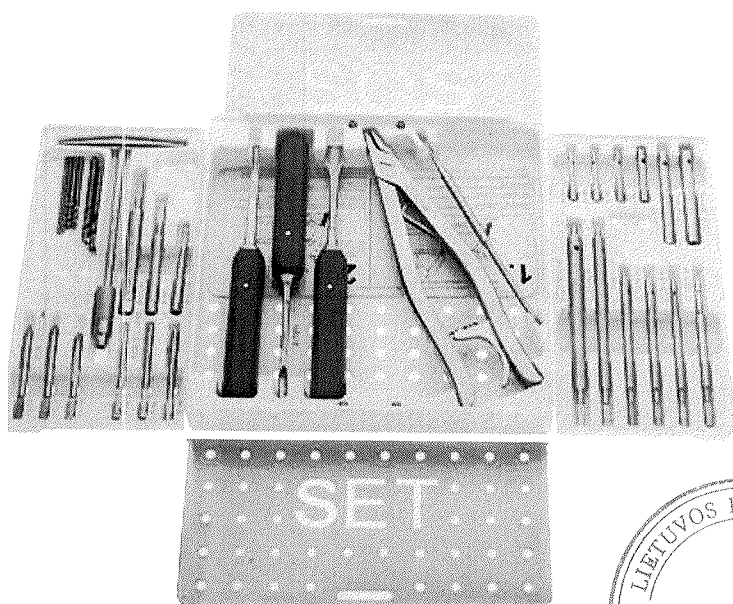


EMERGENCY INSTRUMENTS TO REMOVE DAMAGED AND BROKEN BONE SCREWS (UP FROM DIAMETER 1.5 MM TO 7.0 MM SCREWS)



SCREW-EXTRACTION-SET

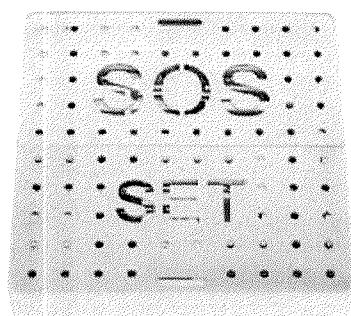
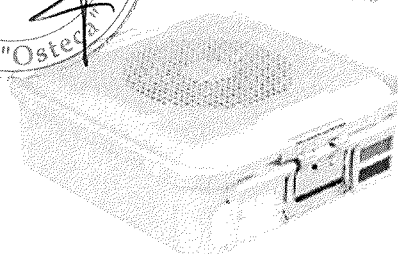
SET-54-09-25-000

complete



2018-04-23
Kopija tikra

2018-04-23



MA-54-09-25-0000-31

Plastic - Tray for Screw-Extraction (Empty)

RECOMMENDED FOR STERILIZATION
CONTAINER FOR

SET-54-09-25-000

complete

CONTAINER BOTTOM

CB-305-100

285 x 280 x 100 mm

CONTAINER LID

CL-300-010

285 x 280 mm

1.32.

SELECTED INSTRUMENTS

Conical Extraction Screws



1.15-1.18

MA-52-09-15-1603	Conical Extraction Screw for 1.5 / 2.0 mm Screws
MA-52-09-27-1603	Conical Extraction Screw for 2.7 / 3.5 / 4.0 mm Screws
MA-52-09-45-1603	Conical Extraction Screw for 4.5 / 5.0 / 6.5 / 7.0 mm Screws

2018-04-23

Kopija tikra

Hollow Reamers complete



1.1-1.6

MA-52-09-15-1602	Hollow Reamer for 1.5 mm Screws
MA-52-09-20-1602	Hollow Reamer for 2.0 mm Screws
MA-52-09-27-1602	Hollow Reamer for 2.7 mm Screws
MA-52-09-35-1602	Hollow Reamer for 3.5 / 4.0 mm Screws
MA-52-09-45-1602	Hollow Reamer for 4.5 mm Screws
MA-52-09-65-1602	Hollow Reamer for 5.0 / 6.5 / 7.0 mm Screws

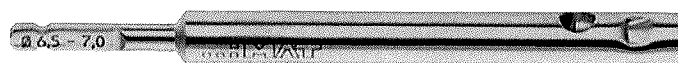


Extraction Bolts



1.16-1.18

MA-52-09-15-1601	Extraction Bolt for 1.5 mm Screws
MA-52-09-20-1601	Extraction Bolt for 2.0 mm Screws
MA-52-09-27-1601	Extraction Bolt for 2.7 mm Screws



1.19-1.21

MA-52-09-35-1601	Extraction Bolt for 3.5 / 4.0 mm Screws
MA-52-09-45-1601	Extraction Bolt for 4.5 mm Screws
MA-52-09-65-1601	Extraction Bolt for 5.0 / 6.5 / 7.0 mm Screws

SELECTED INSTRUMENTS

Hollow Reamers Tube



MA-52-09-15-1602-03	Speare Reamer (Reamer Tube) for Hollow Reamer 1.5 mm (used for 1.5 mm Screws)
MA-52-09-20-1602-03	Speare Reamer (Reamer Tube) for Hollow Reamer 2.0 mm (used for 2.0 mm Screws)
MA-52-09-27-1602-03	Speare Reamer (Reamer Tube) for Hollow Reamer 2.7 mm (used for 2.7 mm Screws)
MA-52-09-35-1602-03	Speare Reamer (Reamer Tube) for Hollow Reamer 3.5 / 4.0 mm (used for 3.5 / 4.0 mm Screws)
MA-52-09-45-1602-03	Speare Reamer (Reamer Tube) for Hollow Reamer 4.5 mm (used for 4.5 mm Screws)
MA-52-09-65-1602-03	Speare Reamer (Reamer Tube) for Hollow Reamer 5.0 / 6.5 / 7.0 mm (used for 5.0 / 6.5 / 7.0 mm Screws)

Hollow Reamers Central Bolt



MA-52-09-15-1602-02	Centrical Bolt used with Hollow Reamer for 1.5 mm
MA-52-09-20-1602-02	Centrical Bolt used with Hollow Reamer for 2.0 mm
MA-52-09-27-1602-02	Centrical Bolt used with Hollow Reamer for 2.7 mm
MA-52-09-35-1602-02	Centrical Bolt used with Hollow Reamer for 3.5 / 4.0 mm
MA-52-09-45-1602-02	Centrical Bolt used with Hollow Reamer for 4.5 mm
MA-52-09-65-1602-02	Centrical Bolt used with Hollow Reamer for 5.0 / 6.5 / 7.0 mm

TC-Drill Bit



MA-89244-25	TC-Drill Bit ø 2.5 mm (used for drill off screw heads)
MA-89244-35	TC-Drill Bit ø 3.5 mm (used for drill off screw heads)
MA-89244-50	TC-Drill Bit ø 5.0 mm (used for drill off screw heads)

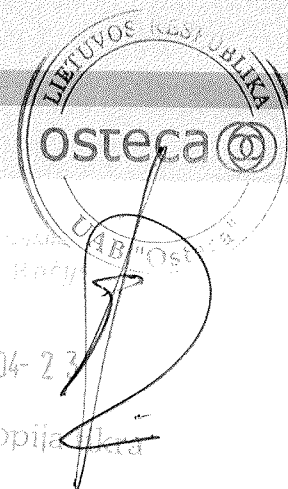
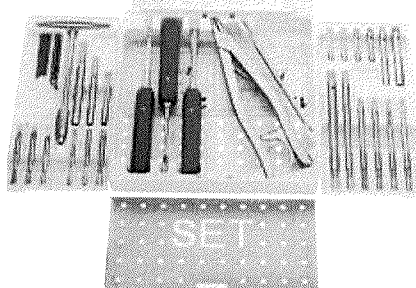
Sharp Hook



MA-30-46-16-1800

Length 155 mm

SET - LISTING FOR SET: SET-54-09-25-000 SCREW EXTRACTION-SET COMPLETE



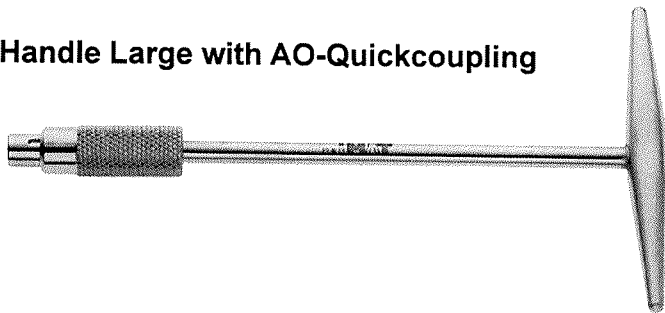
SET - LISTING FOR SET: SET-54-09-25-000 SCREW- EXTRACTION - SET COMPLETE		
REF. - NO.:	PRODUCT - DESCRIPTION:	
MA-54-09-25-0000-31	Plastic - Tray for Screw-Extraction Set-54-09-25-000	-1-Pcs.
MA-52-09-15-1603	Conical Extraction Screw for 1.5 / 2.0 mm Screws	-1-Pcs.
MA-52-09-27-1603	Conical Extraction Screw for 2.7 / 3.5 / 4.0 mm Screws	-1-Pcs.
MA-52-09-45-1603	Conical Extraction Screw for 4.5 / 5.0 / 6.5 / 7.0 mm Screws	-1-Pcs.
MA-52-09-15-1601	Extraction Bolt for 1.5 mm Screws	-1-Pcs.
MA-52-09-20-1601	Extraction Bolt for 2.0 mm Screws	-1-Pcs.
MA-52-09-27-1601	Extraction Bolt for 2.7 mm Screws	-1-Pcs.
MA-52-09-35-1601	Extraction Bolt for 3.5 / 4.0 mm Screws	-1-Pcs.
MA-52-09-45-1601	Extraction Bolt for 4.5 mm Screws	-1-Pcs.
MA-52-09-65-1601	Extraction Bolt for 5.0 / 6.5 / 7.0 mm Screws	-1-Pcs.
MA-52-09-15-1602	Hollow Reamer for 1.5 mm Screws	-1-Pcs.
MA-52-09-20-1602	Hollow Reamer for 2.0 mm Screws	-1-Pcs.
MA-52-09-27-1602	Hollow Reamer for 2.7 mm Screws	-1-Pcs.
MA-52-09-35-1602	Hollow Reamer for 3.5 / 4.0 mm Screws	-1-Pcs.
MA-52-09-45-1602	Hollow Reamer for 4.5 mm Screws	-1-Pcs.
MA-52-09-65-1602	Hollow Reamer for 5.0 / 6.5 / 7.0 mm Screws	-1-Pcs.
MA-52-09-15-1602-03	Spare Reamer (Reamer Tube) for Hollow Reamer 1.5 mm (used for 1.5 mm Screws)	-1-Pcs.
MA-52-09-20-1602-03	Spare Reamer (Reamer Tube) for Hollow Reamer 2.0 mm (used for 2.0 mm Screws)	-1-Pcs.
MA-52-09-27-1602-03	Spare Reamer (Reamer Tube) for Hollow Reamer 2.7 mm (used for 2.7 mm Screws)	-1-Pcs.
MA-52-09-35-1602-03	Spare Reamer (Reamer Tube) for Hollow Reamer 3.5 / 4.0 mm (used for 3.5 / 4.0 mm Screws)	-1-Pcs.
MA-52-09-45-1602-03	Spare Reamer (Reamer Tube) for Hollow Reamer 4.5 mm (used for 4.5 mm Screws)	-1-Pcs.
MA-52-09-65-1602-03	Spare Reamer (Reamer Tube) for Hollow Reamer 5.0 / 6.5 / 7.0 mm (used for 5.0 / 6.5 / 7.0 mm Screws)	-1-Pcs.
MA-30-46-16-1800	Sharp Hook, Length 155 mm	-1-Pcs.
MA-21-03-00-1600	Mini Lexer Gouge, 4 mm	-1-Pcs.
MA-21-03-00-1601	Mini Lexer Gouge, 6 mm	-1-Pcs.
MA-21-03-00-1603	Mini Lexer Gouge, 10 mm	-1-Pcs.
MA-30-01-21-1603	Screw Holding Forceps 20.5 cm / 8"	-1-Pcs.
MA-30-06-16-1600	T-Handle, Large with AO-Quickcoupling Lenght 160 mm	-1-Pcs.
MA-54-09-25-000-01	Template for use Broken Screw-Extraction Instruments (Guide Manual for Use)	-1-Pcs.
MA-89244-25	TC-Drill Bit ø 2.5 mm (used for drill off screw heads)	-2-Pcs.
MA-89244-35	TC-Drill Bit ø 3.5 mm (used for drill off screw heads)	-2-Pcs.
MA-89244-50	TC-Drill Bit ø 5.0 mm (used for drill off screw heads)	-2-Pcs.

1.51.
1.22
1.23
1.24

4

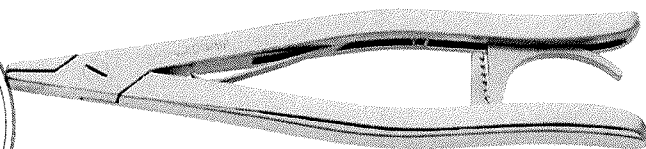
SELECTED INSTRUMENTS

T-Handle Large with AO-Quickcoupling



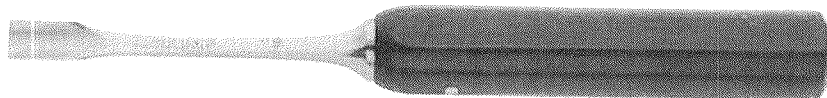
1.26.
MA-30-06-16-1600
Length 160 mm

Screw Holding Forceps



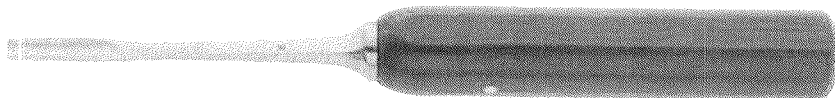
1.27.
MA-30-01-21-1603
Length 20,5 cm / 8"

Mini Lexer Gouge



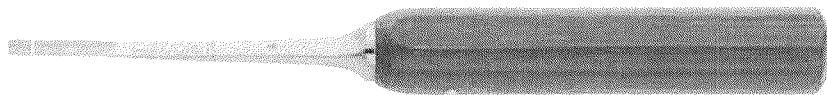
1.28.
MA-21-03-00-1600
Length 4 mm

Mini Lexer Gouge



1.29.
MA-21-03-00-1601
Length 6 mm

Mini Lexer Gouge



1.30.
MA-21-03-00-1603
Length 10 mm

MA-54-09-25-000-01 TEMPLATE FOR USE BROKEN SCREW - EXTRACTION INSTRUMENTS (GUIDE MANUAL FOR USE IN SURGICAL THEATRE)

1.31.

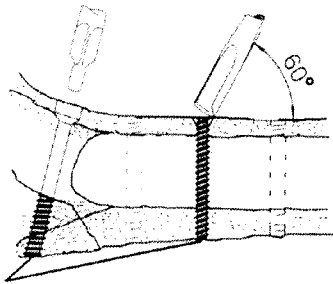
2018-04-23



Kopija tikra

1.

Bitte (Gebrauchsanweisung vor dem Sterilisieren aus der Box entfernen)
Please remove the instruction before sterilisation



Angewinkelte Schrauben / Broken Screw / Vis Cassée / Vis Scrottata

Freigang des Schraubenschafts und der abgetriebenen Schraube als Zentrierung für den Hohlfräser, mit Hohlfräser oder Spezialbohrer.

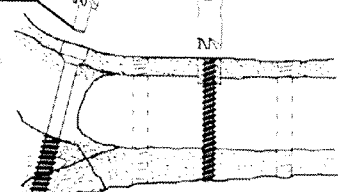
Exposure of the screw neck and the broken screw as a series to centre the hollow reamer using a countersink or special reamer.

Préparation de l'orifice de la vis cassée pour centrer le trepan au moyen de la fraise à chanfrein ou du gabari-gauge stérile.

Messa a nido del canale da vis in della vite spezzata o rotta la fresa per sede conica oppure speciale scabrolo.

2.

Zentrierbohrer
Centering bit
Guide de centrage
Perno di centraggio



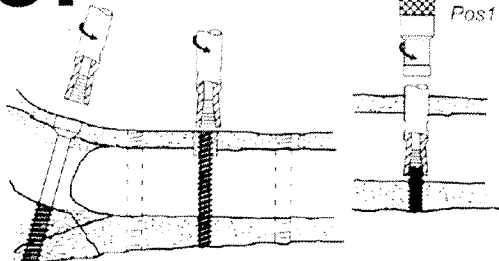
Mit Hohlfräser Zuegang für den Extraktionsbohrer ausfräsen. Schraubenentwürfen beachten. Bei horizontaler Zentrierung entfernen wenn der Schaftüberstumpfung erreicht ist.
The creation of the screw's holes. The hole for the extraction bit is cut using the hollow reamer. The centering bit is removed as soon as it contacts the screw fragment.

Préparer l'accès pour le boeur d'extraction à l'aide du coupe-pén en observant la direction de la direction de la vis. Elever le guide de centrage au moment du contact avec la vis cassée.

Prevedere l'accesso per il perno di estrazione con la fresa tubolare osservando la direzione della vite. Estrarre il perno di centraggio dalla fresa tubolare appena si raggiunge il resto della vite.

3.

Passivierungsbolzen für Extraktor
Zubehörgesetz für screw
Boucle d'extraction pour vis
Perno di estrazione per vis
Ø1.5mm / Ø2.0mm / Ø2.2mm
Ø3.5-4.0mm / Ø4.0mm / Ø5.5-7.0mm



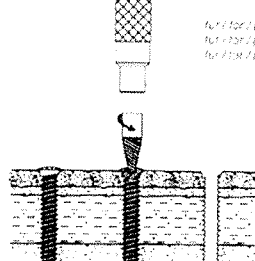
Mit Linksdrehung den Extraktionsbolzen kräftig auf den Schraubenschaft drücken und herausziehen.

The extractor bolt is strongly pressed onto the screw fragment and rotated anticlockwise, thus allowing the fragment to be screwed out.

Extraction de la vis en enfonceant avec force le boulon sur la vis cassée puis en le tournant de droite à gauche.

Prendere la vite premendo sulla vite spezzata ed estrarla girando a sinistra.

Nonische Extraktions-Schraube für
Conical extraction screw
Vis d'extraction conique



1mm für 1,0mm / per 1,0-2,0mm
1,5mm für 1,5mm / per 1,5-2,0mm
2,0mm für 2,0mm / per 2,0-3,0mm

Bei Beschädigung des Schaftes, wie bei passivem Kollaps, fixieren und ziehen mit Griffstück (Post) unter Druck und Linksdrehung möglichst senkrecht herausziehen und Schraube entfernen.

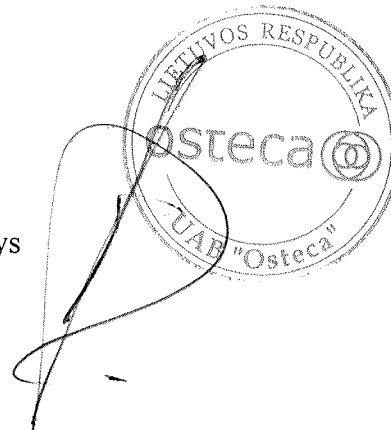
If the hexagonal socket is damaged, insert the fitting conical extraction screw with handle Post as vertically as possible under pressure and left hand rotation and remove the screw.

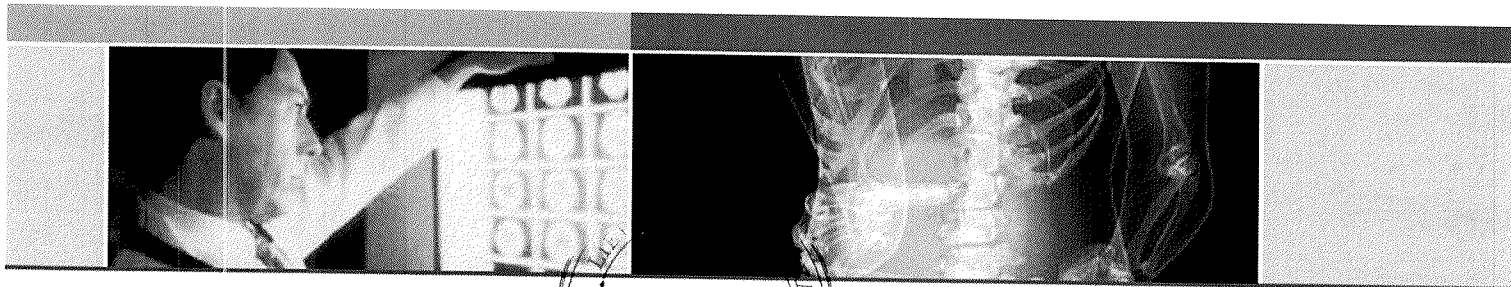
En cas d'une empreinte hexagonale endommagée, insérer la vis d'extraction juste avec poignée Post sous pression et rotation inverse aussi verticalement que possible et enlever la vis. In caso che l'esagono è incassato e danneggiato, avvitare la vite conica per estrazione adatta con l'impugnatura Post sotto pressione e di rotazione a sinistra e poi verticalmente possibile e rimuovere la vite.

**UNIVERSALIŲ REVIZINIŲ INSTRUMENTŲ IMPLANTŲ ŠALINIMUI PIRKIMAS
APRAŠYMAS LIETUVIŲ KALBA**

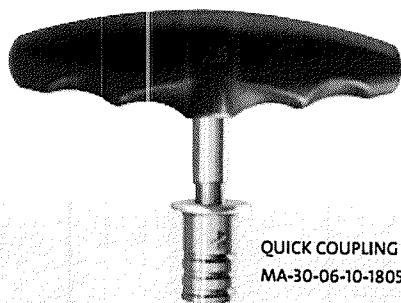
Gamintojas MAT (Vokietija)	
1.1.-1.6.	Trepanas su centratoriumi
1.7.-1.12.	Atsarginis trepanas
1.13.-1.15.	Atsuktuvai su konusiniu sriegiu
1.16.-1.21.	Atsuktuvai su vidiniu reversiniu sriegiu
1.22.-1.24.	Grąžtai
1.25.	Aštrus kabliukas
1.26.	T formos rankena su greitojo perjungimo AO mechanizmu.
1.27.	Replės sraigčių ištraukimui.
1.28.-1.30.	Kaltai
1.31.	Plokštelė-šablonas, skirta darbui su instrumentais.
1.32.	Plastikinis instrumentų dėklas.

UAB "Osteca" vadybininkas Evaldas Ročys





UNIVERSAL EXTRACTION SET FOR INTRAMEDULLARY NAIL SYSTEMS



QUICK COUPLING T-HANDLE
MA-30-06-10-1805

2018-04-23

2.15.



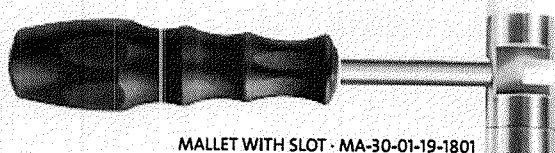
QUICK COUPLING HANDLE · MA-30-06-18-1800

2.16.



UNIVERSAL QUICK COUPLING CARDAN JOINT
(LONG FOR T-HANDLE AND HANDLE) · MA-30-06-17-1808

2.17.



MALLET WITH SLOT · MA-30-01-19-1801

2.18.

- 2.8-2.19
- DRIVER HEXAGONAL SW 2.5 (HEXAGONAL FLATS 2.5mm) · MA-30-06-25-1803
 - DRIVER HEXAGONAL SW 3.0 (HEXAGONAL FLATS 3.0mm) · MA-30-06-30-1803
 - DRIVER HEXAGONAL SW 3.5 (HEXAGONAL FLATS 3.5mm) · MA-30-06-35-1803
 - DRIVER HEXAGONAL SW 4.0 (HEXAGONAL FLATS 4.0mm) · MA-30-06-40-1803
 - DRIVER HEXAGONAL SW 4.5 (HEXAGONAL FLATS 4.5mm) · MA-30-06-45-1803
 - DRIVER HEXAGONAL SW 5.0 (HEXAGONAL FLATS 5.0mm) · MA-30-06-50-1803

HEMOSAT · MA-30-05-15-1800

2.16.



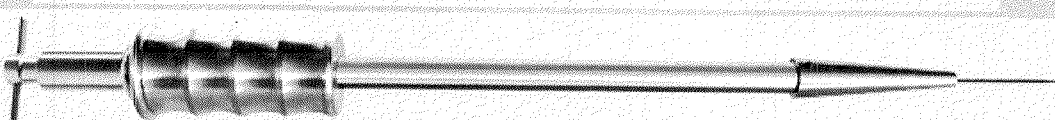
EXTRACTOR
MA-30-09-55-1800-30

2.1.



TENSION ROD USED FOR NAIL
EXTRACTION HAMMER
MA-30-09-55-1800-31

2.2.



EXTRACTION HAMMER COMPLETE
WITH TENSION DEVICE AND
TENSION ROD · MA-30-09-55-1800

ADAPTER FOR NAIL EXTRACTOR GR 1. (SIZE 1.)
6 UP TO 9mm · MA-30-09-55-1800-11

2.4.

ADAPTER FOR NAIL EXTRACTOR GR 2. (SIZE 2.)
9 UP TO 12mm · MA-30-09-55-1800-12

2.5.

ADAPTER FOR NAIL EXTRACTOR GR 3. (SIZE 3.)
12 UP TO 15mm · MA-30-09-55-1800-13

2.6.



WRENCH
MA-30-06-10-1806

2.7.

SPARE NYLON DISCS
MA-30-01-19-1801-04

SPARE STEEL DISCS
MA-30-01-19-1801-03



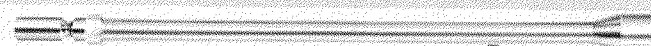
CONICAL EXTRACTION SCREW · MA-30-06-03-1803

2.19.



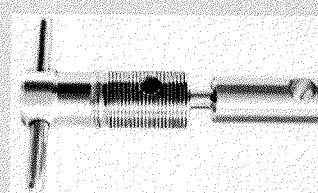
SCREW DRIVER WITH GUIDE PIN · MA-30-06-01-1803

2.20.



SOCKET WRENCH · MA-30-06-02-1803

2.21.



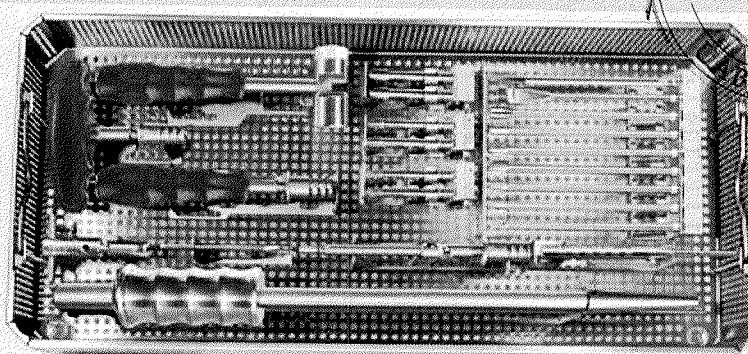
TENSION DEVICE USED FOR NAIL
EXTRACTION HAMMER
MA-30-09-55-1800-32

2.3.

EXTRACTION SET FOR INTRAMEDULLARY NAIL SYSTEMS

Kopija tikra

2018-04-23



Universal Extraction Set for Intramedullary Nail Systems

Listing for SET-54-09-55-000

The extraction set includes following items:

REF.:	PRODUCT - DESCRIPTION:	PCS.
MA-54-48-55-0000	Sterilization Container Bottom and Lid 580x280x100mm	1
MA-54-09-55-0000-30	Steel Sterilization Tray with Lid 540x255x75mm include Inlays	1
MA-30-09-55-1800-30	Extractor	1
MA-30-09-55-1800-31	Tension Rod used for Nail Extraction Hammer	1
MA-30-09-55-1800-32	Tension Device used for Nail Extraction Hammer	1
MA-30-09-55-1800-11	Adapter for Nail Extractor GR 1. (Size 1.) 6 up to 9mm	2
MA-30-09-55-1800-12	Adapter for Nail Extractor GR 2. (Size 2.) 9 up to 12mm	2
MA-30-09-55-1800-13	Adapter for Nail Extractor GR 3. (Size 3.) 12 up to 15mm	2
MA-30-06-10-1806	Wrench	1
MA-30-06-25-1803	Driver Hexagonal SW 2.5 (Hexagonal Flats 2.5mm)	1
MA-30-06-30-1803	Driver Hexagonal SW 3.0 (Hexagonal Flats 3.0mm)	1
MA-30-06-35-1803	Driver Hexagonal SW 3.5 (Hexagonal Flats 3.5mm)	1
MA-30-06-40-1803	Driver Hexagonal SW 4.0 (Hexagonal Flats 4.0mm)	1
MA-30-06-45-1803	Driver Hexagonal SW 4.5 (Hexagonal Flats 4.5mm)	1
MA-30-06-50-1803	Driver Hexagonal SW 5.0 (Hexagonal Flats 5.0mm)	1
MA-30-05-15-1800	Hemosat	1
MA-30-06-10-1805	Quick Coupling T-Handle	1
MA-30-06-18-1800	Quick Coupling Handle	1
MA-30-06-17-1808	Universal Quick Coupling Cardan Joint (Long for T-Handle and Handle)	1
MA-30-01-19-1801	Mallet with Slot	1
MA-30-06-03-1803	Conical Extraction Screw	1
MA-30-06-01-1803	Screw Driver with Guide Pin	1
MA-30-06-02-1803	Socket Wrench	1



SCREWING THE CORRECT INSERT

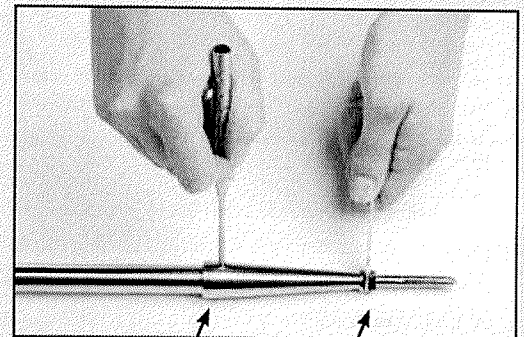
Once the correct insert has been selected, it is screwed into the extraction hammer. To do this, place the insert with the boring side onto the pusher bar and bring it up to the extraction hammer. Unscrew it as far as possible by turning to the right. Using the spanner and hemosat included in the set, tighten it slightly. To do this, put the hemosat into the boring supplied for this purpose, and put the spanner on the spanner surfaces of the insert. Now, by turning to the right, you prevent this from it inadvertently coming off.

Tools required:

2.14.



2.7.

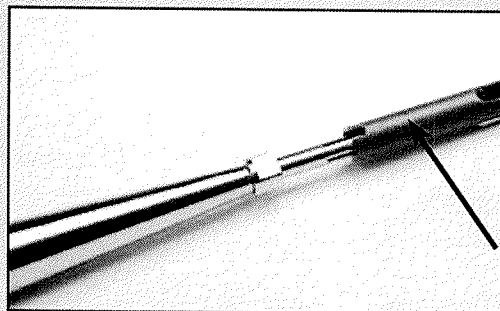


Boring for hemosat

Wrench area

Extracting the screw

Now attach the extraction hammer to the screw. Due to the elliptic shape of the insert, it is not necessary to align the extraction hammer precisely. By turning to the right of the entire instrument, screw it into the screw. This should be carried out until the entire threaded portion disappears into the threaded portion of the screw.



The entire threaded portion is in the threaded portion of the screw

UNIVERSALIŲ REVIZINIŲ INSTRUMENTŲ IMPLANTŲ ŠALINIMUI PIRKIMAS **APRAŠYMAS LIETUVIŲ KALBA**

Gamintojas MAT (Vokietija)	
2.1.	Kaniuliuotas ekstraktorius
2.2.	Tempimo strypas, pravedamas pro ekstraktoriaus kaniulę
2.3.	T formos įtempimo įtaisas, naudojamas su ekstraktoriumi ir tempimo strypu.
2.4.-2.6.	Intramedulinės vinies adapteris
2.7.	Veržliaraktis
2.8.-2.13.	Konusinis heksagonalinis atsuktuvus su greitojo perjungimo jungtimi
2.14.	Ylinis užveržimo raktas
2.15.	T formos atsuktuvo rankena su greitojo perjungimo mechanizmu
2.16.	Standartinės formos atsuktuvo rankena su greitojo perjungimo mechanizmu.
2.17.	Atsuktuvo kardanas, skirtas atsuktuvo prailginimo funkcijai, su šarnyrine jungtimi atsuktuvo kampo pakeitimui, su greitojo perjungimo mechanizmu ir greitojo perjungimo jungtimi.
2.18.	Plaktukas
2.19.	Atsuktuvus su konusiniu sriegiu
2.20.	Atsuktuvus su nukreipiančiuoju smaigu
2.21.	Veržliaraktis. Distalinė dalis patrono formos.
2.22.	Sterilizavimo konteineris su dangčiu
2.23.	Instrumentų dėklas

UAB "Osteca" vadybininkas Evaldas Ročys

