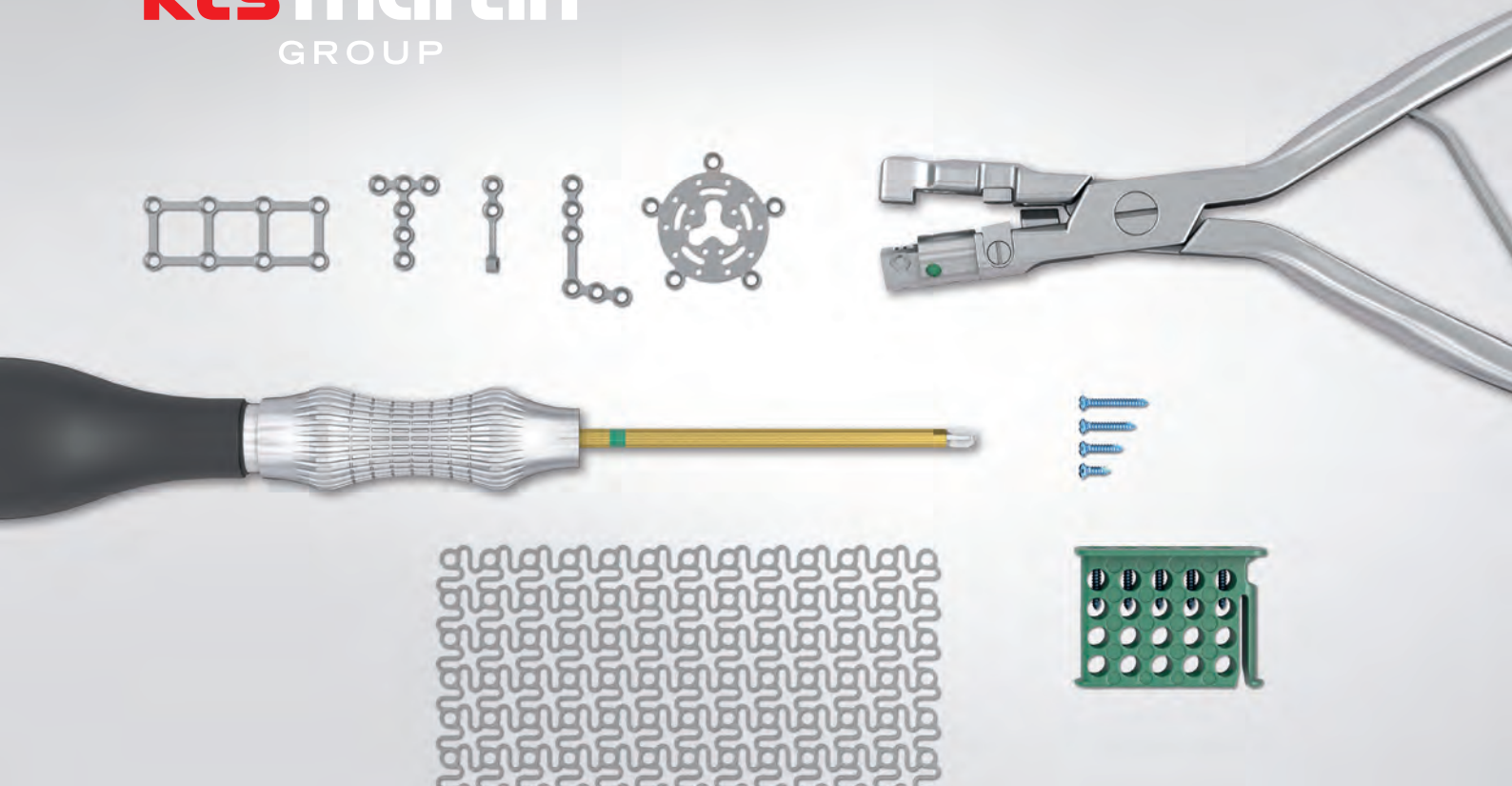




LevelOne Fixation

Osteosynthesis 1.5 Micro



Oral and maxillofacial surgery is our passion! We also want to continue our development along with our customers. Day in, day out, we work to develop innovative products and services that satisfy the highest quality demands and contribute to the patient's well-being.

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Feature, function and benefit



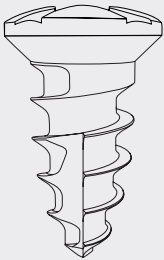
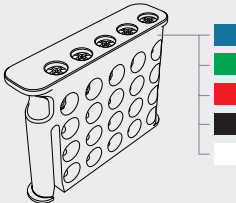
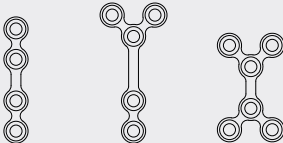
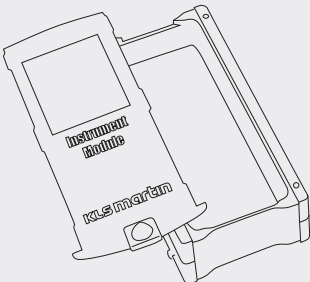
With LevelOne, KLS Martin offers a comprehensive system for plate and screw osteosynthesis. A clearly structured variety of implants, universally applicable and designed for specific applications, covers the most diverse areas of oral and maxillofacial surgery.

The storage system consists of basic modules, storage modules, and color-coded screw storage packs that can be filled individually and combined according to requirements.

This offers surgeons the option of choosing between preconfigured modules or configuring their own system. There are no limits to the configuration options.

LevelOne – a coherent approach that has become indispensable in osteosynthesis.

LevelOne – implants

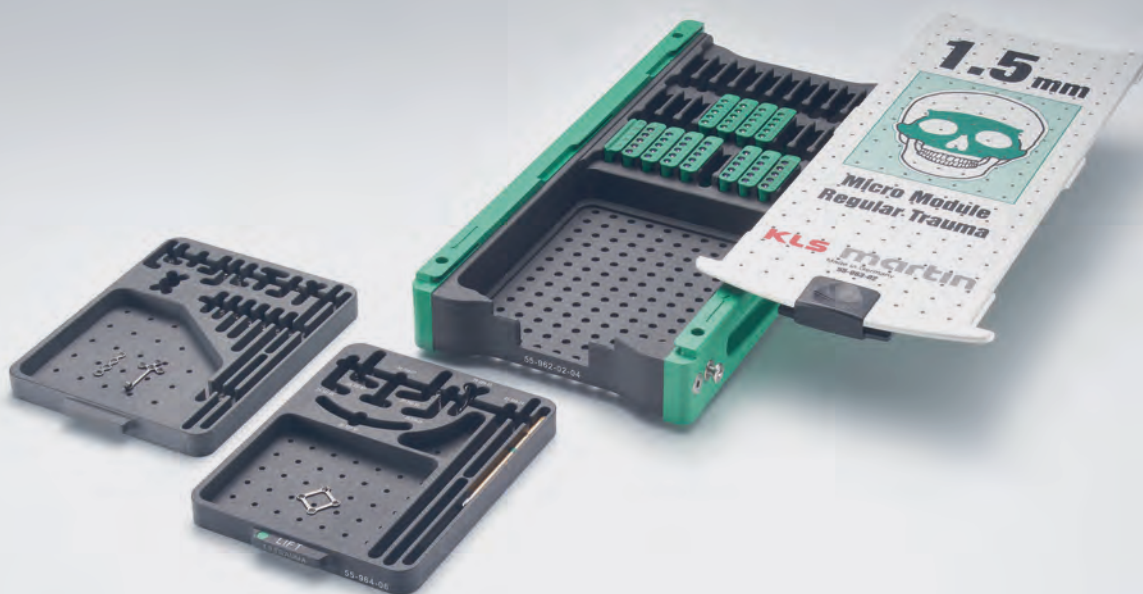
	Feature and function	Benefit
maxDrive® screws 	■ Predefined, self-centering guidance ■ Self-retaining mechanism ■ Various designs ■ Standard ■ Drill-Free ■ Emergency Ø 1.8 mm	■ Easy pick-up and insertion of the screw ■ Can be screwed in at an angle ■ Direct force transfer from the screwdriver blade to the screw ■ Screw variance for multiple application options
Clip magazines and instruments 	■ Color-coded screw clips and instruments	■ Quick and easy identification of corresponding implants and instruments
Plates 	Variety of plate designs ■ Universal plate geometries ■ Specific implant designs	■ Versatile coverage of a very wide range of applications
Storage 	■ Freely combinable LevelOne storage modules	■ Compact storage for instruments and implants ■ Flexibility and adaptation to individual customer requirements

LevelOne Fixation

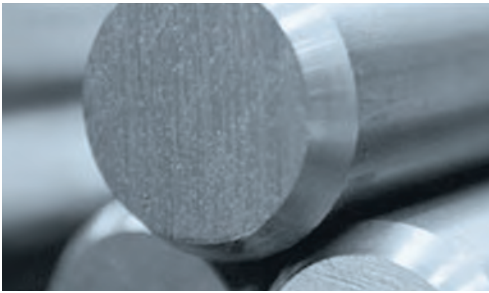
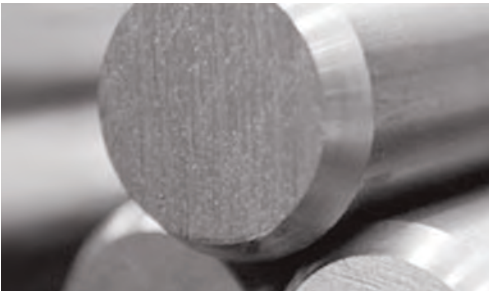
Fields of use

The possible areas of application are as diverse as the LevelOne system itself:

- Midface trauma
- Orthognathic surgery
- Orthodontic anchoring
- Craniofacial surgery
- Neurosurgery
- Fixation of bone grafts



Overview of materials

		
	Plates	Screws
Materials	 Pure titanium in implant quality	 Titanium alloy in implant quality Ti-6Al-4V
Standards	DIN ISO 5832-2 DIN 17850 ASTM F 67	DIN ISO 5832-3 DIN 17851 ASTM F 136a

Micro screws 1.5 mm

maxDrive®   1 5

Micro screws Ø 1.5 mm self-retaining

	Ø x L (mm)	maxDrive® 5	STERILE R 5	STERILE R 1
	1.5 x 3.5 mm	25-875-03-09	25-875-03-75	25-875-03-71
	1.5 x 4 mm	25-875-04-09	25-875-04-75	25-875-04-71
	1.5 x 5 mm	25-875-05-09	25-875-05-75	25-875-05-71
	1.5 x 6 mm	25-875-06-09	25-875-06-75	25-875-06-71
	1.5 x 7 mm	25-875-07-09	25-875-07-75	25-875-07-71
	1.5 x 8 mm	25-875-08-09	25-875-08-75	25-875-08-71
	1.5 x 9 mm	25-875-09-09	25-875-09-75	25-875-09-71
	1.5 x 11 mm	25-875-11-09	25-875-11-75	25-875-11-71
	1.5 x 13 mm	25-875-13-09	25-875-13-75	25-875-13-71
	1.5 x 15 mm	25-875-15-09	25-875-15-75	25-875-15-71
	1.5 x 17 mm	25-875-17-09		
	1.5 x 19 mm	25-875-19-09		

Emergency screws Ø 1.8 mm self-retaining

	Ø x L (mm)	maxDrive® 5	STERILE R 5	STERILE R 1
	1.8 x 3.5 mm	25-876-03-09	25-876-03-75	25-876-03-71
	1.8 x 4 mm	25-876-04-09		
	1.8 x 5 mm	25-876-05-09	25-876-05-75	25-876-05-71
	1.8 x 7 mm	25-876-07-09	25-876-07-75	25-876-07-71

Drill-free screws Ø 1.5 mm self-retaining

	Ø x L (mm)	maxDrive® 5	STERILE R 5	STERILE R 1
	1.5 x 3.5 mm	25-878-03-09		25-878-03-71
	1.5 x 4 mm	25-878-04-09	25-878-04-75	25-878-04-71
	1.5 x 5 mm	25-878-05-09	25-878-05-75	25-878-05-71
	1.5 x 6 mm	25-878-06-09	25-878-06-75	25-878-06-71
	1.5 x 7 mm	25-878-07-09	25-878-07-75	25-878-07-71



Explanation of icons

Ti Titanium alloy

 maxDrive®

 Centre-Drive®

1 Units/pack

STERILE | R Sterile packed implants

Centre-Drive® **Ti** **5**

Micro screws Ø 1.5 mm self-retaining



Ø x L (mm)	Centre-Drive®	STERILE R
1.5 x 3.5 mm	25-665-03-09	25-665-03-75
1.5 x 4 mm	25-665-04-09	25-665-04-75
1.5 x 5 mm	25-665-05-09	25-665-05-75
1.5 x 6 mm	25-665-06-09	25-665-06-75
1.5 x 7 mm	25-665-07-09	25-665-07-75
1.5 x 8 mm	25-665-08-09	25-665-08-75
1.5 x 9 mm	25-665-09-09	25-665-09-75
1.5 x 11 mm	25-665-11-09	25-665-11-75
1.5 x 13 mm	25-665-13-09	25-665-13-75
1.5 x 15 mm	25-665-15-09	25-665-15-75

Emergency screws Ø 1.8 mm self-retaining



Ø x L (mm)	Centre-Drive®	STERILE R
1.8 x 3.5 mm	25-666-03-09	25-666-03-75
1.8 x 5 mm	25-666-05-09	25-666-05-75
1.8 x 7 mm	25-666-07-09	25-666-07-75

Drill-free screws Ø 1.5 mm self-retaining



Ø x L (mm)	Centre-Drive®	STERILE R
1.5 x 4 mm	25-668-04-09	25-668-04-75
1.5 x 5 mm	25-668-05-09	25-668-05-75
1.5 x 6 mm	25-668-06-09	25-668-06-75
1.5 x 7 mm	25-668-07-09	25-668-07-75

Implants: midface and universal osteosynthesis plates

Smart orbital groove plates



1/1

25-044-32-09 Ti 1

25-044-32-71 Ti 1

Smart orbital groove floor plate
3D-pre-shaped, for left orbita

 = 0.4 mm



25-044-33-09 Ti 1

25-044-33-71 Ti 1

Smart orbital groove floor plate
3D-pre-shaped, for right orbita

 = 0.4 mm



Explanation of icons

Ti Pure titanium

 Plate profile

1 Units/pack

STERILE IR Sterile packed implants

Smart orbital grid plates



1/1

25-045-35-09 **Ti** **1**
25-045-35-71 **Ti** **1**

Smart orbital groove floor plate
size S

3D-pre-shaped, for left orbita

 = 0.5 mm



25-045-36-09 **Ti** **1**
25-045-36-71 **Ti** **1**

Smart orbital groove floor plate
size S

3D-pre-shaped, for right orbita

 = 0.5 mm



25-045-40-09 **Ti** **1**
25-045-40-71 **Ti** **1**

Smart orbital groove floor plate
size L

3D-pre-shaped, for left orbita

 = 0.5 mm



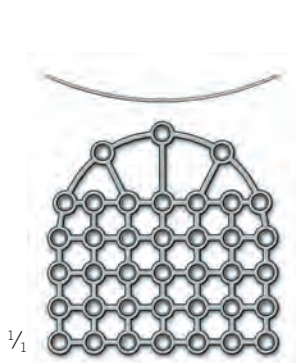
25-045-41-09 **Ti** **1**
25-045-41-71 **Ti** **1**

Smart orbital groove floor plate
size L

3D-pre-shaped, for right orbita

 = 0.5 mm

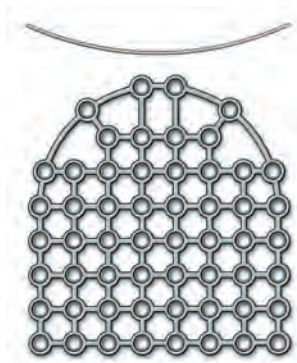
Implants: midface and universal osteosynthesis plates



25-042-15-09    = 0.3 mm

25-042-15-71    = 0.3 mm

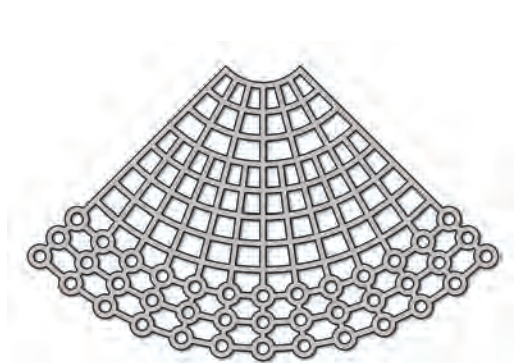
Mesh for orbital floor, pre-shaped



25-042-16-09    = 0.3 mm

25-042-16-71    = 0.3 mm

Mesh for orbital floor, pre-shaped



25-043-16-09    = 0.2 mm

25-043-17-09    = 0.3 mm

Mesh for orbital floor



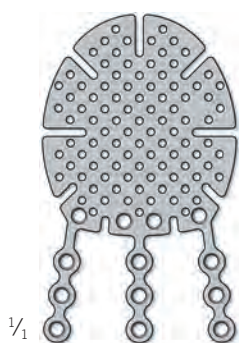
Explanation of icons

Ti Pure titanium

 Plate profile

1 Units/pack

STERILE IR Sterile packed implants



1/1

25-043-09-09 **Ti** **1**  = 0.3 mm

25-043-09-71 **Ti** **1**  = 0.3 mm

Mesh for orbital floor

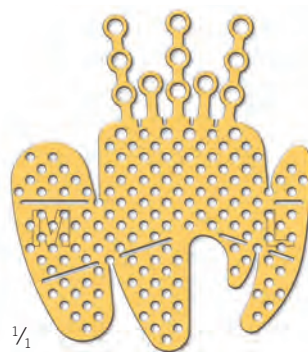


1/1

25-043-01-09 **Ti** **1**  = 0.3 mm

25-043-01-71 **Ti** **1**  = 0.3 mm

Mesh for orbital floor



1/1

25-043-02-09 **Ti** **1**  = 0.5 mm

25-043-02-71 **Ti** **1**  = 0.5 mm

Mesh for orbital floor

$\frac{1}{4}$ 			
25-302-12-09 Ti 5	25-302-70-09 Ti 5	25-304-00-09 Ti 5	25-304-55-09 Ti 5
25-302-12-91 Ti 1	25-302-70-91 Ti 1	25-304-00-91 Ti 1	25-304-55-91 Ti 1
25-302-12-71 Ti 1	25-302-70-71 Ti 1	25-304-00-71 Ti 1	25-304-55-71 Ti 1
 = 0.6 mm	 = 0.6 mm	 = 0.6 mm	 = 0.6 mm
25-302-12-89 Al 1	25-302-70-89 Al 1	25-304-00-89 Al 1	25-304-55-89 Al 1

$\frac{1}{4}$ 			
25-304-70-09 Ti 5	25-304-85-09 Ti 5	25-306-00-09 Ti 5	25-306-55-09 Ti 5
25-304-70-91 Ti 1	25-304-85-91 Ti 1	25-306-00-91 Ti 1	25-306-55-91 Ti 1
25-304-70-71 Ti 1	25-304-85-71 Ti 1	25-306-00-71 Ti 1	25-306-55-71 Ti 1
 = 0.6 mm	 = 0.6 mm	 = 0.6 mm	 = 0.6 mm
25-304-70-89 Al 1	25-304-85-89 Al 1	25-306-00-89 Al 1	25-306-55-89 Al 1

$\frac{1}{4}$ 	
25-306-70-09 Ti 5	25-306-85-09 Ti 5
25-306-70-91 Ti 1	25-306-85-91 Ti 1
25-306-70-71 Ti 1	25-306-85-71 Ti 1
 = 0.6 mm	 = 0.6 mm
25-306-70-89 Al 1	25-306-85-89 Al 1



25-308-00-09

25-308-00-91

25-308-00-71

= 0.6 mm

25-308-00-89



25-316-00-09

25-316-00-91

25-316-00-71

= 0.6 mm

25-316-00-89

Explanation of icons

- Pure titanium
- Bending template/aluminum
- Plate profile
- Units/pack

STERILE IR Sterile packed implants



25-320-00-09

25-320-00-91

25-320-00-71

= 0.6 mm

25-320-00-89



25-330-24-09

25-330-24-71

= 0.6 mm

25-330-24-89



25-325-06-09

25-325-06-91

25-325-06-71

= 0.6 mm

25-325-06-89



25-325-08-09

25-325-08-91

25-325-08-71

= 0.6 mm

25-325-08-89



25-325-10-09

25-325-10-91

25-325-10-71

= 0.6 mm

25-325-10-89

$\frac{1}{4}$



25-310-55-09 Ti 5
 25-310-55-91 Ti 1
 25-310-55-71 Ti 1
 = 0.6 mm

25-310-55-89 Al 1



25-311-55-09 Ti 5
 25-311-55-91 Ti 1
 25-311-55-71 Ti 1
 = 0.6 mm

25-310-55-89 Al 1



25-310-70-09 Ti 5
 25-310-70-91 Ti 1
 25-310-70-71 Ti 1
 = 0.6 mm

25-310-70-89 Al 1



25-311-70-09 Ti 5
 25-311-70-91 Ti 1
 25-311-70-71 Ti 1
 = 0.6 mm

25-310-70-89 Al 1

$\frac{1}{4}$



25-310-85-09 Ti 5
 25-310-85-91 Ti 1
 25-310-85-71 Ti 1
 = 0.6 mm

25-310-85-89 Al 1



25-311-85-09 Ti 5
 25-311-85-91 Ti 1
 25-311-85-71 Ti 1
 = 0.6 mm

25-310-85-89 Al 1



25-312-55-09 Ti 5
 25-312-55-91 Ti 1
 25-312-55-71 Ti 1
 = 0.6 mm

25-312-55-89 Al 1



25-313-55-09 Ti 5
 25-313-55-91 Ti 1
 25-313-55-71 Ti 1
 = 0.6 mm

25-312-55-89 Al 1

$\frac{1}{4}$



25-312-70-09 Ti 5
 25-312-70-91 Ti 1
 25-312-70-71 Ti 1
 = 0.6 mm

25-312-70-89 Al 1



25-313-70-09 Ti 5
 25-313-70-91 Ti 1
 25-313-70-71 Ti 1
 = 0.6 mm

25-312-70-89 Al 1



25-312-85-09 Ti 5
 25-312-85-91 Ti 1
 25-312-85-71 Ti 1
 = 0.6 mm

25-312-85-89 Al 1



25-313-85-09 Ti 5
 25-313-85-91 Ti 1
 25-313-85-71 Ti 1
 = 0.6 mm

25-312-85-89 Al 1



1/1

25-314-85-09 Ti 5
 25-314-85-91 Ti 1
 25-314-85-71 Ti 1

= 0.6 mm

25-314-85-89 Al 1



25-315-85-09 Ti 5
 25-315-85-91 Ti 1
 25-315-85-71 Ti 1

= 0.6 mm

25-314-85-89 Al 1

Explanation of icons

- Ti Pure titanium
- Al Bending template/aluminum
- Plate profile
- 1 Units/pack
- STERILE IR Sterile packed implants



1/1

25-330-70-09 Ti 5
 25-330-70-91 Ti 1
 25-330-70-71 Ti 1

= 0.6 mm



25-331-70-09 Ti 5
 25-331-70-91 Ti 1
 25-331-70-71 Ti 1

= 0.6 mm



100°

25-330-05-09 Ti 1
 25-330-05-71 Ti 1

= 0.6 mm

25-330-05-89 Al 1

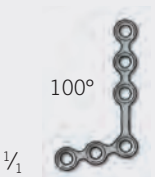


100°

25-331-05-09 Ti 1
 25-331-05-71 Ti 1

= 0.6 mm

25-330-05-89 Al 1



1/1

25-330-85-09 Ti 5
 25-330-85-91 Ti 1
 25-330-85-71 Ti 1

= 0.6 mm

25-330-85-89 Al 1



25-331-85-09 Ti 5
 25-331-85-91 Ti 1
 25-331-85-71 Ti 1

= 0.6 mm

25-330-85-89 Al 1



100°

25-330-10-09 Ti 5
 25-330-10-91 Ti 1
 25-330-10-71 Ti 1

= 0.6 mm



100°

25-331-10-09 Ti 5
 25-331-10-91 Ti 1
 25-331-10-71 Ti 1

= 0.6 mm



25-336-11-09 Ti 5
 25-336-11-91 Ti 1
 25-336-11-71 Ti 1
 = 0.6 mm



25-337-11-09 Ti 5
 25-337-11-91 Ti 1
 25-337-11-71 Ti 1
 = 0.6 mm



25-315-06-09 Ti 5
 25-315-06-91 Ti 1
 25-315-06-71 Ti 1
 = 0.6 mm

25-315-06-89 Al 1



25-316-06-91 Ti 1
 = 0.6 mm



25-317-06-91 Ti 1
 = 0.6 mm



25-330-07-09 Ti 1
 25-330-07-71 Ti 1
 = 0.6 mm

25-330-07-89 Al 1



25-320-55-09 Ti 5
 25-320-55-91 Ti 1
 25-320-55-71 Ti 1
 = 0.6 mm

25-320-55-89 Al 1



25-320-70-09 Ti 5
 25-320-70-91 Ti 1
 25-320-70-71 Ti 1
 = 0.6 mm

25-320-70-89 Al 1



25-320-85-09 Ti 5
 25-320-85-91 Ti 1
 25-320-85-71 Ti 1
 = 0.6 mm

25-320-85-89 Al 1



25-329-05-09 Ti 1
 25-329-05-71 Ti 1
 = 0.6 mm

25-329-05-89 Al 1

1/1



25-322-55-09 Ti 5

25-322-55-91 Ti 1

25-322-55-71 Ti 1

= 0.6 mm

25-322-55-89 Al 1



25-322-70-09 Ti 5

25-322-70-91 Ti 1

25-322-70-71 Ti 1

= 0.6 mm

25-322-70-89 Al 1

Explanation of icons



Pure titanium



Bending template/aluminum



Plate profile



Units/pack



Sterile packed implants

1/1



25-322-85-09 Ti 5

25-322-85-91 Ti 1

25-322-85-71 Ti 1

= 0.6 mm

25-322-85-89 Al 1



25-326-55-09 Ti 5

25-326-55-91 Ti 1

25-326-55-71 Ti 1

= 0.6 mm

25-326-55-89 Al 1

1/1



25-329-01-09 Ti 1

25-329-01-71 Ti 1

= 0.6 mm

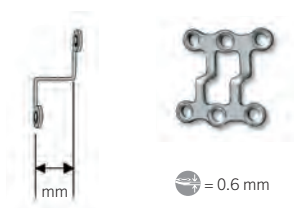


25-329-02-09 Ti 1

25-329-02-71 Ti 1

= 0.6 mm

Implants: orthognathics

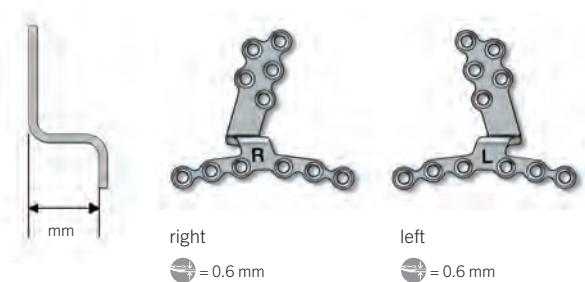


Lindorf chin plate Ti 1	
Displacement	
1 mm	50-302-01-09
3 mm	50-302-03-09
5 mm	50-302-05-09
7 mm	50-302-07-09
9 mm	50-302-09-09
11 mm	50-302-11-09

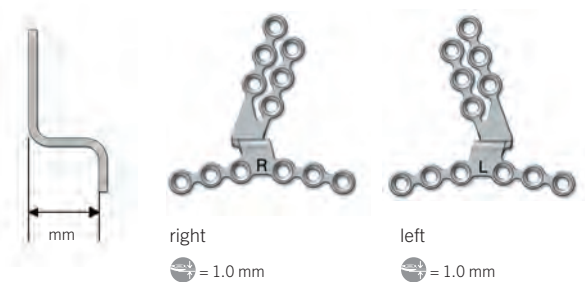


Explanation of icons

-  Pure titanium
-  Plate profile
-  Units/pack



Lindorf Le Fort I  		
Forward displacement	Left	Right
0 mm	50-280-00-09	50-282-00-09
3 mm	50-280-03-09	50-282-03-09
5 mm	50-280-05-09	50-282-05-09
7 mm	50-280-07-09	50-282-07-09
9 mm	50-280-09-09	50-282-09-09
11 mm	50-280-11-09	50-282-11-09



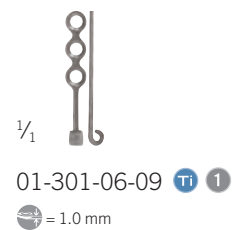
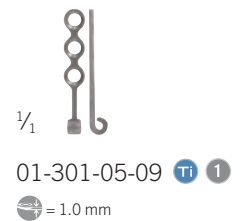
Sundheimer Le Fort I  		
Forward displacement	Left	Right
0 mm	50-287-00-09	50-288-00-09
1 mm	50-287-01-09	50-288-01-09
3 mm	50-287-03-09	50-288-03-09
5 mm	50-287-05-09	50-288-05-09
7 mm	50-287-07-09	50-288-07-09

Implants: orthodontic screws and plates

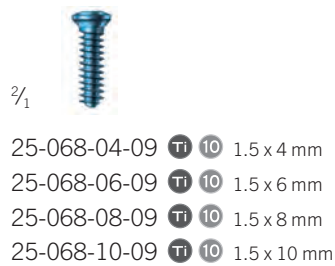
Orthodontic screws

1.5 mm "soft tissue collar"  1 		
	Ø x length 	maxDrive®
	1.5 x 6 mm	50-334-08-61
	1.5 x 8 mm	50-334-10-61
	1.5 x 10 mm	50-334-11-61
	Ø x length 	maxDrive®
	2.0 x 6 mm	50-335-11-61
	2.0 x 8 mm	50-335-13-61
	2.0 x 10 mm	50-335-15-61

2.0 mm "soft tissue collar"  1 		
	Ø x length 	maxDrive®
	1.5 x 8 mm	50-334-12-61
	Ø x length 	maxDrive®
	2.0 x 8 mm	50-335-14-61

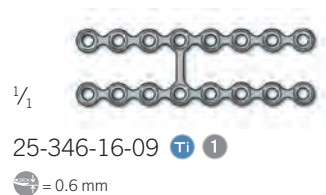


Centre-Drive® cartilage screws



(without clip magazine:)

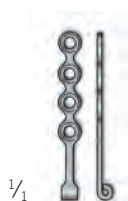
Chondrosynthesis plates for larynx reconstruction





Explanation of icons

-  Pure titanium
-  Titanium alloy
-  Plate profile
-  Units/pack



$\frac{1}{2}$

25-301-01-09  

 = 0.6 mm



25-301-02-09  

 = 0.6 mm



25-301-21-09  

 = 1.0 mm



25-301-22-09  

 = 1.0 mm



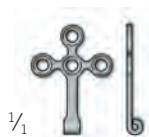
25-301-05-09  

 = 0.6 mm



25-301-23-09  

 = 0.8 mm



$\frac{1}{2}$

25-301-03-09  

 = 0.6 mm



25-301-04-09  

 = 0.6 mm



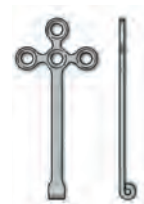
25-301-06-09  

 = 0.6 mm



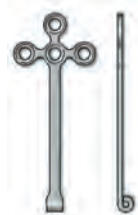
25-301-20-09  

 = 1.0 mm



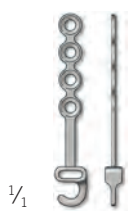
25-301-17-09  

 = 1.0 mm



25-301-19-09  

 = 1.0 mm



$\frac{1}{2}$

25-301-31-09  

 = 0.6 mm



25-301-33-09  

 = 1.0 mm



25-301-32-09  

 = 0.6 mm



25-301-34-09  

 = 1.0 mm



25-301-35-09  

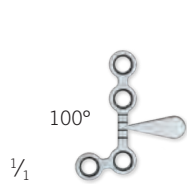
 = 1.0 mm



25-301-36-09  

 = 1.0 mm

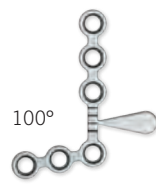
Implants: plates



25-306-44-09 **Ti** 1

⌀ = 0.6 mm

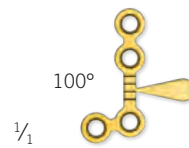
with 1 mm graduation



25-306-84-09 **Ti** 1

⌀ = 0.6 mm

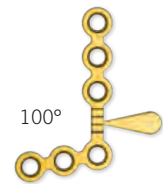
with 1 mm graduation



25-308-44-09 **Ti** 1

⌀ = 0.8 mm

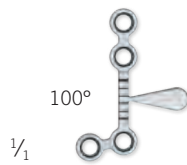
with 1 mm graduation



25-308-84-09 **Ti** 1

⌀ = 0.8 mm

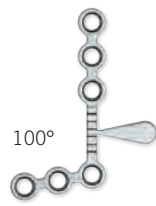
with 1 mm graduation



25-306-47-09 **Ti** 1

⌀ = 0.6 mm

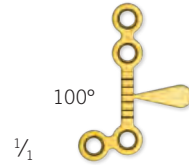
with 1 mm graduation



25-306-87-09 **Ti** 1

⌀ = 0.6 mm

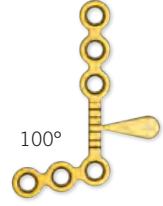
with 1 mm graduation



25-308-47-09 **Ti** 1

⌀ = 0.8 mm

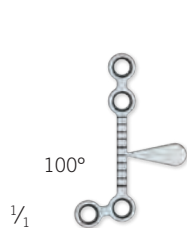
with 1 mm graduation



25-308-87-09 **Ti** 1

⌀ = 0.8 mm

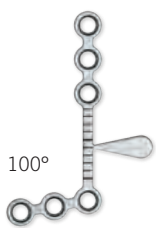
with 1 mm graduation



25-306-50-09 **Ti** 1

⌀ = 0.6 mm

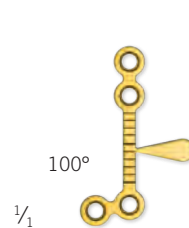
with 1 mm graduation



25-306-90-09 **Ti** 1

⌀ = 0.6 mm

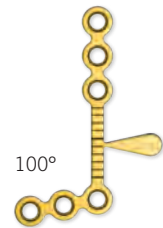
with 1 mm graduation



25-308-50-09 **Ti** 1

⌀ = 0.8 mm

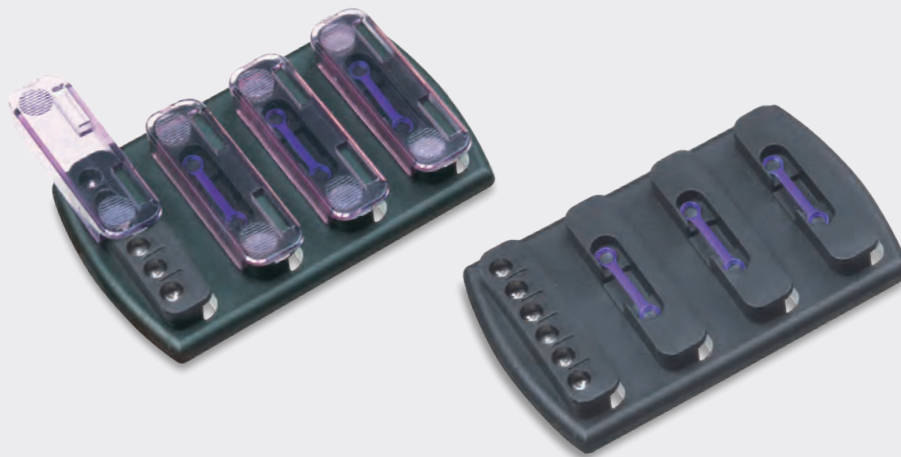
with 1 mm graduation



25-308-90-09 **Ti** 1

⌀ = 0.8 mm

with 1 mm graduation



Explanation of icons

Ti Pure titanium

 Plate profile

1 Units/pack

STERILE IR Sterile packed implants

Sterile Neuro Flap Fix Kit

For the simple and stable fixation of cranial bone flaps and fractures

Three 2-hole low profile plates and six self-drilling maxDrive® screws combined in a sterile kit offer a variety of advantages both to the patient as well as to the user:

- Quick and simple
- Highest stability
- Secure fixation
- Best anchorage in bone

And because it is a sterile kit:

- Guaranteed cleanliness and sterility
- Highest security
- Always ready to use
- Complete traceability
- With labels for patient records, OP report and reorder

Sterile kit

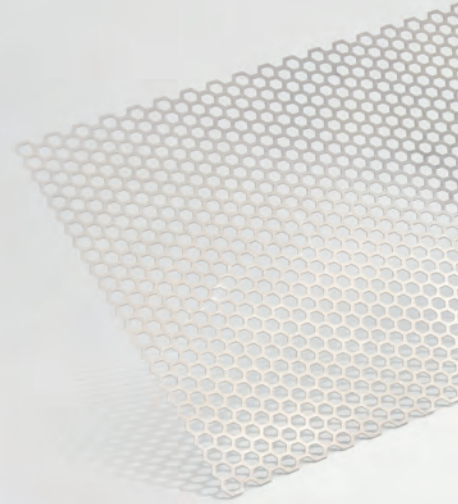
25-302-10-71

Neuro Flap Fix Kit, sterile

3 x micro plate, Low Profile, 2-hole (25-302-13)

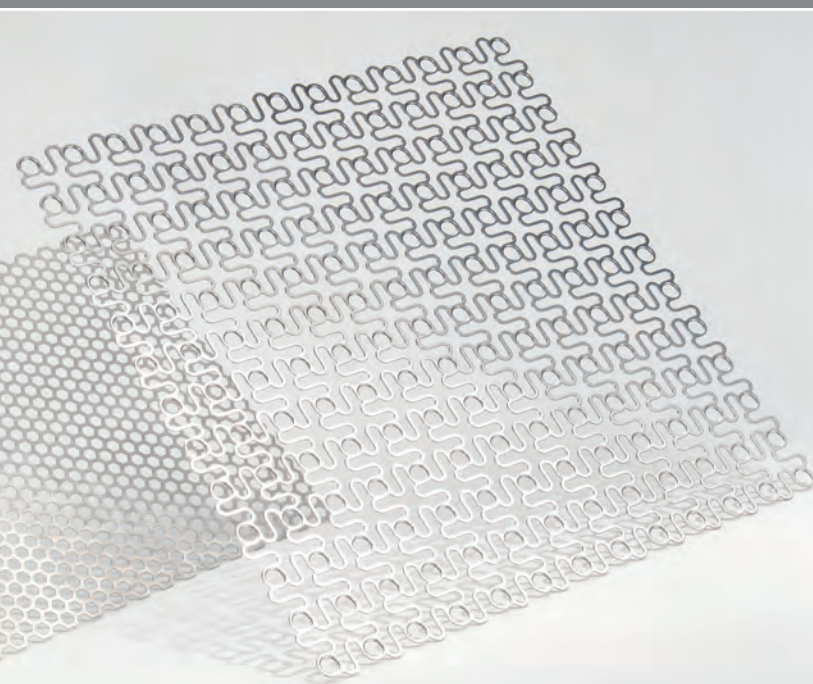
6 x maxDrive® screw 1.5 x 4 mm, self-retaining (25-878-04)

Implants: cranium



3D-mesh

- This mesh design allows three-dimensional contouring without unwanted creasing or overlapping.
- Allows the surgeon to adapt exactly to the anatomical situation.
- Used in conjunction with KLS Martin Drill-Free screws of size 1.5 mm.



Explanation of icons

Ti Pure titanium

 Plate profile

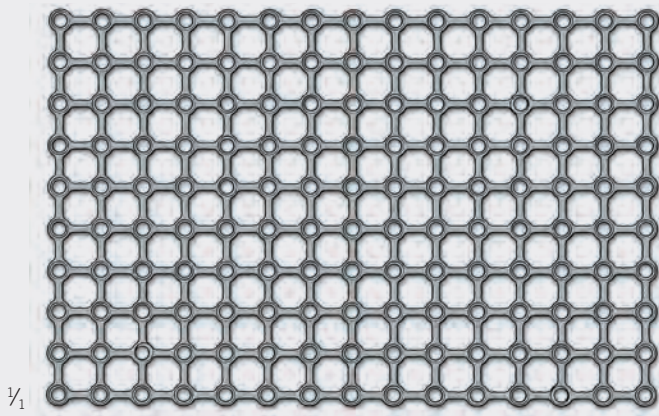
1 Units/pack

STERILE IR Sterile packed implants



1/1

3D-mesh Ti 1	Dimensions	Plate profile 
25-007-80-09	80 x 80 mm	0.3 mm
25-007-80-71	80 x 80 mm	0.3 mm
25-008-80-09	80 x 80 mm	0.6 mm
25-008-80-71	80 x 80 mm	0.6 mm
25-008-12-09	120 x 120 mm	0.6 mm
25-008-20-09	200 x 200 mm	0.6 mm

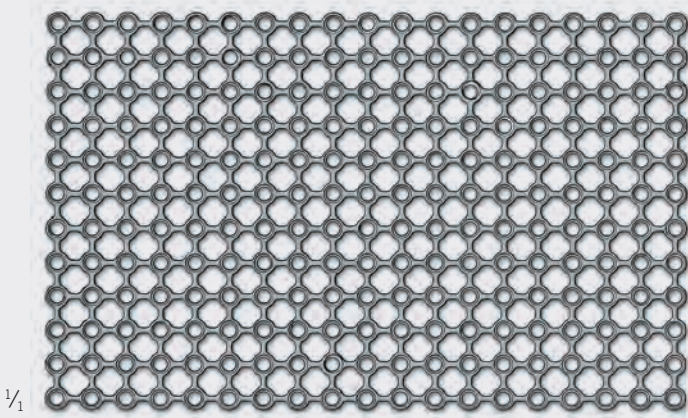


25-005-12-09   80 x 53 mm  = 0.3 mm

25-005-12-71   80 x 53 mm  = 0.3 mm

25-006-12-09   80 x 53 mm  = 0.6 mm

25-006-12-71   80 x 53 mm  = 0.6 mm

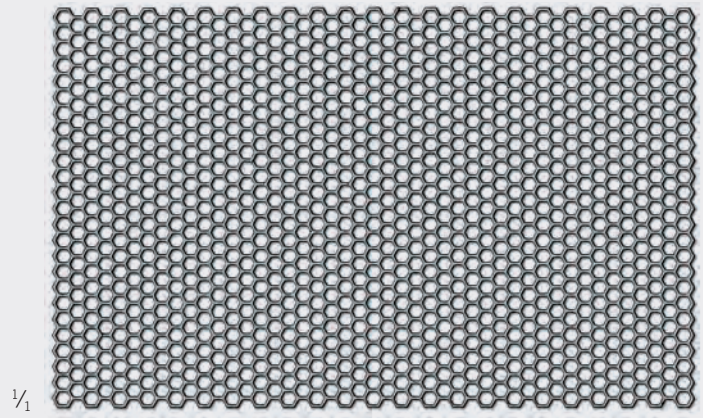


25-003-10-09   84 x 53 mm  = 0.3 mm

25-003-10-71   84 x 53 mm  = 0.3 mm

25-005-10-09   84 x 53 mm  = 0.6 mm

25-005-10-71   84 x 53 mm  = 0.6 mm



25-040-25-09   85 x 53 mm  = 0.2 mm

25-040-25-71   85 x 53 mm  = 0.2 mm

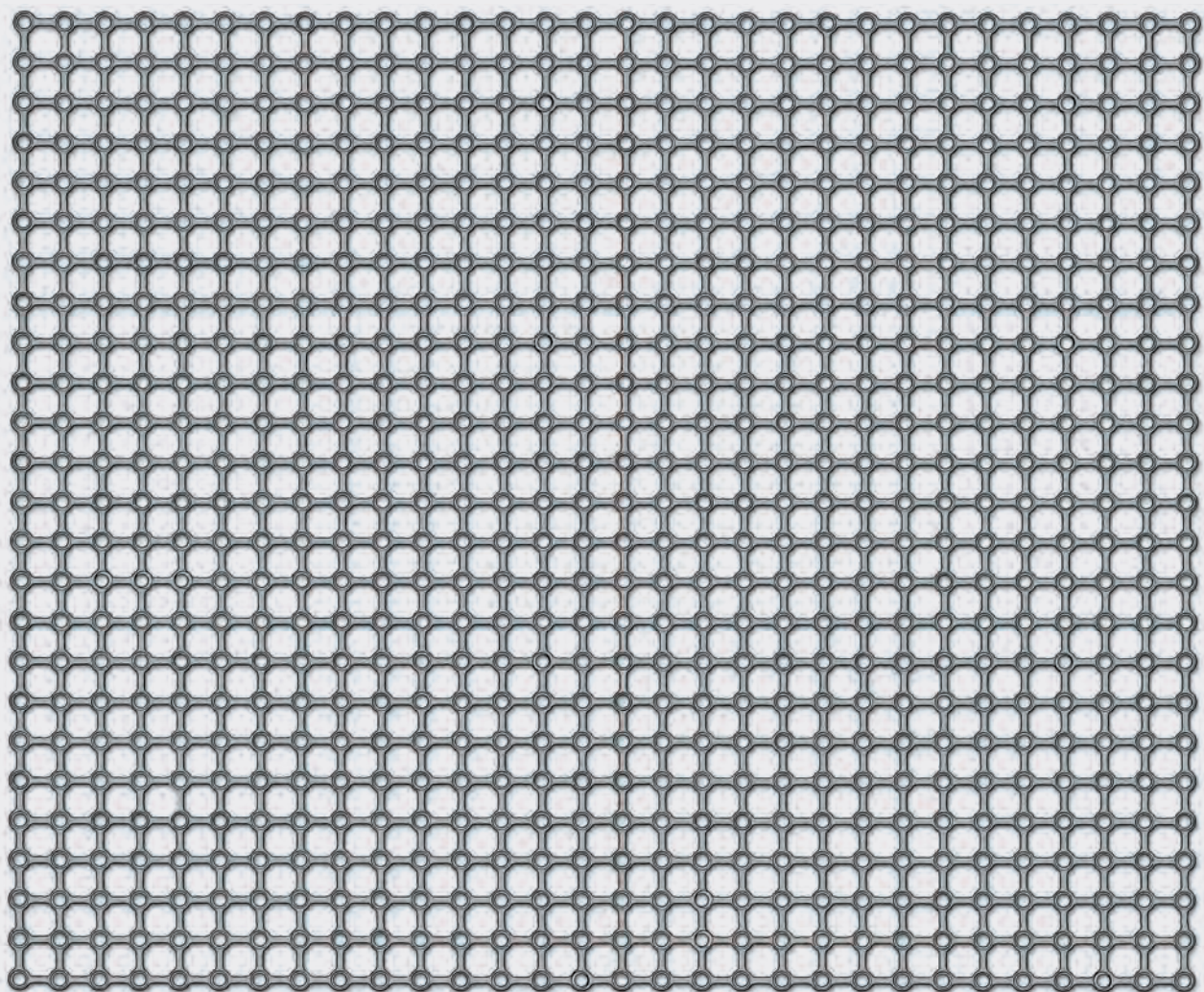
Explanation of icons

Ti Pure titanium

 Plate profile

1 Units/pack

STERILE IR Sterile packed implants



1/1

25-004-25-09 **Ti** **1** 160 x 135 mm  = 0.6 mm

To bridge relatively large defects, our mesh program offers special large mesh plates, for the treatment of cranial defects or reconstruction of the mandible for example.



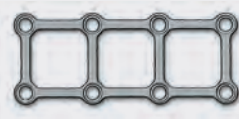
25-015-03-09 1
 25-015-03-71 1
 = 0.6 mm



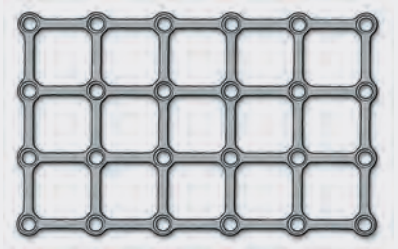
25-015-04-09 1
 25-015-04-71 1
 = 0.6 mm



25-015-06-09 1
 25-015-06-71 1
 = 0.6 mm



25-015-08-09 1
 25-015-08-71 1
 = 0.6 mm



25-015-24-09 1
 25-015-24-71 1
 = 0.6 mm



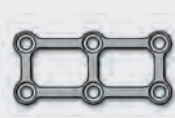
25-016-06-09 1
 25-016-06-71 1
 = 0.6 mm



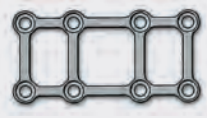
25-016-10-09 1
 25-016-10-71 1
 = 0.6 mm



25-017-04-09 1
 25-017-04-71 1
 = 0.6 mm



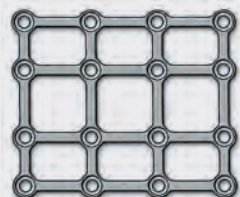
25-017-06-09 1
 25-017-06-71 1
 = 0.6 mm



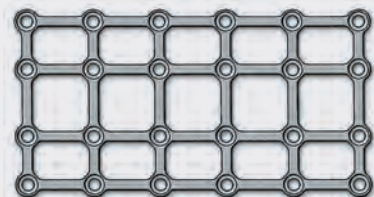
25-017-08-09 1
 25-017-08-71 1
 = 0.6 mm



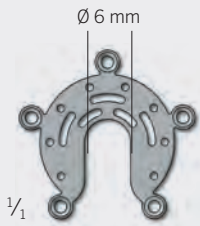
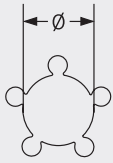
25-017-12-09 1
 25-017-12-71 1
 = 0.3 mm



25-017-16-09 1
 25-017-16-71 1
 = 0.6 mm



25-017-24-09 1
 25-017-24-71 1
 = 0.6 mm

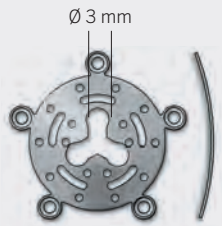


50-310-08-09

50-310-08-71

Ø 18 mm
flat with drain

= 0.6 mm

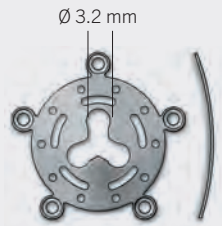


50-310-09-09

50-310-09-71

Ø 18 mm
pre-shaped with drain

= 0.6 mm



50-310-11-09

50-310-11-71

Ø 18 mm
pre-shaped with drain

= 0.6 mm

Explanation of icons

Pure titanium

Plate profile

Units/pack

STERILE IR Sterile packed implants



$\frac{1}{1}$

50-310-12-09

50-310-12-71

Ø 12 mm
flat

= 0.6 mm



50-310-17-09

50-310-17-71

Ø 17 mm
flat

= 0.6 mm



50-310-22-09

50-310-22-71

Ø 12 mm
pre-shaped

= 0.3 mm



50-310-27-09

50-310-27-71

Ø 17 mm
pre-shaped

= 0.3 mm



50-310-32-09

50-310-32-71

Ø 22 mm
pre-shaped

= 0.3 mm



$\frac{1}{1}$

25-003-02-09 = 0.3 mm

25-003-02-71 = 0.3 mm

25-004-02-09 = 0.6 mm

25-004-02-71 = 0.6 mm

Instruments: screwdrivers and blades

Screwdrivers and blades

Centre-Drive®  maxDrive® 							
Blades to fit		Length	25-480-99-07*	25-402-99-07*	25-407-03-04	25-407-04-04* flattened	25-407-05-04* flattened
25-431-98-07	 1.5 mm	61 mm	x				
25-430-98-07	 1.5 mm	80 mm		x			
25-489-97-07	 1.5 mm	80 mm		x			
25-485-97-07	 1.5 mm Neuro	58 mm		x			
25-438-97-07	 1.5 mm	80 mm			x	x	x
25-433-97-07	 1.5 mm Neuro	58 mm			x	x	x
25-433-98-07	 1.5 mm L	120 mm			x	x	x

* For storage in the LevelOne modules



Explanation of icons

-  Stainless steel
-  maxDrive®
-  Centre-Drive®

Measuring clips



25-650-02-04

Measuring clip for screw length, green



25-651-01-04

Measuring clip for screw diameter



$\frac{1}{2}$

25-438-98-07 

Dispensing sleeve for 25-438-97-07
for release of self-retention



$\frac{1}{4}$

25-432-16-07  1.5 mm

Screwdriver, rigid,
not detachable



$\frac{1}{4}$

25-486-15-07  1.5 mm

Screwdriver, rigid,
not detachable



$\frac{1}{2}$

25-422-15-07  1.5 mm

25-424-15-07  1.5 mm
Bone graft screwdriver



$\frac{1}{2}$

25-480-15-07 

Retention sleeve for
screw explanation

Instruments: twist drills

Twist drills				
	J-notch attachment			
	Ø x L (mm)	Stop (mm)	STERILE R	
	1.1 x 50 mm	—	25-452-00-07	5
	1.1 x 50 mm	—	25-452-00-91	1
	1.1 x 50 mm	—	25-452-00-71	1
	1.1 x 50 mm	3.5	25-452-03-07	5
	1.1 x 50 mm	3.5	25-452-03-91	1
	1.1 x 50 mm	5	25-452-05-07	5
	1.1 x 50 mm	5	25-452-05-91	1
	1.1 x 50 mm	5	25-452-05-71	1
	1.1 x 50 mm	7	25-452-07-07	5
	1.1 x 50 mm	7	25-452-07-91	1
	1.1 x 50 mm	7	25-452-07-71	1
	1.1 x 50 mm	9	25-452-09-07	5
	1.1 x 50 mm	9	25-452-09-91	1
	1.1 x 50 mm	9	25-452-09-71	1
	1.1 x 50 mm	15	25-452-15-07	5
	1.1 x 50 mm	15	25-452-15-91	1
	1.1 x 50 mm	15	25-452-15-71	1
	1.1 x 105 mm	3.5	50-511-35-07	1
	1.1 x 105 mm	3.5	50-511-35-71	1
	1.1 x 105 mm	5	50-511-05-07	1
	1.1 x 105 mm	5	50-511-05-71	1
	1.1 x 105 mm	7	25-452-57-07	1
	1.1 x 105 mm	7	25-452-57-71	1
	1.1 x 105 mm	21	25-452-61-07	1
	1.1 x 105 mm	21	25-452-61-71	1



Explanation of icons

- St** Stainless steel
-  J-notch attachment
-  Dental attachment
- 1** Units/pack

STERILE IR Sterile packed implants

Twist drills

St 	Dental attachment			
	Ø x L (mm)	Stop (mm)		
	1.1 x 30 mm	17	50-920-00-07	1
	1.1 x 20 mm	7	50-920-07-07	1
	1.1 x 45 mm	5	25-458-05-07	1
	1.1 x 45 mm	7	25-458-07-07	1
	1.1 x 45 mm	15	25-458-15-07	1

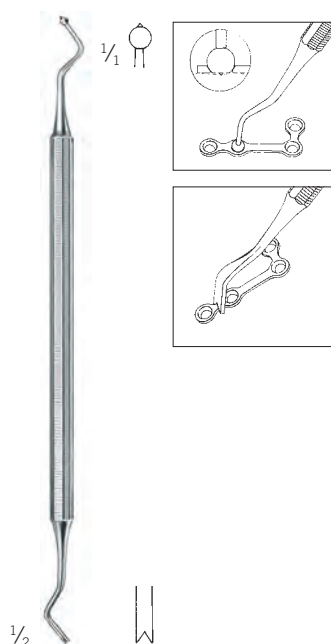
Instruments





Explanation of icons

- St** Stainless steel
- Ti** Titanium alloy
- 1** Units/pack



Lindorf
25-435-15-07 **St** **1**
18 cm/6 1/4"
Plate-holding instrument



25-412-12-07 **St** **1** **TC GOLD**
12 cm/4 3/4"
Modeling pliers
with carbide inserts

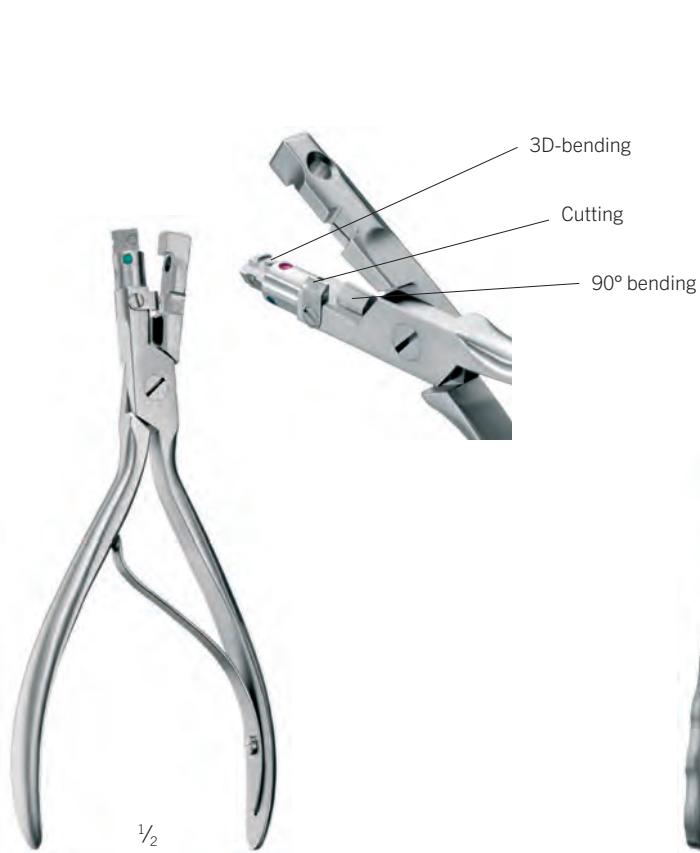


25-416-13-07 **St** **1**
13 cm/5 1/4"
Bending pliers



25-420-16-07 **St** **1** **TC GOLD**
16 cm/6 1/4"
Plate cutter
with carbide inserts

Instruments



50-502-10-07 **St** 1

16 cm/6 1/4"

Multifunctional pliers for systems 1.0/1.5/2.0 with functions for 3D-bending, 90° bending as well as cutting

50-502-98-07 **St** 1

Set of replacement cutting plates for 50-502-10-07



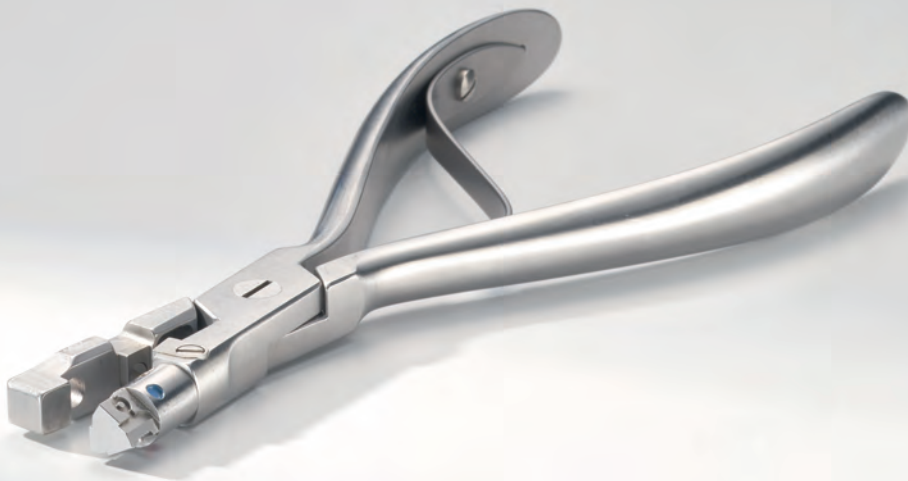
50-502-11-07 **St** 1

20 cm/8"

Implant cutting pliers for systems 1.0/1.5/2.0

50-502-99-07 **St** 1

Set of replacement cutting plates for 50-502-11-07



Explanation of icons

St Stainless steel

1 Units/pack



$\frac{1}{2}$

25-050-00-07 **St** **1**

Mesh cutter

25-050-98-07 **St** **1**

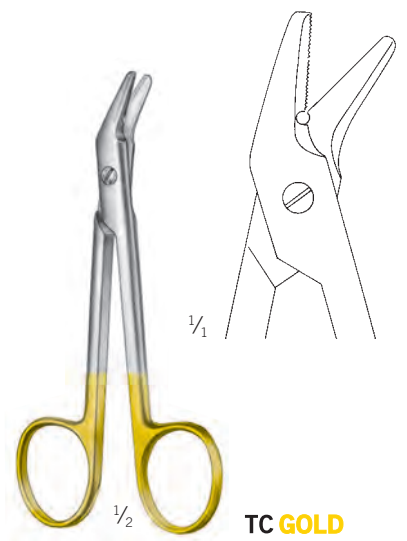
Set of replacement cutting plates
for 25-050-00-07



$\frac{1}{2}$

25-052-18-07 **St** **1**

20 cm / 7 $\frac{7}{8}$ "



$\frac{1}{1}$

$\frac{1}{2}$

TC GOLD

Universal

11-995-12-07 **St** **1**

12 cm / 4 $\frac{3}{4}$ "

with carbide inserts

Storage: implants

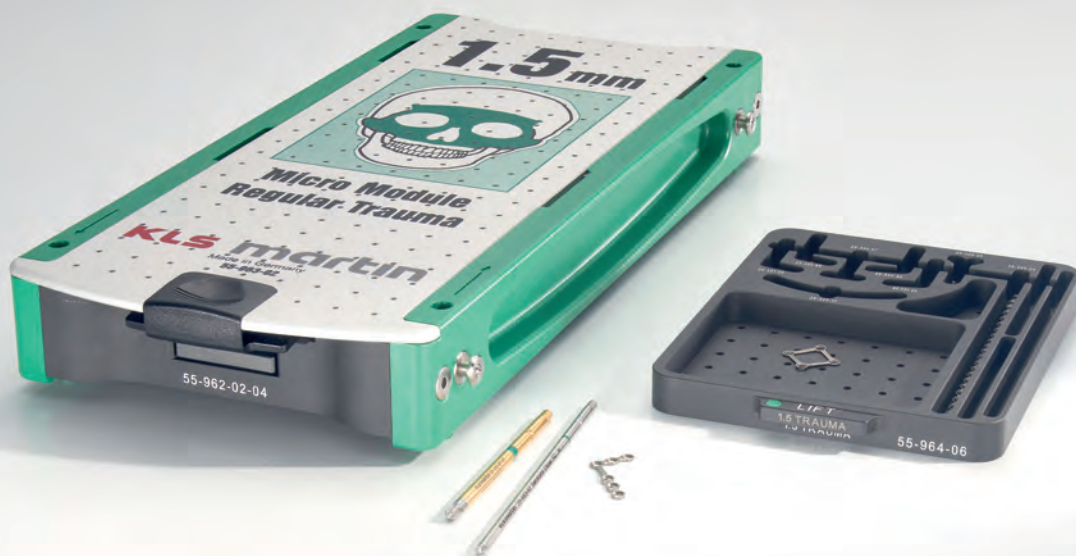


55-961-02-04

1.5-mm Micro module complete, without implants

1.5-mm Micro module

55-961-02-04	1.5-mm Micro module complete consisting of:
55-962-02-04	Insert module with green module rails
55-963-02-04	Lid for 1.5-mm Micro module
55-964-02-04	Insert for 1.5-mm Micro Universal
55-964-06-04	Insert for 1.5-mm Micro Trauma
	Insert 55-964-02-04 is prepared for the following implants:
25-304-00-09	Micro-plate, 4-hole, straight
25-304-55-09	Micro-plate, 4-hole, straight, short
25-306-00-09	Micro-plate, 6-hole, straight
25-306-55-09	Micro-plate, 6-hole, straight, short
25-308-00-09	Micro-plate, 8-hole, straight
25-310-70-09	Micro-plate, 4-hole, L-shape, left, medium
25-310-85-09	Micro-plate, 4-hole, L-shape, left, long
25-311-70-09	Micro-plate, 4-hole, L-shape, right, medium
25-311-85-09	Micro-plate, 4-hole, L-shape, right, long
25-314-85-09	Micro-plate, 5-hole, L-shape, left, long, 100°
25-315-06-09	Micro-plate, 6-hole, T-shape
25-315-85-09	Micro-plate, 5-hole, L-shape, right, long, 100°
25-316-00-09	Micro-plate, 16-hole, straight
25-320-70-09	Micro-plate, 5-hole, Y-shape, medium
25-322-55-09	Micro-plate, 6-hole, double-Y-shape, short
25-326-55-09	Micro-plate, 4-hole, cross shape
	Insert 55-964-06-04 is prepared for the following implants:
25-325-10-09	Micro-plate, 10-hole, curved
25-329-05-09	Micro-plate, 6-hole, Y-shape
25-330-05-09	Micro-plate, 7-hole, L-shape, left
25-330-07-09	Micro-plate, 6-hole, T-shape
25-330-24-09	Micro-plate, 24-hole, straight
25-330-85-09	Micro-plate, 6-hole, L-shape, left
25-331-05-09	Micro-plate, 7-hole, L-shape, right
25-331-85-09	Micro-plate, 6-hole, L-shape, right



55-962-22-04
1.5-mm screw storage module without lid

55-963-08-04
Lid



55-962-32-04
Double insert module

Storage: implants

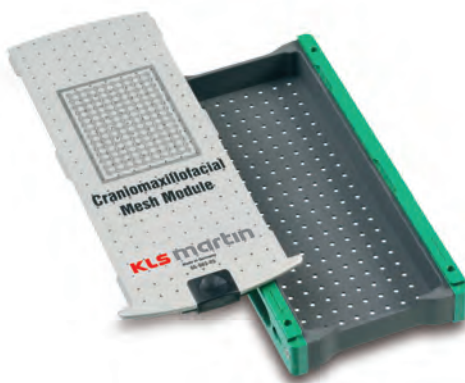


55-961-04-04

1.5-mm neurosurgery module complete, without implants

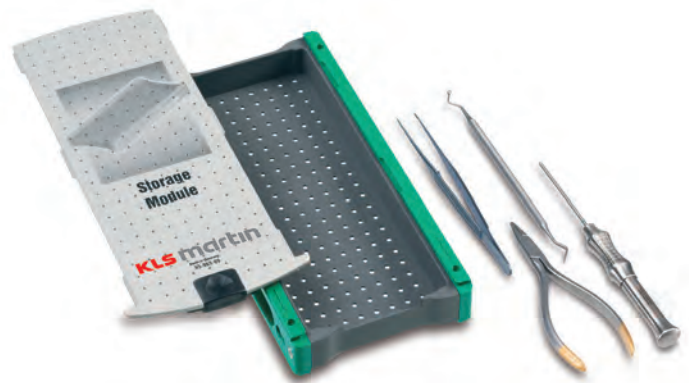
1.5-mm neurosurgery module

55-961-04-04	1.5-mm neurosurgery module complete consisting of:
55-962-02-04	Insert module with green module rails
55-963-04-04	Lid for 1.5-mm neurosurgery module
55-964-04-04	Insert for 1.5-mm neurosurgery module
55-964-17-04	Insert, universal
Insert 55-964-04-04 is prepared for the following implants:	
25-015-04-09	Micro-mesh, 2 x 2-hole
25-015-06-09	Micro-mesh, 3 x 2-hole
25-015-08-09	Micro-mesh, 4 x 2-hole
25-016-06-09	Micro-mesh, 3 x 2-hole
25-016-10-09	Micro-mesh, 5 x 2-hole
25-302-12-09	Micro-plate, 2-hole, straight
25-302-70-09	Micro-plate, 2-hole, straight
25-304-00-09	Micro-plate, 4-hole, straight
25-304-85-09	Micro-plate, 4-hole, straight, long
25-316-00-09	Micro-plate, 16-hole, straight
25-320-70-09	Micro-plate, 5-hole, Y-shape, medium
25-322-70-09	Micro-plate 6-hole, double-Y-shape, medium
50-310-22-09	Burr hole cover, 12 mm
50-310-27-09	Burr hole cover, 17 mm



55-962-12-04
Storage module without lid

55-963-05-04
Lid, mesh module



55-962-12-04
1.5-mm storage module without lid, without contents

55-963-09-04
Lid

Storage: implants



55-961-03-04

1.5-mm Lindorf orthognathic surgery module complete,
without implants

1.5-mm Lindorf orthognathic surgery module

55-961-03-04	1.5-mm Lindorf orthognathic surgery module complete consisting of:
55-962-02-04	Insert module with green module rails
55-963-03-04	Lid for 1.5-mm Lindorf orthognathic surgery module
55-964-11-04	Insert 1 for 1.5-mm Lindorf orthognathic surgery module
55-964-12-04	Insert 2 for 1.5-mm Lindorf orthognathic surgery module

Insert 55-964-11-04 is prepared for the following implants:

50-280-00-09	Lindorf plate, 0 mm, left
50-280-03-09	Lindorf plate, 3 mm, left
50-280-05-09	Lindorf plate, 5 mm, left
50-282-00-09	Lindorf plate, 0 mm, right
50-282-03-09	Lindorf plate, 3 mm, right
50-282-05-09	Lindorf plate, 5 mm, right
50-302-01-09	Lindorf chin plate, 1 mm
50-302-03-09	Lindorf chin plate, 3 mm
50-302-05-09	Lindorf chin plate, 5 mm

Insert 55-964-12-04 is prepared for the following implants:

50-280-07-09	Lindorf plate, 7 mm, left
50-280-09-09	Lindorf plate, 9 mm, left
50-280-11-09	Lindorf plate, 11 mm, left
50-282-07-09	Lindorf plate, 7 mm, right
50-282-09-09	Lindorf plate, 9 mm, right
50-282-11-09	Lindorf plate, 11 mm, right
50-302-07-09	Lindorf chin plate, 7 mm
50-302-09-09	Lindorf chin plate, 9 mm
50-302-11-09	Lindorf chin plate, 11 mm



Office Fixation Kit

55-961-28-04	Storage module complete, no contents consisting of:
55-962-07-04	Insert module
55-964-53-04	Insert 1
55-964-54-04	Insert 2
55-963-44-04	Lid

55-961-28-04

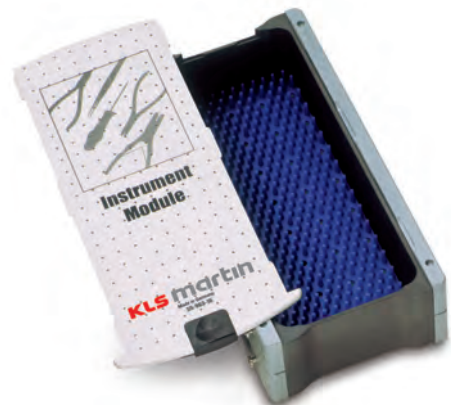
Office Fixation Kit, storage module complete, no contents
For example, for orthodontic screws and plates suitable

Storage: instruments



55-969-26-04

Multi storage*, configured, with lid, without instruments
24 x 13 cm



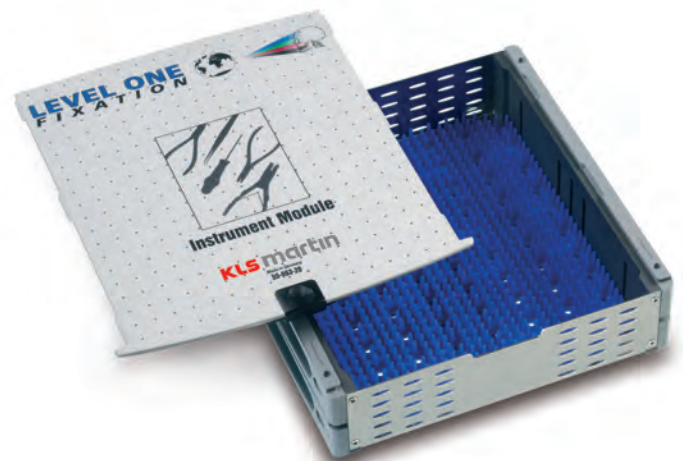
55-969-16-04

Free storage, with lid, without silicone mat
24 x 13 cm



55-969-57-04

Basic storage*, configured, with lid, without instruments
24 x 13 cm



55-969-14-04

Free storage, with lid, without silicone mat
24 x 24 cm

Instrument modules

55-969-16-04	24 x 13 cm	Free storage, with lid
55-969-14-04	24 x 24 cm	Free storage, with lid
55-969-26-04	24 x 13 cm	Multi*, configured, with lid
55-969-57-04	24 x 13 cm	Basic*, configured, with lid

Individual components

55-964-15-04	24 x 13 cm	Free storage, without lid
55-964-30-04	24 x 24 cm	Free storage, without lid
55-969-15-04	24 x 13 cm	Multi*, configured, without lid
55-969-47-04	24 x 13 cm	Basic*, configured, without lid
55-963-15-04	24 x 13 cm	Multi lid
55-963-16-04	24 x 13 cm	Basic lid
55-963-30-04	24 x 24 cm	Lid
55-969-94-04	24 x 13 cm	Silicone mat for 55-969-16-04
55-969-93-04	24 x 24 cm	Silicone mat for 55-969-14-04

Module clips

55-969-98-04		to hold 3 racks, left
55-969-99-04		to hold 3 racks, right

* Multi = Storage prepared for LevelOne multifunctional instruments

* Basic = Storage prepared for traditional instruments

Set suggestions



55-969-26-04		Instrument tray Multi, configured, 24 x 13 cm prepared for:
25-402-99-07	②	Screwdriver handle, medium
25-406-99-07	②	Screwdriver handle, large
25-435-10-07	①	Lindorf plate-holding instrument 1.0 mm
25-435-15-07	①	or Lindorf plate-holding instrument 1.5 mm
25-435-20-07	①	or Lindorf plate-holding instrument 2.0 mm
25-435-25-07	①	or Lindorf plate-holding instrument 2.0 mm Champy
50-502-10-07	②	Multifunctional pliers for 1.0/1.5/2.0 mm
50-502-11-07	①	Cutter for 1.0/1.5/2.0 mm



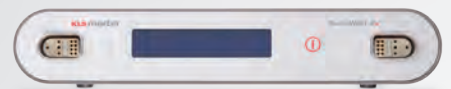
55-969-57-04		Instrument tray Basic, configured, 24 x 13 cm prepared for:
25-402-99-07	②	Screwdriver handle, medium
25-406-99-07	②	Screwdriver handle, large
25-420-16-07	①	Plate cutting pliers
25-496-15-09	①	Plate holding forceps
25-510-12-07	①	Bending pliers KLS Martin Mini System
25-516-13-07	②	Modeling pliers

CMF surgery

SonicWeld Rx®

Resorbable implants for use in craniomaxillofacial osteosynthesis

- Resorb x®
- Resorb xG



It is the face that makes humans unique and unmistakable –
“There is nothing that more closely reflects the life of an individual than the human face*.”

Our objective is to simplify craniofacial surgery with specially designed implant systems that ensure optimum satisfaction for both surgeon and patient. Together with renowned users we translate new ideas into innovative products and are constantly enhancing them.

Our range of products includes everything necessary for modern craniofacial surgery. We not only set standards but we also go beyond to take advantage of modern technology in the development of solutions customized for the individual patient.

KLS Martin – your competent and reliable partner for both everyday challenges and special challenges.



* © Kurt Haberstich (*1948)

Distractors

Devices for use in correction of malformations

- Cranial distraction
- Midface distraction
- Mandibular distraction



Individual Patient Solutions

Custom-made solutions for use in craniomaxillofacial surgery

- IPS Implants®
- IPS CaseDesigner®
- IPS Gate®



LevelOne Fixation

Titanium implants and instruments for use in craniomaxillofacial osteosynthesis

- Traumatology
- Reconstruction
- Orthognatic surgery

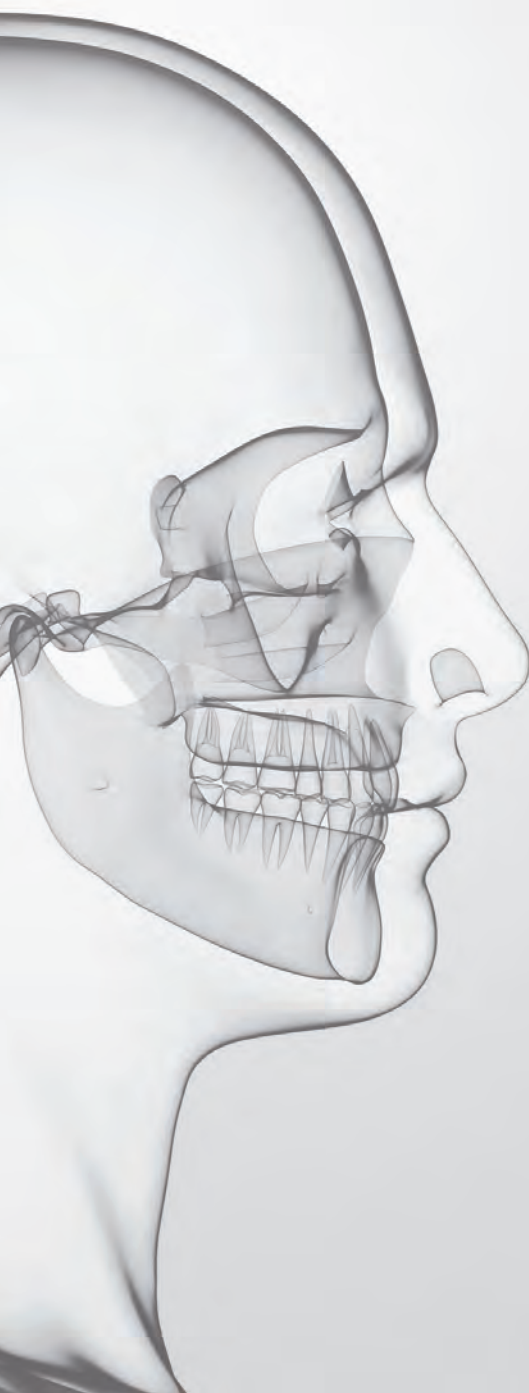


App for CMF products

All important information about the CMF portfolio at one glance:

<https://cmf.klsmartin.com/en/>

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