



LevelOne Fixation

Osteosynthese 1.0 Mikro

Osteosynthesis 1.0 Micro

Osteosíntesis 1.0 Micro

Ostéosynthèse 1.0 Micro

Osteosintesi 1.0 Micro

1.0-mm-Mikro-System

1.0 mm Micro System

Sistema Micro 1.0 mm

Système Micro 1.0 mm

Sistema Micro da 1.0 mm

LevelOne Fixation



Indikationen

- Neurochirurgie
- Frontaler und Maxillärer Sinus
- Oral- und präprothetische Chirurgie
- Pädiatrische Chirurgie

Indications

- Neurosurgery
- Frontal and maxillary sinus
- Oral and preprosthetic surgery
- Pediatric surgery

Indicaciones

- Neurocirugía
- Seno frontal y maxilar
- Cirugía oral y preprotésica
- Cirugía pediátrica

Indications

- Neurochirurgie
- Sinus frontal et maxillaire
- Chirurgie orale et préprothétique
- Chirurgie pédiatrique

Indicazioni

- Neurochirurgia
- Seno frontale e mascellare
- Chirurgia orale e preprotésico
- Chirurgia pediatrica

Übersicht Materialien

Materials Overview

Sinopsis de materiales

Vue d'ensemble des matériaux

Quadro sinottico dei materiali

Osteosynthese 1.0 Mikro

Osteosynthesis 1.0 Micro

Osteosíntesis 1.0 Micro

Ostéosynthèse 1.0 Micro

Osteosintesi 1.0 Micro



	Platten Plates Plokštelės Placas Plaques Placche Iš gryno titano	Schrauben Screws Sraigčiai Tornillos Vis Viti Iš titano lydinio
Materialien Materials Materiales Matériaux Materiali	Ti Reintitan in Implantatqualität Pure titanium in implant quality Titanio puro en calidad de implante Titane pur dans la qualité pour implants Titanio puro in qualità da impianti	Ti Titan-Legierung in Implantatqualität Titanium alloy in implant quality Aleación de titanio en calidad de implante Alliage de titane dans la qualité pour implants Lega di titanio in qualità da impianti Ti-6Al-4V
Normen Standards Normas Normes Norme	DIN ISO 5832-2 DIN 17850 ASTM F 67	DIN ISO 5832-3 DIN 17851 ASTM F 136a



1.1. Mikrosraigtai "maxDrive"

maxDrive®



Mikro-Schrauben	selbsthaltend
Micro Screws	self-retaining
Tornillos Micro	autobloqueantes
Vis Micro	autobloquante
Viti Micro	autoritensiva

1.1.



	maxDrive®	STERILE R
1.2 x 3 mm	25-870-03-91	25-870-03-71
1.2 x 4 mm	25-870-04-91	25-870-04-71
1.2 x 5 mm	25-870-05-91	25-870-05-71
1.2 x 6 mm	25-870-06-91	25-870-06-71
1.2 x 9 mm	25-870-09-91	25-870-09-71
1.2 x 11 mm	25-870-11-91	25-870-11-71
1.2 x 13 mm	25-870-13-91	25-870-13-71



25-650-01-04

Messclip für Schraubenlänge, blau
 Measuring clip for screw length, blue
 Clip de medición para longitud de tornillos, azul
 Jauge de longueur de vis, bleue
 Clip di misurazione per la lunghezza della vite, blu



25-651-01-04

Messclip für Schraubendurchmesser
 Measuring clip for screw diameter
 Clip de medición para diámetro de tornillo
 Jauge de diamètre de vis
 Clip di misurazione per il diametro della vite

Vorbohrer für 1.0-mm-Mikro-System

Twist Drills for 1.0-mm Micro System

Brocas para sistema Micro 1.0 mm

Mèches de préforage pour système Micro 1.0 mm

Frese per sistema Micro da 1.0 mm

Osteosynthese 1.0 Mikro

Osteosynthesis 1.0 Micro

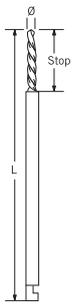
Osteosíntesis 1.0 Micro

Ostéosynthèse 1.0 Micro

Osteosintesi 1.0 Micro



Vorbohrer für Mikro-Schrauben Ø 1.0 mm
Twist drills for micro screws Ø 1.0 mm
Brocas para tornillos micro Ø 1.0 mm
Mèches de préforage pour vis micro Ø 1.0 mm
Frese per viti micro da Ø 1.0 mm



J-Kupplung / J-Notch / Conexión-J /
Conexion-J / Conessione-J

Ø x L (mm)	Stop (mm)	STERILE R	
0.7 x 50	–	25-454-00-91	1
0.7 x 50	–	25-454-00-71	1
0.7 x 50	3	25-454-03-07	5
0.7 x 50	3	25-454-03-91	1
0.7 x 50	3	25-454-03-71	1
0.7 x 50	5	25-454-05-07	5
0.7 x 50	5	25-454-05-91	1
0.7 x 50	5	25-454-05-71	1
0.7 x 50	7	25-454-07-07	5
0.7 x 50	7	25-454-07-91	1
0.7 x 50	7	25-454-07-71	1

für dichten Knochen/for dense bone/para huesos densos/
pour os dense/per ossa spesse

0.8 x 50	5	25-457-05-07	5
0.8 x 50	5	25-457-05-91	1
0.8 x 50	5	25-457-05-71	1
0.8 x 50	7	25-457-07-91	1
0.8 x 50	7	25-457-07-71	1



Dental-Ansatz / Dental attachment/Sujeción tipo dental /
Embout dentaire / Conessione dentalea

Ø x L (mm)	Stop (mm)		
0.8 x 50	–	26-153-08-07	1
0.7 x 19	5	50-916-05-07	1
0.7 x 21	7	50-916-07-07	1

Kernlochbohrer, Core hole drill, Broca para taladro
de roscar, Foret pour avant-trou, Fresa nucleo

1.0 x 50	–	26-153-10-07	1
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Gleitlochbohrer, Gliding hole drill, Broca para taladro
deslizante, Foret pour trou de glissement, Fresa a
scorrimento

Grąžtai skirti 1.2 mm diametro mikroraigiams

Vorbohrer für Mikro-Schrauben Ø 1.2 mm

Twist drills for micro screws Ø 1.2 mm

Brocas para tornillos micro Ø 1.2 mm

Mèches de préforage pour vis micro Ø 1.2 mm

Frese per viti micro da Ø 1.2 mm



Dental-Ansatz / Dental attachment/Sujeción tipo dental /
Embout dentaire / Conessione dentalea

Ø x L (mm)	Stop (mm)	STERILE R	
1.0 x 50	3	25-447-03-07	1
1.0 x 50	5	25-447-05-07	1
1.0 x 50	13	25-447-13-07	1
1.0 x 62	–	26-975-44-07	1
1.0 x 62	–	26-975-44-71	1

Kernlochbohrer, Core hole drill, Broca para taladro
de roscar, Foret pour avant-trou, Fresa nucleo

1.2 x 62	–	26-975-45-71	1
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Gleitlochbohrer, Gliding hole drill, Broca para taladro
deslizante, Foret pour trou de glissement, Fresa a
scorrimento

1.2. ir 1.3. Pagamintas iš nerūdijančio plieno



Mikro-Platten 1.0 mm

Micro Plates 1.0 mm

Placas Micro, 1.0 mm

Plaques Micro 1.0 mm

Placche Micro da 1.0 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Aluminium
Aluminum
Aluminio
Aluminium
Alluminio



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente



25-330-04-09
25-330-04-71
 = 0.6 mm



25-330-06-09
25-330-06-71
 = 0.6 mm



25-330-08-09
25-330-08-71
 = 0.6 mm



25-332-10-09
25-332-10-71
 = 0.6 mm



25-330-12-09
25-330-12-71
 = 0.6 mm



25-330-16-09
25-330-16-71
 = 0.6 mm



25-330-26-09
25-330-26-71
 = 0.6 mm

Tiesi 24 angų plokštelė



1.5. 25-331-24-09
25-331-24-71
 = 0.6 mm

Storis 0.6 mm



1.4. 25-332-08-09
25-332-08-71
 = 0.6 mm

Storis 0.6 mm

Puslankiu lenkta plokštelė



1.8.

25-333-05-09 1

25-333-05-71 1

= 0.6 mm

Storis 0.6 mm



1.9.

25-334-05-09 1

25-334-05-71 1

= 0.6 mm

Storis 0.6 mm



25-333-08-09 1

25-333-08-71 1

= 0.6 mm



25-334-08-09 1

25-334-08-71 1

= 0.6 mm



25-340-11-09 1

25-340-11-71 1

= 0.6 mm



1.10.

25-338-05-09 1

25-338-05-71 1

= 0.6 mm

Storis 0.6 mm



25-338-07-09 1

25-338-07-71 1

= 0.6 mm



25-338-12-09 1

25-338-12-71 1

= 0.6 mm



1.7.

25-342-06-09 1

25-342-06-71 1

= 0.6 mm

Storis 0.6 mm



25-342-13-09 1

25-342-13-71 1

= 0.6 mm



1.6.

25-344-06-09 1

25-344-06-71 1

= 0.6 mm

Storis 0.6 mm



25-344-07-09 1

25-344-07-71 1

= 0.6 mm



25-344-08-09 1

25-344-08-71 1

= 0.6 mm



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Mikro-Schrauben 1.5 mm

Micro Screws 1.5 mm

Tornillos Micro, 1.5 mm

Vis Micro 1.5 mm

Viti Micro da 1.5 mm

Ti

Titan-Legierung
Titanium alloy
Aleación de titanio
Alliage de titane
Lega di titanio

1

Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

1.11. Mikrosraigtai "maxDrive"

maxDrive®



Mikro-Schrauben selbthaltend
Micro Screws self-retaining
Tornillos Micro autobloqueantes
Vis Micro autobloquante
Viti Micro autoritensiva



	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		

1.11.

Centre-Drive®



Mikro-Schrauben selbthaltend
Micro Screws self-retaining
Tornillos Micro autobloqueantes
Vis Micro autobloquante
Viti Micro autoritensiva



	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

1.12. Sraigtai skubiai pagalbai ("avariniai") "maxDrive"

Notfallschrauben selbthaltend
Emergency Screws self-retaining
Tornillos de emergencia autobloqueantes
Vis d'urgence autobloquante
Viti di emergenza autoritensiva



	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

1.12.

Notfallschrauben selbthaltend
Emergency Screws self-retaining
Tornillos de emergencia autobloqueantes
Vis d'urgence autobloquante
Viti di emergenza autoritensiva



	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-Schrauben selbthaltend
Drill-Free-Screws self-retaining
Tornillos Drill-Free autobloqueantes
Vis autoforeuses autobloquante
Viti Drill Free autop perforanti autoritensiva



	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

1.13.

Drill-Free-Schrauben selbthaltend
Drill-Free-Screws self-retaining
Tornillos Drill-Free autobloqueantes
Vis autoforeuses autobloquante
Viti Drill Free autop perforanti autoritensiva



	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

1.13. „Drill free“ tipo sraigtai

Schraubendreher-Übersicht

Screwdriver Overview

Sinopsis de destornilladores

Vue d'ensemble des tournevis

Quadro sinottico cacciaviti

St

Edelstahl
Stainless steel
Acero inoxidable
Acier inoxydable
Acciaio inossidabile

1

Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE | R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

Schraubendreher und Klagen Screwdrivers and Blades Destornilladores y terminales Tournevis et lames Cacciaviti e lame

1.14. Atsuktuvo geležtė tinkanti 1.5 mm diametro "maxDrive" tipo sraigtais.

Centre-Drive® 
Cross-Drive 
maxDrive® 



Klingen passend für Blades suitable for Mechas apropiadas para Lames pour Lame adatte per	Länge Length Longitud Longueur Lunghezza	25-480-99-07*	25-402-99-07*	25-407-03-04 abgeflacht flattened aplanado aplati ribassato	25-407-04-04* abgeflacht flattened aplanado aplati ribassato	25-407-05-04*
25-431-98-07  1.5 mm	61 mm	x				
25-430-98-07  1.5 mm	80 mm		x			
25-432-98-07  1.5 mm	61 mm	x				
25-483-97-07  1.5 mm	80 mm		x			
25-432-97-07  1.5 mm Neuro	58 mm		x			
25-431-97-07  1.5 mm Neuro	58 mm			x	x	x
25-430-97-07  1.5 mm	80 mm			x	x	x
25-489-97-07  1.5 mm	80 mm		x			
25-485-97-07  1.5 mm Neuro	58 mm		x			
1.14. 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

* Zur Lagerung in den Level-One-Modulen
For storage in LevelOne modules
Para almacenaje dentro de los módulos LevelOne
Pour le stockage dans les modules LevelOne
Per immagazzinare nel modulo LevelOne

Schraubendreher, starr, nicht demontierbar Screwdriver, rigid, not removable Destornillador, rígido, no desmontable Tournevis, rigide, non amovibile Cacciavite, fissa, non removibile



25-432-16-07  1.5 mm
25-483-13-07  1.5 mm
25-486-15-07  1.5 mm

Bone-Graft-Schraubendreher Bone Graft Screwdrivers Destornilladores Bone Graft Tournevis pour extraire la spongieuse Cacciaviti per Bone Graft



25-422-15-07  1.5 mm
25-423-15-07  1.5 mm
25-424-15-07  1.5 mm

Vorbohrer für 1.5-mm-Mikro-System

Twist Drills for 1.5-mm Micro System

Brocas para sistema Micro 1.5 mm

Mèches de préforage pour système Micro 1.5 mm

Frese per sistema Micro da 1.5 mm

Osteosynthese 1.5 Mikro

Osteosynthesis 1.5 Micro

Osteosíntesis 1.5 Micro

Ostéosynthèse 1.5 Micro

Osteosintesi 1.5 Micro



1/2

25-438-98-07 **St 1**

Abdrückhülse für 25-438-97-07 zur Lösung der Selbsthaltung

Sleeve for 25-438-97-07 to release the self-retaining mechanism

Manguito para 25-438-97-07 para soltar la autorretención entre tornillo y destornillador

Douille pour 25-438-97-07 permettant la suppression de l'auto-maintien entre la vis et le tournevis

Elemento di Tenuta per 25-438-97-07 per allentare l'auto-tenuta tra vite e cacciavite



1/2

25-480-15-07 **St 1**

Haltehülse zur Schraubenexplantation

Holding sleeve for screw explantation

Vaina de sujeción para la explantación de tornillos

Douille de retenue destinée à l'explantation de vis

Boccola di tenuta per l'espianto di viti

Vorbohrer

Twist drills

Brocas

Mèches de préforage

Frese

St 1		J-Kupplung / J-Notch / Conexión-J / Conexion-J / Connessione-J			
1.15.	1.16.	Ø x L (mm)	Stop (mm)	STERILE R	
		1.1 x 50	–	25-452-00-07	5
		1.1 x 50	–	25-452-00-91	1
		1.1 x 50	–	25-452-00-71	1
		1.1 x 50	3.5	25-452-03-07	5
		1.1 x 50	3.5	25-452-03-91	1
		1.1 x 50	5	25-452-05-07	5
		1.1 x 50	5	25-452-05-91	1
		1.1 x 50	5	25-452-05-71	1
		1.1 x 50	7	25-452-07-07	5
		1.1 x 50	7	25-452-07-91	1
		1.1 x 50	7	25-452-07-71	1
		1.1 x 50	9	25-452-09-07	5
		1.1 x 50	9	25-452-09-91	1
		1.1 x 50	9	25-452-09-71	1
		1.1 x 50	15	25-452-15-07	5
		1.1 x 50	15	25-452-15-91	1
		1.1 x 50	15	25-452-15-71	1
		1.1 x 105	3.5	50-511-35-07	1
		1.1 x 105	3.5	50-511-35-71	1
		1.1 x 105	5	50-511-05-07	1
		1.1 x 105	5	50-511-05-71	1
		1.1 x 105	7	25-452-57-07	1
		1.1 x 105	7	25-452-57-71	1
		1.1 x 105	21	25-452-61-07	1
		1.1 x 105	21	25-452-61-71	1



St 1		Dental-Ansatz / Dental attachment/Sujeción tipo dental / Embout dentaire / Connessione dentalea			
Ø x L (mm)	Stop (mm)				
1.1 x 30	17	50-920-00-07		1	
1.1 x 20	7	50-920-07-07		1	
1.1 x 45	5	25-458-05-07		1	
1.1 x 45	7	25-458-07-07		1	
1.1 x 45	15	25-458-15-07		1	



Mikro-Platten 1.5 mm

Micro Plates 1.5 mm

Placas Micro, 1.5 mm

Plaques Micro 1.5 mm

Placche Micro da 1.5 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Aluminium
Aluminum
Aluminio
Aluminium
Aluminio



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
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STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

Biegeschablone
Template
Plantilla
Gabarit
Modello



25-302-12-09 **Ti** 5
25-302-12-91 **Ti** 1
25-302-12-71 **Ti** 1

$\phi = 0.6$ mm

25-302-12-89 **Al** 1



25-302-70-09 **Ti** 5
25-302-70-91 **Ti** 1
25-302-70-71 **Ti** 1

$\phi = 0.6$ mm

25-302-70-89 **Al** 1



25-304-00-09 **Ti** 5
25-304-00-91 **Ti** 1
25-304-00-71 **Ti** 1

$\phi = 0.6$ mm

25-304-00-89 **Al** 1



1.17.

25-304-55-09 **Ti** 5
25-304-55-91 **Ti** 1
25-304-55-71 **Ti** 1

$\phi = 0.6$ mm

Storis 0.6 mm

25-304-55-89 **Al** 1



25-304-70-09 **Ti** 5
25-304-70-91 **Ti** 1
25-304-70-71 **Ti** 1

$\phi = 0.6$ mm

25-304-70-89 **Al** 1



25-304-85-09 **Ti** 5
25-304-85-91 **Ti** 1
25-304-85-71 **Ti** 1

$\phi = 0.6$ mm

25-304-85-89 **Al** 1



25-306-00-09 **Ti** 5
25-306-00-91 **Ti** 1
25-306-00-71 **Ti** 1

$\phi = 0.6$ mm

25-306-00-89 **Al** 1



25-306-55-09 **Ti** 5
25-306-55-91 **Ti** 1
25-306-55-71 **Ti** 1

$\phi = 0.6$ mm

25-306-55-89 **Al** 1



25-306-70-09 **Ti** 5
25-306-70-91 **Ti** 1
25-306-70-71 **Ti** 1

$\phi = 0.6$ mm

25-306-70-89 **Al** 1



25-306-85-09 **Ti** 5
25-306-85-91 **Ti** 1
25-306-85-71 **Ti** 1

$\phi = 0.6$ mm

25-306-85-89 **Al** 1



25-308-00-09 **Ti** 5
25-308-00-91 **Ti** 1
25-308-00-71 **Ti** 1

$\phi = 0.6$ mm

25-308-00-89 **Al** 1



25-316-00-09 **Ti** 5
25-316-00-91 **Ti** 1
25-316-00-71 **Ti** 1

$\phi = 0.6$ mm

25-316-00-89 **Al** 1

24 skylių tiesi plokštelė



25-320-00-09 **Ti** 5
25-320-00-91 **Ti** 1
25-320-00-71 **Ti** 1

$\phi = 0.6$ mm

25-320-00-89 **Al** 1



1.18.

25-330-24-09 **Ti** 1
25-330-24-71 **Ti** 1

$\phi = 0.6$ mm **Storis 0.6 mm**

25-330-24-89 **Al** 1

1.19. Puslankiu lenkta



25-325-06-09 **Ti** 5
25-325-06-91 **Ti** 1
25-325-06-71 **Ti** 1

$\phi = 0.6$ mm

Storis 0.6 mm

25-325-06-89 **Al** 1



25-325-08-09 **Ti** 5
25-325-08-91 **Ti** 1
25-325-08-71 **Ti** 1

$\phi = 0.6$ mm

25-325-08-89 **Al** 1



25-325-10-09 **Ti** 5
25-325-10-91 **Ti** 1
25-325-10-71 **Ti** 1

$\phi = 0.6$ mm

25-325-10-89 **Al** 1



1/2  **1.22.**

25-310-55-09  
 25-310-55-91  
 25-310-55-71  
 = 0.6 mm
Storis 0.6 mm
 25-310-55-89  

 **1.23.**

25-311-55-09  
 25-311-55-91  
 25-311-55-71  
 = 0.6 mm
Storis 0.6 mm
 25-310-55-89  

 **1.24.**

25-310-70-09  
 25-310-70-91  
 25-310-70-71  
 = 0.6 mm
Storis 0.6 mm
 25-310-70-89  

 **1.25**

25-311-70-09  
 25-311-70-91  
 25-311-70-71  
 = 0.6 mm
Storis 0.6 mm
 25-310-70-89

1/2  **1.26.**

25-310-85-09  
 25-310-85-91  
 25-310-85-71  
 = 0.6 mm
Storis 0.6 mm
 25-310-85-89  

 **1.27.**

25-311-85-09  
 25-311-85-91  
 25-311-85-71  
 = 0.6 mm
Storis 0.6 mm
 25-310-85-89  



25-312-55-09  
 25-312-55-91  
 25-312-55-71  
 = 0.6 mm
 25-312-55-89  



25-313-55-09  
 25-313-55-91  
 25-313-55-71  
 = 0.6 mm
 25-312-55-89

1/2  **1.28.**

25-312-70-09  
 25-312-70-91  
 25-312-70-71  
 = 0.6 mm
 25-312-70-89  

 **1.29.**

25-313-70-09  
 25-313-70-91  
 25-313-70-71  
 = 0.6 mm
 25-312-70-89  

 **1.30.**

25-312-85-09  
 25-312-85-91  
 25-312-85-71  
 = 0.6 mm
 25-312-85-89  

 **1.31.**

25-313-85-09  
 25-313-85-91  
 25-313-85-71  
 = 0.6 mm
 25-312-85-89  

1/2  **1.32.**

25-314-85-09  
 25-314-85-91  
 25-314-85-71  
 = 0.6 mm
 25-314-85-89  

 **1.33.**

25-315-85-09  
 25-315-85-91  
 25-315-85-71  
 = 0.6 mm
 25-314-85-89  

Mikro-Platten 1.5 mm

Micro Plates 1.5 mm

Placas Micro, 1.5 mm

Plaques Micro 1.5 mm

Placche Micro da 1.5 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Aluminium
Aluminum
Aluminio
Aluminium
Alluminio



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

Biegeschablone
Template
Plantilla
Gabarit
Modello



1/1

25-315-06-09
25-315-06-91
25-315-06-71
 = 0.6 mm

25-315-06-89



100° 80°

25-316-06-91

= 0.6 mm



80° 100°

25-317-06-91

= 0.6 mm



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

25-330-07-89



1/1

25-320-55-09
25-320-55-91
25-320-55-71
 = 0.6 mm

25-320-55-89



1.20.

25-320-70-09
25-320-70-91
25-320-70-71
 = 0.6 mm

Storis 0.6 mm

25-320-70-89



25-320-85-09
25-320-85-91
25-320-85-71
 = 0.6 mm

25-320-85-89



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

25-329-05-89



1/1

1.21.

25-322-55-09
25-322-55-91
25-322-55-71
 = 0.6 mm

Storis 0.6 mm

25-322-55-89



25-322-70-09
25-322-70-91
25-322-70-71
 = 0.6 mm

25-322-70-89



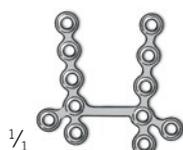
25-322-85-09
25-322-85-91
25-322-85-71
 = 0.6 mm

25-322-85-89



25-326-55-09
25-326-55-91
25-326-55-71
 = 0.6 mm

25-326-55-89



1/1

25-328-12-09
25-328-12-91
25-328-12-71
 = 0.6 mm



25-329-01-09
25-329-01-71
 = 0.6 mm



25-329-02-09
25-329-02-71
 = 0.6 mm

3D-Mesh 1.5 mm

3D Mesh 1.5 mm

Malla 3D 1.5 mm

Mesh 3D 1.5 mm

Mesh 3D da 1.5 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE (R)

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

3D-Mesh

- Dieses Mesh-Design ermöglicht die dreidimensionale Konturierung, ohne dass es dabei zu unerwünschter Faltenbildung oder Überlappung kommt.
- Gestattet dem Chirurgen die exakte Anpassung an die anatomischen Gegebenheiten.
- Einsatz in Verbindung mit KLS-Martin-Drill-Free-Schrauben der Größe 1.5 mm.

3D Mesh

1.28.

- Mesh design provides 3-dimensional contouring without unwanted wrinkled or overlapped areas.
- Allows the surgeon to match the patient's unique anatomical features.
- Used in conjunction with KLS Martin Drill-Free 1.5 mm screws.

Malla 3D

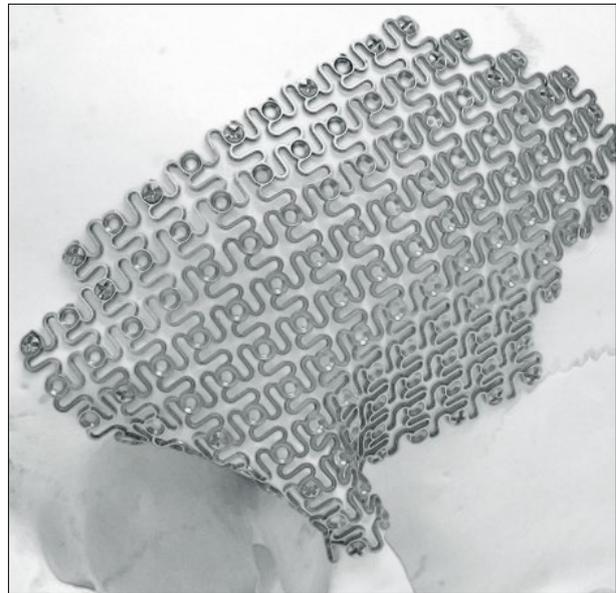
- El diseño de la malla proporciona un moldeado tridimensional sin áreas arrugadas o superpuestas.
- Permite que el cirujano pueda adaptarlas a las características anatómicas únicas del paciente.
- Se utiliza junto con los tornillos Drill-Free de KLS Martin de 1.5 mm.

Mesh 3D

- Le design du Mesh donne un contour en 3 dimensions sans zones de plis indésirables ou qui se chevauchent.
- Permet au chirurgien de s'adapter exactement aux caractéristiques anatomiques spécifiques du patient.
- Utilisation en liaison avec les vis Drill-Free de 1.5 mm de KLS Martin.

Mesh 3D

- Il design Mesh fornisce profili tridimensionali senza zone rugose o sovrapposte indesiderate.
- Permette al chirurgo di adattarsi alle caratteristiche anatomiche uniche del paziente.
- Si usa con le viti KLS Martin Drill-Free da 1.5 mm.



1/1

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

1.28.

Storis 0.6 mm

Mikro-Orbita-Mesh

Micro Orbital Mesh
Micro malla orbital
Mesh orbitaire Micro
Mesh Micro orbitale



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



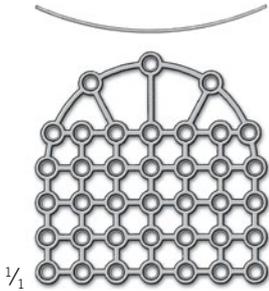
Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

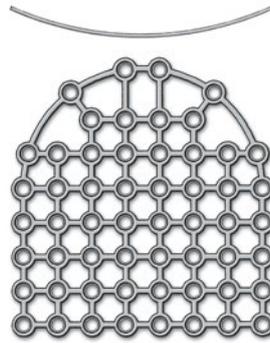
Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente



1/1

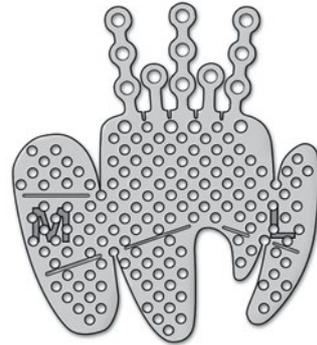
25-042-15-09 = 0.3 mm
25-042-15-71 = 0.3 mm

Mesh für Orbita-Boden, vorgeformt
Mesh for orbital floor, contoured
Malla para la base de la órbita ocular, preformada
Mesh pour fond orbitaire, préformé
Mesh per il pavimento orbitale, preformato



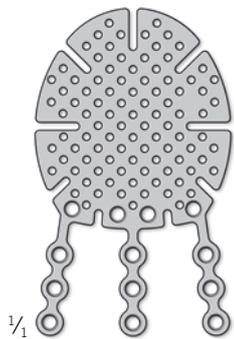
25-042-16-09 = 0.3 mm
25-042-16-71 = 0.3 mm

Mesh für Orbita-Boden, vorgeformt
Mesh for orbital floor, contoured
Malla para la base de la órbita ocular, preformada
Mesh pour fond orbitaire, préformé
Mesh per il pavimento orbitale, preformato



25-043-01-09 = 0.3 mm
25-043-01-71 = 0.3 mm
25-043-02-09 = 0.5 mm
25-043-02-71 = 0.5 mm

Mesh für Orbita-Boden
Mesh for orbital floor
Malla para la base de la órbita ocular
Mesh pour fond orbitaire
Mesh per il pavimento orbitale

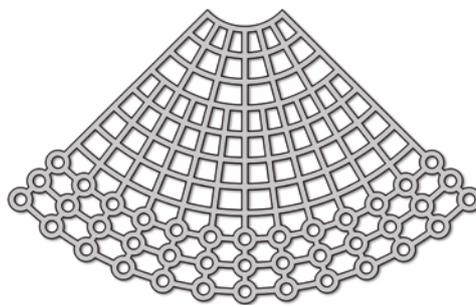


1/1

1.29.

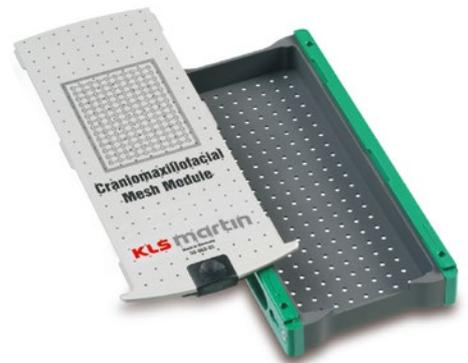
25-043-09-09 = 0.3 mm
25-043-09-71 = 0.3 mm

Mesh für Orbita-Boden
Mesh for orbital floor
Malla para la base de la órbita ocular
Mesh pour fond orbitaire
Mesh per il pavimento orbitale



25-043-16-09 = 0.2 mm
25-043-17-09 = 0.3 mm

Mesh für Orbita-Boden
Mesh for orbital floor
Malla para la base de la órbita ocular
Mesh pour fond orbitaire
Mesh per il pavimento orbitale



55-962-12-04 Lagerungsmodul ohne Deckel
Storage module without lid
Módulo de almacenaje sin tapa
Module de rangement sans couvercle
Modulo di supporto senza coperchio

55-963-05-04 Deckel/Lid/Tapa/Couvercle/Coperchio

Akiduobès pagrindo plokštelė

Gebrüder Martin GmbH & Co. KG
Sales Europe

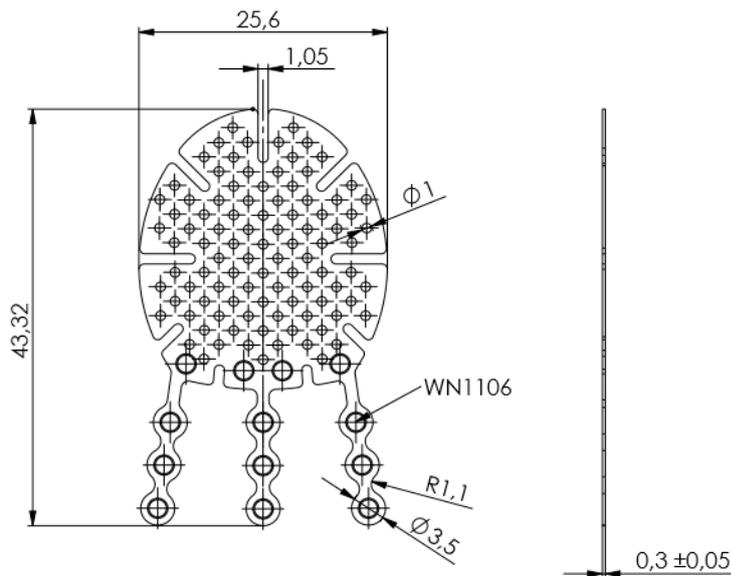
04.07.2019
Laura Wernz

Tel.: +49 7461 - 706-480
Laura.wernz@klsmartin.com

Dear Sir or Madam,

We hereby confirm that the article 25-043-09-09 has a length of 43.32 mm, a width of 25.6 mm, and a thickness of 0.3mm.

1.29. Akiduobės pagrindo plokštelė



Gebrüder Martin GmbH & Co. KG
A company of the KLS Martin Group

i.A. *Laura Wernz*

Laura Wernz
Junior Area Manager
Northwest-/ Southwest Europe
CMF Surgery
Neurosurgery

Gebrüder Martin GmbH & Co. KG
KLS Martin Platz 1 · 78532 Tuttlingen/Germany
Postfach 60 · 78501 Tuttlingen/Germany
Tel. +49 7461 706-0 · Fax +49 7461 706-193
info@klsmartin.com · www.klsmartin.com

Registergericht: Stuttgart
Handelsregister: HRA 450196
Ust.-IdNr.: DE 142930777

Gesellschafter:
Karl Leibinger Medizintechnik,
Stuckenbrock Medizintechnik

Persönlich haftende Gesellschafterin:
Martin Verwaltungsgesellschaft mbH
Registergericht: Stuttgart
Handelsregister: HRB 450711
WEEE-Reg.-Nr. 40473755

Geschäftsführer:
Karl Leibinger, Christian Leibinger, Donat Stuckenbrock

Deutsche Bank Tuttlingen: BLZ 653 700 75 · Kto. 2 184 000
IBAN DE 25 6537 0075 0218 4000 00 · BIC DEUT DE 55 653
Kreissparkasse Tuttlingen: BLZ 643 500 70 · Kto. 10234
IBAN DE 15 6435 0070 0000 0102 34 · BIC SOLADE S1 TUT
Commerzbank AG, Filiale Tuttlingen: BLZ 694 400 70 · Kto. 0 241 215 300
IBAN DE 88 6944 0007 0241 2153 00 · BIC COBADEFF694

KLS martin
GROUP



LevelOne Fixation

Osteosynthese 2.0 Mini

Osteosynthesis 2.0 Mini

Osteosíntesis 2.0 Mini

Ostéosynthèse 2.0 Mini

Osteosintesi 2.0 Mini

2.0-mm-Mini-System

2.0 mm Mini System

Sistema Mini 2.0 mm

Système Mini 2.0 mm

Sistema Mini da 2.0 mm



LevelOne Fixation

Indikationen

- Mandibuläre Frakturen
- Fixation von Knochentransplantaten
- Primäre und sekundäre Rekonstruktion von Unterkieferdefekten
- Frakturen in lasttragenden Regionen des Kraniaums

Indications

- Mandibular fractures
- Fixation of bone grafts
- Primary and secondary reconstruction of mandibular defects
- Fractures in cranial high-load regions

Indicaciones

- Fracturas mandibulares
- Fijación de trasplantes óseos
- Reconstrucción primaria y secundaria de defectos mandibulares
- Fracturas en regiones de carga elevada en el cráneo

Indications

- Fractures mandibulaires
- Fixation de greffons d'os
- Reconstruction primaire et secondaire de défauts de la mandibule
- Fractures dans des régions du crâne subissant des charges

Indicazioni

- Fratture della mandibola
- Fissaggio dei trapianti ossei
- Ricostruzione primaria e secondaria dei difetti della mandibola
- Fratture in regioni del cranio a funzione portante

Übersicht Materialien

Materials Overview

Sinopsis de materiales

Vue d'ensemble des matériaux

Quadro sinottico dei materiali

Osteosynthese 2.0 Mini

Osteosynthesis 2.0 Mini

Osteosíntesis 2.0 Mini

Ostéosynthèse 2.0 Mini

Osteosintesi 2.0 Mini



	Platten Plates Plokštelės Placas Plaques Placche Iš gryno titano	Schrauben Screws Sraigčiai Tornillos Vis Viti Iš titano lydinio
Materialien Materials Materiales Matériaux Materiali	Ti Reintitan in Implantatqualität Pure titanium in implant quality Titanio puro en calidad de implante Titane pur dans la qualité pour implants Titanio puro in qualità da impianti	Ti Titan-Legierung in Implantatqualität Titanium alloy in implant quality Aleación de titanio en calidad de implante Alliage de titane dans la qualité pour implants Lega di titanio in qualità da impianti Ti-6Al-4V
Normen Standards Normas Normes Norme	DIN ISO 5832-2 DIN 17850 ASTM F 67	DIN ISO 5832-3 DIN 17851 ASTM F 136a

Mini-Schrauben 2.0 mm

Mini Screws 2.0 mm

Tornillos Mini, 2.0 mm

Vis Mini 2.0 mm

Viti Mini da 2.0 mm

Ti

Titan-Legierung
Titanium alloy
Aleación de titanio
Alliage de titane
Lega di titanio

1

Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE | R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

2.1. Mini sraigčiai "maxDrive"

maxDrive®



Mini-Schrauben
Mini Screws
Tornillos Mini
Vis Mini
Viti Mini

selbsthaltend
self-retaining
autobloqueantes
autobloquante
autoritensiva



2.1.

	maxDrive® 5	STERILE R 5	STERILE R 1
2.0 x 4 mm	25-872-04-09	25-872-04-75	25-872-04-71
2.0 x 5 mm	25-872-05-09	25-872-05-75	25-872-05-71
2.0 x 6 mm	25-872-06-09	25-872-06-75	25-872-06-71
2.0 x 7 mm	25-872-07-09	25-872-07-75	25-872-07-71
2.0 x 9 mm	25-872-09-09	25-872-09-75	25-872-09-71
2.0 x 11 mm	25-872-11-09	25-872-11-75	25-872-11-71
2.0 x 13 mm	25-872-13-09	25-872-13-75	25-872-13-71
2.0 x 15 mm	25-872-15-09	25-872-15-75	25-872-15-71
2.0 x 17 mm	25-872-17-09	25-872-17-75	25-872-17-71
2.0 x 19 mm	25-872-19-09		25-872-19-71

Centre-Drive®



Mini-Schrauben
Mini Screws
Tornillos Mini
Vis Mini
Viti Mini

selbsthaltend
self-retaining
autobloqueantes
autobloquante
autoritensiva



	Centre Drive®	STERILE R
2.0 x 4 mm	25-662-04-09	25-662-04-75
2.0 x 5 mm	25-662-05-09	25-662-05-75
2.0 x 6 mm	25-662-06-09	
2.0 x 7 mm	25-662-07-09	25-662-07-75
2.0 x 9 mm	25-662-09-09	25-662-09-75
2.0 x 11 mm	25-662-11-09	25-662-11-75
2.0 x 13 mm	25-662-13-09	25-662-13-75
2.0 x 15 mm	25-662-15-09	25-662-15-75
2.0 x 17 mm	25-662-17-09	25-662-17-75
2.0 x 19 mm	25-662-19-09	25-662-19-75

2.2. „Avariniai“ mini staigtai

Notfallschrauben
Emergency Screws
Tornillos de emergencia
Vis d'urgence
Viti di emergenza

selbsthaltend
self-retaining
autobloqueantes
autobloquante
autoritensiva



2.2.

	maxDrive® 5	STERILE R 5	STERILE R 1
2.3 x 4 mm	25-873-44-09	25-873-44-75	25-873-44-71
2.3 x 5 mm	25-873-45-09	25-873-45-75	25-873-45-71
2.3 x 7 mm	25-873-47-09	25-873-47-75	25-873-47-71
2.3 x 9 mm	25-873-49-09		25-873-49-71

Notfallschrauben
Emergency Screws
Tornillos de emergencia
Vis d'urgence
Viti di emergenza

selbsthaltend
self-retaining
autobloqueantes
autobloquante
autoritensiva



	Centre Drive®	STERILE R
2.3 x 5 mm	25-663-45-09	
2.3 x 7 mm	25-663-47-09	25-663-47-75
2.3 x 9 mm	25-663-49-09	25-663-49-75

Drill-Free-Schrauben
Drill-Free-Screws
Tornillos Drill-Free
Vis autoforeuses
Viti Drill Free autop perforanti

selbsthaltend
self-retaining
autobloqueantes
autobloquante
autoritensiva



	maxDrive® 5	STERILE R 5	STERILE R 1
2.0 x 5 mm	25-879-05-09	25-879-05-75	25-879-05-71
2.0 x 6 mm	25-879-06-09		25-879-06-71
2.0 x 7 mm	25-879-07-09	25-879-07-75	25-879-07-71
2.0 x 9 mm	25-879-09-09	25-879-09-75	25-879-09-71

Drill-Free-Schrauben
Drill-Free-Screws
Tornillos Drill-Free
Vis autoforeuses
Viti Drill Free autop perforanti

selbsthaltend
self-retaining
autobloqueantes
autobloquante
autoritensiva



	Centre Drive®	STERILE R
2.0 x 5 mm	25-669-05-09	25-669-05-75
2.0 x 7 mm	25-669-07-09	25-669-07-75

Vorbohrer für 2.0-mm-Mini-System

Twist Drills for 2.0-mm Mini System

Brocas para sistema Mini 2.0 mm

Mèches de préforage pour système Mini 2.0 mm

Frese per sistema Mini da 2.0 mm

Osteosynthese 2.0 Mini

Osteosynthesis 2.0 Mini

Osteosíntesis 2.0 Mini

Ostéosynthèse 2.0 Mini

Osteosintesi 2.0 Mini



Vorbohrer

Twist drills

Grąźtai

Brocas

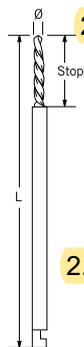
Mèches de préforage

Frese

St

J-Kupplung / J-Notch / Conexión-J /
Conexion-J / Connessione-J

Pagaminti iš nerūdijančio plieno



2.4.

2.5.

2.7.

Ø x L (mm)	Stop (mm)	STERILE R	
1.5 x 50	2.6.	5	25-449-05-07 5 2.6.
1.5 x 50	5		25-449-05-91 1
1.5 x 50	5		25-449-05-71 1
1.5 x 50	7		25-449-07-07 5 2.4.
1.5 x 50	7		25-449-07-91 1
1.5 x 50	7		25-449-07-71 1
1.5 x 50	9		25-449-09-07 5
1.5 x 50	9		25-449-09-91 1
1.5 x 50	9		25-449-09-71 1
1.5 x 50	11		25-449-11-07 5
1.5 x 50	11		25-449-11-91 1
1.5 x 50	21		25-449-16-07 5 2.5.
1.5 x 50	21		25-449-16-91 1
1.5 x 50	21		25-449-16-71 1
1.5 x 70	10		25-458-16-07 5
1.5 x 70	10		25-458-16-91 1
1.5 x 70	-		25-461-16-07 5
1.5 x 70	-		25-461-16-91 1
1.5 x 105	5		50-515-05-07 1
1.5 x 115	-		25-469-11-07 1 2.7.
1.5 x 115	-		25-469-11-71 1



St

Dental-Ansatz / Dental attachment/Sujeción tipo dental /
Embout dentaire / Connessione dentalea

Ø x L (mm)	Stop (mm)		
1.5 x 34	19	50-924-00-07	1
1.5 x 20	7	50-924-07-07	1
1.5 x 22	9	50-924-09-07	1
1.5 x 45	5	25-459-05-07	1
1.5 x 45	7	25-459-07-07	1
1.5 x 45	15	25-459-15-07	1

Mini-Schrauben 2.0 mm

Mini Screws 2.0 mm
Tornillos Mini, 2.0 mm
Vis Mini 2.0 mm
Viti Mini da 2.0 mm

Ti

Titan-Legierung
Titanium alloy
Aleación de titanio
Alliage de titane
Lega di titanio

St

Edelstahl
Stainless steel
Acero inoxidable
Acier inoxydable
Acciaio inossidabile

1

Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

maxDrive®



Ti

St

MMF-Schrauben
MMF Screws
Tornillos MMF
Vis MMF
Viti MMF

Gewindelänge	Gesamtlänge	selbsthaltend
Length of thread	Total length	self-retaining
Largo de la rosca	Largo total	autobloqueantes
Longueur fileté	Longueur totale	autobloquante
Lunghezza di filettatura	Lunghezza totale	autoritensiva

	Ø		STERILE R		
	2,0 mm	8 mm	12 mm	25-092-08-09	Ti
2,0 mm	8 mm	12 mm	25-092-08-72	Ti	2
2,0 mm	8 mm	12 mm	25-092-38-05	St	5
2,0 mm	8 mm	12 mm	25-092-38-72	St	2
2,0 mm	12 mm	16 mm	25-092-12-09	Ti	5
2,0 mm	12 mm	16 mm	25-092-12-72	Ti	2
2,0 mm	12 mm	16 mm	25-092-42-05	St	5
2,0 mm	12 mm	16 mm	25-092-42-72	St	2

(mit Clip-Magazin / with clip magazine / con depósito sujetatornillos / avec chargeur à clip / con contenitore-clip per viti)

2.3. "Amsterdam MMF" tipo sraigai

maxDrive®



Ti

St

Pagaminti iš nerūdijančio plieno

Amsterdam-MMF-Schrauben
Amsterdam MMF Screws
Tornillos MMF Amsterdam
Vis MMF Amsterdam
Viti MMF Amsterdam

Gewindelänge	Gesamtlänge	selbsthaltend
Length of thread	Total length	self-retaining
Largo de la rosca	Largo total	autobloqueantes
Longueur fileté	Longueur totale	autobloquante
Lunghezza di filettatura	Lunghezza totale	autoritensiva

	Ø		STERILE R		
	2,0 mm	8 mm	12 mm	25-099-12-09	Ti
2,0 mm	8 mm	12 mm	25-099-12-72	Ti	2
2,0 mm	8 mm	12 mm	25-099-42-05	St	2
2,0 mm	8 mm	12 mm	25-099-42-72	St	2
2,0 mm	10 mm	14 mm	25-099-14-09	Ti	2
2,0 mm	10 mm	14 mm	25-099-14-72	Ti	2
2,0 mm	10 mm	14 mm	25-099-44-05	St	2
2,0 mm	10 mm	14 mm	25-099-44-72	St	2

entwickelt in Zusammenarbeit mit:
designed in cooperation with:
diseñado en cooperación con:
développé en collaboration avec:
progettato in collaborazione con:

- Dr. Bart van den Bergh, VU Amsterdam, The Netherlands

(ohne Clip-Magazin / without clip magazine / sin depósito sujetatornillos / sans chargeur à clip / senza contenitore-clip per viti)



Centre Drive®



FAMI-MMF-Schraube	Gewindelänge	Gesamtlänge	selbsthaltend
FAMI MMF Screws	Length of thread	Total length	self-retaining
Tornillos FAMI MMF	Largo de la rosca	Largo total	autobloqueantes
Vis FAMI MMF	Longueur fileté	Longueur totale	autobloquante
Viti FAMI MMF	Lunghezza di filettatura	Lunghezza totale	autoritensiva

	Ø			STERILE R	
	2,0 mm	8 mm	10,4 mm	25-097-08-09	Ti 2
	2,0 mm	8 mm	10,4 mm	25-097-08-75	Ti 2

entwickelt in Zusammenarbeit mit:
 designed in cooperation with:
 diseñado en cooperación con:
 développé en collaboration avec:
 progettato in collaborazione con:

- Lars Erikson D.D.S, Odont D. (Ph.D.), University of Lund, Sweden
- Dr. Dr. Rainer Fangmann, MSC, Wilhelmshaven, Germany
- PD Dr. Dr. R. Mischkowski, Städt. Klinikum Ludwigshafen, Germany

(mit Clip-Magazin / with clip magazine / con depósito sujetatornillos / avec chargeur à clip / con contenitore-clip per viti)

Cross-Drive



FAMI-MMF-Schraube	Gewindelänge	Gesamtlänge	selbsthaltend
FAMI MMF Screws	Length of thread	Total length	self-retaining
Tornillos FAMI MMF	Largo de la rosca	Largo total	autobloqueantes
Vis FAMI MMF	Longueur fileté	Longueur totale	autobloquante
Viti FAMI MMF	Lunghezza di filettatura	Lunghezza totale	autoritensiva

	Ø			STERILE R	
	2,0 mm	8 mm	10,7 mm	25-099-08-09	Ti 2
	2,0 mm	11 mm	13,7 mm	25-099-11-09	Ti 2

entwickelt in Zusammenarbeit mit:
 designed in cooperation with:
 diseñado en cooperación con:
 développé en collaboration avec:
 progettato in collaborazione con:

- Dr. Dr. Rainer Fangmann, MSC, Wilhelmshaven, Germany
- PD Dr. Dr. R. Mischkowski, Städt. Klinikum Ludwigshafen, Germany

(mit Clip-Magazin / with clip magazine / con depósito sujetatornillos / avec chargeur à clip / con contenitore-clip per viti)



1/2

2.19. Arkinè juosta Erich tipo

Erich

38-690-00-07 St 1

1000 mm

Drahtbogen

Arch bar

Arco de alambre

Arc de fil

Arco di filo

Mini-Platten 2.0 mm

Mini Plates 2.0 mm

Placas Mini, 2.0 mm

Plaques Mini 2.0 mm

Placche Mini da 2.0 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Aluminium
Aluminum
Aluminio
Aluminio
Aluminium



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

Biegeschablone
Template
Plantilla
Gabarit
Modello



1/1

Standard
Standard
Estándar
Standard
Standard

25-551-02-09
25-551-02-91
25-551-02-71
 = 1.0 mm

Low Profile
Low Profile
Perfil bajo
Profil bas
Basso profilo

50-362-02-09
50-362-02-91
50-362-02-71
 = 0.6 mm



2.8.

25-550-04-09
25-550-04-91
25-550-04-71
 = 1.0 mm

Storis 1.0 mm

50-360-04-09
50-360-04-91
50-360-04-71
 = 0.6 mm

25-550-04-89



2.9.

25-551-04-09
25-551-04-91
25-551-04-71
 = 1.0 mm

Storis 1.0 mm

50-362-04-09
50-362-04-91
50-362-04-71
 = 0.6 mm

25-551-04-89



25-552-04-09
25-552-04-91
25-552-04-71
 = 1.0 mm

50-364-04-09
50-364-04-91
50-364-04-71
 = 0.6 mm

25-552-04-89



1/1

2.10.

Standard
Standard
Estándar
Standard
Standard

25-550-06-09
25-550-06-91
25-550-06-71
 = 1.0 mm

Storis 1.0 mm

Low Profile
Low Profile
Perfil bajo
Profil bas
Basso profilo

50-366-06-09
50-366-06-91
50-366-06-71
 = 0.6 mm

25-550-06-89



25-552-06-09
25-552-06-91
25-552-06-71
 = 1.0 mm

50-368-06-09
50-368-06-91
50-368-06-71
 = 0.6 mm

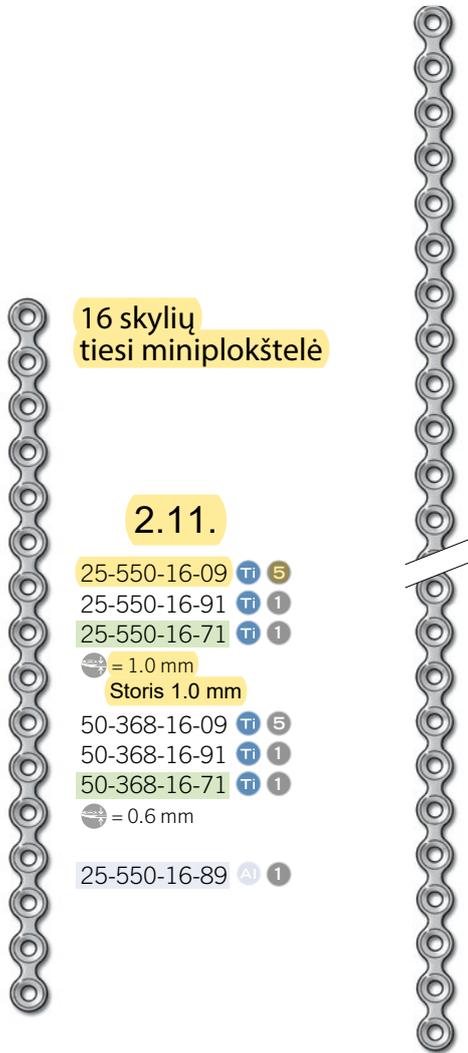
25-552-06-89



25-550-08-09
25-550-08-91
25-550-08-71
 = 1.0 mm

50-370-08-09
50-370-08-91
50-370-08-71
 = 0.6 mm

25-550-08-89



16 skylių
tiesi miniplokštelė

2.11.

Standard
Standard
Estándar
Standard
Standard

25-550-16-09 Ti 5

25-550-16-91 Ti 1

25-550-16-71 Ti 1

⌀ = 1.0 mm

Storis 1.0 mm

Low Profile
Low Profile
Perfil bajo
Perfil bas
Basso profilo

50-368-16-09 Ti 5

50-368-16-91 Ti 1

50-368-16-71 Ti 1

⌀ = 0.6 mm

25-550-16-89 Al 1

25-550-40-09 Ti 5

25-550-40-71 Ti 1

40-Loch

40 holes

40 agujeros

40 trous

40 fori

⌀ = 1.0 mm



1/1

Standard
Standard
Estándar
Standard
Standard

25-564-04-09 Ti 5

25-564-04-91 Ti 1

25-564-04-71 Ti 1

⌀ = 1.0 mm

Low Profile
Low Profile
Perfil bajo
Perfil bas
Basso profilo

50-371-04-09 Ti 5

50-371-04-91 Ti 1

50-371-04-71 Ti 1

⌀ = 0.6 mm

25-566-04-89 Al 1

25-566-04-09 Ti 5

25-566-04-91 Ti 1

25-566-04-71 Ti 1

⌀ = 1.0 mm

50-373-04-09 Ti 5

50-373-04-91 Ti 1

50-373-04-71 Ti 1

⌀ = 0.6 mm

25-566-04-89 Al 1

25-569-04-09 Ti 5

25-569-04-91 Ti 1

25-569-04-71 Ti 1

⌀ = 1.0 mm

50-375-04-09 Ti 5

50-375-04-91 Ti 1

50-375-04-71 Ti 1

⌀ = 0.6 mm

25-571-04-89 Al 1

25-571-04-09 Ti 5

25-571-04-91 Ti 1

25-571-04-71 Ti 1

⌀ = 1.0 mm

50-377-04-09 Ti 5

50-377-04-91 Ti 1

50-377-04-71 Ti 1

⌀ = 0.6 mm

25-571-04-89 Al 1

Mini-Platten 2,0 mm

Mini Plates 2.0 mm
Placas Mini, 2,0 mm
Plaques Mini 2,0 mm
Placche Mini da 2,0 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Aluminium
Aluminum
Aluminio
Aluminium
Alluminio



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

Biegeschablone
Template
Plantilla
Gabarit
Modello



1/1

2.12.

Standard
Standard
Estándar
Standard
Standard

25-553-05-09
25-553-05-91
25-553-05-71
= 1.0 mm
Storis 1.0 mm

25-554-04-09
25-554-04-91
25-554-04-71
= 1.0 mm

25-573-06-09
25-573-06-91
25-573-06-71
= 1.0 mm

25-570-06-09
25-570-06-91
25-570-06-71
= 1.0 mm

Low Profile
Low Profile
Perfil bajo
Profil bas
Basso profilo

50-390-05-09
50-390-05-91
50-390-05-71
= 0.6 mm

50-391-05-09
50-391-05-91
50-391-05-71
= 0.6 mm

50-396-06-09
50-396-06-91
50-396-06-71
= 0.6 mm

50-397-06-09
50-397-06-91
50-397-06-71
= 0.6 mm

25-553-05-89

25-554-04-89

25-573-06-89

25-570-06-89



1/1

Low Profile
Low Profile
Perfil bajo
Profil bas
Basso profilo

50-398-08-09
50-398-08-71
= 0.6 mm



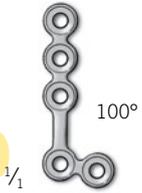
50-399-10-09
50-399-10-71
= 0.6 mm



50-399-12-09
50-399-12-71
= 0.6 mm



2.14.



50-381-05-09 Ti 1

50-381-05-71 Ti 1

= 0.7 mm

Storis 0.7 mm

2.15.



50-383-05-09 Ti 1

50-383-05-71 Ti 1

= 0.7 mm

Storis 0.7 mm

2.16.



50-405-07-09 Ti 1

50-405-07-71 Ti 1

= 0.7 mm

Storis 0.7 mm

2.17.

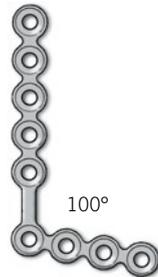


50-407-07-09 Ti 1

50-407-07-71 Ti 1

= 0.7 mm

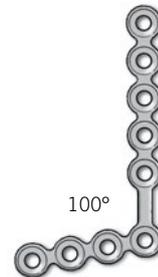
Storis 0.7 mm



50-405-09-09 Ti 1

50-405-09-71 Ti 1

= 0.7 mm



50-407-09-09 Ti 1

50-407-09-71 Ti 1

= 0.7 mm

1/2



50-400-06-09 Ti 5

50-400-06-91 Ti 1

50-400-06-71 Ti 1

= 0.6 mm



50-400-08-09 Ti 5

50-400-08-91 Ti 1

50-400-08-71 Ti 1

= 0.6 mm



50-405-12-09 Ti 1

50-405-12-71 Ti 1

= 0.7 mm

1/2



50-405-08-09 Ti 1

50-405-08-71 Ti 1

= 0.7 mm



50-406-08-09 Ti 1

50-406-08-71 Ti 1

= 0.7 mm

Kiefergelenk-Fraktur-Platten 2.0 mm

Condylar Fracture Plates 2.0 mm

Placas de fractura de la articulación temporo-mandibular 2.0 mm

Plaques de fracture condylienne 2.0 mm

Placche per fratture del condilo della mandibola da 2.0 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placce



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Titan-Legierung
Titanium alloy
Aleación de titanio
Alliage de titane
Lega di titanio



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE IR

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

Rhombus-3D

Kiefergelenk-Fraktur-Platten

Condylar fracture plates

Placas de fractura de la articulación temporo mandibular

Plaques de fracture condylienne

Placche per fratture del condilo della mandibola

entwickelt in Zusammenarbeit mit:

designed in cooperation with:

diseñado en cooperación con:

développé en collaboration avec:

progettato in collaborazione con:

Prof. Dr. Dr. G. Lauer, University of Dresden, Germany



1/1

25-285-05-09

25-285-05-71

20 x 13 mm

= 1.0 mm

zu fixieren mit Standard-Schrauben
(nicht winkelstabil, 2.0 / 2.3 mm)

to be fixed with standard mini screws
(non locking, 2.0 / 2.3 mm)

A fijar con tornillos mini estándar
(sin ángulo fijo, 2.0 / 2.3 mm)

Fixation avec mini vis standard
(sans stabilité angulaire, 2.0 / 2.3 mm)

Da fissure con miniviti standard
(senza angolo fisso, 2.0 / 2.3 mm)



1/1

25-283-05-09

25-283-05-71

20 x 13 mm

= 1.0 mm

zu fixieren mit winkelstabilen Schrauben (ThreadLock TS, 2.0 / 2.3 mm)
oder alt. Standard-Schrauben (nicht winkelstabil, 2.0 / 2.3 mm)

to be fixed with locking screws (ThreadLock TS, 2.0 / 2.3 mm)
or alt. standard mini screws (non locking 2.0 / 2.3 mm)

A fijar con tornillos de ángulo fijo (ThreadLock TS, 2.0 / 2.3 mm)
o alt. tornillos mini estándar (sin ángulo fijo, 2.0 / 2.3 mm)

Fixation avec vis de stabilité angulaire (ThreadLock TS, 2.0 / 2.3 mm)
ou alt. mini vis standard (sans stabilité angulaire, 2.0 / 2.3 mm)

Da fissure con viti ad angolo fissa (ThreadLock TS, 2.0 / 2.3 mm)
o alt. miniviti standard (senza angolo fisso, 2.0 / 2.3 mm)

Trapez-3D 2.18. Sņarinēs ataugos lūžiu osteosintezēs plokštelē 3D trapecijas formas

Kiefergelenk-Fraktur-Platten

Condylar fracture plates

Placas de fractura de la articulación temporo mandibular

Plaques de fracture condylienne

Placche per fratture del condilo della mandibola



1/1

2.18.

25-285-10-91

14 x 14.5 mm

= 1.0 mm

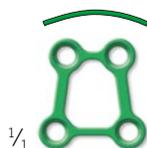
zu fixieren mit Standard-Schrauben
(nicht winkelstabil, 2.0 / 2.3 mm)

to be fixed with standard mini screws
(non locking, 2.0 / 2.3 mm)

A fijar con tornillos mini estándar
(sin ángulo fijo, 2.0 / 2.3 mm)

Fixation avec mini vis standard
(sans stabilité angulaire, 2.0 / 2.3 mm)

Da fissure con miniviti standard
(senza angolo fisso, 2.0 / 2.3 mm)



1/1

25-283-15-91

25-283-15-71

14 x 14.5 mm

= 1.0 mm

zu fixieren mit winkelstabilen Schrauben (ThreadLock TS, 2.0 / 2.3 mm)
oder alt. Standard-Schrauben (nicht winkelstabil, 2.0 / 2.3 mm)

to be fixed with locking screws (ThreadLock TS, 2.0 / 2.3 mm)
or alt. standard mini screws (non locking 2.0 / 2.3 mm)

A fijar con tornillos de ángulo fijo (ThreadLock TS, 2.0 / 2.3 mm)
o alt. tornillos mini estándar (sin ángulo fijo, 2.0 / 2.3 mm)

Fixation avec vis de stabilité angulaire (ThreadLock TS, 2.0 / 2.3 mm)
ou alt. mini vis standard (sans stabilité angulaire, 2.0 / 2.3 mm)

Da fissure con viti ad angolo fissa (ThreadLock TS, 2.0 / 2.3 mm)
o alt. miniviti standard (senza angolo fisso, 2.0 / 2.3 mm)



LevelOne Fixation

Multidirectional Locking Plate System

Osteosynthese 2.0-2.7 – Fraktur und Rekonstruktion
Osteosynthesis 2.0-2.7 – Fracture and Reconstruction
Osteosíntesis 2.0-2.7 – Fractura y Reconstrucción
Ostéosynthèse 2.0-2.7 – Fracture et Reconstruction
Osteosintesi 2.0-2.7 – Frattura e Ricostruzione

Winkelstabiles Plattensystem

Locking Plate System

Sistema de interbloqueo con ángulo fijo

Système de plaques à angle fixe

Sistema di placche ad angolo fisso



LevelOne Fixation

Indikationen

- Winkelstabile Frakturversorgung
- Stabile Unterkieferrekonstruktion
- Fixierung von Knochentransplantaten
- Primäre und sekundäre Rekonstruktionen
- Komplexe Unterkieferfrakturen

Indications

- Locking fracture management
- Stable mandibular reconstruction
- Fixation of bone grafts
- Primary and secondary reconstructions
- Complex mandibular fractures

Indicaciones

- Tratamiento de fracturas con ángulo fijo
- Reconstrucción mandibular estable
- Fijación de trasplantes óseos
- Reconstrucciones primarias y secundarias
- Fracturas mandibulares complejas

Indications

- Soins de fractures par angle fixe
- Reconstruction mandibulaire stable
- Fixation de greffons osseux
- Reconstructions primaires et secondaires
- Fractures mandibulaires complexes

Indicazioni

- Trattamento fratture ad angolo fisso
- Ricostruzione fissa della mandibola
- Fissaggio degli innesti ossei
- Ricostruzioni primarie e secondarie
- Fratture complesse della mandibola

Übersicht Materialien

Materials Overview

Sinopsis de materiales

Vue d'ensemble des matériaux

Quadro sinottico dei materiali

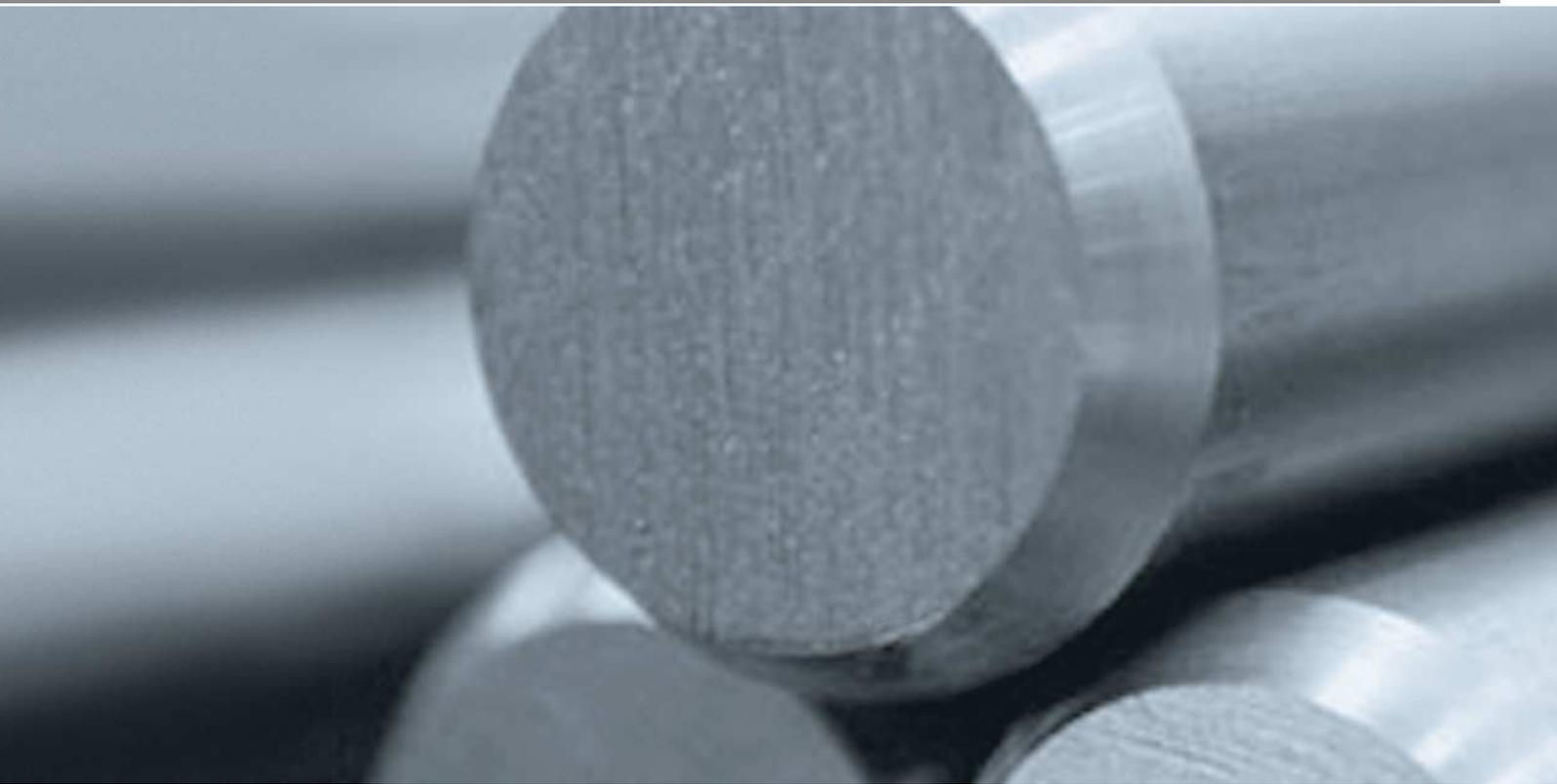
Osteosynthese 2.0 – 2.7

Osteosynthesis 2.0 – 2.7

Osteosíntesis 2.0 – 2.7

Ostéosynthèse 2.0 – 2.7

Osteosintesi 2.0 – 2.7



	Platten Plates Plokštelės Placas Plaques Placche Iš gryno titano	Schrauben Screws Sraigčiai Tornillos Vis Viti Iš titano lydinio
Materialien Materials Materiales Matériaux Materiali	Ti Reintitan in Implantatqualität Pure titanium in implant quality Titanio puro en calidad de implante Titane pur dans la qualité pour implants Titanio puro in qualità da impianti	Ti Titan-Legierung in Implantatqualität Titanium alloy in implant quality Aleación de titanio en calidad de implante Alliage de titane dans la qualité pour implants Legá di titanio in qualità da impianti Ti-6Al-4V
Normen Standards Normas Normes Norme	DIN ISO 5832-2 DIN 17850 ASTM F 67	DIN ISO 5832-3 DIN 17851 ASTM F 136a
Materialien Materials Materiales Matériaux Materiali	Ti Titan-Legierung in Implantatqualität Titanium alloy in implant quality Aleación de titanio en calidad de implante Alliage de titane dans la qualité pour implants Legá di titanio in qualità da impianti Ti-6Al-4V	
Normen Standards Normas Normes Norme	DIN ISO 5832-3 DIN 17851 ASTM F 136a	

Winkelstabiles Plattensystem

Locking Plate System

Sistema de interbloqueo con ángulo fijo

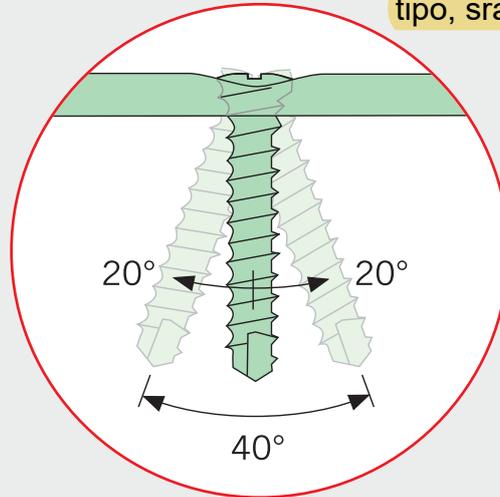
Système de plaques à angle fixe

Sistema di placche ad angolo fisso

ThreadLock TS

2.21.

2.20. Rakinami "locking" sraigta "maxDrive" tipo, sraigtus galima užrakinti iki 20° kampu



2.0 / 2.3 / 2.7 mm Screws

D Das ThreadLock-TS-System von KLS Martin steht für innovativstes Design im Mandibularbereich. Es ist speziell für Unterkieferfrakturen und -rekonstruktion ausgelegt und bietet eine große Auswahl an winkelstabilen Platten, von "Mini" bis "Rekon".

Typisch für die Schrauben dieses Systems ist die kegelförmige, konisch zulaufende Form des Kopfes (daher "taper screw" / TS), ferner das durchgehende Einfachgewinde mit gleichmäßiger Gewindesteigung über die gesamte Länge der Schraube. Dadurch kann die Schraube zunächst in den Knochen eindringen, bevor sie sich mit der letzten Drehung winkelstabil in der Platte verankert.

- Winkelstabile Verankerung der Schrauben in der Platte mit einer optionalen Auslenkung von bis zu 20° in jede Richtung
- Alle winkelstabilen Platten und Schrauben sind zur Kennung grün eingefärbt
- Sämtliche Platten können mit winkelstabilen wie auch nicht-winkelstabilen Schrauben kombiniert werden
- Keine Verschlusschrauben erforderlich
- Bohrhülsen für alle Plattengrößen enthalten
- Alle Schrauben mit konkav geformtem Kopf zur besseren Aufnahme mit der Schraubendreherklinge
- Alle Schrauben sind aus einer hochfesten Titanlegierung gefertigt

DE The KLS Martin ThreadLock TS System is the latest in innovative design for mandibular trauma and reconstruction. The system offers a comprehensive locking plate selection from Mini plates through Reconstruction plates.

The Taper Screw (TS) design uses the same thread and pitch throughout the entire screw. This taper design allows the screw to engage the bone prior to locking into the plate with the final turns.

- Screws can lock in plates with up to 20° of angulation in each direction
- All locking plates and screws are colored green
- All plates can accept locking as well as non-locking screws
- No bending spacers required
- System includes drill guide for all plate sizes
- All screws have a concave head for easy pick-up with the screwdriver blade
- All screws are manufactured from high strength titanium alloy

ES El sistema ThreadLock TS de KLS Martin representa el diseño más innovador en el sector mandibular. Está especialmente concebido para fracturas y reconstrucciones mandibulares, y ofrece una gran variedad de placas de ángulo fijo, desde las "Mini" hasta las de "Reconstrucción".

Es típico que la cabeza de los tornillos de este sistema termine en forma cónica (de ahí su nombre en inglés "taper screw"/TS) también lo es su rosca simple continua con paso de rosca uniforme por toda la longitud del tornillo. Gracias a esto, el tornillo puede penetrar primero en el hueso antes de anclarse con el último giro y con ángulo fijo en la placa.

- Bloqueo de ángulo fijo de los tornillos en la placa con una desviación opcional de hasta 20° en cada dirección
- Todas las placas y tornillos de ángulo fijo están teñidos de verde para su identificación
- Todas las placas se pueden combinar con tornillos de ángulo fijo o que no lo sean.
- No se requieren cierres de agujero para doblar
- Se incluyen guías de broca para todos los tamaños de placa
- Todos los tornillos tienen cabeza cóncava para mejorar la recepción con la hoja de destornillador
- Todos los tornillos están fabricados en una aleación de titanio de alta resistencia



Mini-Platten – Plattenprofil 1.0 mm
Mini plates – 1.0 mm plate profile
Placas mini – grosor de placa 1.0 mm
Plaques mini – profil de plaque 1.0 mm
Placche mini – spessore placca 1.0 mm



Fraktur-Platten – Plattenprofil 1.5 mm
Fracture plates – 1.5 mm plate profile
Placas fracturas – grosor de placa 1.5 mm
Plaques fracture – profil de plaque 1.5 mm
Placche frattura – spessore placca da 1.5 mm



Primärrekonstruktionsplatten – Plattenprofil 2.0 mm
Primary reconstruction plates – 2.0 mm plate profile
Placas de reconstrucción primaria – grosor de placa 2.0 mm
Plaques de reconstruction primaire – profil de plaque 2.0 mm
Placche per ricostruzione primaria – spessore placca da 2.0 mm



Primärrekonstruktionsplatten – Plattenprofil 2.5 mm
Primary reconstruction plates – 2.5 mm plate profile
Placas de reconstrucción primaria – grosor de placa 2.5 mm
Plaques de reconstruction primaire – profil de plaque 2.5 mm
Placche per ricostruzione primaria – spessore placca da 2.5 mm



Rekonstruktionsplatten – Plattenprofil 3.0 mm
Reconstruction plates – 3.0 mm plate profile
Placas de reconstrucción – grosor de placa 3.0 mm
Plaques de reconstruction – profil de plaque 3.0 mm
Placche per ricostruzione – spessore placca 3.0 mm

F Le système ThreadLock TS de KLS Martin est synonyme de design le plus innovatif dans le domaine mandibulaire. Il est spécialement conçu pour des fractures et reconstructions mandibulaires et offre un grand choix de plaques à angle fixe de «Mini» à «Reconstruction».

La forme conique de leur tête est typique pour les vis de ce système (d'où « taper screw » / TS), de même que le filetage simple continu au pas homogène sur toute la longueur de la vis. Ceci permet à la vis de pénétrer d'abord dans l'os avant de s'ancrer avec un angle fixe dans la plaque lors de sa dernière rotation.

- Ancrage à angle fixe des vis dans la plaque avec un mouvement optionnel par rapport à l'articulation pouvant atteindre 20° dans chaque direction
- Toutes les plaques et vis à angle fixe sont colorées en vert pour qu'on puisse les identifier
- Toutes les plaques peuvent être combinées avec des vis à angle fixe de même qu'avec des vis qui ne sont pas à angle fixe
- Pas de vis de recouvrement nécessaires pour courber
- Guide-mèches pour toutes les tailles de plaques
- Toutes les vis ont une tête de forme concave pour une meilleure préhension avec la lame de tournevis
- Tous les vis sont fabriquées dans un alliage de titane très résistant

I Il sistema ThreadLock TS KLS Martin rappresenta il design più innovativo nel settore mandibolare. È progettato in particolare per le fratture e per la ricostruzione della mascella e offre una grande scelta di placche ad angolo fisso, dalle placche "Mini" a quelle da "ricostruzione".

È tipica per le viti di questo sistema la forma conica della testa (da cui deriva il nome "taper screw" /TS), oltre alla filettatura comune con passo uniforme su tutta la lunghezza della vite. Questo permette alla vite di penetrare nell'osso all'inizio prima di ancorarsi ad angolo fisso nella placca con le ultime rotazioni.

- Ancoraggio ad angolo fisso delle viti nella placca con una deviazione opzionale fino a 20° in qualsiasi direzione
- Tutte le placche e le viti ad angolo fisso sono di colore verde per essere riconosciute
- Tutte le placche possono essere combinate sia con viti ad angolo fisso che con viti non ad angolo fisso
- Non sono necessari viti distanziali
- Il sistema include una maschera per foratura per placche di tutte le dimensioni
- Tutte le viti sono a testa concava, per una presa migliore da parte della lama del cacciavite
- Tutte le viti sono prodotte in lega di titanio molto resistente

Schrauben 2.0 / 2.3 mm

Screws 2.0 / 2.3 mm
Tornillos 2.0 / 2.3 mm
Vis 2.0 / 2.3 mm
Viti 2.0 / 2.3 mm

Ti

Titan-Legierung
Titanium alloy
Aleación de titanio
Alliage de titane
Lega di titanio

1

Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE | R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

2.20. Rakinami "locking" sraigta

maxDrive®



2.21. Rakinami "locking" sraigta

Winkelstabile Schrauben 2.0 / 2.3 mm
Locking screws 2.0 / 2.3 mm
Tornillos de ángulo fijo de 2.0 / 2.3 mm
Vis à angle fixe de 2.0 / 2.3 mm
Viti ad angolo fisso 2.0 / 2.3 mm

selbsthaltend
self-retaining
autobloqueantes
autobloquantes
autoritente

2.21.

		Ø 2.0 mm 5		STERILE R 5		STERILE R 1		Ø 2.3 mm 5		STERILE R 5		STERILE R 1	
2.20.	5 mm	25-882-05-09	25-882-05-75	25-882-05-71	25-883-05-09	25-883-05-75	25-883-05-71						
	7 mm	25-882-07-09	25-882-07-75	25-882-07-71	25-883-07-09	25-883-07-75	25-883-07-71						
	9 mm	25-882-09-09	25-882-09-75	25-882-09-71	25-883-09-09	25-883-09-75	25-883-09-71						
	11 mm	25-882-11-09	25-882-11-75	25-882-11-71	25-883-11-09	25-883-11-75	25-883-11-71						
	13 mm	25-882-13-09	25-882-13-75	25-882-13-71	25-883-13-09	25-883-13-75	25-883-13-71						
	15 mm	25-882-15-09	25-882-15-75	25-882-15-71	25-883-15-09	25-883-15-75	25-883-15-71						
	17 mm	25-882-17-09	25-882-17-75	25-882-17-71	25-883-17-09	25-883-17-75	25-883-17-71						
	19 mm	25-882-19-09	25-882-19-75	25-882-19-71	25-883-19-09	25-883-19-75	25-883-19-71						

Verschlusschrauben für ThreadLock TS
Spacers for ThreadLock TS
Cierres de agujero para ThreadLock TS
Vis de recouvrement pour ThreadLock TS
Viti distanziali per sistema ThreadLock TS

2.22. Užrakinamų "TS ThreadLock maxDrive" skėtikis

	2.22.	Ø 2.0 mm 5		STERILE R 5		Ø 2.3 mm 5		STERILE R 5	
		25-882-90-09	25-882-90-75			25-882-90-09	25-882-90-75		

Standard-Schrauben 2.0 / 2.3 mm
Non-locking screws 2.0 / 2.3 mm
Tornillos estándar 2.0 / 2.3 mm
Vis standards 2.0 / 2.3 mm
Viti standard 2.0 / 2.3 mm

2.23. Nerakinami sraigta 2.3 mm

		Ø 2.0 mm 5		STERILE R 5		STERILE R 1		Ø 2.3 mm 5		STERILE R 5		STERILE R 1	
2.23.	5 mm	25-872-05-09	25-872-05-75	25-872-05-71	25-873-05-09	25-873-05-75	25-873-05-71						
	7 mm	25-872-07-09	25-872-07-75	25-872-07-71	25-873-07-09	25-873-07-75	25-873-07-71						
	9 mm	25-872-09-09	25-872-09-75	25-872-09-71	25-873-09-09	25-873-09-75	25-873-09-71						
	11 mm	25-872-11-09	25-872-11-75	25-872-11-71	25-873-11-09	25-873-11-75	25-873-11-71						
	13 mm	25-872-13-09	25-872-13-75	25-872-13-71	25-873-13-09	25-873-13-75	25-873-13-71						
	15 mm	25-872-15-09	25-872-15-75	25-872-15-71	25-873-15-09	25-873-15-75	25-873-15-71						
	17 mm	25-872-17-09	25-872-17-75	25-872-17-71	25-873-17-09	25-873-17-75	25-873-17-71						
	19 mm	25-872-19-09		25-872-19-71	25-873-19-09		25-873-19-71						

Schraubendreher und Vorbohrer

Screwdrivers and Twist Drills
Destornilladores y brocas
Tournevis et mèches de préforage
Cacciaviti e frese

Osteosynthese 2.0 – 2.7

Osteosynthese 2.0 – 2.7
Osteosíntesis 2.0 – 2.7
Ostéosynthese 2.0 – 2.7
Osteosintesi 2.0 – 2.7

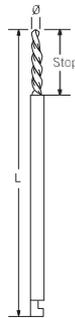


Schraubendreher, starr, nicht demontierbar
Screwdriver, rigid, not removable
Destornillador, rígido, no desmontable
Tournevis, rigide, non amovible
Cacciavite, fisso, non removibile

Vorbohrer 2.0 / 2.3 mm
Twist drills 2.0 / 2.3 mm Gražtai
Brocas 2.0 / 2.3 mm
Mèches de préforage de 2.0/2.3 mm
Frese 2.0 / 2.3 mm



Pagaminti iš nerūdijančio plieno



2.25.

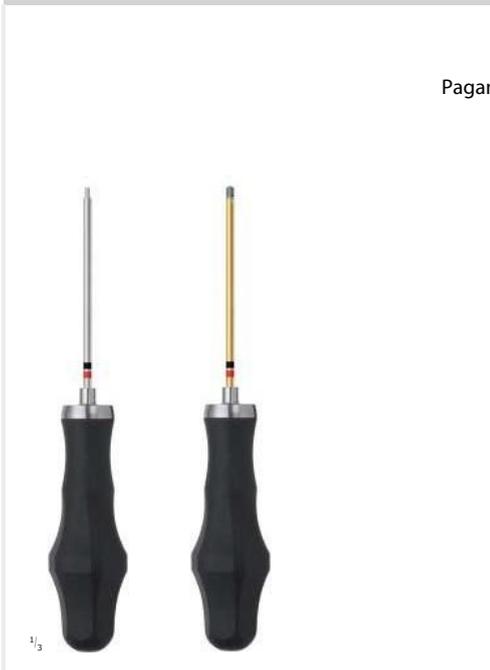
2.26.

J-Kupplung / J-Notch / Conexión-J /
Conexion-J / Conessione-J

Ø x L (mm)	Stop (mm)	STIEKLE K	
1.5 x 50	5	25-449-05-91	1
1.5 x 50	5	25-449-05-71	1
1.5 x 50	7	25-449-07-91	1
1.5 x 50	7	25-449-07-71	1
1.5 x 50	9	25-449-09-91	1
1.5 x 50	9	25-449-09-71	1
1.5 x 50	11	25-449-11-91	1
1.5 x 50	20	25-449-16-91	1
1.5 x 50	20	25-449-16-71	1
1.5 x 70	–	25-461-16-91	1
1.5 x 115	–	25-469-11-07	1
1.5 x 115	–	25-469-11-71	1
1.9 x 70	7	25-460-07-07	1
1.9 x 70	–	25-460-19-71	1
1.9 x 105	–	25-462-19-07	1
1.9 x 105	–	25-462-19-71	1
1.9 x 105	7	50-519-07-07	1
1.9 x 105	7	50-519-07-71	1
1.9 x 115	–	50-519-15-07	1
1.9 x 115	–	50-519-15-71	1
1.9 x 115	7	50-519-17-07	1
1.9 x 115	7	50-519-17-71	1

2.25.

2.26.



25-542-17-07 2.0 / 2.3mm
25-540-13-07 2.0 / 2.3mm
25-486-17-07 2.0 / 2.3mm

Primärrekonstruktionsplatten – Plattenprofil 2.0/2.5 mm

Primary Reconstruction Plates – 2.0/2.5 mm Plate Profile

Placas de reconstrucción primaria – Grosor de placa 2.0/2.5 mm

Plaques de reconstruction primaire – Profil de plaque 2.0/2.5 mm

Placche per ricostruzione primaria – Spessore placca da 2.0/2.5 mm



Platten-Profil
Plate profile
Perfil de la placa
Profil de la plaque
Profilo placca



Reintitan
Pure titanium
Titanio puro
Titane pur
Titanio puro



Aluminium
Aluminum
Aluminio
Aluminium
Alluminio



Verkaufsmenge pro Verpackungseinheit
Quantity / units per package
Número de unidades por embalaje
Nombre d'unités par emballage
Quantità di vendita per unità d'imballo

STERILE R

Steril verpackte Implantate
Sterile packed implants
Implantes embalados de forma estéril
Implants emballés de manière stérile
Impianti imballati sterilmente

Biegeschablone
Template
Plantilla
Gabarit
Modello



1/1

50-760-12-09 **Ti** 1
= 2.5 mm

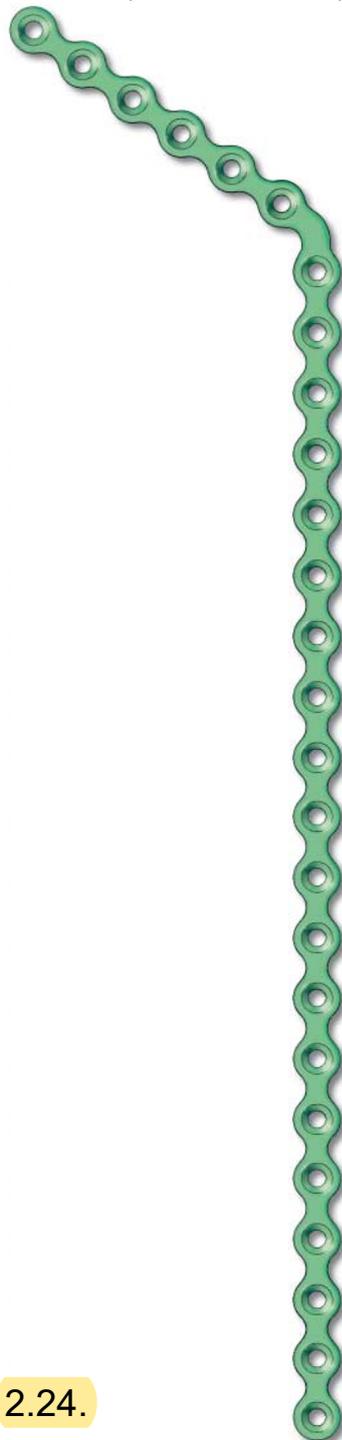


2.24.

50-774-20-09 **Ti** 1
50-774-20-71 **Ti** 1
= 2.0 mm
Storis 2.0 mm

50-760-20-09 **Ti** 1
= 2.5 mm

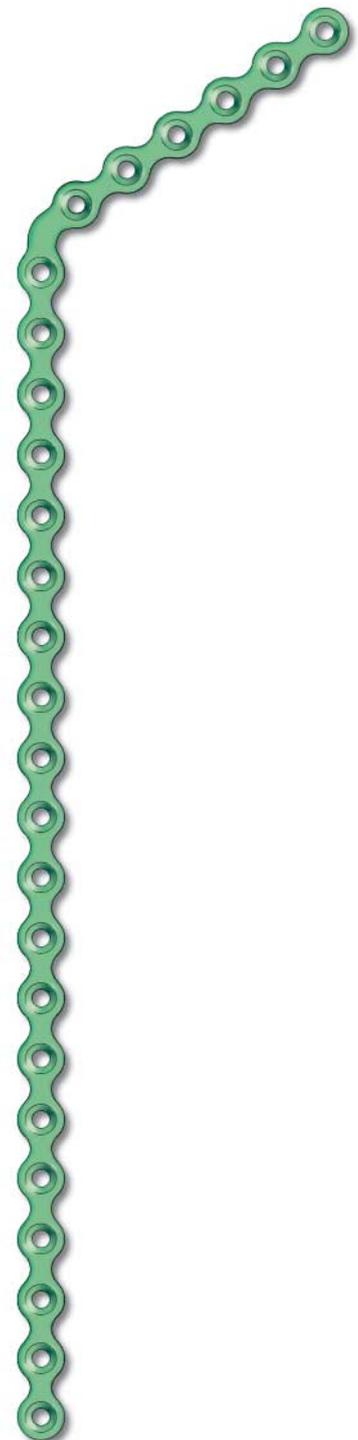
50-774-70-04 **Al** 1



50-777-26-09 **Ti** 1
50-777-26-71 **Ti** 1
= 2.0 mm

50-761-26-09 **Ti** 1
= 2.5 mm
links/left/izquierda/
gauche/a sinistra

50-785-77-04 **Al** 1



50-775-26-09 **Ti** 1
50-775-26-71 **Ti** 1
= 2.0 mm

50-760-26-09 **Ti** 1
= 2.5 mm
rechts/right/derecha/
droite/a destra

50-785-77-04 **Al** 1

3 pirkimo dalis: Besirezorbuojančios plokštelės, pagamintos iš 100% Poli-D irL-pieno rūgšties (PDLLA)

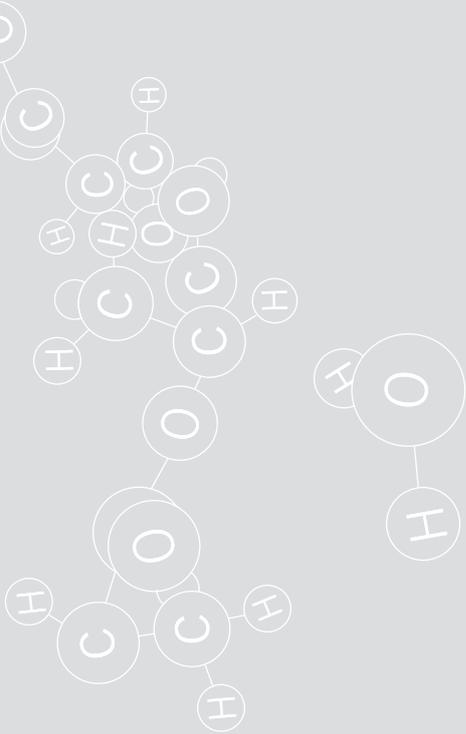
Osteosynthesis

4 pirkimo dalis: Besirezorbuojantys sraigčiai (kniedės), pagaminti iš 100 % Poli-D irL-pieno rūgšties (PDLLA)



SonicWeld Rx[®]

The Perfect Choice





Conventional osteosynthesis techniques used in craniomaxillofacial surgery still represent a compromise, hampered by inherent limitations that often make them time-consuming and costly. With SonicWeld Rx[®], the KLS Martin Group has developed the perfect solution: a revolutionary system for craniomaxillofacial resorbable fixation that is stable, fast and effortless.

SonicWeld Rx® Principle

SonicWeld Rx® is an innovative concept in osteosynthesis that is not only different than current concepts, it is superior in almost every aspect.



Osteosynthesis with SonicWeld Rx® is a very simple procedure. Switch on the ultrasonic unit of the SonicWeld Rx® system, allowing it to self-test and automatically set to Level 2 (1). Dip the plate into the Xcelsior hot waterbath for a few seconds, then adapt it to the bone (2). It will harden in seconds. Repeat the process for any portion of the plate until you are satisfied with the contour. Next, predrill the pilot hole using the SonicWeld Rx® twist drill (3).

Osteosintezè su SonicWeld Rx sistema

Benefits

- Twice the strength of resorbable screw technology.^{1,13}
- Half the time to apply to the bone.¹³
- Sterile delivery.
- Does not rely on thick cortical bone alone.^{3,5}
- No tapping or torque to apply: therefore, no damage, stripping, or failure during insertion.

Greater strength

- The ability to mold three-dimensional shapes over the bone contour enables resorbable materials to find strength in form. SonicWeld Rx® enjoys this advantage not only on the bone, but within it.
- When comparing plates fixed with resorbable screws and SonicPins Rx®, the system tensile strength difference is significant. The weld between the plate and the pin head, as well as the penetration of polymer into the bone, results in a far stronger fixation method.^{1,13}

A Perfect Choice

Two resorbable polymers for osteosynthesis, PDLLA and PLLA:PGA, have been well-established in craniomaxillofacial surgery. Plates and mesh comprised of different polymers give the surgeon options to match their preference.



Resorb x®

Resorb x® polymer consists of Poly-D,L-Lactic Acid (PDLLA). This polymer is open to hydrolysis due to the totally amorphous structure. It loses strength gradually before metabolism. Resorption time observed in ultrasound follow-up: 12-30 months.^{4, 7, 8}

Resorb x polimeras (sraigtai ir plokštelēs) susideda iš 100% Poli-D ir L-pieno rūgšties(PDLLA)

Resorb xG

Resorb xG consists of 85% Poly-L-Lactic Acid (PLLA) and 15% Poly Glycolic Acid (PGA), creating a polymer that has a balance of characteristics. The PGA component with PLLA results in higher initial strength, but faster decrease of both strength and mass by way of hydrolysis and metabolism.

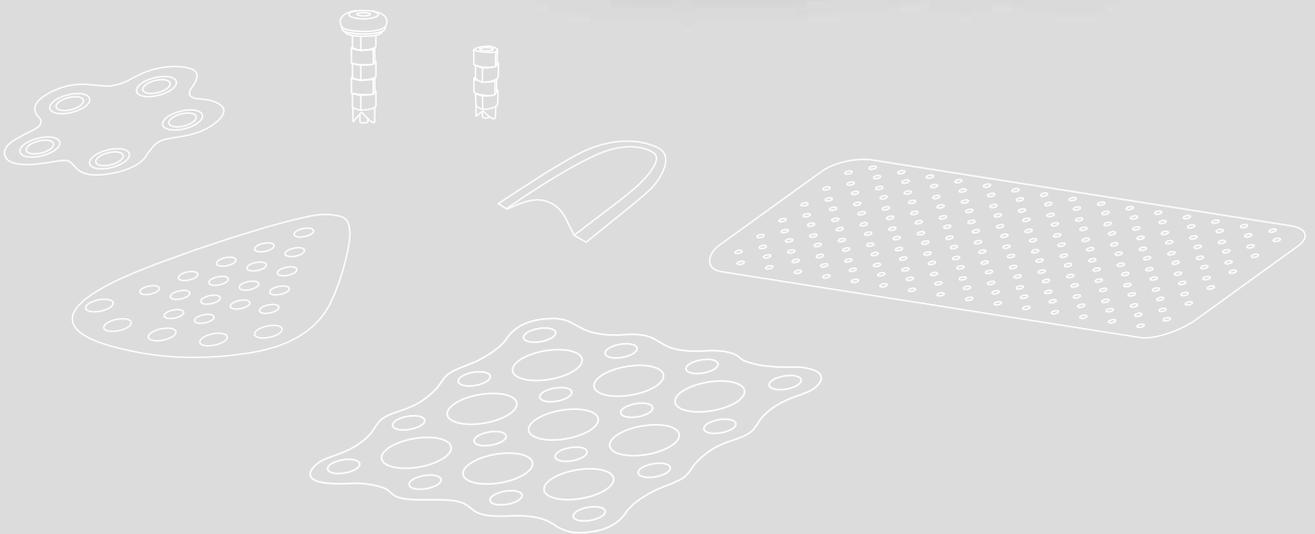
Indications

The KLS Martin Resorb x® and Resorb xG implants are intended for surgical procedures in which an internal fixation by resorbable implants is required for aligning, reconstructing and stabilizing bone tissue.



- Osteosynthesis in non-load-bearing areas of the craniomaxillofacial skeleton
- Craniofacial corrective osteotomies (e. g. syndrome patients, fronto-orbital advancement)
- Pediatric neurosurgery
- Preprosthetic augmentation

See the instructions for use for further information including contraindications, etc.



System Selection

Ultragarsinis prietaisas SonicWeld Rx®



SonicWeld Rx® with finger switch

SonicWeld Rx® basic set	52-500-00-04
consisting of:	
Ultrasonic unit SonicWeld Rx®	–
Foot switch, round	52-500-02-04
Handpiece	52-500-03-04
Sonotrode, straight	52-501-01-04
Open-ended wrench for sonotrode	52-502-01-04

Sonotrodes	
Sonotrode, straight*	52-501-01-04
Sonotrode, angled	52-501-02-04
Smoothing sonotrode, straight	52-501-03-04
Smoothing sonotrode, angled	52-501-04-04

Foot switch	
Foot switch, round*	52-500-02-04
Foot switch, square	52-500-04-04

optional:	
Finger switch complete	52-504-00-04
consisting of:	
Finger switch	52-504-01-04
Finger switch holding clip	52-504-02-04
Finger switch cable adapter	52-504-03-04
Cable clips (5 pcs.)	52-504-04-04
Adapter cable for finger switch, 6 m	52-504-06-04

*All items are included in the SonicWeld Rx® basic set.



52-400-10-04
Xcelsior water bath complete



52-400-14-04

Xcelsior water bath

Water bath, complete	52-400-10-04
consisting of:	
Thermal unit alone	—
Water container with frame	52-400-14-04
Cover hood alone	52-400-13-04



50-800-03-07

BOS Drill

BOS Drill w/o battery pack	50-800-03-07
Battery pack, sterile (10 units)	50-800-02-04



52-201-01-07



52-201-02-07

Instruments

Plate-holding instrument	52-201-01-07
Plate-holding forceps, curved	52-201-02-07

GRAŽTAI, SKIRTI BESIREZORBUJANTIEMS SRAIGTAIMS



Stainless steel



Resorb x®



Quantity / units per package



Dental attachment



J-Notch attachment

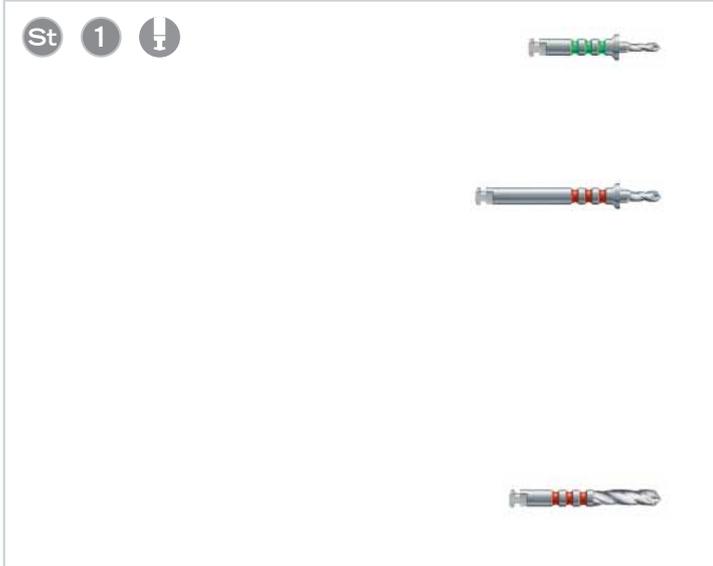


BOS Drill

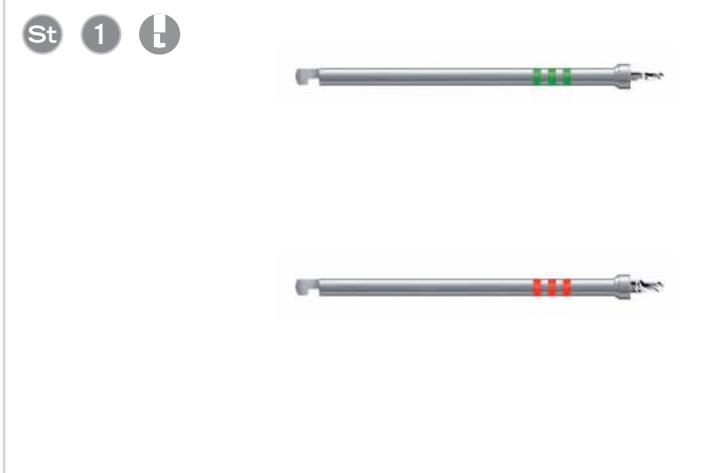
STERILE | R

Sterile packed implants

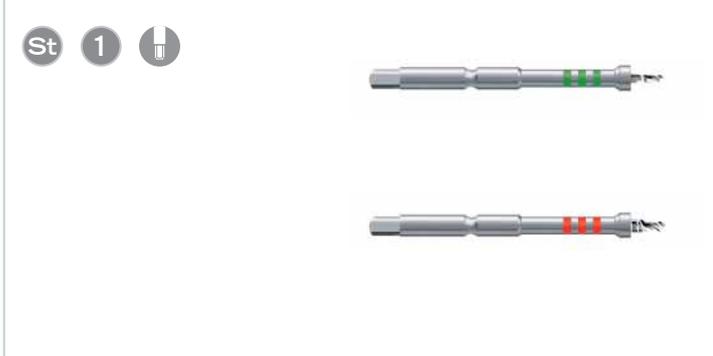
Twist Drill for SonicPins Rx®



for the angle unit with dental attachment			
for 1.6-mm SonicPins Rx® ●	Stop	Item No.	STERILE R
1.0 x 20 mm	5 mm	52-509-05-07	52-509-05-71
1.0 x 29.5 mm, long	5 mm	52-512-05-07	
1.0 x 20 mm	6 mm	52-509-06-07	52-509-06-71
1.0 x 30.5 mm, long	6 mm	52-512-06-07	
for 2.1-mm SonicPins Rx® ●	Stop	Item No.	
1.6 x 28.5 mm, long	4 mm	52-518-04-07	
1.6 x 20 mm	5 mm	52-515-05-07	52-515-05-71
1.6 x 29.5 mm, long	5 mm	52-518-05-07	
1.6 x 20 mm	6 mm	52-515-06-07	52-515-06-71
1.6 x 30.5 mm, long	6 mm	52-518-06-07	
1.6 x 24.5 mm	10 mm	52-515-10-07	
1.6 x 34.5 mm, long	10 mm	52-518-10-07	
1.6 x 34.5 mm	20 mm	52-515-20-07	
1.6 x 44.5 mm, long	20 mm	52-518-20-07	
Gliding hole drill ●	Stop	Item No.	
2.1 x 22 mm	10 mm	52-522-10-07	
2.1 x 32 mm, long	10 mm	52-525-10-07	



J-notch attachment			
for 1.6-mm SonicPins Rx® ●	Stop	Item No.	STERILE R
1.0 x 50 mm 3.35.	3 mm	52-510-03-07	
1.0 x 50 mm 3.36.	4 mm	52-510-04-07	52-510-04-71
1.0 x 50 mm 3.37.	5 mm	52-510-05-07	52-510-05-71
1.0 x 50 mm	6 mm	52-510-06-07	
1.0 x 50 mm	7 mm	52-510-07-07	52-510-07-71
1.0 x 50 mm 3.38.	8 mm	52-510-08-07	
for 2.1-mm SonicPins Rx® ●	Stop	Item No.	
1.6 x 50 mm 3.39.	3 mm	52-516-03-07	
1.6 x 50 mm 3.40.	4 mm	52-516-04-07	52-516-04-71
1.6 x 50 mm 3.41.	5 mm	52-516-05-07	52-516-05-71
1.6 x 50 mm	6 mm	52-516-06-07	
1.6 x 50 mm	8 mm	52-516-08-07	
1.6 x 50 mm 3.42.	10 mm	52-516-10-07	



for BOS Drill			
for 1.6-mm SonicPins Rx® ●	Stop	Item No.	STERILE R
1.0 x 40 mm	3 mm	52-610-03-07	
1.0 x 40 mm	4 mm	52-610-04-07	52-610-04-71
1.0 x 40 mm	5 mm	52-610-05-07	
1.0 x 40 mm	8 mm	52-610-08-07	
for 2.1-mm SonicPins Rx® ●	Stop	Item No.	
1.6 x 40 mm	3 mm	52-616-03-07	
1.6 x 40 mm	4 mm	52-616-04-07	52-616-04-71
1.6 x 40 mm	5 mm	52-616-05-07	
1.6 x 40 mm	10 mm	52-616-10-07	

Segmented Step Drill for 2.1-mm SonicPins Rx®



J-notch attachment w/o adjusting sleeve ↓	Item- No
1.6 x 100 mm	52-516-51-07
BOS attachment w/o adjusting sleeve ↓	
1.6 x 75 mm	52-516-52-07
Adjusting sleeve	52-516-60-07

Besirezorbuojantys sraigčiai

1.6 mm SonicPins Rx®

Pin length	Item No.	Item No.	Item No.
4 mm 4.1.	52-516-24-04 ②	52-516-54-04 ⑤	52-616-24-04 ②①
5 mm 4.2.	52-516-25-04 ②	52-516-55-04 ⑤	52-616-25-04 ②① 4.3.
6 mm 4.4.	52-516-26-04 ②	52-516-56-04 ⑤	
7 mm 4.5.	52-516-27-04 ②	52-516-57-04 ⑤	



1.6 mm Micro SonicPins Rx®

Pin length	Item No.	Item No.
5 mm	52-519-25-04 ②	52-519-45-04 ④



2.1 mm SonicPins Rx®

Pin length	Item No.	Item No.	Item No.
4 mm 4.6.	52-521-24-04 ②	52-521-54-04 ⑤	52-621-24-04 ②①
5 mm 4.7.	52-521-25-04 ②	52-521-55-04 ⑤	52-621-25-04 ②① 4.8.
7 mm 4.9.	52-521-27-04 ②	52-521-57-04 ⑤	
9 mm	52-521-29-04 ②	52-521-59-04 ⑤	4.10.
11 mm	52-521-31-04 ②		
13 mm	52-521-33-04 ②		
15 mm	52-521-35-04 ②		
17 mm	52-521-37-04 ②		

2.1 mm Endobrow SonicPins Rx®

Pin length	Item No.
4 mm	52-641-14-04 ①
5 mm	52-641-15-04 ①



Plate profile



Quantity /
units per package



Resorb x*



Resorb xG



Aluminium

STERILE R

Sterile packed implants

4 skylių ir tiesi plokštelė



1/1

3.1. **52-080-04-04** **1**
= 0.8 mm

3.2. **52-075-04-04** **1**
= 1.0 mm

Šablonas iš aliuminio

3.3. **52-175-04-04** **1**
Template

4 skylių, tiesi ir su tarpu plokštelė



52-082-04-04 **1** 3.4.
= 0.8 mm

52-077-04-04 **1** 3.5.
52-877-04-04 **1** **NEW!**
= 1.0 mm

Šablonas iš aliuminio

52-177-04-04 **1**
Template 3.6.



52-076-04-04 **1**
Magdeburg
= 1.0 mm

52-176-04-04 **1**
Template

6 skylių lenkta į kairę plokštelė

8 skylių tiesi plokštelė



1/1

3.7. **52-075-08-04** **1**
= 1.0 mm

3.8. **52-175-08-04** **1**
Template

Šablonas iš aliuminio



3.12.

52-095-06-04 **1**
= 1.0 mm

52-196-06-04 **1** 3.14.
Template

Šablonas iš aliuminio

6 skylių lenkta į dešinę plokštelė



3.13.

52-096-06-04 **1**
= 1.0 mm

52-196-06-04 **1** 3.14.
Template

22 skylių tiesi plokštelė



1/1

3.11. **52-076-22-04** **1**
52-876-22-04 **1** **NEW!**
= 1.0 mm

1/4



52-095-07-04
 = 1.0 mm

52-196-07-04
 Template



52-096-07-04
 = 1.0 mm

52-196-07-04
 Template

5 skylių Y formos plokštelė



3.15.

52-085-05-04
 = 1.0 mm

52-185-05-04
 Template 3.16.

Šablonas iš aliuminio

8 skylių puslankio formos plokštelė

1/4



3.9. 52-076-08-04
 = 1.0 mm

3.10 52-176-08-04
 Template

Šablonas iš aliuminio

6 skylių X formos plokštelė



3.17.

52-090-06-04
 52-890-06-04
 = 1.0 mm

52-190-06-04
 Template 3.18.

Šablonas iš aliuminio

6 skylių T formos plokštelė



3.19.

52-088-06-04
 = 1.0 mm

52-188-06-04
 Template 3.20.

Šablonas iš aliuminio



Plate profile



Quantity /
units per package



Resorb x*



Resorb xG



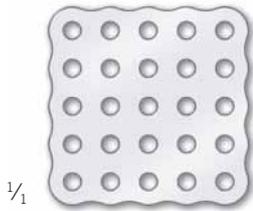
Titanium

STERILE | R

Sterile packed implants

Tinklo formos plokštelė

Tinklo formos plokštelė



52-303-25-04 1

26 x 26 mm
● = 0.3 mm

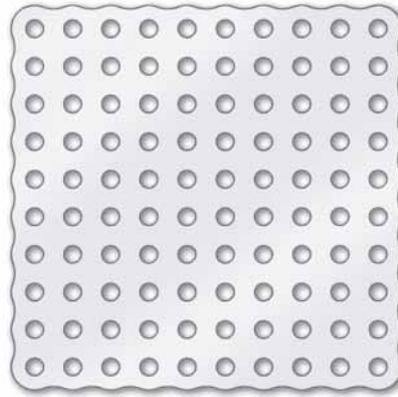
52-306-25-04 1

26 x 26 mm
● = 0.6 mm **3.27.**

Storis 0.6 mm

52-310-25-04 1

26 x 26 mm
● = 1.0 mm



52-303-50-04 1

51 x 51 mm
● = 0.3 mm

52-306-50-04 1

52-806-50-04 1 **NEW!**
51 x 51 mm
● = 0.6 mm

52-308-50-04 1

51 x 51 mm
● = 0.8 mm **3.28.**

Storis

52-310-50-04 1

52-810-50-04 1 **NEW!**

51 x 51 mm
● = 1.0 mm **3.29.**

Storis

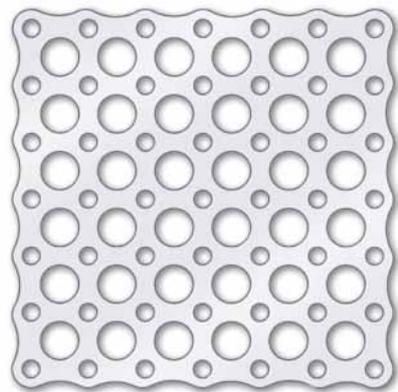


52-303-26-04 1

flexible, 29 x 29 mm
● = 0.3 mm

52-306-26-04 1

flexible, 29 x 29 mm
● = 0.6 mm



52-303-51-04 1

flexible, 51 x 51 mm
● = 0.3 mm

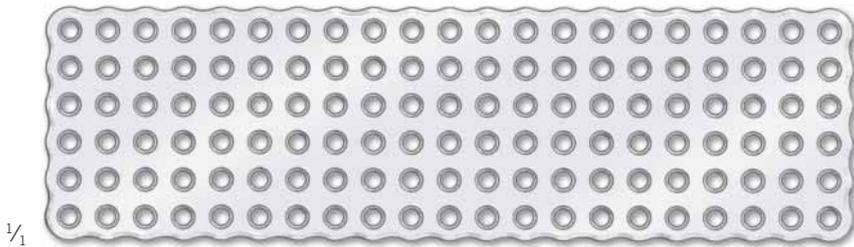
52-306-51-04 1

flexible, 51 x 51 mm
● = 0.6 mm

52-310-53-04 1

flexible, 51 x 51 mm
● = 1.0 mm

Tinklo formos plokštelė



52-310-31-04 1
 31 x 106 mm
 = 1.0 mm **3.30.**
Storis 1.0 mm



52-310-32-04 1
 31 x 51 mm
 = 1.0 mm



52-306-27-04 1
 29 x 104 mm
 = 0.6 mm

52-310-27-04 1
 29 x 104 mm
 = 1.0 mm



52-310-14-04 1
 52-810-14-04 1 **NEW!**
 11 x 126 mm
 = 1.0 mm



Juostos formos
2 skylių eilių plokštelė

52-308-11-04 1 **3.21.**
 11 x 126 mm
 = 0.8 **Storis 0.8 mm**

52-310-11-04 1
 52-810-11-04 1 **NEW!**
 11 x 126 mm
 = 1.0 mm **3.22.**
Storis 1.0 mm



Plate profile



Quantity /
units per package



Resorb x®



Resorb xG

STERILE IR

Sterile packed implants

Lakštas akiduobēs dugno rekonstrukcijai



1/1

52-306-17-04 × 1

17 x 17 mm

Foil for orbital floor 3.31

⊕ = 0.1 mm

Storis 0.1 mm



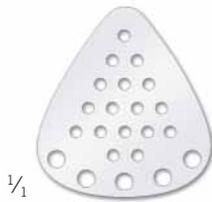
52-306-19-04 × 1

23 x 19 mm

Mesh for orbital floor

⊕ = 0.3 mm

Tinklo formas plokštelē, akiduobēs dugno rekonstrukcijai



1/1

52-306-23-04 × 1

∅ 23 mm

Mesh for orbital floor 3.33.

⊕ = 0.6 mm

Storis 0.6 mm



Tinklo formas plokštelē, akiduobēs dugno rekonstrukcijai

52-306-30-04 × 1

∅ 30 mm

Mesh for orbital floor 3.34.

⊕ = 0.6 mm

Storis 0.6 mm



1/1

52-306-40-04 × 1

40 x 40 mm

Mesh for orbital floor

⊕ = 0.6 mm



52-306-24-04 × 1

∅ 30 mm

Mesh for orbital floor

⊕ = 0.6 mm



Resorb xG



Resorb xG



Plate profile



Quantity / units per package

STERILE R

Sterile packed implants



52-849-00-04

11 x 246 mm

= 1.0 mm



52-851-00-04

16 x 251 mm

= 0.8 mm

52-251-00-04

16 x 251 mm

= 1.0 mm

3.25.

Storis 1.0 mm

52-251-01-04

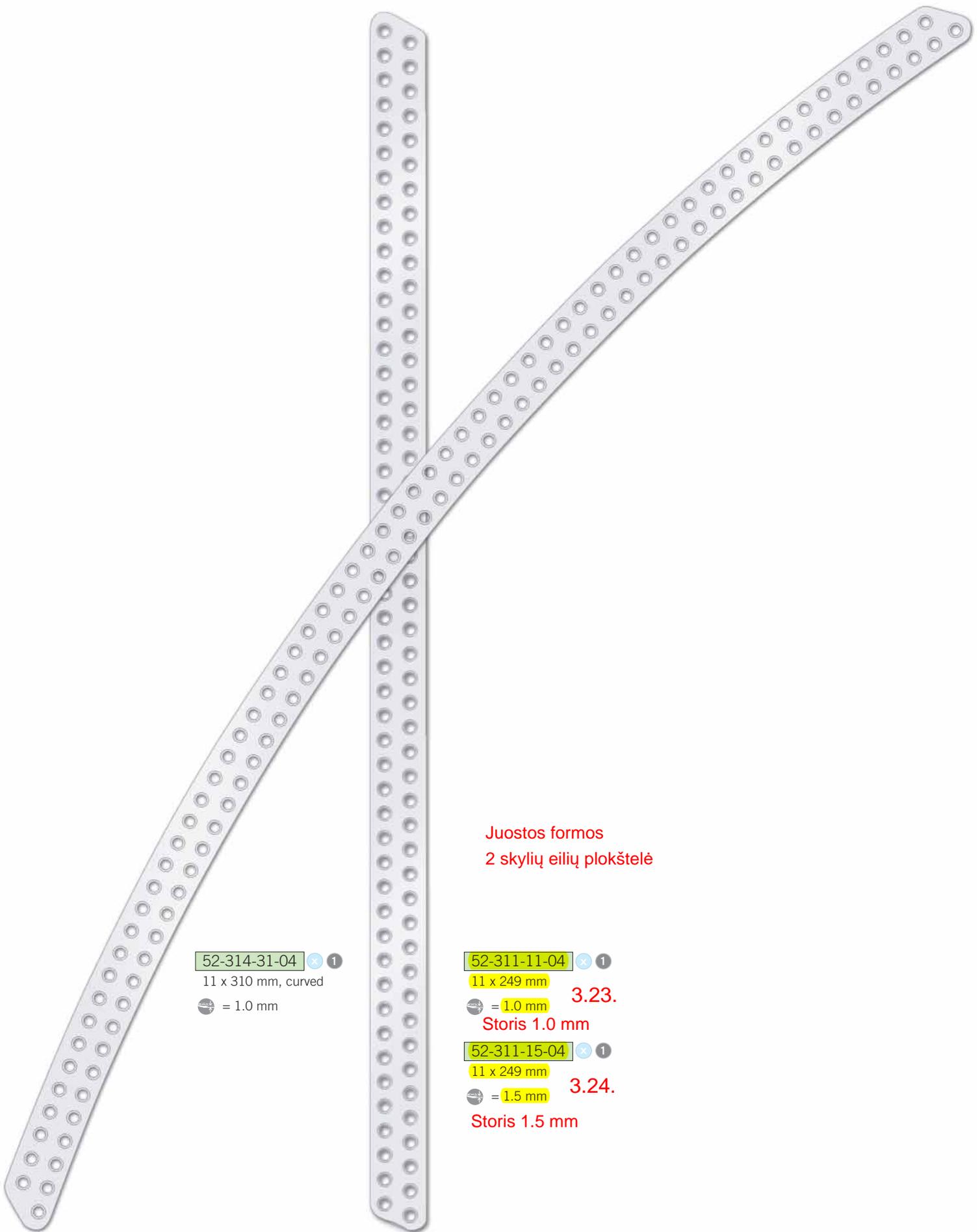
16 x 251 mm

= 1.5 mm

3.26.

Storis 1.5 mm

Juostos formos,
3 skylių eilių
plokštelė



52-314-31-04  1
11 x 310 mm, curved
 = 1.0 mm

52-311-11-04  1
11 x 249 mm
 = 1.0 mm **3.23.**
Storis 1.0 mm

52-311-15-04  1
11 x 249 mm
 = 1.5 mm **3.24.**
Storis 1.5 mm

Juostos formos
2 skylių eilių plokštelė



Plate profile



Quantity /
units per package



Resorb x°



Titanium

STERILE IR

Sterile packed implants



1/1

52-301-28-04

25 x 25 mm

= 0.1 mm



52-301-38-04

25 x 25 mm

= 0.1 mm

Lakštas



1/1

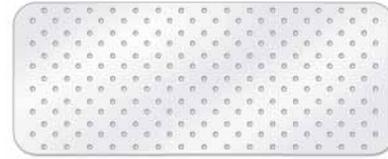
52-301-20-04

50 x 20 mm

= 0.1 mm

3.32.

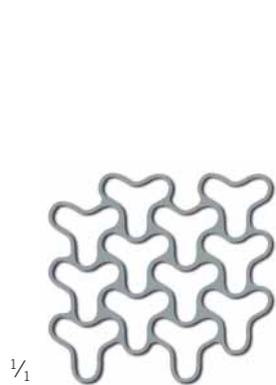
Storis 0.1 mm



52-302-30-04

50 x 20 mm

= 0.2 mm

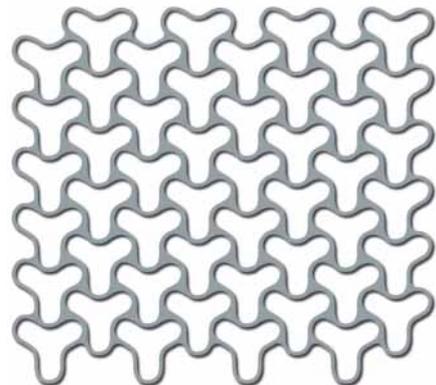


1/1

52-313-25-04

25 x 25 mm

Template



52-313-50-04

50 x 50 mm

Template