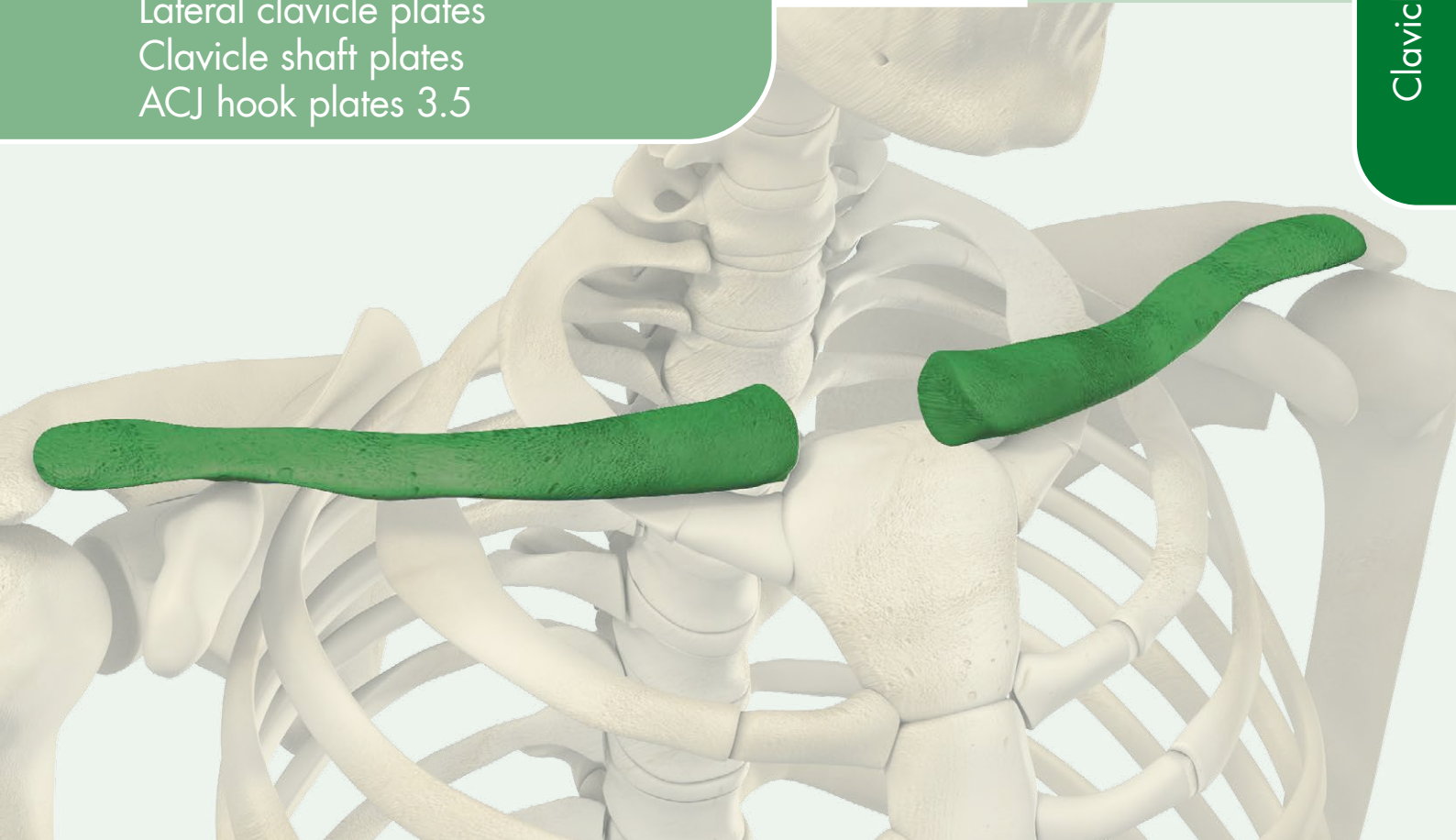


CLAVICLE PLATES

Lateral clavicle plates
Clavicle shaft plates
ACJ hook plates 3.5



variable angle-stable
Lateral clavicle plate 2.7 vas

5.3603.XX	5/4 5/6 holes; right
5.3613.XX	5/4 5/6 holes; left



angle-stable
Clavicle shaft plate 3.5 as

5.3522.XX	6 8 10 holes; right
5.3532.XX	6 8 10 holes; left



variable angle-stable
Clavicle shaft plate 3.5 vas

5.3523.XX	6 8 9 10 holes; right
5.3533.XX	6 8 9 10 holes; left



angle-stable
Lateral clavicle plate 3.5 as

5.3502.XX	3/4 3/6 holes; right
5.3512.XX	3/4 3/6 holes; left



angle-stable – Clavicle shaft plate 3.5
as anterior med.

5.3802.XX	6 7 8 holes; uni
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angle-stable
ACJ hook plate 3.5 as

5.3542.XXXX	offset 14 18; hook 18; right
5.3552.XXXX	offset 14 18; hook 18; left



variable angle-stable
Lateral clavicle plate 3.5 vas

5.3503.XX	3/4 3/6 holes; right
5.3513.XX	3/4 3/6 holes; left



angle-stable – Clavicle shaft plate 3.5
as anterior lat.

5.3812.XX	8 9 10 holes; uni
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variable angle-stable
ACJ hook plate 3.5 vas

5.3563.XX	2/2 2/3 2/6 holes; right
5.3573.XX	2/2 2/3 2/6 holes; left

Absolute surgical indications:

- Open fractures or potential punctures
- Additional neurovascular injuries
- Floating shoulder (clavicle fracture combined with a scapula neck fracture)
- Simultaneous severe chest trauma with serial rib fracture
- Pneumothorax

Surgery indications (partially relative):

Lateral clavicle plates, Clavicle shaft plates and Clavicle shaft plates anterior

- Unstable lateral fractures (type IIa, III and IV according to Jäger and Breitner, type II and V according to Neer)
- Heavily dislocated shaft fractures (angulation, shortening, resulting shoulder asymmetry due to the dislocation of fragments with rotational malposition and shortening) · Comminuted fractures with impending secondary dislocation
- Impending or developed pseudarthrosis
- Secondary dislocations (e.g., after conservative therapy of a Jäger and Breitner type IIb fracture)
- High occupational strains (overhead work)
- Competitive athletes

ACJ hook plates

- AC joint separation type Rockwood III-VI or Tossy type III
- Unstable lateral clavicle fractures (type IIa; if applicable, IIb according to Jäger and Breitner or type II according to Neer)

Target group



- The treatment with a clavicle plate is for adult patients.



Set Clavicle plates 3.5 as

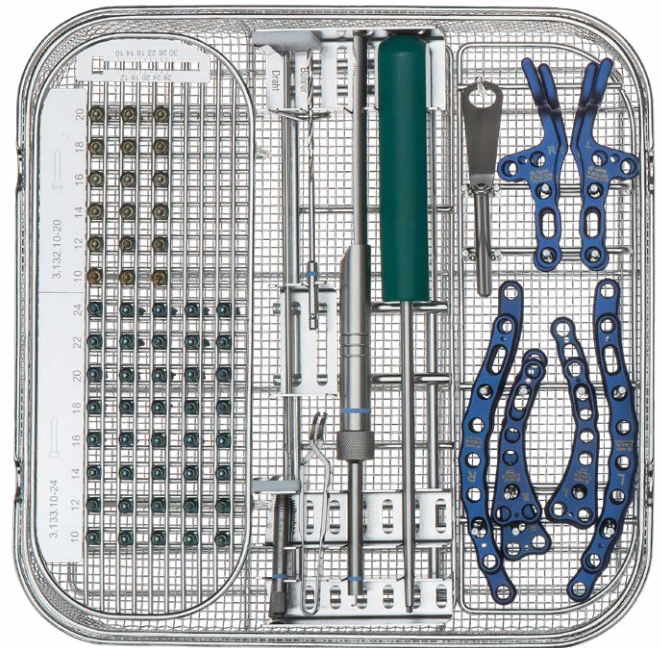
Item no.	Item description	Quant.
Implants – plates		
Lateral clavicle plate 3.5 as; titanium		
5.3502.34	3/4 holes; 65 x 10 mm; right	1
5.3502.36	3/6 holes; 82 x 10 mm; right	1
5.3512.34	3/4 holes; 65 x 10 mm; left	1
5.3512.36	3/6 holes; 82 x 10 mm; left	1

Clavicle shaft plate 3.5 as; titanium		
5.3522.08	8 holes; 99 x 12 mm; right	1
5.3522.10	10 holes; 124 x 12 mm; right	1
5.3532.08	8 holes; 99 x 12 mm; left	1
5.3532.10	10 holes; 124 x 12 mm; left	1

ACJ hook plate 3.5 as; titanium		
5.3542.1418	offset 14; hook 18; right	1
5.3542.1818	offset 18; hook 18; right	1
5.3552.1418	offset 14; hook 18; left	1
5.3552.1818	offset 18; hook 18; left	1

Implants – screws		
Cortical screw 3.5; angle-stable; fully threaded; self tapping; titanium		
 Internal hexagon		
3.133.10	length 10 mm	5
3.133.12	length 12 mm	5
3.133.14	length 14 mm	5
3.133.16	length 16 mm	5
3.133.18	length 18 mm	5
3.133.20	length 20 mm	5
3.133.22	length 22 mm	5
3.133.24	length 24 mm	5

Cortical screw 3.5; fully threaded; self tapping; titanium		
 Internal hexagon		
3.132.10	length 10 mm	3
3.132.12	length 12 mm	3
3.132.14	length 14 mm	3
3.132.16	length 16 mm	3
3.132.18	length 18 mm	3
3.132.20	length 20 mm	3



Set no. 19.478.00  Internal hexagon

Item no.	Item description	Quant.
Instruments		
10.500.27A	drill guide with handle for small fragment; handle length 55	1
2.904.05	drill bit for quick coupling; Ø2.5x105; spiral length 50; double spiral	1
2.9406.25	hex screwdriver with handle for screws Ø2.7-Ø4.0; AF2.5; conical	1
2.953.60	gauge w. clasp for screws w. conical head thread Ø3.5; Ø4.0; measuring range 60	1
2.954.01	screw forceps; self holding	1
2.977.01	drill guide for angle stable screwing; length 45; small fragment	2

Wires		
6.031.16	Kirschner wire with trocar point and round end; Ø1.6x150; st.st.	5

Container		
19.477.00	perforated autoclavable container with inset f.instr./impl.f.clavicle plate SF	1

Optional:
10.520.30 double drill guide Ø2.5/Ø3.5, spring bushing



You can also get the instruments in the following set:
Set Instruments SF IH – Set no. 19.035.001



Set Clavicle plates 3.5 vas

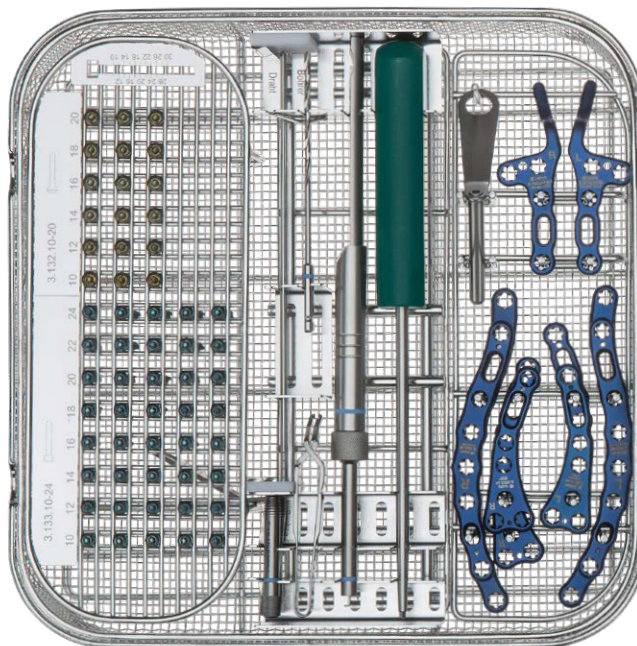
Item no.	Item description	Quant.
Implants – plates		
Lateral clavicle plate 3.5 vas; titanium		
5.3503.34	3/4 holes; 65 x 10 mm; right	1
5.3503.36	3/6 holes; 82 x 10 mm; right	1
5.3513.34	3/4 holes; 65 x 10 mm; left	1
5.3513.36	3/6 holes; 82 x 10 mm; left	1

Clavicle shaft plate 3.5 vas; titanium		
5.3523.08	8 holes; 99 x 12 mm; right	1
5.3523.10	10 holes; 124 x 12 mm; right	1
5.3533.08	8 holes; 99 x 12 mm; left	1
5.3533.10	10 holes; 124 x 12 mm; left	1

ACJ hook plate 3.5 vas; titanium		
5.3563.23/1416	2/3 holes; offset 14; hook 16; right	1
5.3573.23/1416	2/3 holes; offset 18; hook 16; left	1

Implants – screws		
Cortical screw 3.5; angle-stable; fully threaded; self tapping; titanium		
		 Internal hexagon
3.133.10	length 10 mm	5
3.133.12	length 12 mm	5
3.133.14	length 14 mm	5
3.133.16	length 16 mm	5
3.133.18	length 18 mm	5
3.133.20	length 20 mm	5
3.133.22	length 22 mm	5
3.133.24	length 24 mm	5

Cortical screw 3.5; fully threaded; self tapping; titanium		
		 Internal hexagon
3.132.10	length 10 mm	3
3.132.12	length 12 mm	3
3.132.14	length 14 mm	3
3.132.16	length 16 mm	3
3.132.18	length 18 mm	3
3.132.20	length 20 mm	3



Set no. 19.479.00  Internal hexagon

Item no.	Item description	Quant.
Instruments		
10.500.27A	drill guide with handle for small fragment; handle length 55	1
2.904.05	drill bit for quick coupling; Ø2.5x105; spiral length 50; double spiral	1
2.9406.25	hex screwdriver for Ø2.7 - Ø4.0; wrench size 2.5; conical; length 215	1
2.953.60	gauge w. clasp for screws w. conical head thread Ø3.5; Ø4.0; measuring range 60	1
2.954.01	screw forceps; self holding	1
2.977.01	drill guide for angle stable screwing; length 45; small fragment	2
2.977.08	drill guide w.handle for variable angle stable screwing; small fragment; length 45	1

Wires		
6.031.16	Kirschner wire with trocar point and round end; Ø1.6x150; st.st.	5

Container		
19.477.00	perforated autoclavable container with inset f.instr./impl.f.clavicle plate SF	1

Optional:
10.520.30 double drill guide Ø2.5/Ø3.5, spring bushing

You can also get the instruments in the following set:
Set Instruments SF IH – Set no. 19.035.001



- Pure titanium; blue anodised
- Plate thickness 3.0 mm
- Plate width in head 20 mm
- Plate width in shaft 10 mm
- Different plate versions for left and right
- Anatomically shaped plate design
- Long hole facilitates alignment of the plate on the bone
- Combination holes for standard screws or angle-stable cortical screws
- Holes for Kirschner wires \varnothing 1.6 mm for temporary plate fixation



angle-stable
Lateral clavicle plate 3.5 as

3 head holes; width head 20 mm; width shaft 10 mm; titanium		
5.3502.34	4 holes; 65 x 10 mm; right	
5.3502.36	6 holes; 82 x 10 mm; right	
5.3512.34	4 holes; 65 x 10 mm; left	
5.3512.36	6 holes; 82 x 10 mm; left	



variable angle-stable
Lateral clavicle plate 2.7 vas

5 head holes; width head 20 mm; width shaft 10 mm; titanium		
5.3603.54	4 holes; 65 x 10 mm; right	
5.3603.56	6 holes; 82 x 10 mm; right	
5.3613.54	4 holes; 65 x 10 mm; left	
5.3613.56	6 holes; 82 x 10 mm; left	



variable angle-stable
Lateral clavicle plate 3.5 vas

3 head holes; width head 20 mm; width shaft 10 mm; titanium		
5.3503.34	4 holes; 65 x 10 mm; right	
5.3503.36	6 holes; 82 x 10 mm; right	
5.3513.34	4 holes; 65 x 10 mm; left	
5.3513.36	6 holes; 82 x 10 mm; left	

ACJ hook plate 3.5



- Pure titanium; blue anodised
- Plate thickness 3.0 mm
- 2 head holes
- Plate width head 27 mm; plate width shaft 10 mm
- Different plate versions for left and right
- Anatomically shaped plate design
- Long hole facilitates alignment of the plate on the bone
- Combination holes for standard screws or angle-stable cortical screws \varnothing 3.5 mm
- Undercut hole between the two head holes for optional thread fixation



angle-stable ACJ hook plate 3.5 as

width head 27 mm;
width shaft 10 mm; hook 18 mm; titanium

5.3542.1418	offset 14; right	
5.3542.1818	offset 18; right	
5.3552.1418	offset 14; left	
5.3552.1818	offset 18; left	

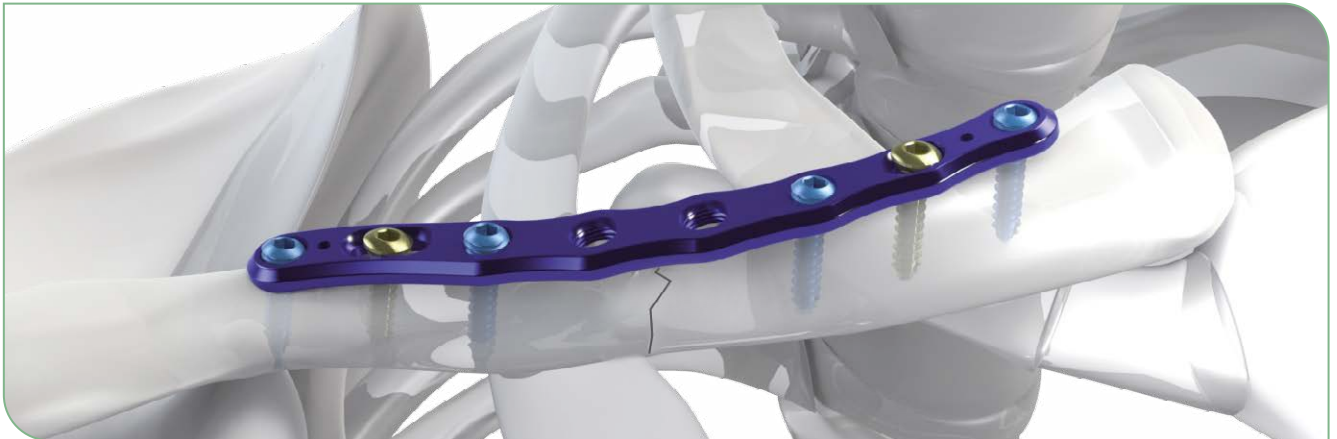


variable angle-stable ACJ hook plate 3.5 vas

width head 27 mm;
width shaft 10 mm; offset 14 mm; hook 16 mm; titanium

5.3563.22/1416	2/2 holes; right	
5.3563.23/1416	2/3 holes; right	
5.3563.26/1416	2/6 holes; right	
5.3573.22/1416	2/2 holes; left	
5.3573.23/1416	2/3 holes; left	
5.3573.26/1416	2/6 holes; left	





- Pure titanium; blue anodised
- Plate thickness 3.0 mm
- Plate width 10 mm
- Different plate versions for left and right
- Anatomically shaped plate design
- Long hole facilitates alignment of the plate on the bone
- DC-holes for fracture compression
- Combination holes for standard screws or angle-stable cortical screws \varnothing 3.5 mm
- Holes for Kirschner wires \varnothing 1.6 mm for temporary plate fixation
- Different plate radii allow better treatment of different shapes of clavicle



The 6-hole plate is intended exclusively for fractures near the sternoclavicular joint and features 1 DC-hole.

The 8+10 hole plates feature 1 DC-hole and 1 long hole.

angle-stable Clavicle shaft plate 3.5 as

width 12 mm; titanium		
5.3522.06	6 holes; 75 mm; right	
5.3522.08	8 holes; 99 mm; right	
5.3522.10	10 holes; 124 mm; right	
5.3532.06	6 holes; 75 mm; left	
5.3532.08	8 holes; 99 mm; left	
5.3532.10	10 holes; 124 mm; left	



Clavicle shaft plate 3.5 as



variable angle-stable Clavicle shaft plates 3.5 vas



Clavicle shaft plate 3.5 vas R70

width 12 mm; titanium		
5.3523.09/70	9 holes; 107 mm; right	
5.3533.09/70	9 holes; 107 mm; left	



The 6-hole plate is intended exclusively for fractures near the sternoclavicular joint and features 1 DC-hole.

The 8+10-hole plates feature 1 DC-hole and 1 long hole.

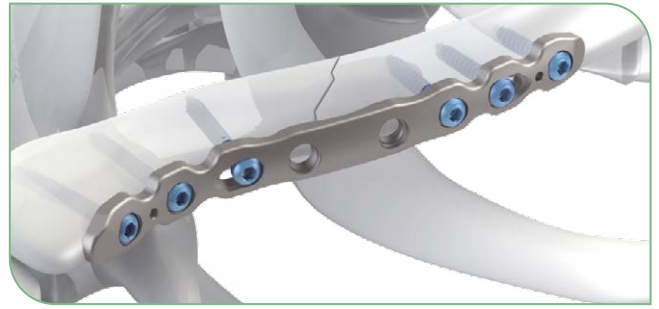
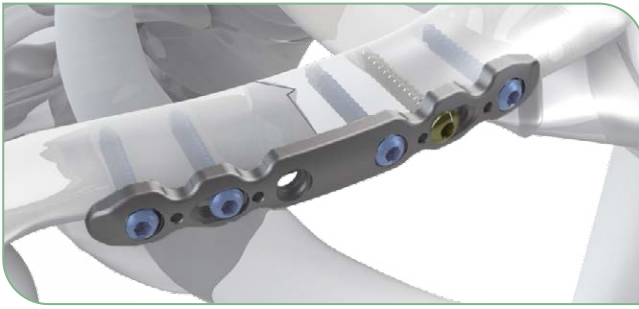
Clavicle shaft plate 3.5 vas R95

width 12 mm; titanium		
5.3523.06	6 holes; 75 mm; right	
5.3523.08	8 holes; 99 mm; right	
5.3523.10	10 holes; 124 mm; right	
5.3533.06	6 holes; 75 mm; left	
5.3533.08	8 holes; 99 mm; left	
5.3533.10	10 holes; 124 mm; left	



Clavicle shaft plate 3.5 vas R105

width 12 mm; titanium		
5.3533.09/105	9 holes; 111 mm; left	
5.3523.09/105	9 holes; 111 mm; right	



- Titanium; TiOB®
- Plate thickness 3.5 mm
- Uniform plate versions for left and right
- Anatomically shaped plate design
- Angle stable compression holes for fracture compression
- Combination holes for standard screws or angle-stable cortical screws Ø 3.5 mm
- Holes for Kirschner wires Ø 1.6 mm for temporary plate fixation
- Flattened plate ends for easier insertion of the implant

The anterior position of the plates provides good soft tissue coverage, so that mechanical irritation of the covered skin or subcutis can usually be avoided. In agreement with the patient, implant removal is therefore not absolutely necessary.



Clavicle shaft plates 3.5 as anterior med.

width 10 mm; titanium; TiOB		
5.3802.06	6 holes; length 80 mm	
5.3802.07	7 holes; length 91 mm	
5.3802.08	8 holes; length 103 mm	

Clavicle shaft plates 3.5 as anterior lat.

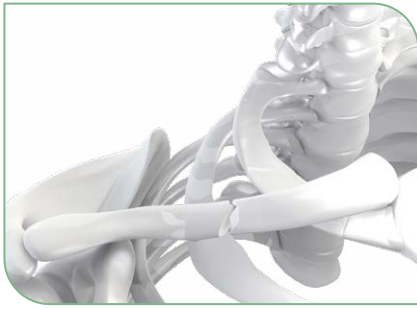
width 10 mm; titanium; TiOB		
5.3812.08	8 holes; length 105 mm	
5.3812.09	9 holes; length 117 mm	
5.3812.10	10 holes; length 128 mm	

Information

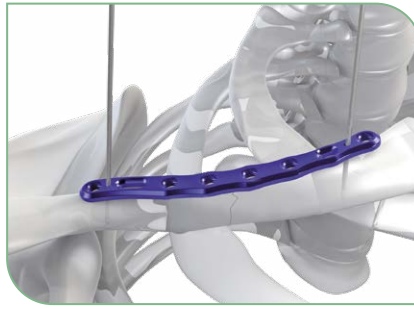
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Implantation Clavicle shaft plate 3.5

The implantation of the other plates from the clavicle range is performed analogously to the Clavicle shaft plate 3.5



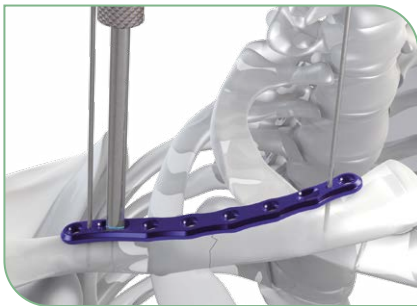
Fracture



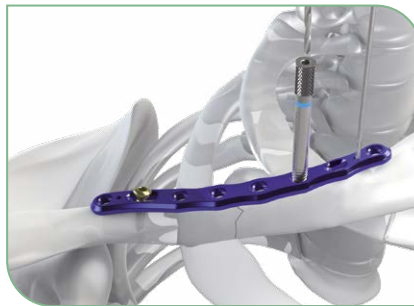
Positioning the plate



Drilling



Length measurement



Drilling angle-stable/variable angle-stable



Implanted plate

Contact details



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This document replaces neither the surgical instruction nor the technical introduction of the product application.
For detailed information: <https://ksi.online-ifu.com>

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CLAVICLE PLATES

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