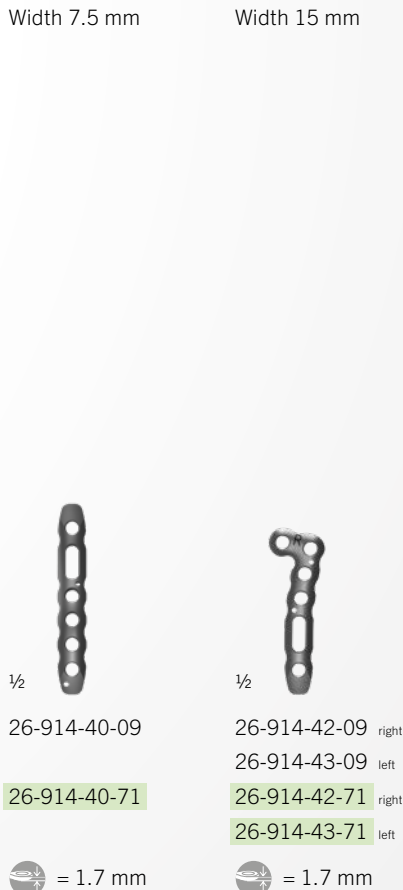
Length 60 mm Width 32 mm Length 60 mm Width 30 mm



DL4

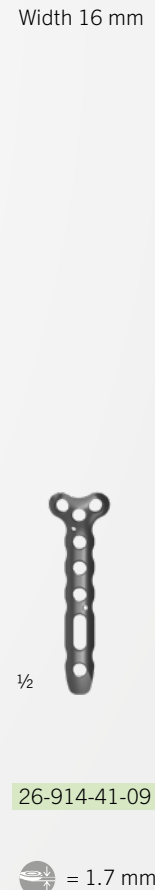
Straight plate
Length 52 mm
Width 7.5 mm

L plate
Length 43 mm
Width 15 mm



PU4

Ulnar plate
Length 52 mm
Width 16 mm



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