

+Redamed

INSTRUMENTS
CRANIO-MAXILLO
FACIAL SURGERY





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INSTRUMENTS
CRANIO-MAXILLO
FACIAL SURGERY

R58

TMJ INSTRUMENTS - OPEN SURGERY 01 - 08

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A.R.T INSTRUMENTS - OPEN SURGERY 09 - 14

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TMJ INSTRUMENTS
OPEN SURGERY



Instruments for open surgery of temporomandibular joint e.g.
TMJ total joint replacement.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

■ AWLS TMJ



Fig. 1



Fig. 2

Dolwick-Reich

Fig. 1	150 mm / 6"	R58-455-01R
Fig. 2	150 mm / 6"	R58-455-02R

■ CLAMP TMJ MANDIBULAR GUIDING, BLUNT



Dolwick-Reich

165 mm / 6 1/2"	R58-460-01R
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■ CLAMPS TMJ MANDIBULAR GUIDING, SHARP



Dolwick-Reich

Fig. 1	160 mm / 6 1/4"	R58-461-01R
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■ CLAMP TMJ MANDIBULAR GUIDING, SHARP



Reda

175 mm / 6 7/8"	R58-463-17R
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■ DISTRACTOR TMJ CONDYLAR HEAD, OFFSET



Reda

180 mm / 7"	R58-471-18R
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■ DISTRACTOR TMJ CONDYLAR HEAD, STRAIGHT



Reda

180 mm / 7"	R58-472-18R
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■ DISTRACTORS TMJ CONDYLAR HEAD WITH LOCK



Reda

Left	150 mm / 6"	R58-473-01R
Right	150 mm / 6"	R58-473-02R

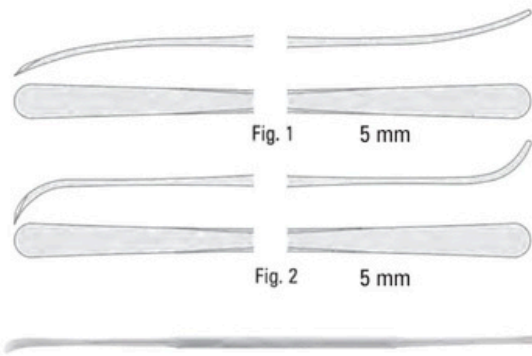
■ ELEVATOR TMJ PERIOSTEAL



Dolwick-Reich

6 mm	175 mm / 6 7/8"	R58-481-17R
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■ ELEVATORS TMJ PERIOSTEAL BLUNT / SHARP



Krenkel / Salzburg

Fig. 1	245 mm / 9 3/4"	R58-485-01R
Fig. 2	245 mm / 9 3/4"	R58-485-02R

■ FORCEPS TMJ DISC / BI-LAMINAR ZONE ATRAUMATIC



Dolwick-Reich

125 mm / 5"	R58-491-12R
140 mm / 5 1/2"	R58-491-14R

■ FORCEPS TMJ DISC / BI-LAMINAR ZONE ATRAUMATIC



Reda

45°	120 mm / 4 3/4"	R58-493-12R
45°	165 mm / 6 1/2"	R58-493-16R
90°	100 mm / 4"	R58-495-10R
90°	145 mm / 5 3/4"	R58-495-14R

■ FORCEPS TMJ DISC / BI-LAMINAR ZONE



Messer

90°	125 mm / 5"	R58-497-12R
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■ FORCEPS TMJ HEMOSTATIC ATRAUMATIC



Reda

60°	90 mm / 3 1/2"	R58-501-09R
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■ FORCEPS TMJ HEMOSTATIC



Reda

90° 120 mm / 4 3/4" R58-503-12R

■ FORCEPS TMJ LIGATURE HOLDING



Dolwick-Reich

220 mm / 8 3/4" R58-509-22R

■ KNIFE TMJ RESECTION



Dolwick-Reich

145 mm / 5 3/4" R58-515-14R

■ PROBES TMJ PALPATION



Dolwick-Reich

Left 165 mm / 6 1/2" R58-521-01R
Right 165 mm / 6 1/2" R58-521-02R

■ RASP TMJ DIAMOND COATED



Dolwick-Reich

6 mm 175 mm / 6 7/8" R58-525-17R

■ RASPS TMJ DIAMOND COATED



Fig. 1 4.5 mm

Fig. 2 4.5 mm



Dolwick-Reich

Fig. 1 150 mm / 6" R58-529-01R
Fig. 2 150 mm / 6" R58-529-02R

■ RASP TMJ CROSS SERRATED



Dolwick-Reich

165 mm / 6 1/2" R58-531-16R

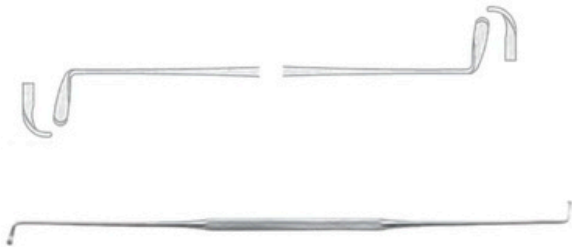
■ REPOSITIONER / FORK TMJ



Krenkel / Salzburg

Fig. 11 245 mm / 9 3/4" R58-535-11R

■ REPOSITIONER / RETRACTOR TMJ



Krenkel / Salzburg

Fig. 12 245 mm / 9 3/4" R58-535-12R

■ RETRACTORS TMJ CONDYLE



Dolwick-Reich

80° 145 mm / 5 3/4" R58-539-14R
110° 155 mm / 6 1/8" R58-539-15R

■ RETRACTORS TMJ CONDYLE



Dolwick-Reich

80° 180 mm / 7" R58-541-18R
110° 190 mm / 7 1/2" R58-541-19R

■ RETRACTOR TMJ CONDYLE



Dunn-Dautrey (Lateral)

13 x 6 mm 135 mm / 5 3/4" R58-543-13R

■ RETRACTOR TMJ CONDYLE



Dunn-Dautrey (Anterior)

60 x 6.5 mm 140 mm / 5 1/2" R58-545-01R

■ RETRACTOR TMJ CONDYLE



Dunn-Dautrey (Posterior)

50 x 6.5 mm 140 mm / 5 1/2" R58-545-02R

■ RETRACTORS TMJ CONDYLE



Dunn-Dautrey (Superior)

50 x 6.5 mm 140 mm / 5 1/2" R58-545-03R
50 x 8.0 mm 140 mm / 5 1/2" R58-545-04R

■ RETRACTORS TMJ CONDYLE

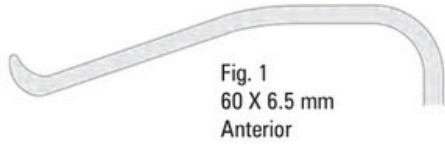


Fig. 1
60 X 6.5 mm
Anterior

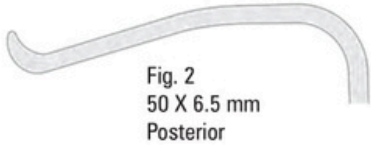


Fig. 2
50 X 6.5 mm
Posterior



Reda

Fig. 1	150 mm / 6"	R58-549-01R
Fig. 2	150 mm / 6"	R58-549-02R

■ RETRACTOR TMJ CONDYLE



Reda (Serrated)

27 x 8 mm	210 mm / 8 1/4"	R58-551-08R
44 x 10 mm	210 mm / 8 1/4"	R58-551-10R

■ RETRACTOR TMJ CONDYLE



Reda (Universal)

190 mm / 7 1/2"	R58-553-19R
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■ RETRACTOR TMJ CONDYLE



McIndoe

25 x 13 mm	225 mm / 8 7/8"	R58-561-22R
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■ RETRACTORS TMJ CONDYLE



Messer

6 mm	200 mm / 8"	R58-563-01R
10 mm	200 mm / 8"	R58-563-02R

■ RETRACTOR TMJ CONDYLE



Messer-Glenoid Fossa

190 mm / 7 1/2"	R58-565-19R
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■ RETRACTOR TMJ CONDYLE



Messer-Medial

150 mm / 6"

R58-567-15R

■ RETRACTOR TMJ SELF-RETAINING



Dolwick-Champy (with two central blades)

160 mm / 6 1/4"

R58-582-00R

■ RETRACTORS TMJ CONDYLE



Salzburg

Left	225 mm / 8 7/8"	R58-571-01R
Right	225 mm / 8 7/8"	R58-571-02R

■ RETRACTOR TMJ SELF-RETAINING



Juniper

150 mm / 6"

R58-588-15R

■ RETRACTOR TMJ SIGMOID NOTCH



Salzburg

Concave	230 mm / 9"	R58-575-23R
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■ RETRACTOR TMJ SELF-RETAINING



Morsby

90 mm / 3 1/2"

R58-592-09R

■ SCISSORS TMJ DISC RESECTION S-SHAPE

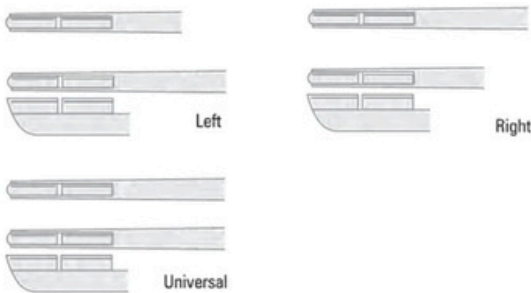


Dolwick-Reich

135 mm / 5 3/4"

R58-607-13R

■ RETRACTORS TMJ SELF-RETAINING



Wilkes

Left	90 mm / 3 1/2"	R58-595-01R
Right	90 mm / 3 1/2"	R58-595-02R
Universal	90 mm / 3 1/2"	R58-595-03R

■ STRIPPERS TMJ



Dunn-Dautrey

6 x 48 mm	155 mm / 6 1/8"	R58-615-01R
6 x 56 mm	165 mm / 6 1/2"	R58-615-02R

■ SCISSORS TMJ DISC RESECTION S-SHAPE



Dolwick-Reich

135 mm / 5 3/4"

R58-605-13R

■ STRIPPER TMJ



Dunn-Dautrey

50 x 6.5 mm

140 mm / 5 1/2"

R58-617-14R

R59

A.R.T.
INSTRUMENTS



The Reda version of A.R.T. Face airway bite (FAB) orthognathic instruments are not implied to be an exact version of any other system, nor do we claim any endorsement.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

■ CLAMP BONE

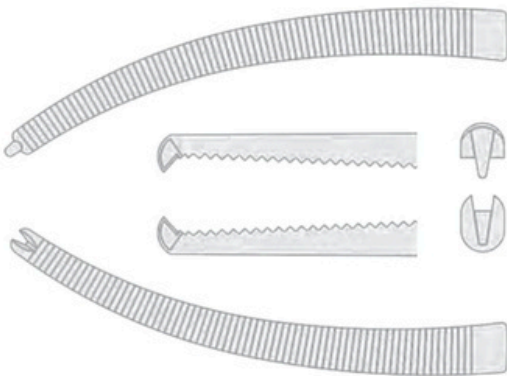
Used to hold condylar fragment while stretching tooth bearing fragment periosteotomy connective tissue.



A.R.T.
185 mm / 7 1/4" R59-800-18R

■ CLAMP BONE

Used for Coronoid retraction



A.R.T.
With chain R59-805-00R

■ CURRETE



A.R.T.
190 mm / 7 1/2" R59-808-19R

■ CURETTE MAXILLARY SINUS



A.R.T.
165 mm / 6 1/2" R59-813-16R

■ DISSECTOR DECENDING PALATINE CANAL



A.R.T.
230 mm / 9" R59-817-01R

■ DISSECTOR BSSO INFERIOR ALVEOLAR NERVE



A.R.T.
230 mm / 9" R59-817-02R

■ DISSECTOR BSSO INFERIOR ALVEOLAR NERVE



A.R.T.
230 mm / 9" R59-817-03R

■ ELEVATOR LE FORT | NASAL FLOOR/ INFERIOR SEPTUM



A.R.T.

200 mm / 8"

R59-820-20R

■ ELEVATOR PERIOSTEAL



A.R.T.

210 mm / 8 1/4"

R59-821-21R

■ ELEVATOR PERIOSTEAL



A.R.T.

240 mm / 9 1/2"

R59-821-24R

■ ELEVATOR RAMUS



A.R.T.

215 mm / 8 1/2"

R59-822-21R

■ FORK BSSO CONDYLAR SEATING



A.R.T.

200 mm / 8"

R59-829-20R

■ GAUGE, NASAL SCREW TO INCISOR MEASUREMENT



A.R.T.

0 - 100 mm

R59-835-00R

■ MALLET



Ø 25 mm



A.R.T.

350 g

205 mm / 8 1/8"

R59-840-20R

■ OSTEOTOME INTERDENTAL



A.R.T.		
8 mm	175 mm / 6 7/8"	R59-846-17R

■ OSTEOTOME PTERYGOPALATINE FISSURE



A.R.T.		
6 mm	175 mm / 6 7/8"	R59-851-17R

■ OSTEOTOME BSSO SPLITTING



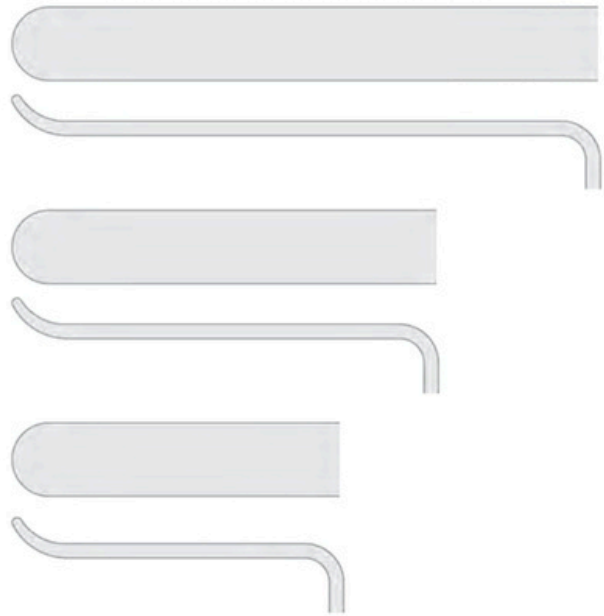
A.R.T.		
6 mm	160 mm / 6 1/4"	R59-856-16R

■ OSTEOTOME BSSO SPLITTING



A.R.T.		
7 mm	215 mm / 8 1/2"	R59-858-07R
14 mm	215 mm / 8 1/2"	R59-858-14R

■ RETRACTORS CHEEK / LIP



A.R.T.		
44 x 10 mm	225 mm / 8 7/8"	R59-873-01R
58 x 10 mm	225 mm / 8 7/8"	R59-873-02R
80 x 10 mm	225 mm / 8 7/8"	R59-873-03R

■ RETRACTOR CHIN OSTEOTOMY MENTAL NERVE



A.R.T.		
45 x 6.5 mm	220 mm / 8 3/4"	R59-875-22R

■ RETRACTOR CHIN OSTEOTOMY MIDLINE FLAP



A.R.T.

8.5 mm 190 mm / 7 1/2" R59-877-19R

■ RETRACTOR INCISION CLOSURE



A.R.T.

220 mm / 8 3/4" R59-879-22R

■ RETRACTOR INTERDENTAL OSTEOTOMY TISSUE



A.R.T.

220 mm / 8 3/4" R59-881-22R

■ RETRACTOR LINGUAL



A.R.T.

200 mm / 8" R59-883-20R

■ RETRACTOR LIP UPPER



A.R.T.

40 x 10 mm 225 mm / 8 7/8" R59-885-22R

■ RETRACTOR MANDIBULAR BODY



A.R.T.

170 mm / 6 3/4"

R59-889-17R

■ RETRACTOR POSTERIOR



A.R.T.

200 mm / 8"

R59-895-20R

■ RETRACTOR NASAL MUCOSA



A.R.T.

195 mm / 7 3/4"

R59-891-19R

■ RETRACTOR TRANSORAL DRILL AND SCREW



A.R.T.

35 x 7 mm

220 mm / 8 3/4"

R59-899-22R

■ RETRACTOR PLATING MENTAL NERVE



A.R.T.

195 mm / 7 3/4"

R59-893-19R

R60

**DINGMAN
INSTRUMENTS**



The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Dingman.

**INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY**

■ DISPLACER SEPTAL, SERRATED



Dingman - Pollock

10 mm 200 mm / 8" R60-006-20R

■ ELEVATOR PERIOSTEAL, SHARP / BLUNT



Dingman

4 / 7 mm 180 mm / 7" R60-009-18R

■ ELEVATOR ZYGOMATIC ARCH, BLUNT ROUND



Dingman

5 mm 215 mm / 8 1/2" R60-013-21R

■ ELEVATOR ZYGOMATIC ARCH, BLUNT FLAT



Dingman

8 mm 220 mm / 8 3/4" R60-015-22R

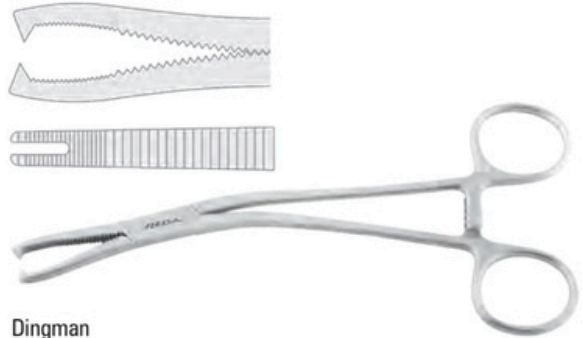
■ FORCEPS BONE HOLDING, ORIGINAL



Dingman

Light Pattern 190 mm / 7 1/2" R60-019-19R

■ FORCEPS BONE HOLDING, SLOTTED



Dingman

Strong Pattern 190 mm / 7 1/2" R60-021-19R

■ FORCEPS BONE HOLDING

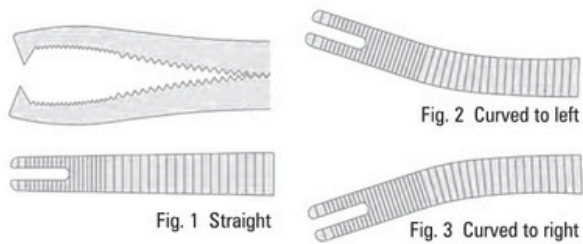


Fig. 1 Straight

Fig. 2 Curved to left

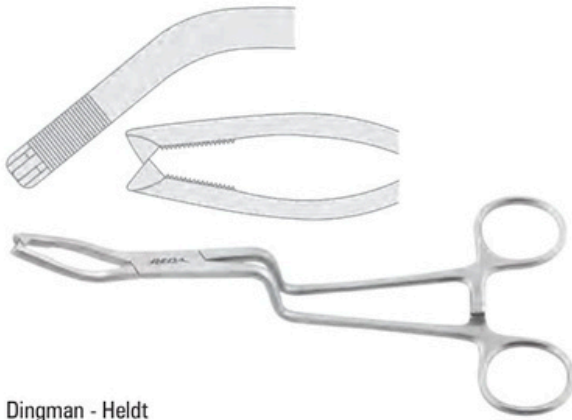
Fig. 3 Curved to right



Dingman - 45° Bent

Fig. 1 190 mm / 7 1/2" R60-023-01R
 Fig. 2 190 mm / 7 1/2" R60-023-02R
 Fig. 3 190 mm / 7 1/2" R60-023-03R

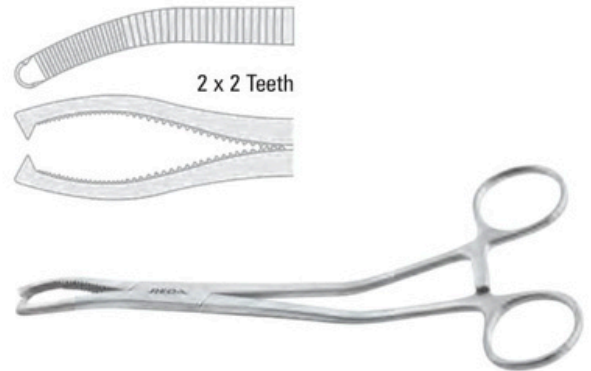
■ FORCEPS BONE HOLDING



Dingman - Heldt

Left	195 mm / 7 3/4"	R60-027-01R
Right	195 mm / 7 3/4"	R60-027-02R

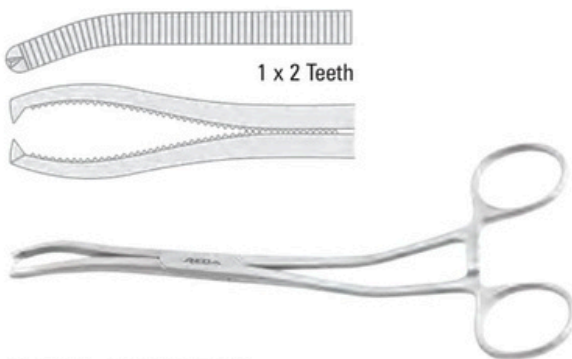
■ FORCEPS BONE HOLDING, SAGITTAL SPLIT



Dingman - Jeter-Van Sickles

Strong pattern	190 mm / 7 1/2"	R60-031-03R
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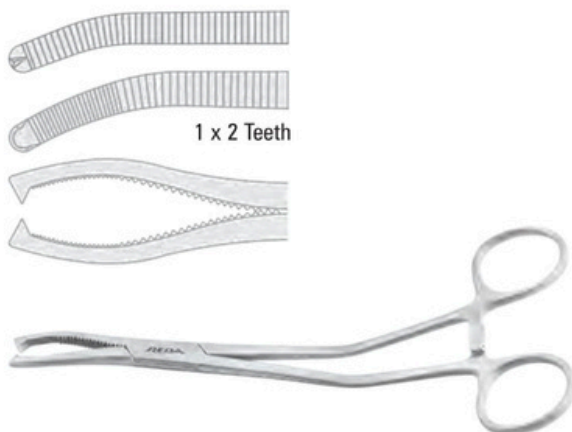
■ FORCEPS BONE HOLDING, SAGITTAL SPLIT



Dingman - Jeter-Van Sickles

Light pattern	190 mm / 7 1/2"	R60-031-01R
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■ FORCEPS BONE HOLDING, SAGITTAL SPLIT



Dingman - Jeter-Van Sickles

Strong pattern	190 mm / 7 1/2"	R60-031-02R
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■ FORCEPS DISIMPACTION

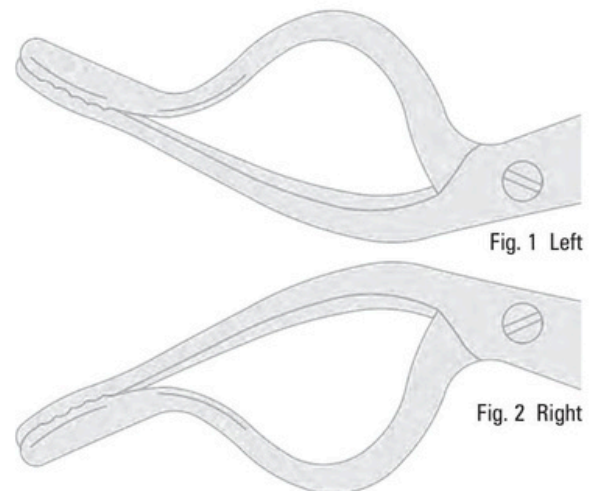


Fig. 1 Left

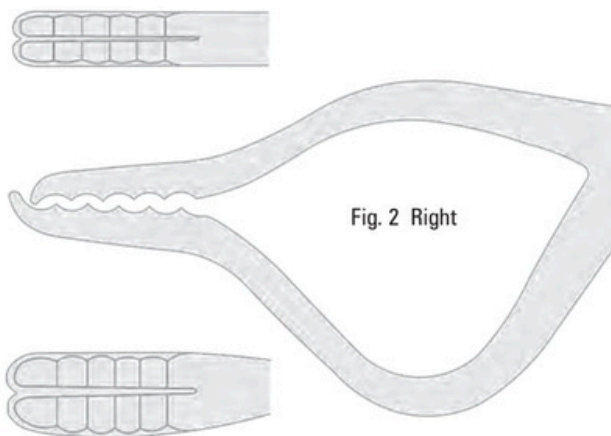
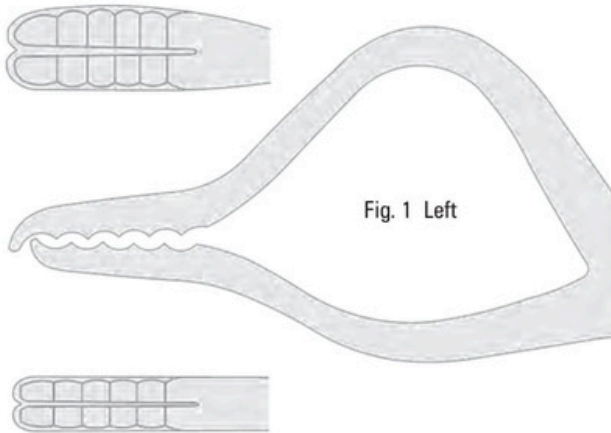
Fig. 2 Right



Dingman - Pollock

Fig. 1	275 mm / 10 3/8"	R60-039-01R
Fig. 2	275 mm / 10 3/8"	R60-039-02R

■ FORCEPS DISIMPACTION



Dingman - Rowe

Fig. 1	250 mm / 9 7/8"	R60-041-01R
Fig. 2	250 mm / 9 7/8"	R60-041-02R

■ HOOKS ZYGOMATIC ARCH, SHARP



Dingman

10 mm	190 mm / 7 1/2"	R60-051-10R
20 mm	190 mm / 7 1/2"	R60-051-20R

■ HOOK ZYGOMATIC ARCH, SHARP



Dingman

90°	190 mm / 7 1/2"	R60-053-19R
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■ HOOK ZYGOMATIC ARCH, SHARP



Dingman-Wilk

90°	200 mm / 8"	R60-055-20R
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■ MOUTH GAG



Complete set
R60-064-00R
Contents:
1 x R60-064-01R
1 x R60-066-02R
1 x R60-066-03R
1 x R60-066-04R

Dingman - Millard

Complete set	R60-064-00R
Frame only	R60-064-01R

■ MOUTH GAG



Complete set
R60-066-00R
Contents:
1 x R60-066-01R
1 x R60-066-02R
1 x R60-066-03R
1 x R60-066-04R

Dingman - Standard

Complete set	R60-066-00R
Frame only with 2 lateral blades	R60-066-01R
Tongue plate only 62 x 26 mm	R60-066-02R
Tongue plate only 65 x 30 mm	R60-066-03R
Tongue plate only 78 x 32 mm	R60-066-04R

■ MOUTH GAG



Complete set
R60-068-00R
Contents:
1 x R60-068-01R
1 x R60-068-02R
1 x R60-068-03R
1 x R60-068-04R



Moveable

Dingman - Zuinga

Complete set	R60-068-00R
Frame only	R60-068-01R
Tongue plate only 62 x 26 mm	R60-068-02R
Tongue plate only 65 x 30 mm	R60-068-03R
Tongue plate only 78 x 32 mm	R60-068-04R

■ OTOABRADERS CARTILAGE



Fig. 1 Left



Fig. 2 Right

Dingman

Fig. 1	150 mm / 6"	R60-076-01R
Fig. 2	150 mm / 6"	R60-076-02R

■ WIRE PASSERS



Dingman

Ø 2 mm	135 mm / 5 3/8"	R60-090-13R
Ø 2 mm	170 mm / 6 3/4"	R60-090-17R

R60

HARGIS
INSTRUMENTS



The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Hargis.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

CLAMP CORONOID SELF-RETAINING

For a positive retraction of the tissues on the anterior border of the ramus of the mandible, it eliminates much of the fatigue and tedium of the mid-sagittal osteotomy. It maintains its position during procedure and safeguards against trauma of rotary instrument to soft tissues.



Hargis

Complete with chain	190 mm / 7 1/2"	R60-265-19R
Chain only		R60-265-99R

ELEVATOR PEIORSTEAL, SCALLOPED

Heavy model periosteal elevator, sharp tip, blunt sides.



Hargis

10 x 22 mm	180 mm / 7"	R60-268-18R
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OSTEOTOMES PTERYGOID

For use between the tuberosity of the maxilla and the pterygoid plates of the sphenoid bone, it minimizes any risk of damage to the buccal fat pad and the muciperiosteal flap during surgery.



Fig. 1
8mm



Fig. 2
10mm



Hargis

Fig. 1	220 mm / 8 3/4"	R60-275-08R
Fig. 2	220 mm / 8 3/4"	R60-275-10R

OSTEOTOMES SAGITTAL SPLIT (SSO)

For sagittal split osteotomy, its wide and taper blades reduce the frequency of accidental fractures of buccal plate and there is no need of using two osteotomes simultaneously.



Fig. 1
10 x 20 mm



Fig. 2
20 x 14 mm



Hargis

Fig.1	215 mm / 8 1/2"	R60-277-10R
Fig.2	215 mm / 8 1/2"	R60-277-20R

RETRACTOR LIP AND CHEEK

For wide exposure of oral operative sites, this retractor effectively protects commissures of the lip from trauma.



Hargis

180 mm / 7"

R60-281-18R

RETRACTOR MANDIBULAR BODY

For making the vertical cut of the mid-sagittal osteotomy, it distends the cheek, protects the facial artery and vein, supports the mandible as the osteotomes are struck with a mallet and permits an adequate cut of the inferior border of the mandible.



Hargis

175 mm / 6 7/8"

F60-283-17R

RETRACTORS MEDIAL RAMUS

For protecting major blood vessels and soft tissue, this retractor allows easy insertion, adequate access and visibility of the osteotomy site.

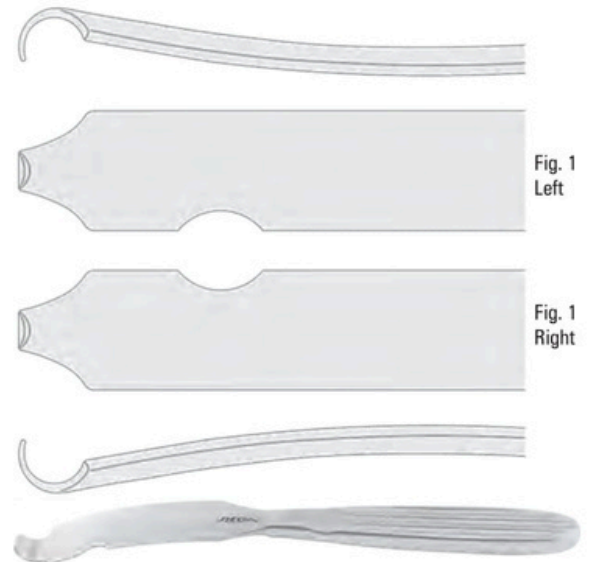


Fig. 1
Left

Fig. 1
Right

Hargis

Fig. 1 195 mm / 7 3/4" R60-285-01R

Fig. 1 195 mm / 7 3/4" R60-285-02R

RETRACTOR PIRIFORM RIM

For positive engaging of the lateral aspect of the rim of the piriform fossa of the nose, it protects posterior buccal soft tissues and nasal mucosa during and after operation.



Hargis

185 mm / 7 1/4"

R60-287-18R

■ STRIPPER ANTERIOR BORDER

For stripping off firm periosteal attachment along the anterior border of the ascending ramus of the mandible, its V-shaped tip will work rapidly yet safely. The angled blade facilitates a clear view of the site and large handle provides a good grip and control.



Hargis

10 mm	190 mm / 7 1/2"	R60-291-19R
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■ STRIPPERS PTERYGOMASSETERIC SLING

For safe detachment of the pterygomasseteric sling from mandible, its handle provides firm grip necessary to apply strong yet controlled force.



Fig. 1L
6.5 mm
Left



Fig. 2L
9 mm
Left



Fig. 2R
9 mm
Right



Fig. 1R
6.5 mm
Right



Hargis

Fig. 1L	230 mm / 9"	R60-293-06R
Fig. 2L	230 mm / 9"	R60-293-09R
Fig. 1R	230 mm / 9"	R60-295-06R
Fig. 2R	230 mm / 9"	R60-295-09R

R60

KREKMANOV
INSTRUMENTS



The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Krekmanov.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

DISSECTOR PERIOSTEAL

For dissection of nasal floor, it can also be placed under nasal mucosa to prevent undue trauma during osteotomy.



Krekmanov

4 / 9 mm 240 mm / 9 1/2" R60-351-24R

DISSECTOR PERIOSTEAL

For easy dissection of the medial pterygoid muscle attachment, it is suitable for simultaneous dissection of masseter muscle in the case of inferior repositioning of the maxilla.



Krekmanov

3 mm 220 mm / 8 3/4" R60-353-22R

ELEVATOR PERIOSTEAL GROOVED

For placing in the periosteal pocket with its curved tip behind the lingua and the rest of grooved blade to keep the periosteal sac open.



Krekmanov

9 mm 200 mm / 8" R60-355-20R

ELEVATORS PERIOSTEAL

For subperiosteal dissection from the pterygoid junction in the tube area to the anterior nasal spine.



Fig. 1
5 mm



Fig. 2
5 mm



Fig. 3
5 mm



Krekmanov

Fig. 1	170 mm / 6 3/4"	R60-356-01R
Fig. 2	170 mm / 6 3/4"	R60-356-02R
Fig. 3	170 mm / 6 3/4"	R60-356-03R

GUARDS / PROTECTORS SOFT TISSUE

For protection of neuro vascular bundle from oscillating saw during reduction of posterior part of the tuber.



Fig. 1
Left



Fig. 2
Right



Krekmanov

Fig. 1	170 mm / 6 3/4"	R60-359-01R
Fig. 2	170 mm / 6 3/4"	R60-359-02R

■ GUARDS / PROTECTORS SOFT TISSUE

For protection of soft tissue from oscillating saw on posterior-inferior surface of the tuber area.



Krekmanov

Fig.1	170 mm / 6 3/4"	R60-361-01R
Fig.2	170 mm / 6 3/4"	R60-361-02R

■ MALLET SLOTTED

For use with Krekmanov osteotomes, its slotted head will serve to remove an impacted osteotome. May also used as a conventional mallet. Fully autoclavable.



Krekmanov

25 mm Ø	190 mm / 7 1/2"	R60-366-19R
Spare plastic disks (pair)		R60-366-99R

■ MOBILIZERS MANDIBULAR SEGMENTAL

Mandibular segmental mobilizers instructions for use:

Step 1

The cortical layer is cut in accordance with treatment plan.

Step 2

A segmental mobilizer is placed in the anterior vertical cut and another in horizontal cut below the alveolar margin.

To separate the segments, these are bended away from each other by applying simultaneous force on the two mobilizers.

Step 3

The distal segment is separated from the proximal one.



Krekmanov

Fig. 1	170 mm / 6 3/4"	R60-368-01R
Fig. 2	170 mm / 6 3/4"	R60-368-02R
Fig. 3	170 mm / 6 3/4"	R60-368-03R
Fig. 4	170 mm / 6 3/4"	R60-368-04R

■ OSTEOTOMES NASAL AND TUBERAL

For complete separation of the maxillary segment without reciprocating saw.

Fig. 1
The straight double guarded osteotome is designed for separating the nasal septum.

Fig. 2
The straight single guarded osteotome is used to separate the lateral nose wall.

Fig. 3
The curved osteotome is used for osteotomy of the tuberal part of sinus wall. The vertical knob guides the instruments along the sinus wall.



Fig. 1



Fig. 2



Fig.3

Krekmanov

Fig. 1	170 mm / 6 3/4"	R60-370-01R
Fig. 2	170 mm / 6 3/4"	R60-370-02R
Fig. 3	170 mm / 6 3/4"	R60-370-03R

■ SAW GUIDES

For straight and symmetrical ramus osteotomies bilaterally in intraoral approach.



Fig. 1
Left



Fig. 2
Right

Krekmanov

Fig. 1	240 mm / 9 1/2"	R60-375-01R
Fig. 2	240 mm / 9 1/2"	R60-375-02R

■ RETRACTORS PALATE

For inserting into the mucoperiosteal palatal pocket to protect palatal mucosa and vessels to ensure sufficient blood supply during transpalatal osteotomy.



Fig. 1
Left



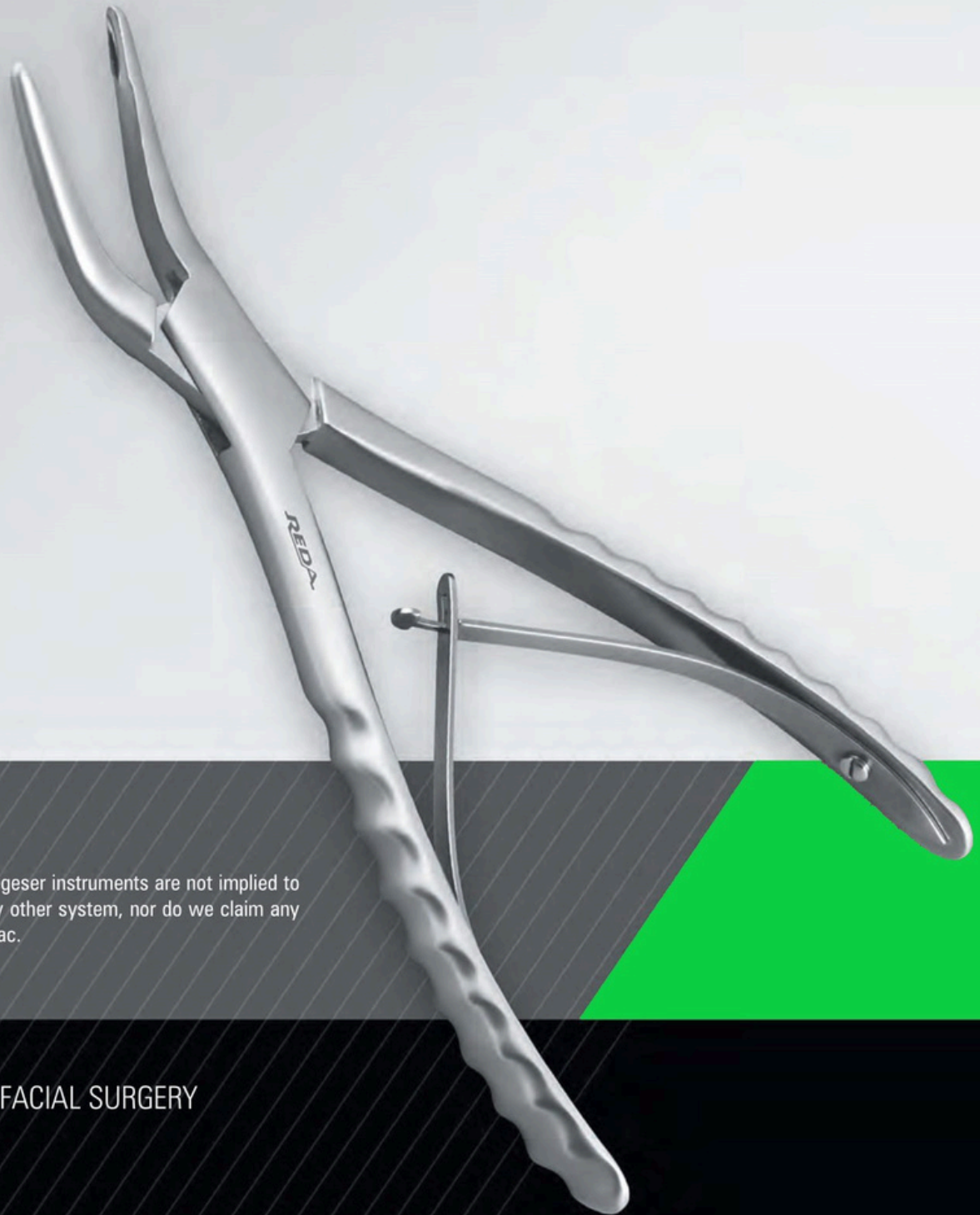
Fig. 2
Right

Krekmanov

Fig. 1	100 mm / 4"	R60-373-01R
Fig. 2	100 mm / 4"	R60-373-02R

R60

MARCHAC
INSTRUMENTS



The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Marchac.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

■ CALIPER



Marchac

0-80 mm	120 mm / 4 3/4"	R60-400-12R
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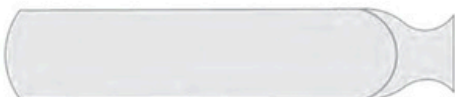
■ ELEVATORS PERIOSTEAL MULTIPURPOSE



Marchac

2.0 mm	170 mm / 6 3/4"	R60-409-01R
3.5 mm	170 mm / 6 3/4"	R60-409-02R
5.0 mm	170 mm / 6 3/4"	R60-409-03R

■ ELEVATORS PERIOSTEAL MULTIPURPOSE



Marchac

7.5 mm	160 mm / 6 1/4"	R60-411-01R
12.0 mm	160 mm / 6 1/4"	R60-411-02R

■ FORCEPS BONE CONTOURING

For bending ribs, iliac and calvarial grafts to proper curvature, the angulation of the blades facilitates handling and allows a better view of the graft when carving. Smaller size is for pediatric craniofacial surgery.



Marchac

11 mm	180 mm / 7"	R60-415-18R
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■ FORCEPS BONE CONTOURING



Marchac

6.5 mm	180 mm / 7"	R60-417-18R
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■ FORCEPS BONE HOLDING ATRAUMATIC



Marchac

175 mm / 6 7/8"

R60-419-17R

■ FORCEPS BONE SPREADING

For pediatric surgery to widening bone clefts, the tapered blades of the spreader can be introduced into narrow gaps and a longitudinal serration of the surface prevents the working ends from slipping.



Marchac

7 mm

170 mm / 6 3/4"

R60-421-17R

■ HOOK BONE



Marchac

190 mm / 7 1/2"

R60-429-19R

■ OSTEOTOMES MULTIPURPOSE



Marchac

Straight

Curved

4 mm 185 mm / 7 1/4"

R60-436-04R

-

6 mm 185 mm / 7 1/4"

R60-436-06R

R60-437-06R

8 mm 185 mm / 7 1/4"

R60-436-08R

-

PROTECTORS DURA



Marchac

Less curved	130 mm / 5 1/8"	R60-441-01R
More curved	135 mm / 5 3/4"	R60-441-02R

PROTECTOR DURA STRAIGHT GRADUATED



Marchac

180 mm / 7"	R60-442-18R
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PROTECTOR DURA T-SHAPE GRADUATED



Marchac

115 mm / 4 1/2"	R60-443-11R
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PROTECTOR DURA, FILE

File for smoothing damaged dura protectors.



Marchac

160 mm / 6 1/4"	R60-446-16R
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RONGEUR BONE NIBBLING

For the removal of bone from deep cavities, the rongeur has very strong jaws. The angulation of the jaws provides a clear view into the depth.



Marchac

180 mm / 7"	R60-449-18R
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TEMPLATES FRONTAL

For selecting a piece of bone on the cranial vault of suitable shape to replace a distorted forehead, the selected piece of bone is marked with ink around the frontal model prior to repositioning it.



Marchac

Small: infants and babies	R60-453-01R
Large: children and adults	R60-453-02R

TEMPLATE SUPRAORBITAL BAR MODEL



Marchac

1.9 mm	160 mm / 6 1/4"	R60-455-16R
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R60

OBWEGESER
INSTRUMENTS



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INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

■ AWLS MANDIBULAR

For placement of circummandibular wires or sutures to manage trauma or carrying out preprosthetic surgery. Awls are pointed but blunt to prevent piercing of vessels.



Obwegeser

Less curved	145 mm / 5 3/4"	R60-511-01R
More curved	140 mm / 5 1/2"	R60-511-02R



Obwegeser

Less curved	150 mm / 6"	R60-513-01R
More curved	175 mm / 6 7/8"	R60-513-02R

■ AWLS MAXILLARY

For placement of alveolar or per-nasal wires or sutures in toothless maxilla to hold splints in either preprosthetic surgery or management of trauma.



Obwegeser

Less curved	180 mm / 7"	R60-517-01R
More curved	180 mm / 7"	R60-517-02R

■ AWLS ZYGOMATIC ARCH

For passing wires around the zygomatic arch in controlling the mandible and maxillary suspension procedure.



Obwegeser

Less curved	230 mm / 9"	R60-519-01R
More curved	245 mm / 9 3/4"	R60-519-02R

■ CLAMPS RAMUS

For sagittal splitting or decortication of lower jaw in osteomyelitis. These self-retaining clamps have cheek retractor on one of the blades to keep lingual soft tissue away from ascending ramus of mandible. Available with narrow or wide cheek retractors.



Obwegeser

Left narrow	170 mm / 6 3/4"	R60-531-01R
Right narrow	170 mm / 6 3/4"	R60-531-02R



Obwegeser

Left wide	170 mm / 6 3/4"	R60-533-01R
Right wide	170 mm / 6 3/4"	R60-533-02R

■ CLAMP RIB ATRAUMATIC

For firmly pressing together layered split ribs. A hole can be drilled through the slot of the clamp for suture wire.



Obwegeser

120 mm / 4 3/4"	R60-540-12R
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CUTTERS WIRE

Maximum cutting capacity: 0.3 mm soft wire

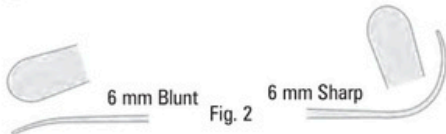
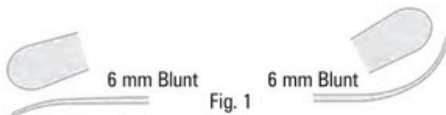


Obwegeser

120 mm / 4 3/4"	R60-560-12R
165 mm / 6 1/2"	R60-560-16R

ELEVATORS PERIOSTEAL

For dissection of soft tissues.

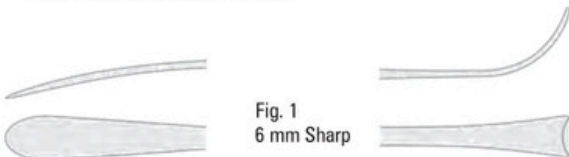


Obwegeser

Fig. 1	210 mm / 8 1/4"	R60-565-01R
Fig. 2	210 mm / 8 1/4"	R60-565-02R

ELEVATORS PERIOSTEAL

For dissection of soft tissues.



Obwegeser

Fig. 1	210 mm / 8 1/4"	R60-567-01R
Fig. 2	210 mm / 8 1/4"	R60-567-02R

ELEVATORS PERIOSTEAL MULTI PURPOSE

For stripping periosteum from mandible, cranium vault and other bone surfaces, the tips are sharp with beveled edge.



Obwegeser

6 mm	180 mm / 7"	R60-571-06R
7 mm	180 mm / 7"	R60-571-07R
9 mm	180 mm / 7"	R60-571-09R
11 mm	180 mm / 7"	R60-571-11R

ELEVATORS PERIOSTEAL MULTI PURPOSE

For stripping tightly adherent periosteum and removal of epicranium, the tips are flat with sharp edges.



Obwegeser

4 mm	180 mm / 7"	R60-575-04R
6 mm	180 mm / 7"	R60-575-06R
7 mm	180 mm / 7"	R60-575-07R
8 mm	180 mm / 7"	R60-575-08R
9 mm	180 mm / 7"	R60-575-09R
11 mm	180 mm / 7"	R60-575-11R



Obwegeser

4 mm	180 mm / 7"	R60-577-04R
6 mm	180 mm / 7"	R60-577-06R
7 mm	180 mm / 7"	R60-577-07R
8 mm	180 mm / 7"	R60-577-08R
9 mm	180 mm / 7"	R60-577-09R
11 mm	180 mm / 7"	R60-577-11R

■ ELEVATORS PERIOSTEAL MULTI PURPOSE ' J STRIPPER '

For stripping periosteum wherever bone is curved e.g. posterior and inferior borders of mandible and chin, sharp tips.



Obwegeser

5 mm	205 mm / 8 1/8"	R60-583-05R
7 mm	205 mm / 8 1/8"	R60-583-07R
8 mm	205 mm / 8 1/8"	R60-583-08R
9 mm	205 mm / 8 1/8"	R60-583-09R



Obwegeser

5 mm	205 mm / 8 1/8"	R60-585-05R
7 mm	205 mm / 8 1/8"	R60-585-07R
8 mm	205 mm / 8 1/8"	R60-585-08R
9 mm	205 mm / 8 1/8"	R60-585-09R

■ ELEVATORS PERIOSTEAL / STRIPPERS MANDIBULAR

For stripping periosteal from inferior border of mandible without danger of injury to mental nerve, bent to left and right with sharp flat edges.

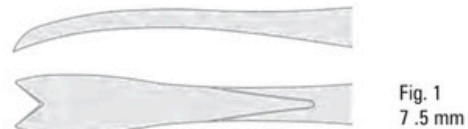


Obwegeser

Fig. 1	180 mm / 7"	R60-591-01R
Fig. 2	180 mm / 7"	R60-591-02R

■ ELEVATORS PERIOSTEAL / STRIPPERS RAMUS 'SWALLOWTAIL'

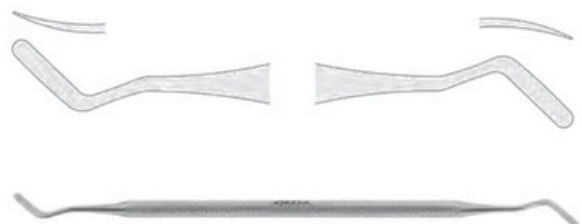
For stripping the soft tissue from the anterior aspect of the ascending ramus of the mandible or for holding to provide clear view of the trauma site or in repositioning the ramus in orthognathic surgery. V-shaped, slightly curved with sharp edges.



Obwegeser

Fig. 1	175 mm / 6 7/8"	R60-595-01R
Fig. 2	175 mm / 6 7/8"	R60-595-02R
Fig. 3	175 mm / 6 7/8"	R60-595-03R
Fig. 4	175 mm / 6 7/8"	R60-595-04R

■ EXCAVATOR DOUBLE ENDED SHARP



Obwegeser

3 mm	175 mm / 6 7/8"	R60-611-01R
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■ FORCEPS FRAGMENT ADAPTING ATRAUMATIC

For alignment of bone fragments in the desired position, facilitating fixation of fragments in sagittal splitting in a slightly opened position so that shifting of the maxillary condyle in the joint can be prevented. The clamp is placed from above and is available for left or right sides.

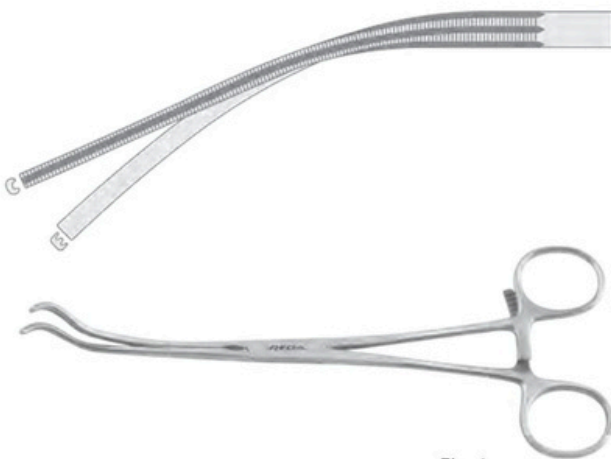


Fig. 1
Left



Fig. 2
Right

Obwegeser

Fig. 1	210 mm / 8 1/4"	R60-651-01R
Fig. 2	210 mm / 8 1/4"	R60-651-02R

■ FORCEPS FRAGMENT ADAPTING ATRAUMATIC



Fig. 1
Left



Fig. 2
Right

Obwegeser

Fig. 1	195 mm / 7 3/4"	R60-655-01R
Fig. 2	195 mm / 7 3/4"	R60-655-02R

■ FORCEPS SUTURE KNOTTING TC

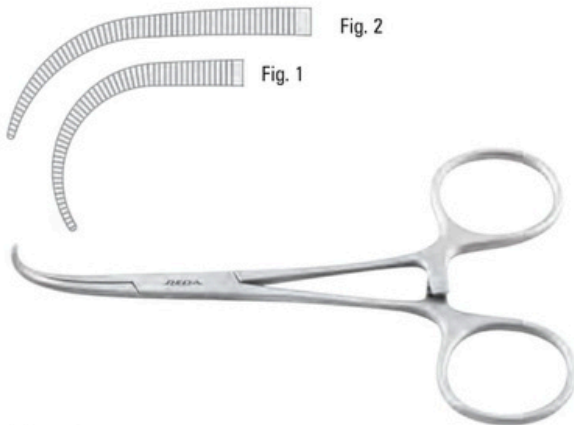


Obwegeser

160 mm / 6 1/4"	R60-664-16R
185 mm / 7 1/4"	R60-664-18R
200 mm / 8"	R60-664-20R

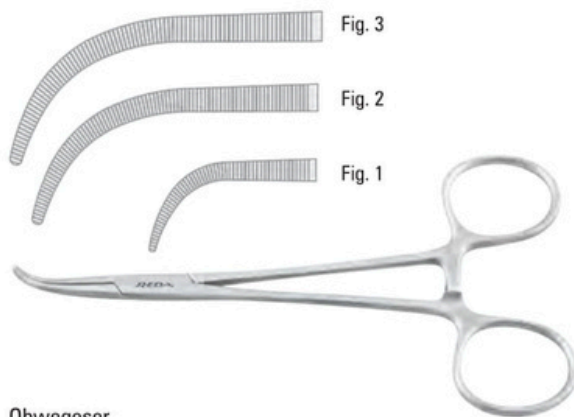
■ FORCEPS WIRE GRASPING, DELICATE

For grasping of wires or sutures during the intraoral fixation of fracture of the condylar neck.



Obwegeser		
Fig. 1	130 mm / 5 1/8"	R60-671-13R
Fig. 2	160 mm / 6 1/4"	R60-671-16R

■ FORCEPS WIRE GRASPING, STANDARD



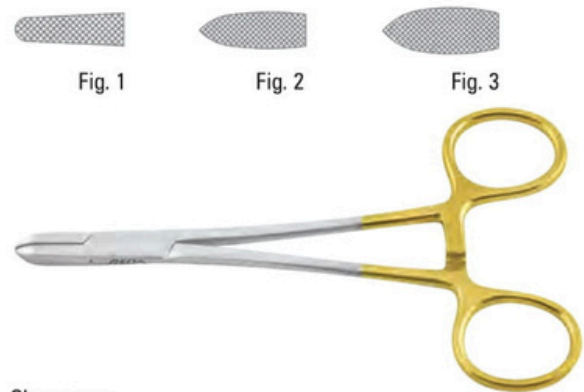
Obwegeser		
Fig. 1	130 mm / 5 1/8"	R60-673-13R
Fig. 2	180 mm / 7"	R60-673-18R
Fig. 3	205 mm / 8 1/8"	R60-673-20R

■ FORCEPS WIRE LOOP FORMING TC



Obwegeser		
	150 mm / 6"	R60-680-15R

■ FORCEPS WIRE TWISTING TC



Obwegeser		
Fig. 1	135 mm / 5 3/8"	R60-684-01R
Fig. 2	140 mm / 5 1/2"	R60-684-02R
Fig. 3	140 mm / 5 1/2"	R60-684-03R

■ MOBILIZER MAXILLA

For distracting maxilla in Le Fort osteotomies after making all bony cuts.



Obwegeser		
12 mm	230 mm / 9"	R60-701-12R

■ MOUTH GAG

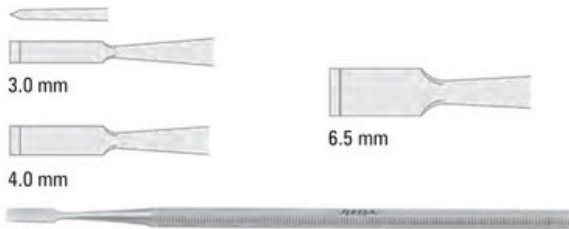
For very slow and parallel opening of mouth, it exerts less pressure on the teeth area than any conventional mouth gag.



Obwegeser		
Parallel Action	110 mm / 4 3/8"	R60-720-11R

■ OSTEOTOMES INTERDENTAL BI-BEVELED

For the alveolar osteotomy between two teeth, a groove should be placed in the overlying bone first and then the osteotome carefully malleted through the interdental space and alveolar bone. The design reduces danger of injury to the roots of the teeth.

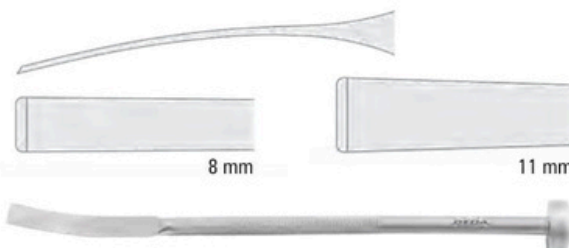


Obwegeser

3.0 mm	155 mm / 6 1/8"	R60-752-03R
4.0 mm	155 mm / 6 1/8"	R60-752-04R
6.5 mm	155 mm / 6 1/8"	R60-752-06R

■ OSTEOTOMES MULTI PURPOSE FLEXIBLE

For a variety of applications: in separating the connection between the maxillary tuberosity and the pterygoid process, to avoid fracturing the latter, or for removal of parts of the external tabula, etc.

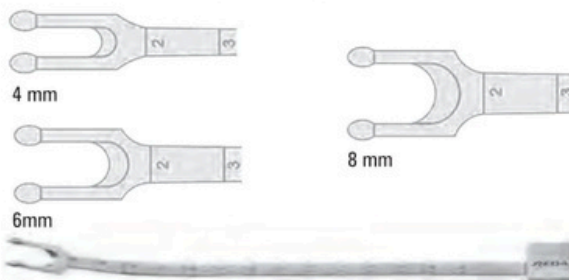


Obwegeser

8 mm	210 mm / 8 1/4"	R60-755-08R
11 mm	210 mm / 8 1/4"	R60-755-11R

■ OSTEOTOMES NASAL SEPTUM

For dividing the nasal septum from its attachment to the roof of the palate, the guarded ends reduce danger of nasal mucocele lacerations. Graduated at 10mm intervals.

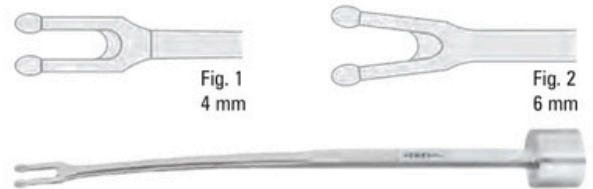


Obwegeser

4 mm	185 mm / 7 1/4"	R60-761-04R
6 mm	185 mm / 7 1/4"	R60-761-06R
8 mm	185 mm / 7 1/4"	R60-761-08R

■ OSTEOTOMES NASAL SEPTUM

For dividing the nasal septum from its attachment to the roof of the palate, the guarded ends reduce danger of nasal mucocele lacerations.

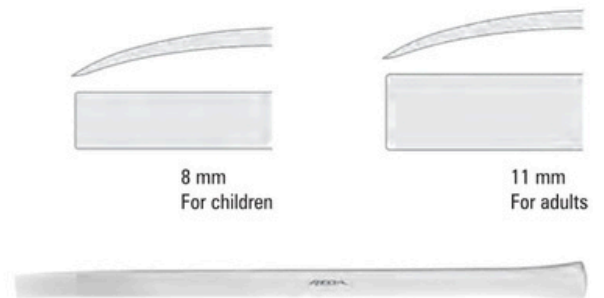


Obwegeser

Fig. 1	185 mm / 7 1/4"	R60-763-01R
Fig. 2	185 mm / 7 1/4"	R60-763-02R

■ OSTEOTOMES PTERYGOID (PTERYGOMAXILLARY RELEASE)

For osteotomy between pterygoid plates and maxillary tuberosity. Narrow tips and shanks, less curved.



Obwegeser

8 mm	235 mm / 9 1/4"	R60-767-08R
11 mm	235 mm / 9 1/4"	R60-767-11R

■ OSTEOTOMES PTERYGOID (PTERYGOMAXILLARY RELEASE)

Wide working end, strongly curved

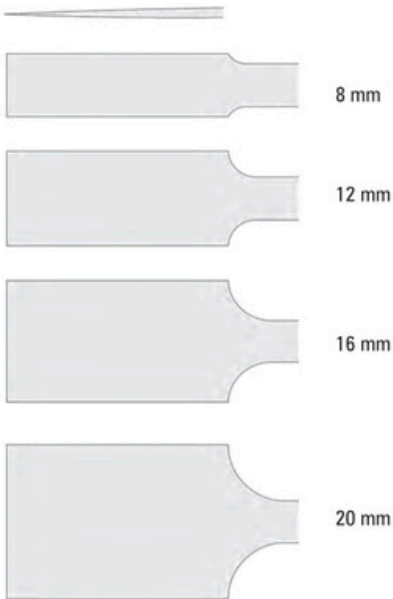


Obwegeser

11 mm	235 mm / 9 1/4"	R60-769-11R
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■ OSTEOTOMES SAGITTAL SPLIT OSTEOTOMY (SSO)

For a variety of applications, these very thin osteotomes are placed just beneath the external cortical plate of the mandible and easier to guide through the medullary bone. It will reduce or avoid unfavourable splits as well as reducing the incidents of mandibular nerve injury.



Obwegeser

8 mm	220 mm / 8 3/4"	R60-772-08R
12 mm	220 mm / 8 3/4"	R60-772-12R
16 mm	220 mm / 8 3/4"	R60-772-16R
20 mm	220 mm / 8 3/4"	R60-772-20R

■ OSTEOTOME SAGITTAL SPLIT OSTEOTOMY (SSO)

For torquing and dividing proximal and distal segments in sagittal split osteotomy placed below the neurovascular bundle. Keeps segments separated as split is completed and neurovascular bundle is sighted.

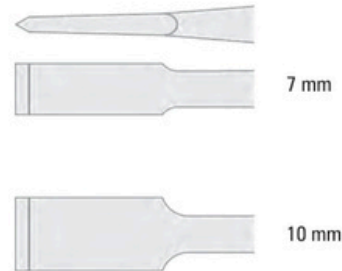


Obwegeser

200 mm / 8"	R60-744-10R
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■ OSTEOTOMES SAGITTAL SPLIT OSTEOTOMY (SSO)

For separating cortical plates along osteotomy pathway, the wide and taper blades reduce the necessity of using two osteotomes simultaneously. Also reduce the possibility of accidental fractures of the buccal plate.

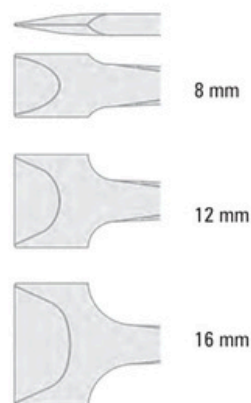


Obwegeser

7 mm	220 mm / 8 3/4"	R60-776-07R
10 mm	220 mm / 8 3/4"	R60-776-10R

■ OSTEOTOME SAGITTAL SPLIT OSTEOTOMY (SSO)

For use in the sagittal split procedure to pry the osteomized ramus. The short wedge blades reduce the risk of damage to the mandibular nerve.



Obwegeser

8 mm	220 mm / 8 3/4"	R60-780-08R
12 mm	220 mm / 8 3/4"	R60-780-12R
16 mm	220 mm / 8 3/4"	R60-780-16R

■ PLIERS WIRE TWISTING FLAT NOSE WITH GROOVE

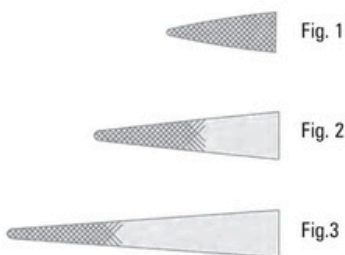


Obwegeser

130 mm / 5 1/8"

R60-800-13R

■ PLIERS WIRE TWISTING NEEDLE NOSE



Obwegeser

Fig. 1	125 mm / 5"	R60-806-01R
Fig. 2	135 mm / 5 3/8"	R60-806-02R
Fig. 3	150 mm / 6"	R60-806-03R

■ PLIERS WIRE TWISTING NEEDLE NOSE



Obwegeser

200 mm / 8"

R60-808-20R

■ PUNCHES NASAL SADDLE

For reducing the angle between the nose and the forehead, the saddle punch will cautiously remove small pieces of bone.



4 mm



6 mm



8 mm



Obwegeser

4 mm	205 mm / 8 1/8"	R60-821-04R
6 mm	205 mm / 8 1/8"	R60-821-06R
8 mm	205 mm / 8 1/8"	R60-821-08R

■ RASPATORIES RIB



Obwegeser

Left	300 mm / 11 7/8"	R60-841-01R
Right	300 mm / 11 7/8"	R60-841-02R

■ RETRACTORS CHANNEL

For protection of soft tissue and neurovascular bundle during sagittal split of the mandible. Useful for retracting and improving view of the surgical site in the mandibular neurovascular bundle decompression procedure. The narrow channel retractor is used over the lingual aspect of the mandible and the wider one for buccal osteotomy and removal



Obwegeser - Model 1

8 mm	165 mm / 6 1/2"	R60-851-08R
10 mm	165 mm / 6 1/2"	R60-851-10R



Obwegeser - Model 2

8 mm	160 mm / 6 1/4"	R60-853-08R
10 mm	160 mm / 6 1/4"	R60-853-10R

RETRACTOR CHEEK AND LIP

For retraction of soft tissue of cheek and lip, its Z-shape is convenient and practical for the job.



Obwegeser

30 x 40 mm	120 mm / 4 3/4"	R60-861-12R
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RETRACTORS CHEEK

For retraction and protection of cheek during osteosynthesis by plates and screws, the concave blade minimizes traumatizing of soft tissue. The perfacial instrument is pushed through the slit blade.



Obwegeser

60 x 14 mm	160 mm / 6 1/4"	R60-867-14R
60 x 22 mm	160 mm / 6 1/4"	R60-867-22R
75 x 14 mm	160 mm / 6 1/4"	R60-869-14R
75 x 22 mm	160 mm / 6 1/4"	R60-869-22R

RETRACTORS CHIN

For placement under the chin to stabilize bone and retract soft tissues in genioplasty/mentoplasty or other surgery in the anterior part of lower jaw. The blade is malleable and can be bent correspondingly to the position of the head.

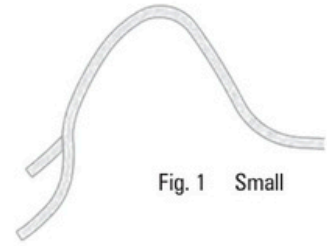


Fig. 1 Small

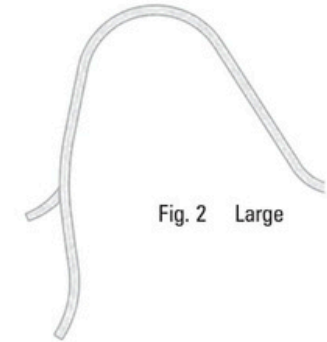


Fig. 2 Large

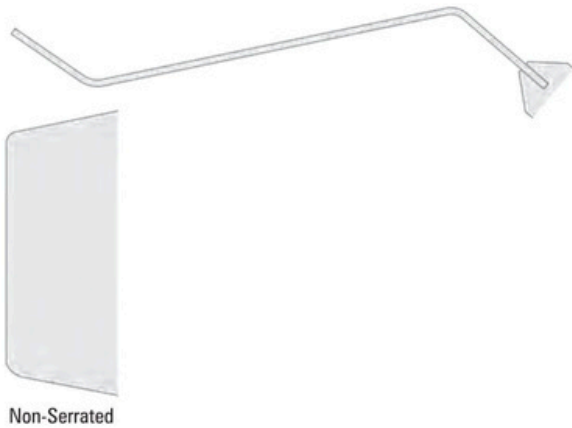


Obwegeser

Fig. 1	160 mm / 6 1/4"	R60-875-01R
Fig. 2	160 mm / 6 1/4"	R60-875-02R

RETRACTORS ILIAC CREST

For exposure of the iliac crest, available with plain or serrated blades.



Obwegeser - Non-Serrated

60 x 30/60 mm	220 mm / 8 3/4"	R60-885-60R
80 x 30/60 mm	220 mm / 8 3/4"	R60-885-80R

Obwegeser - Serrated

60 x 30/60 mm	220 mm / 8 3/4"	R60-887-60R
80 x 30/60 mm	220 mm / 8 3/4"	R60-887-80R

RETRACTORS MANDIBULAR

For holding the tissue away from the inferior mandibular border, short stem.



Obwegeser

30 x 9/12 mm	170 mm / 6 3/4"	R60-893-30R
45 x 9/12 mm	170 mm / 6 3/4"	R60-893-45R
60 x 9/12 mm	170 mm / 6 3/4"	R60-893-60R

RETRACTORS MANDIBULAR

For holding the tissue away from the inferior mandibular border, long stem.

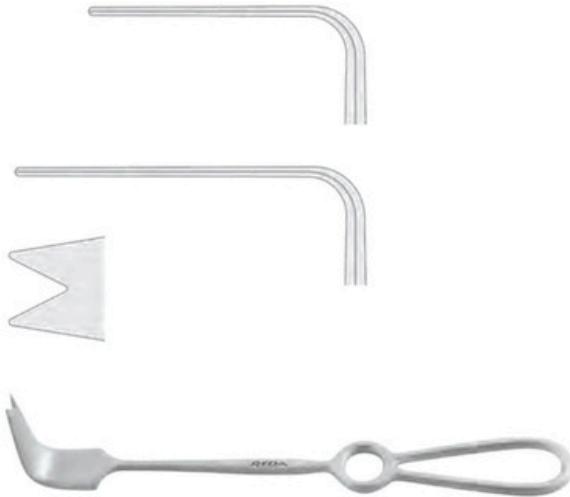


Obwegeser

30 x 9/12 mm	210 mm / 8 1/4"	R60-895-30R
45 x 9/12 mm	210 mm / 8 1/4"	R60-895-45R
60 x 9/12 mm	210 mm / 8 1/4"	R60-895-60R

RETRACTOR NASAL SPINE

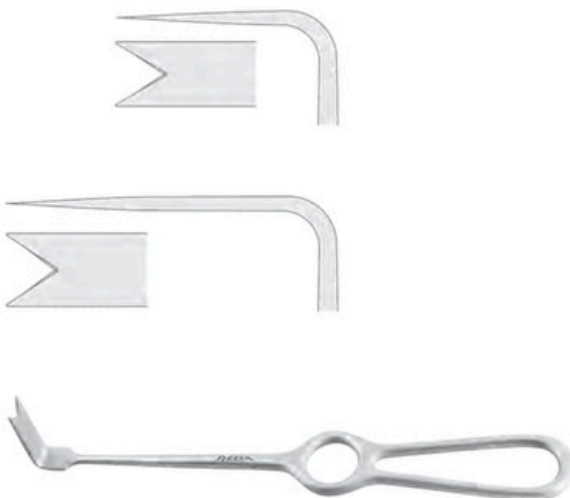
For retraction of soft tissue over the nasal spine to perform osteotomy of maxilla or pre-prosthetic surgery. The concave blade minimizes trauma to lip.



Obwegeser

35 x 10/23 mm	220 mm / 8 3/4"	R60-905-35R
45 x 10/23 mm	220 mm / 8 3/4"	R60-905-45R

RETRACTORS NASAL SPINE



Obwegeser

28 x 8 mm	220 mm / 8 3/4"	R60-908-28R
42 x 10 mm	220 mm / 8 3/4"	R60-908-42R

RETRACTORS RAMUS

For retraction of soft tissue from the anterior aspect of ascending ramus of the mandible, its concave blade minimizes trauma to lip.



Obwegeser

70 x 11/15 mm	170 mm / 6 3/4"	R60-915-15R
70 x 12/22 mm	170 mm / 6 3/4"	R60-915-22R

RETRACTORS RAMUS



Obwegeser

75 x 11/15 mm	220 mm / 8 3/4"	R60-917-15R
75 x 12/22 mm	220 mm / 8 3/4"	R60-917-22R

RETRACTOR RAMUS



Obwegeser

70 x 11 mm	220 mm / 8 3/4"	R60-919-22R
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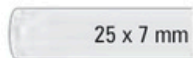
RETRACTORS SOFT TISSUE

Bent downward, concave blades, short.

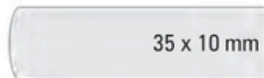
The concave blade minimizes traumatization of soft tissue and lips and the downward curved tip provides clear view.



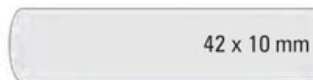
16 x 5 mm



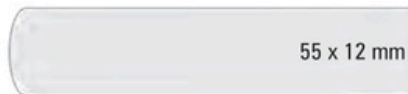
25 x 7 mm



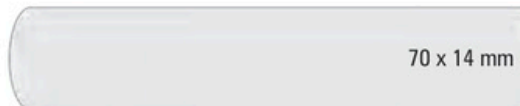
35 x 10 mm



42 x 10 mm



55 x 12 mm



70 x 14 mm



80 x 16 mm



Obwegeser

16 x 5 mm	170 mm / 6 3/4"	R60-931-16R
25 x 7 mm	170 mm / 6 3/4"	R60-931-25R
35 x 10 mm	170 mm / 6 3/4"	R60-931-35R
42 x 10 mm	170 mm / 6 3/4"	R60-931-42R
55 x 12 mm	170 mm / 6 3/4"	R60-931-55R
70 x 14 mm	170 mm / 6 3/4"	R60-931-70R
80 x 16 mm	170 mm / 6 3/4"	R60-931-80R

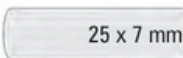
RETRACTORS SOFT TISSUE

Bent downward, concave blades, long.

The concave blade minimizes traumatization of soft tissue and lips and the downward curved tip provides clear view.



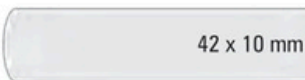
16 x 5 mm



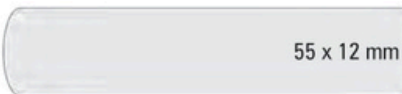
25 x 7 mm



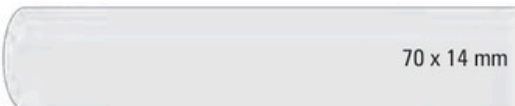
35 x 10 mm



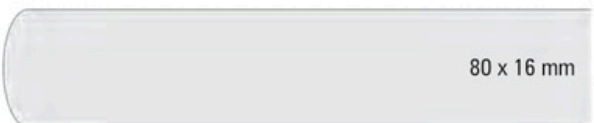
42 x 10 mm



55 x 12 mm



70 x 14 mm



80 x 16 mm



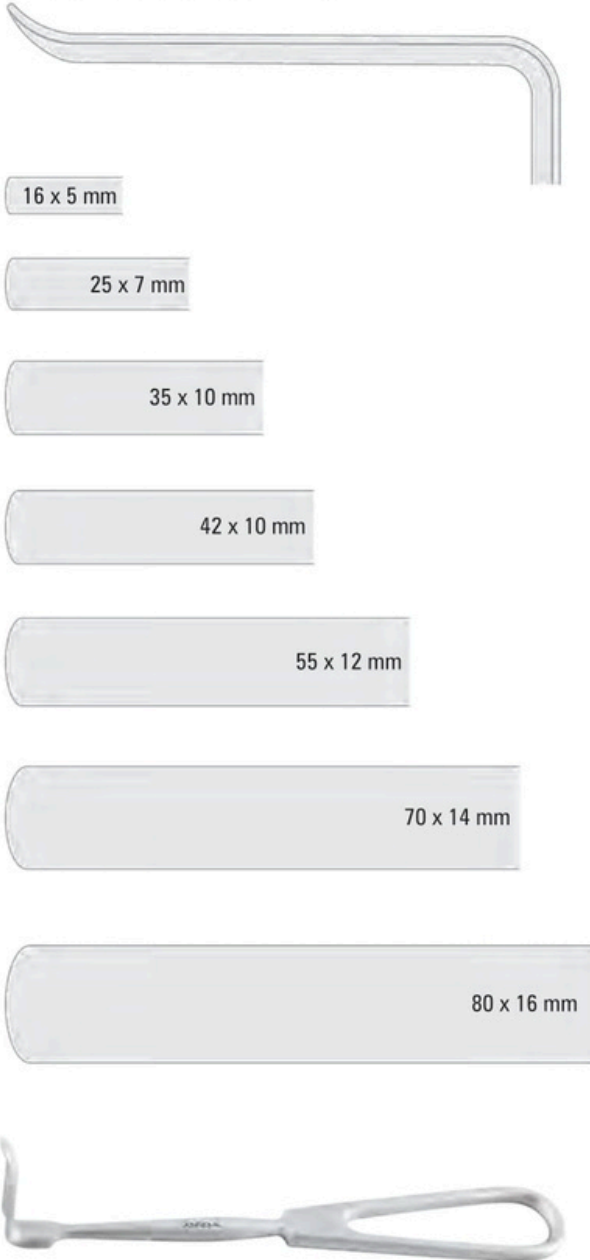
Obwegeser

16 x 5 mm	220 mm / 8 3/4"	R60-933-16R
25 x 7 mm	220 mm / 8 3/4"	R60-933-25R
35 x 10 mm	220 mm / 8 3/4"	R60-933-35R
42 x 10 mm	220 mm / 8 3/4"	R60-933-42R
55 x 12 mm	220 mm / 8 3/4"	R60-933-55R
70 x 14 mm	220 mm / 8 3/4"	R60-933-70R
80 x 16 mm	220 mm / 8 3/4"	R60-933-80R

■ RETRACTORS SOFT TISSUE

Bent upward, concave blades, short.

The concave blade and upward curved tip minimizes traumatization of soft tissue and lips.



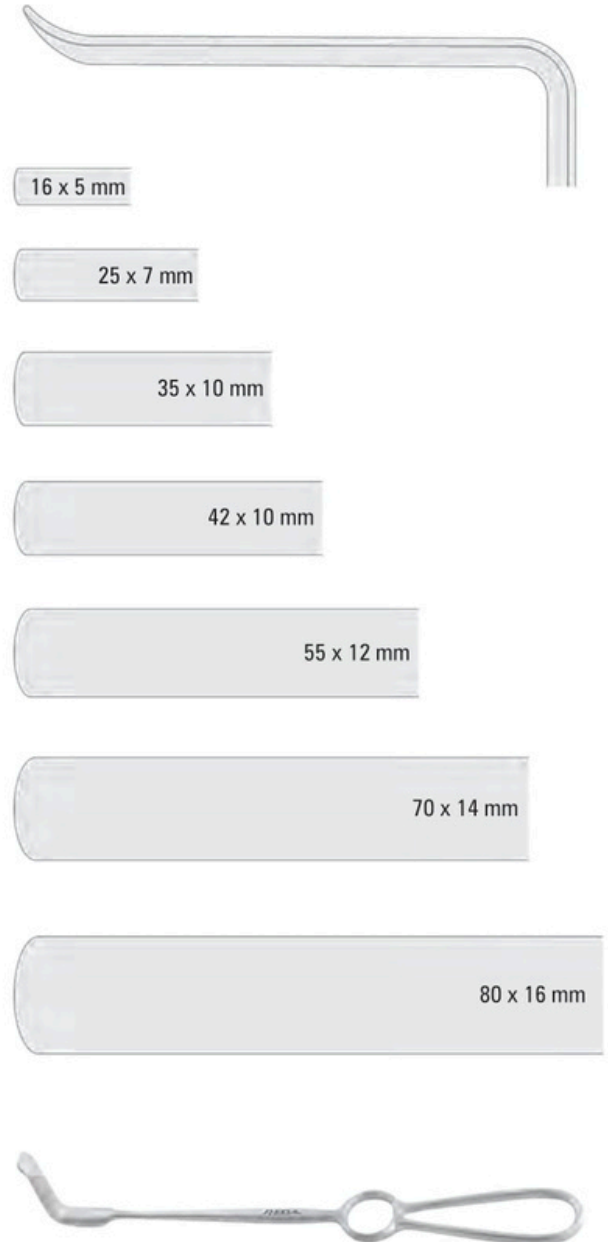
Obwegeser

16 x 5 mm	170 mm / 6 3/4"	R60-935-16R
25 x 7 mm	170 mm / 6 3/4"	R60-935-25R
35 x 10 mm	170 mm / 6 3/4"	R60-935-35R
42 x 10 mm	170 mm / 6 3/4"	R60-935-42R
55 x 12 mm	170 mm / 6 3/4"	R60-935-55R
70 x 14 mm	170 mm / 6 3/4"	R60-935-70R
80 x 16 mm	170 mm / 6 3/4"	R60-935-80R

■ RETRACTORS SOFT TISSUE

Bent upward, concave blades, long.

The concave blade and upward curved tip minimizes traumatization of soft tissue and lips.

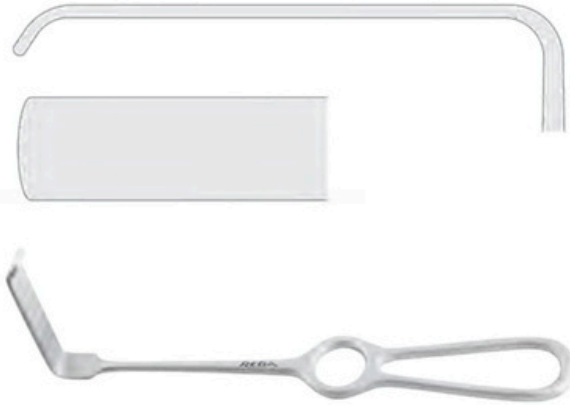


Obwegeser

16 x 5 mm	220 mm / 8 3/4"	R60-937-16R
25 x 7 mm	220 mm / 8 3/4"	R60-937-25R
35 x 10 mm	220 mm / 8 3/4"	R60-937-35R
42 x 10 mm	220 mm / 8 3/4"	R60-937-42R
55 x 12 mm	220 mm / 8 3/4"	R60-937-55R
70 x 14 mm	220 mm / 8 3/4"	R60-937-70R
80 x 16 mm	220 mm / 8 3/4"	R60-937-80R

■ RETRACTORS SOFT TISSUE

Bent downward, flat blades

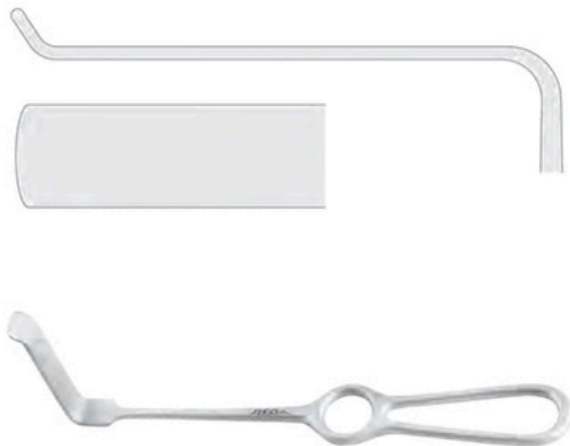


Obwegeser

16 x 5 mm	220 mm / 8 3/4"	R60-943-16R
25 x 7 mm	220 mm / 8 3/4"	R60-943-25R
35 x 10 mm	220 mm / 8 3/4"	R60-943-35R
42 x 10 mm	220 mm / 8 3/4"	R60-943-42R
55 x 12 mm	220 mm / 8 3/4"	R60-943-55R
70 x 14 mm	220 mm / 8 3/4"	R60-943-70R
80 x 16 mm	220 mm / 8 3/4"	R60-943-80R

■ RETRACTORS SOFT TISSUE

Bent upward, flat blades



Obwegeser

25 x 7 mm	220 mm / 8 3/4"	R60-945-25R
35 x 10 mm	220 mm / 8 3/4"	R60-945-35R
42 x 10 mm	220 mm / 8 3/4"	R60-945-42R
55 x 12 mm	220 mm / 8 3/4"	R60-945-55R
70 x 14 mm	220 mm / 8 3/4"	R60-945-70R
80 x 16 mm	220 mm / 8 3/4"	R60-945-80R

■ RETRACTOR SOFT TISSUE THIRD MOLAR, BLUNT NOTCH

For retraction of soft tissues during removal of lower wisdom teeth, the concave blade minimizes trauma to lip.



Obwegeser

75 x 15 / 22 mm	220 mm / 8"	R60-952-22R
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■ RETRACTOR SOFT TISSUE THIRD MOLAR, POINTED NOTCH SHORT

For retraction of soft tissues during removal of lower wisdom teeth, the concave blade minimizes trauma to lip.



Obwegeser

70 x 13 / 23 mm	170 mm / 6 3/4"	R60-954-17R
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■ RETRACTOR SOFT TISSUE THIRD MOLAR, POINTED NOTCH LONG

For retraction of soft tissues during removal of lower wisdom teeth, the concave blade minimizes trauma to lip.



Obwegeser

70 x 13 / 23 mm	220 mm / 8 3/4"	R60-956-22R
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■ SCISSORS NASAL RIDGE CUTTING, SERRATED



Straight



Less Curved



More Curved



Obwegeser

Straight	215 mm / 8 1/2"	R60-970-01R
Less curved	215 mm / 8 1/2"	R60-970-02R
More curved	215 mm / 8 1/2"	R60-970-03R

■ SCISSORS UNDERMINING



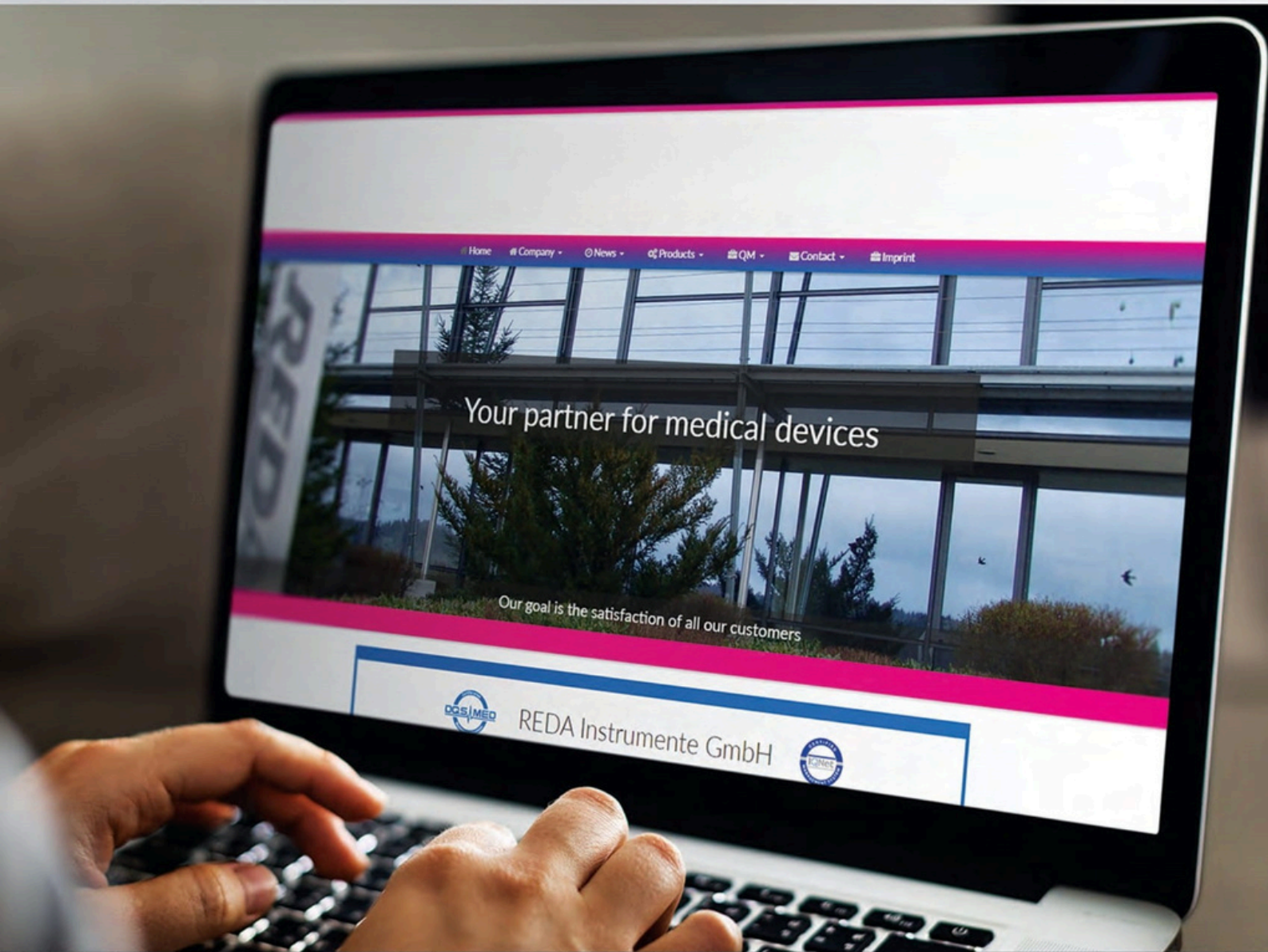
Obwegeser

180 mm / 7"	R60-977-18R
205 mm / 8 1/8"	R60-977-20R



INSTRUMENTE GMBH

FOR COMPLETE RANGE OF INSTRUMENTS



Your partner for medical devices

R62

ROWE
INSTRUMENTS



The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Rowe.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

AWLS CIRCUMFRENENTIAL WIRING



Fig. 1
Left



Fig. 2
Right

Rowe

Left	225 mm / 8 7/8"	R62-051-01R
Right	225 mm / 8 7/8"	R62-051-02R

AWLS ZYGOMATIC ARCH

For passing wires around the zygomatic arch in controlling the mandible and maxillary suspension procedures.



Rowe

255 mm / 10"	R62-053-01R
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AWL ZYGOMATIC ARCH WITH FINGER REST



Rowe

255 mm / 10"	R62-053-02R
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ELEVATORS ZYGOMATIC



Rowe

250 mm / 9 7/8"	R62-059-25R
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FORCEPS BONE HOLDING



Rowe-Harrison

185 mm / 7 1/4"	R62-065-18R
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FORCEPS MANDIBLE HOLDING

Modified handles remain clear of the neck tissues during application to the mandible. The groove in upper tip is for drilling of the bone, whilst the lower tip acts as a guard to prevent penetration of the soft tissues. Slot in tip of Fig. 2 forceps facilitates removal after wiring.



Fig. 1



Fig. 2

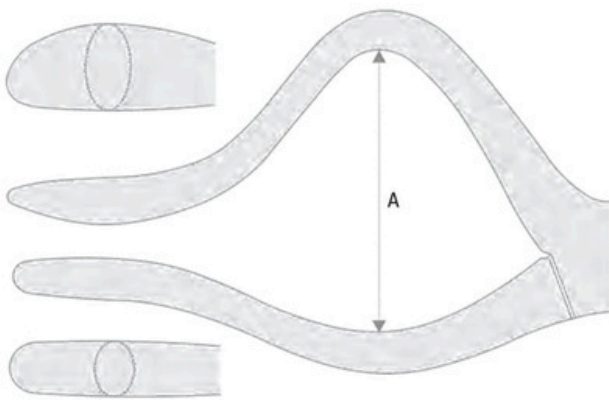


Rowe-Harrison

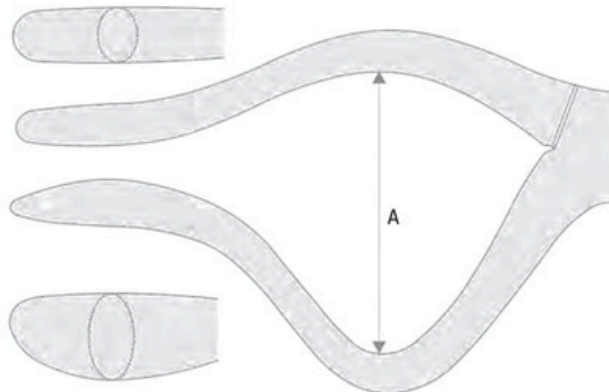
Fig. 1	200 mm / 8"	R62-069-01R
Fig. 2	200 mm / 8"	R62-069-02R

■ FORCEPS DISIMPACTION

For maxillary advancement in Le Fort I, II or III procedures. The forceps are side specific and used in pair. They allow the application of great amounts of force to disimpact and reposition the maxilla and midface. The maxillary fracture is completely mobilized and an attempt should be made to make the fragment as passive as possible. This may require an up-down and side-to-side movement of the forceps. Oral blade of forceps has large curvature to prevent damage to upper anterior dentition.



Left
 Fig. 1 **A mm** Small
 Fig. 2 30 mm Medium
 Fig. 3 40 mm Large



Right
 Fig. 1 **A mm** Small
 Fig. 2 30 mm Medium
 Fig. 3 40 mm Large

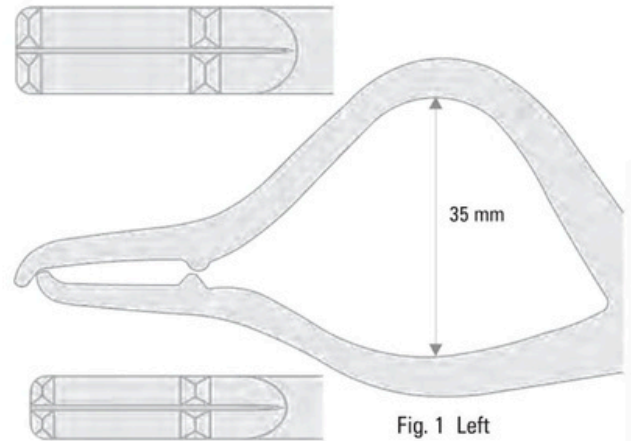


Fig. 1 Left

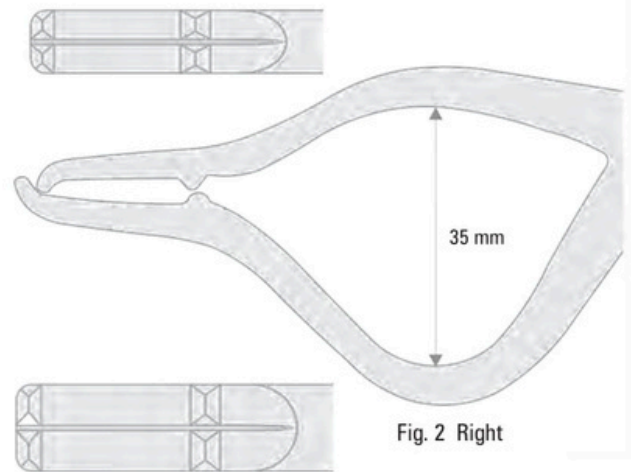


Fig. 2 Right



Rowe		Left	Right
Fig. 1	225 mm / 8 7/8"	R62-071-01R	R62-073-01R
Fig. 2	235 mm / 9 1/4"	R62-071-02R	R62-073-02R
Fig. 3	240 mm / 9 1/2"	R62-071-03R	R62-073-03R

Rowe-Epker		
Fig. 1	240 mm / 9 1/2"	R62-075-01R
Fig. 2	240 mm / 9 1/2"	R62-075-02R

■ HOOKS BOAT

For attaching rubber bands to splint, available in three different handles.



Fig. 1



Fig. 2



Fig. 3

Rowe

Fig. 1	150 mm / 6"	R62-089-01R
Fig. 2	160 mm / 6 1/4"	R62-089-02R
Fig. 3	175 mm / 6 7/8"	R62-089-03R

■ RETRACTORS BUCCAL FLAP



Fig. 1
Left



Fig. 2
Right

Rowe

Fig. 1	220 mm / 8 3/4"	R62-093-01R
Fig. 2	220 mm / 8 3/4"	R62-093-02R

■ RETRACTOR LABIAL FLAP MAXILLARY SERRATED



Rowe

Double Ended	150 mm / 6"	R62-095-15R
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■ RETRACTORS LINGUAL FLAP



Fig. 1
Left



Fig. 2
Right

Rowe

Fig. 1	250 mm / 9 7/8"	R62-097-01R
Fig. 2	250 mm / 9 7/8"	R62-097-02R

■ RETRACTORS ORBITAL FLOOR



Fig. 1
Left



Fig. 2
Right



Rowe

Fig. 1	185 mm / 7 1/4"	R62-099-01R
Fig. 2	185 mm / 7 1/4"	R62-099-02R

R62

SAILER
INSTRUMENTS



The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Sailer.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

DISSECTOR AND PROTECTOR

For elevating the nasal mucoperiosteum or the piriform fossa to protect against trauma caused by the oscillating saw and to enable Le Forte I osteotomies or division of lateral nasal wall.



Sailer

Blunt	160 mm / 6 1/4"	R62-155-16R
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FORCEPS WIRE CATCHING

For grasping wires or sutures in intraoral fixation of fracture of the condylar neck.



Sailer

Fig. 1	155 mm / 6 1/8"	R62-165-01R
Fig. 2	155 mm / 6 1/8"	R62-165-02R

ELEVATORS ORBITAL FLOOR



Sailer

Left	175 mm / 6 7/8"	R62-159-01R
Right	175 mm / 6 7/8"	R62-159-02R

■ MOBILIZER MAXILLA

For controlled mobilization of the maxilla following Le Fort I osteotomy.



Sailer

11 mm	230 mm / 9"	R62-175-23R
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■ OSTEOTOMES NASAL



Sailer

Left	200 mm / 8"	R62-177-01R
Right	200 mm / 8"	R62-177-02R

■ OSTEOTOME NASAL BRIDGE, SWAN NECK

For median and paramedian osteotomy of the nasal bridge without an external incision.



Sailer

7 mm	190 mm / 7 1/2"	R62-179-19R
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■ OSTEOTOME NASAL, SWAN NECK



Sailer

10 mm	170 mm / 6 3/4"	R62-181-17R
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■ OSTEOTOMES ORBITAL



Fig. 3



Fig. 2



Fig. 1

Sailer

Left Fig. 1	160 mm / 6 1/4"	R62-183-01R
Left Fig. 2	160 mm / 6 1/4"	R62-183-02R
Left Fig. 3	160 mm / 6 1/4"	R62-183-03R
Right Fig. 1	160 mm / 6 1/4"	R62-185-01R
Right Fig. 2	160 mm / 6 1/4"	R62-185-02R
Right Fig. 3	160 mm / 6 1/4"	R62-185-03R

■ PLIERS WIRE CUTTING

For cutting of wire in the posterior oral cavity such as wire splintage or wire osteosynthesis.



Sailer

175 mm / 6 7/8"	R62-188-17R
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■ PLIERS WIRE TWISTING

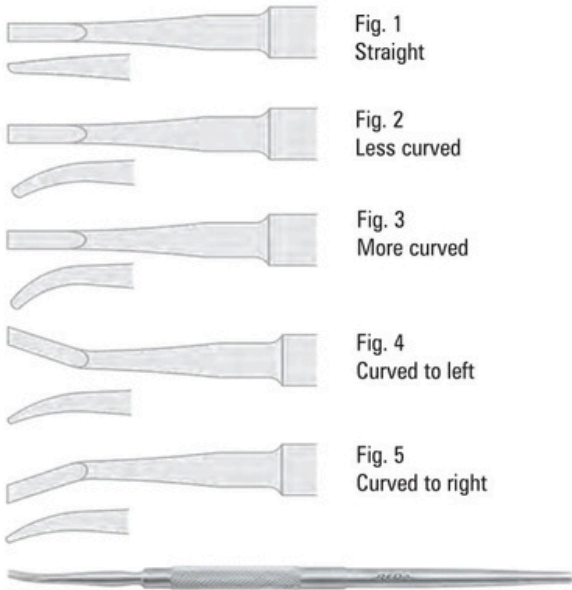


Sailer

180 mm / 7"	R62-190-18R
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PROTECTORS NERVE

For rapid exposure of the mandibular nerve and prevent large bone loss. The acute curved protector is for the region of the mental foramen and the slightly curved and straight protectors are useful in the exposure of the nerve at other locations in the mandible.



Sailer		
Fig. 1	165 mm / 6 1/2"	R62-193-01R
Fig. 2	165 mm / 6 1/2"	R62-193-02R
Fig. 3	165 mm / 6 1/2"	R62-193-03R
Fig. 4	165 mm / 6 1/2"	R62-193-04R
Fig. 5	165 mm / 6 1/2"	R62-193-05R

RETRACTOR NASAL BRIDGE

For retraction of the soft tissue overlying the glabellar and nasal bridge in cases of exposure with bifrontal/bitemporal flap.



Sailer		
50 x 15/20 mm	235 mm / 9 1/4"	R62-195-23R

RETRACTOR NASAL SPINE

For safe placement anterior to the nasal septum in the nasal soft tissues for cases of Le Fort I osteotomies.



Sailer		
Blunt	190 mm / 7 1/2"	R62-197-19R

RETRACTORS SOFT TISSUE

Bent downward, concave blades.

For retraction of the upper lip, while the surgeon is positioned posterior to the head of the patient; these retractors are especially useful for Le Fort I osteotomies and cleft palate surgery.

The short retractors, held by the assistant, do not hinder the surgeon.

The concave blade minimizes traumatization of soft tissue and lips and the downward curved tip provides clear view.



Sailer		
25 x 7 mm	150 mm / 6"	R62-199-25R
35 x 10 mm	150 mm / 6"	R62-199-35R
42 x 10 mm	150 mm / 6"	R62-199-42R
55 x 12 mm	150 mm / 6"	R62-199-55R
70 x 14 mm	150 mm / 6"	R62-199-70R
80 x 16 mm	150 mm / 6"	R62-199-80R

R62

**STEINBERG
INSTRUMENTS**

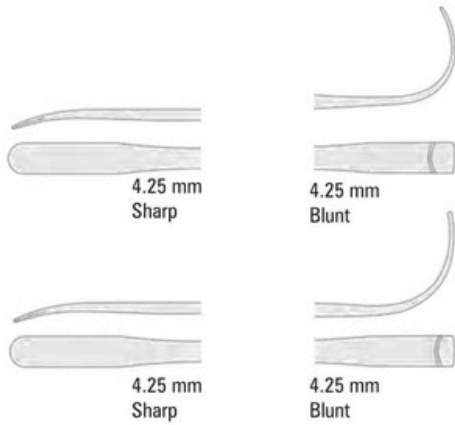
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**INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY**



■ ELEVATORS PERIOSTEAL PEDIATRIC

For dissection of soft tissues.



Steinberg

Fig. 1	195 mm / 7 3/4"	R62-251-01R
Fig. 2	195 mm / 7 3/4"	R62-251-02R

■ ELEVATOR PERIOSTEAL PEDIATRIC



Steinberg

4 / 6 mm	180 mm / 7"	R62-253-18R
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■ ELEVATOR PERIOSTEAL PEDIATRIC



Steinberg-Cottle

3.5 mm	225 mm / 8 7/8"	R62-255-22R
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■ ELEVATOR PERIOSTEAL PEDIATRIC



Steinberg-Seldin

7/8 mm	195 mm / 7 3/4"	R62-257-19R
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■ ELEVATOR PERIOSTEAL PEDIATRIC MULTI PURPOSE

For stripping tightly adherent periosteum and removal of epicranium, the tips are less curved with flat sharp edges.



Steinberg

4 mm	180 mm / 7"	R62-261-18R
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■ ELEVATOR PERIOSTEAL PEDIATRIC MULTI PURPOSE ' J STRIPPER '

For stripping periosteum wherever bone is curved e.g. posterior and inferior borders of mandible and chin, the tips are hook end with sharp beveled edge.



Steinberg

4 mm	205 mm / 8 1/8"	R62-263-20R
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■ ELEVATORS PERIOSTEAL PEDIATRIC / STRIPPERS RAMUS 'SWALLOWTAIL'

For stripping the soft tissue from the anterior aspect of the ascending ramus of the mandible or for holding to provide clear view of the trauma site or in repositioning the ramus in orthognathic surgery. V-shaped, slightly curved with sharp edges.



Fig. 1
4.5 mm



Fig. 2
5.5 mm



Steinberg

Fig. 1	175 mm / 6 7/8"	R62-265-01R
Fig. 2	175 mm / 6 7/8"	R62-265-02R

RETRACTOR CHANNEL PEDIATRIC

For protection of soft tissue and neurovascular bundle during sagittal split of the mandible. Useful for retracting and improving view of the surgical site in the mandibular neurovascular bundle decompression procedure.



Steinberg

6.75 mm	165 mm / 6 1/2"	R62-275-16R
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RETRACTOR MANDIBULAR BODY PEDIATRIC

For making the vertical cut of the mid-sagittal osteotomy, it distends the cheek, protects the facial artery and vein, supports the mandible as the osteotomes are struck with a mallet and permits an adequate cut of the inferior border of the mandible.



Steinberg

155 mm / 6 1/8"	R62-277-15R
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RETRACTORS RAMUS PEDIATRIC

For retraction of soft tissue from the anterior aspect of ascending ramus of the mandible, its concave blade minimizes trauma to lip.

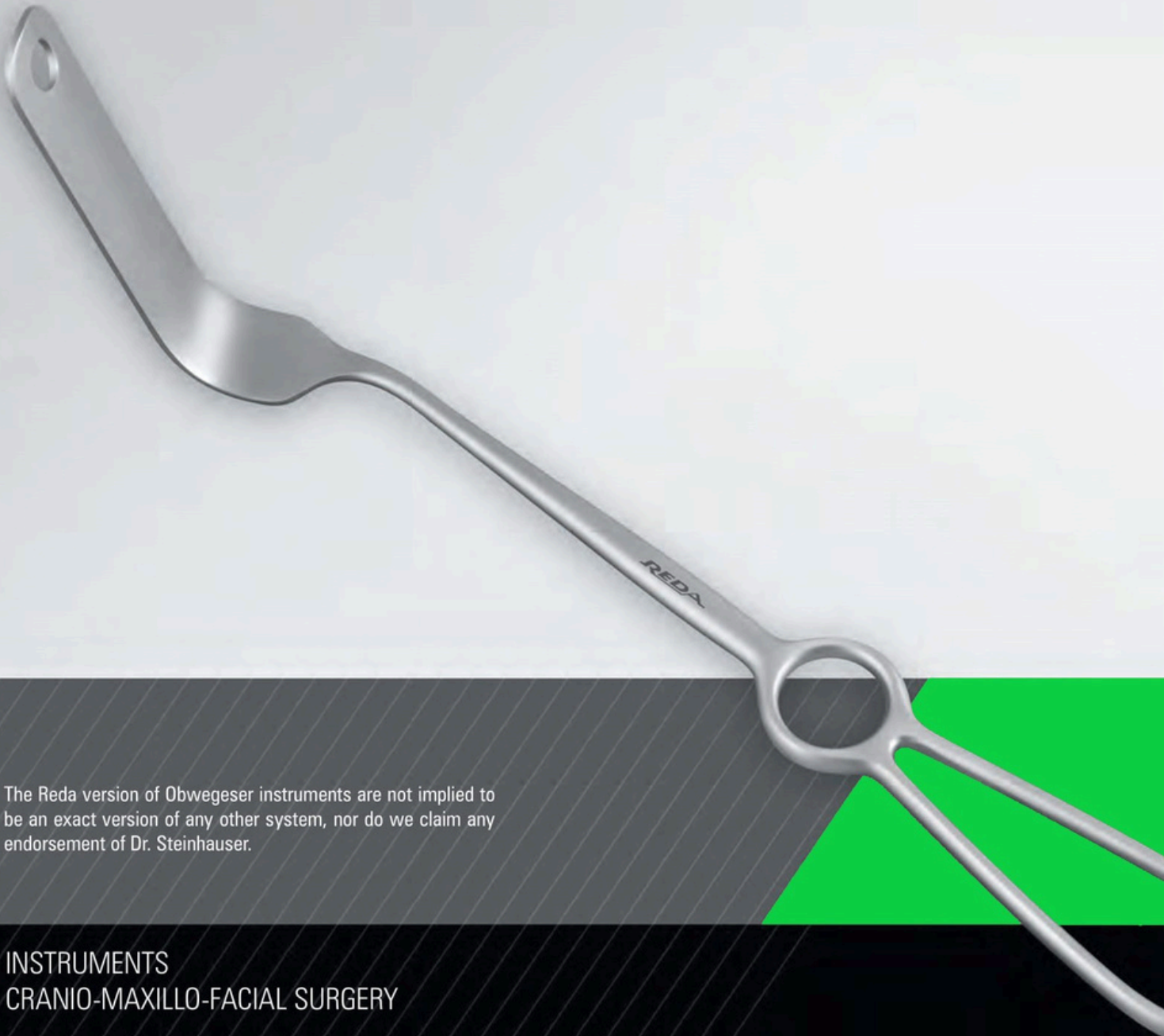


Steinberg

50 x 8 / 11 mm	220 mm / 8 3/4"	R62-279-11R
60 x 9 / 13 mm	220 mm / 8 3/4"	R62-279-13R

R62

STEINHAUSER
INSTRUMENTS

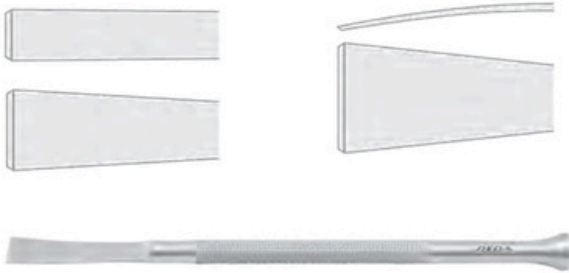


The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Steinhauser.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

■ CHISELS SAGITTAL SPLIT

For sagittal split osteotomies of the mandible. The flexible and specially beveled tip follows inner aspect of the buccal cortex and slides down closely following the buccal cortical wall so that it stays lateral to the neurovascular bundle.



Steinhauser

7 mm	190 mm / 7 1/2"	R62-301-07R
11 mm	190 mm / 7 1/2"	R62-301-11R
15 mm	190 mm / 7 1/2"	R62-301-15R

■ CLAMPS RAMUS

For sagittal splitting or decortication of lower jaw in osteomyelitis. These self-retaining clamps have cheek retractor on one of the blades to keep lingual soft tissue away from ascending ramus of mandible.

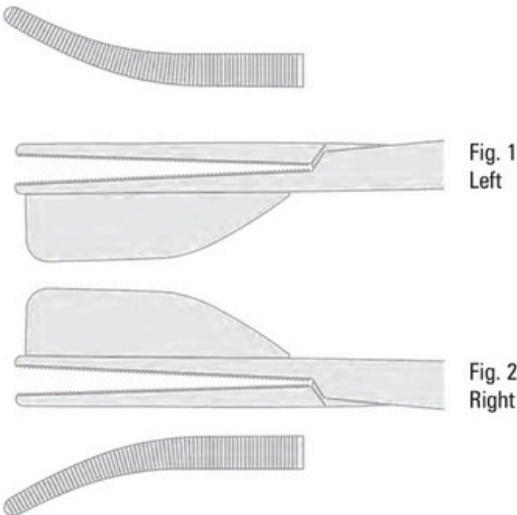


Fig. 1
Left

Fig. 2
Right



Steinhauser

Fig. 1	150 mm / 6"	R62-305-01R
Fig. 2	150 mm / 6"	R62-305-02R

■ ELEVATORS PERIOSTEAL NASAL FLOOR, SHARP

For elevating the periosteum in the nasal aperture.



Steinhauser

15 x 5 mm	160 mm / 6 1/4"	R62-311-15R
20 x 5 mm	165 mm / 6 1/2"	R62-311-20R



Steinhauser

12 x 6 mm	160 mm / 6 1/4"	R62-313-12R
19 x 6 mm	165 mm / 6 1/2"	R62-313-19R
26 x 6 mm	170 mm / 6 3/4"	R62-313-26R

■ ELEVATOR PERIOSTEAL ORBITAL FLOOR, SEMI-SHARP

For circular dissection of the orbital periosteum.



Steinhauser

3 mm	165 mm / 6 1/2"	R62-317-16R
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■ ELEVATOR – EXPLORER / DEPTH FEELER, BLUNT

For finding the depth of sigmoid notch and blunt dissection of soft tissue.



Steinhauser

5 mm	185 mm / 7 1/4"	R62-323-18R
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■ FORK REPOSITIONING

For repositioning the severed mandibular ramus into the articular fossa.



Steinhauser

6 mm	180 mm / 7"	R62-345-18R
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■ FORCEPS BONE REPOSITIONING



Steinhauser

130 mm / 5 1/8"	R62-330-13R
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■ OSTEOTOMES ORBITAL FLOOR

For osteotomies of the orbital floor particularly in Le Fort II and Le Fort III.



Steinhauser

5 mm	175 mm / 6 7/8"	R62-355-05R
8 mm	175 mm / 6 7/8"	R62-355-08R

■ FORCEPS BONE REPOSITIONING



Steinhauser

130 mm / 5 1/8"	R62-331-13R
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■ OSTEOTOMES RAMUS FLEXIBLE



Steinhauser

7 mm	170 mm / 6 3/4"	R62-357-07R
10 mm	170 mm / 6 3/4"	R62-357-10R

RETRACTORS CHEEK

For retraction and protection of cheek during osteosynthesis by plates and screws, the concave blade minimizes traumatizing of soft tissue. The perfacial instrument is pushed through the hole in blade.



Steinhauser

Left	235 mm / 9 1/4"	R62-365-01R
Right	235 mm / 9 1/4"	R62-365-02R

RETRACTOR MANDIBULAR CHANNEL

For sagittal split osteotomy of the ramus, this extra long channel retractor is designed particularly to be placed on the lingual aspect of the mandible. The retractor blade is malleable to provide an improved view.



Steinhauser

8 mm	270 mm / 10 3/4"	R62-371-27R
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RETRACTOR MANDIBULAR CHANNEL

For sagittal split osteotomy of the ramus, this extra long channel retractor is designed particularly to be placed on the lingual aspect of the mandible. The retractor blade is malleable to provide an improved view and the serrated working end secures the retractor in the desired position.

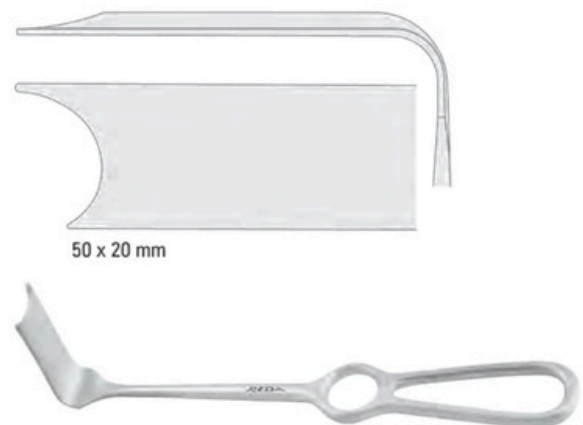


Steinhauser

10 mm	290 mm / 11 1/2"	R62-373-29R
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RETRACTORS ZYGOMATIC SOFT TISSUE

For exposing the zygomatic crest and retracting soft tissue.



Steinhauser

Left	235 mm / 9 1/4"	R62-379-01R
Right	235 mm / 9 1/4"	R62-379-02R

R62

TERRY
INSTRUMENTS



The Reda version of Obwegeser instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Terry.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

■ CLAMPS MYLOHYOID MUSCLE ATRAUMATIC

For effective detachment of mylohyoid muscle from its attachment to the mandible in mouth floor lowering procedure. The right and left clamps also allow better retraction and a clear view.



Fig. 1 Left

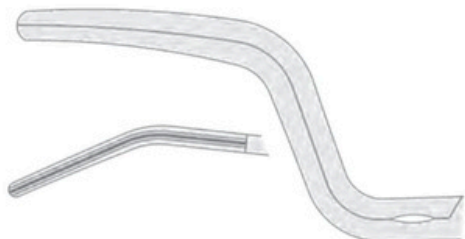


Fig. 2 Right



Terry		
Fig. 1	170 mm / 6 3/4"	R62-603-01R
Fig. 2	170 mm / 6 3/4"	R62-603-02R

■ ELEVATOR ALVEOLAR FLAP

For lifting alveolar flap and manipulating Hydroxyapatite (HA) grafts.



Terry		
5 / 8 mm	170 mm / 6 3/4"	R62-610-17R

■ ELEVATOR SUBPERIOSTEAL

For subperiosteal dissection through small incisions or for preparing tunnels for placement of Hydroxyapatite (HA).



Terry		
3 / 7 mm	180 mm / 7"	R62-612-18R

INTRODUCER WIRE

For circummandibular wiring transorally in sagittal split osteotomy (SSO) or Intraoral vertical ramus osteotomy (IVRO) procedure.



Terry

2 mm 170 mm / 6 3/4" R62-620-17R

PACKERS GRAFT

For placement of Hydroxyapatite (HA) particles into prepared tunnels. The small diameters and concave shape of tips work through small incisions to facilitate the graft placement.



Terry

3 mm 130 mm / 5 1/2" R62-633-13R

OSTEOTOMES NASAL SINGLE GUARDED

For cutting the lateral nasal wall in LeFort I osteotomy. The thin blade makes a fine cut with very little wedging. The probe end of the osteotome reduce the danger of nasal mucosal lacerations.



Fig. 1
5 mm



Fig. 2
7 mm



Terry

Fig. 1 190 mm / 7 1/2" R62-628-05R
Fig. 2 190 mm / 7 1/2" R62-628-07R



Terry

4 / 6 mm 110 mm / 4 3/8" R62-634-01R



Terry

4 mm 110 mm / 4 3/8" R62-634-02R



Terry

6 mm 110 mm / 4 3/8" R62-634-03R

■ PUSHER RAMUS V-SHAPE

For control of the ramus fragment in procedure of transoral open reduction of mandibular angle fractures with interalveolar / upper border wiring.



Terry

8 mm	240 mm / 9 1/2"	R62-637-24R
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■ RETRACTOR CHANNEL

For protection of soft tissue and neurovascular bundle during sagittal split of the mandible. Useful for retracting and improving view of the surgical site in the mandibular neurovascular bundle decompression procedure. The length of the working end is shorter than conventional channel retractors, which allows easier working in the inferior border aspect of the mandible with rotary or hand instruments.



Terry

8 mm	165 mm / 6 1/2"	R62-641-16R
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■ RETRACTORS DUCT

For fixing and lifting of the exposed salivary ducts.



Fig. 1 Left



Fig. 2 Right

Terry

Fig. 1	145 mm / 5 3/4"	R62-643-01R
Fig. 2	145 mm / 5 3/4"	R62-643-02R

■ WEDGE OCCLUSAL

For opening mouth of patient with maximum restriction of mandibular function prior to introducing mouth gag. The front edge tapers to 2mm for easy insertion.



Terry

20 mm	140 mm / 5 1/2"	R62-650-14R
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R62

TESSIER
INSTRUMENTS



The Reda version of Tessier instruments are not implied to be an exact version of any other system, nor do we claim any endorsement of Dr. Tessier.

INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

AWLS ILLIAC CREST

For wiring together two halves of iliac crest after bone graft is taken from underneath, available in three curvatures and lengths.



Fig. 1



Fig. 2



Fig. 3



Tessier

Fig. 1	195 mm / 7 3/4"	R62-705-01R
Fig. 2	205 mm / 8 1/8"	R62-705-02R
Fig. 3	210 mm / 8 1/4"	R62-705-03R

AWLS / PERFORATORS TRANSNASAL

For making a hole through the lacrymal crest into the frontal process of the maxilla from one side to the other for transnasal medial canthopexy. The triangle point is sharp.



Tessier

4.5 mm Ø	165 mm / 6 1/2"	R62-708-16R
2.5 mm Ø	210 mm / 8 1/4"	R62-708-21R

CALIPER CRANIOFACIAL



Tessier

0 - 200 mm	260 mm / 10 1/4"	R62-720-26R
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CLAMP SCALP ATRAUMATIC

For use in craniofacial surgery and in frontal or temporal lifting procedures, pulling forehead backward and holding scalp retracted downward.

The clamp provides hemostasis of the anterior edge of coronal incision. The atraumatic jaws and elastic shanks provide sufficient pressure and secure grip yet do not damage the scalp.



Tessier

T-Shape	135 mm / 5 3/8"	R62-725-13R
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■ CURETTES BONE

For removal of fat in the submaxillary and submental areas or taking cancellous bone from the tibial epiphysis or from under the iliac crest through a small skin incision.

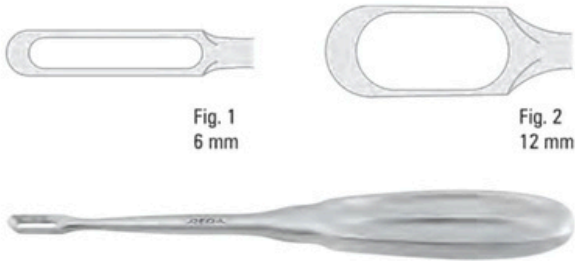


Fig. 1
6 mm

Fig. 2
12 mm

Tessier

Fig. 1	220 mm / 8 3/4"	R62-735-06R
Fig. 2	215 mm / 8 1/2"	R62-735-12R

■ DEPRESSORS TONGUE



Tessier

Tessier		Black Finish	Satin Finish
20 mm	205 mm / 8 1/8"	R62-741-20B	R62-741-20R
27 mm	205 mm / 8 1/8"	R62-741-27B	R62-741-27R

■ ELEVATORS PERIOSTEAL

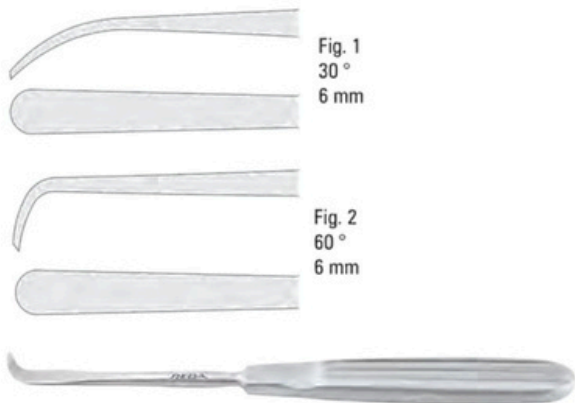


Fig. 1
30°
6 mm

Fig. 2
60°
6 mm

Tessier

Fig. 1	180 mm / 7"	R62-753-01R
Fig. 2	180 mm / 7"	R62-753-02R

■ ELEVATORS PERIOSTEAL



Tessier

6 mm	180 mm / 7"	R62-755-06R
7 mm	180 mm / 7"	R62-755-07R
9 mm	180 mm / 7"	R62-755-09R
11 mm	180 mm / 7"	R62-755-11R

■ ELEVATORS PERIOSTEAL HEAVY PATTERN

For elevation of the periosteum from the calvaria, the ramus or body of the mandible or when taking grafts from the tibia, the ribs or illium.



Tessier

12 mm	185 mm / 7 1/4"	R62-757-12R
14 mm	185 mm / 7 1/4"	R62-757-14R
12 mm	205 mm / 8 1/8"	R62-759-12R
16 mm	205 mm / 8 1/8"	R62-759-16R

■ FORCEPS BONE BENDING / CONTOURING

For making parallel grooves on the septal or conchal cartilages. The cartilage grafts can be thinned for replacing the collapsed alar cartilages and they can be bent for elevating a depressed nasal dorsum.



Tessier

Sideways	195 mm / 7 3/4"	R62-767-19R
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■ FORCEPS BONE BENDING / CONTOURING

For bending ribs or iliac grafts and also calvarial grafts to proper curvature, the angular blades allow better handling and view of the graft when carving.



Tessier

Sideways	220 mm / 8 3/4"	R62-769-22R
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■ FORCEPS BONE CUTTING

For cutting all cortical grafts, including calvarial and mandibular grafts. Heavier pattern will deliver maximum cutting pressure required.



Tessier

Angled	215 mm / 8 1/2"	R62-775-21R
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■ FORCEPS NASAL BONE CUTTING

For trimming nasal bones or septal cartilage, blades will cut to the very tip.



Tessier

Slim Pattern	205 mm / 8 1/8"	R62-780-20R
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■ FORCEPS BONE GRAFT HOLDING

For providing a good grasp of the bone when taking and shaping bone grafts. The rigid semi-parallel blades are thin enough to be placed beneath the soft tissue and the bone. One blade is slotted for drilling holes prior to osteosynthesis.



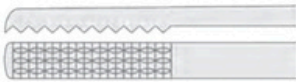
Tessier

200 mm / 8"

R62-785-20R

■ FORCEPS BONE HOLDING

For the zygomatic bone, the body or angle of the mandible, the inframandibular rim in a genioplasty procedure and any additional types of bone grafts carved with burrs or bone cutting forceps. Also used for stabilizing the head in craniofacial procedure.



Tessier

5 mm

165 mm / 6 1/2"

R62-789-16R

■ FORCEPS BONE HOLDING

For the zygomatic bone, the body or angle of the mandible, the inframandibular rim in a genioplasty procedure and any additional types of bone grafts carved with burrs or bone cutting forceps. Also used for stabilizing the head in craniofacial procedure.



Tessier

5 mm

190 mm / 7 1/2"

R62-789-19R

■ FORCEPS BONE SPREADING

For introducing into the osteotomy line when access is difficult or pulling with bone holding forceps is not convenient.



Tessier

7 mm

170 mm / 6 3/4"

R62-795-17R

■ FORCEPS DISIMPACTION

For maxillary advancement in Le Fort I, II or III procedures. The forceps are side specific and used in pair. They allow the application of great amounts of force to disimpact and reposition the maxilla and midface. Oral blade of forceps has large curvature to prevent damage to upper anterior dentition

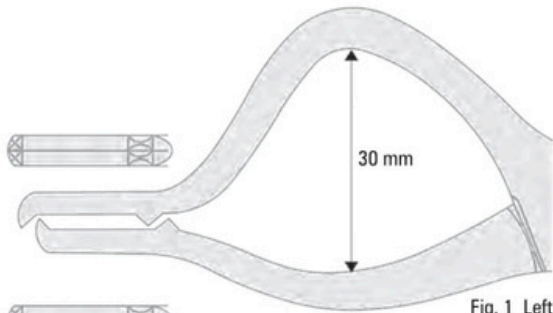


Fig. 1 Left

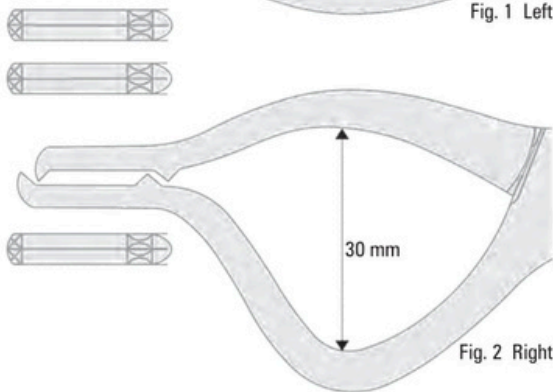


Fig. 2 Right



Tessier

Fig. 1	220 mm / 8 3/4"	R62-805-01R
Fig. 2	220 mm / 8 3/4"	R62-805-02R

■ FORCEPS DISIMPACTION

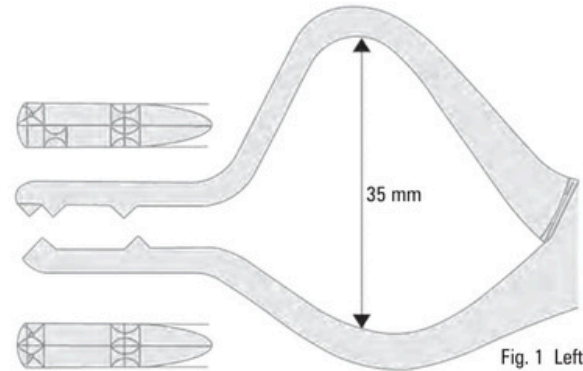


Fig. 1 Left

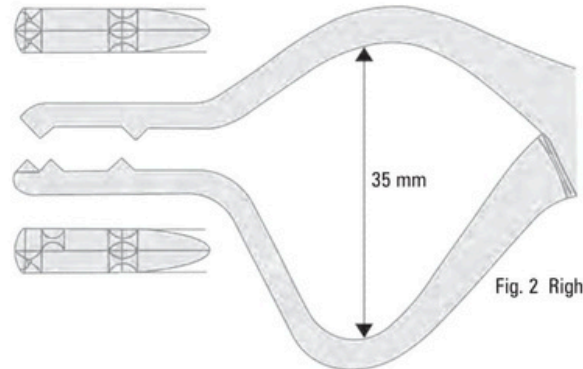


Fig. 2 Right



Tessier

Fig. 1	230 mm / 9"	R62-807-01R
Fig. 2	230 mm / 9"	R62-807-02R

■ CONNECTOR FOR DISIMPACTION FORCEPS



Tessier

R62-810-00R

■ GOUGES TMJ



Tessier

8 mm	200 mm / 8"	R62-820-08R
15 mm	200 mm / 8"	R62-820-15R

■ HOOKS BONE

For approximation and wiring behind the zygoma, lateral orbital rim, inframandibular segment (genioplasty), sigmoid notch or ramus. It can be used behind the tuberosity of the maxilla. The sharp serrations prevents slippage.



Tessier	Black Finish	Satin Finish
185 mm / 7 1/4"	R62-831-18B	R62-831-18R

■ HOOK SKIN

For grasping and firm handling of the scalp, thick flaps, the umbilicus, the lateral canthus and the corner of the mouth, it is sharp and large size.



Tessier

190 mm / 7 1/2"	R62-835-19R
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■ MOBILIZERS MAXILLARY

For separation of the maxilla from the pterygoid process, they are used alternatively on either side to rotate and advance the maxilla or midface, thus breaking or stretching the last resistances of the bone or scar tissue. Used in Le Fort I, II, III procedures, the proper curvature of the thin blades allow passing below the zygomatic bone.



Fig. 1 Left



Fig. 2 Right



Fig. 1L Left



Fig. 2L Right



Tessier

Fig. 1	150 mm / 6"	R62-851-01R
Fig. 2	150 mm / 6"	R62-851-02R
Fig. 1L	150 mm / 6"	R62-853-01R
Fig. 2L	150 mm / 6"	R62-853-02R

■ OSTEOTOMES BONE GRAFT, BEVELLED

For taking grafts from the cranium. These have been specifically designed for the splitting of ribs, iliac grafts or calvarial bone flaps with hand instead of hammer.



Tessier		Straight	Curved
10 mm	160 mm / 6 1/4"	R62-870-10R	R62-871-10R
15 mm	160 mm / 6 1/4"	R62-870-15R	R62-871-15R

■ OSTEOTOMES BONE GRAFT, HEAVY BLADES

For taking graft from ilium, femur, tibia and humerus, the stronger blades are useful for all orthopedic work.



Tessier		Straight	Curved
10 mm	200 mm / 8"	R62-876-10R	R62-877-10R
15 mm	200 mm / 8"	R62-876-15R	R62-877-15R

■ OSTEOTOMES BONE GRAFT, THIN BLADES

For taking graft from ilium and tibia, the thin blades avoid breakage of the graft.



Tessier		Straight	Curved
6 mm	200 mm / 8"	R62-874-06R	R62-875-06R
10 mm	200 mm / 8"	R62-874-10R	R62-875-10R
12 mm	200 mm / 8"	R62-874-12R	-
15 mm	200 mm / 8"	R62-874-15R	R62-875-15R
20 mm	200 mm / 8"	R62-874-20R	R62-875-20R
30 mm	200 mm / 8"	R62-874-30R	-

■ OSTEOTOMES BONE GRAFT, HEAVY BLADES

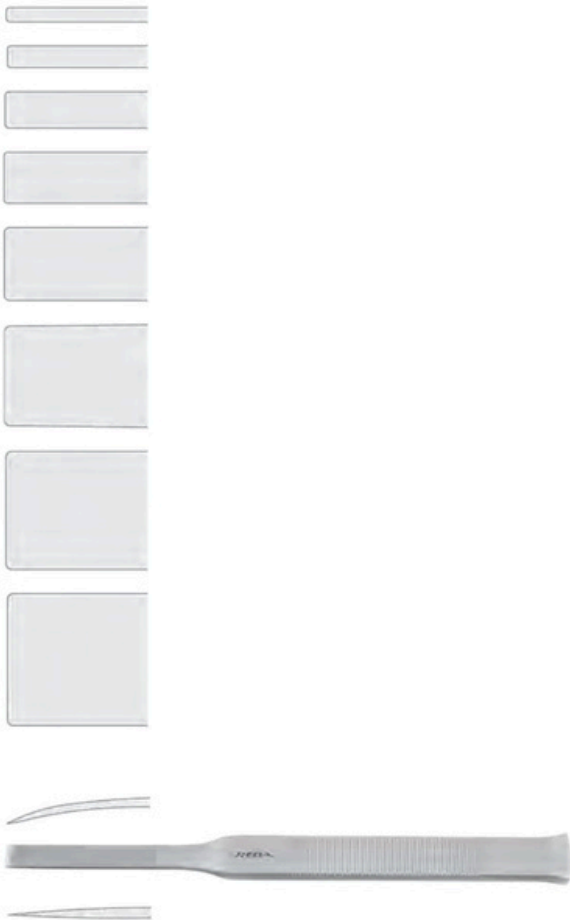
For taking graft from ilium and tibia, blades are sturdy for all other orthopedic work.



Tessier-Henderson		Strong-Curved
10 mm	200 mm / 8"	R62-879-10R
15 mm	200 mm / 8"	R62-879-15R

■ OSTEOTOMES MULTIPURPOSE FLAT HANDLE

For all facial endocranial procedures, the maxilla, chin area, intradental, mandible, its serrated flat handle offers a firm grip with two fingers.



■ OSTEOTOMES MULTIPURPOSE MUSHROOM HANDLE

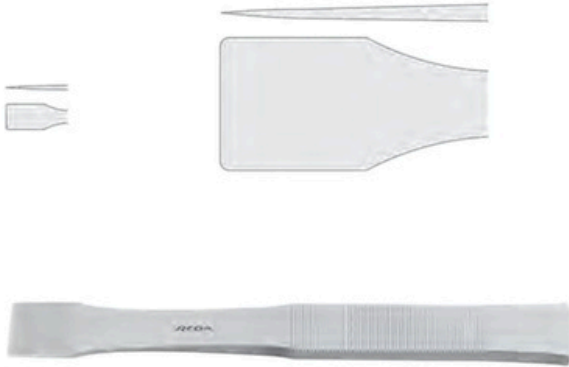
For all facial endocranial procedures, the maxilla, chin area, intradental, mandible, its serrated flat handle with mushroom end offers a firm grip and control.



Tessier		<u>Straight</u>	<u>Curved</u>
2.5 mm	165 mm / 6 1/2"	R62-886-02R	-
3.5 mm	165 mm / 6 1/2"	R62-886-03R	R62-887-03R
5.0 mm	165 mm / 6 1/2"	R62-886-05R	R62-887-05R
7.0 mm	165 mm / 6 1/2"	R62-886-07R	R62-887-07R
10.0 mm	165 mm / 6 1/2"	R62-886-10R	R62-887-10R
14.0 mm	165 mm / 6 1/2"	R62-886-14R	-

Tessier		<u>Straight</u>	<u>Curved</u>
2.5 mm	160 mm / 6 1/4"	R62-884-02R	-
3.5 mm	160 mm / 6 1/4"	R62-884-03R	R62-885-03R
5.0 mm	160 mm / 6 1/4"	R62-884-05R	R62-885-05R
7.0 mm	160 mm / 6 1/4"	R62-884-07R	R62-885-07R
10.0 mm	160 mm / 6 1/4"	R62-884-10R	R62-885-10R
14.0 mm	160 mm / 6 1/4"	R62-884-14R	-
16.0 mm	160 mm / 6 1/4"	R62-884-16R	-
18.0 mm	160 mm / 6 1/4"	R62-884-18R	-

■ OSTEOTOMES MULTIPURPOSE



Tessier		Straight
3.5 mm	160 mm / 6 1/4"	R62-888-03R
18.0 mm	160 mm / 6 1/4"	R62-888-18R

■ OSTEOTOME NASAL



Tessier		
5 mm	185 mm / 7 1/4"	R62-890-05R

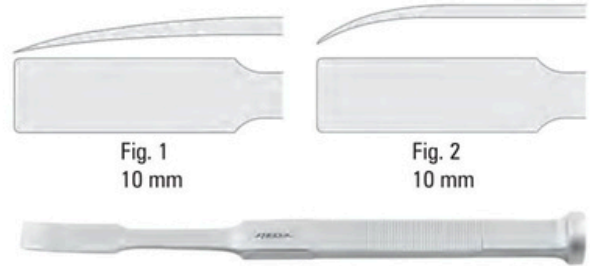
■ OSTEOTOMES NASAL



Tessier-Reuther		
Straight	170 mm / 6 3/4"	R62-892-01R
Left	170 mm / 6 3/4"	R62-892-02R
Right	170 mm / 6 3/4"	R62-892-03R

■ OSTEOTOME RAMUS SPLIT

For splitting the ramus close to the outer cortical bone, the blade is a slightly curved chisel type with rounded corners.



Tessier		Curved
Fig. 1	180 mm / 7"	R62-897-01R
Fig. 2	180 mm / 7"	R62-897-02R

■ OSTEOTOMES RETROMAXILLARY

For osteotomy and disjunction between the pterygoid plate and maxillary tuberosity, the wide mushroom end allows the instrument to be struck with the palm of the hand.



Tessier		Curved
6 mm	165 mm / 6 1/2"	R62-901-06R
9 mm	165 mm / 6 1/2"	R62-901-09R

■ OSTEOTOME PTERYGOMAXILLARY



Tessier-Kawamoto		Curved
9 mm	180 mm / 7"	F62-903-09R

RETRACTORS ILLIAC CREST

For retracting and protecting the two halves of the iliac crest with the abdominal and gluteal muscles. The distal teeth provide deep stability and visibility even in a regular supine position.



Tessier		Black finish	Satin finish
36 x 50 mm	180 mm / 7"	R62-911-01B	R62-911-01R
52 x 50 mm	180 mm / 7"	R62-911-02B	R62-911-02R
59 x 50 mm	180 mm / 7"	R62-911-03B	R62-911-03R
66 x 50 mm	180 mm / 7"	R62-911-04B	R62-911-04R

RETRACTORS ORBITAL / EYE LID



Tessier		Black finish	Satin finish
10 mm	150 mm / 6"	R62-915-10B	R62-915-10R
17.5 mm	150 mm / 6"	R62-915-17B	R62-915-17R
20 mm	150 mm / 6"	R62-915-20B	R62-915-20R

RETRACTORS SOFT TISSUE

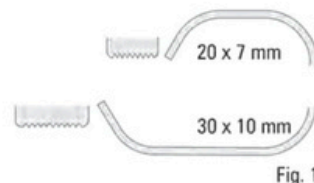


Fig. 1

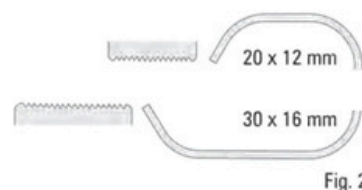


Fig. 2



Fig. 3



Fig. 4



Fig. 5



Tessier		Black finish	Satin finish
Fig. 1	150 mm / 6"	R62-919-01B	R62-919-01R
Fig. 2	150 mm / 6"	R62-919-02B	R62-919-02R
Fig. 3	150 mm / 6"	R62-919-03B	R62-919-03R
Fig. 4	150 mm / 6"	R62-919-04B	R62-919-04R
Fig. 5	150 mm / 6"	R62-919-05B	R62-919-05R

■ RETRACTORS SOFT TISSUE

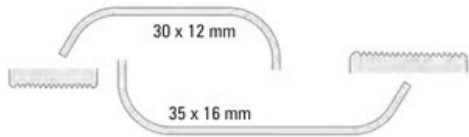


Fig. 1

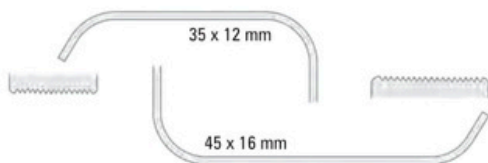


Fig. 2

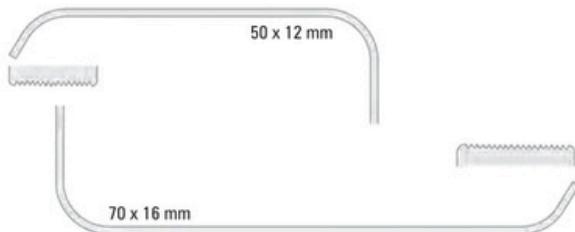


Fig. 3



Tessier		Black Finish	Satin finish
Fig. 1	150 mm / 6"	R62-921-01B	R62-921-01R
Fig. 2	150 mm / 6"	R62-921-02B	R62-921-02R
Fig. 3	150 mm / 6"	R62-921-03B	R62-921-03R

■ RETRACTORS SOFT TISSUE



Fig. 1
8 mm



Fig. 2
10 mm



Fig. 3
7 mm



Fig. 4
10 mm

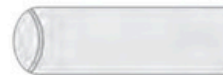


Fig. 5
8 mm

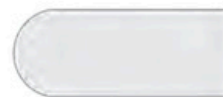


Fig. 6
12 mm



Tessier		Black Finish	Satin finish
Fig. 1	125 mm / 5"	R62-923-01B	R62-923-01R
Fig. 2	125 mm / 5"	R62-923-02B	R62-923-02R
Fig. 3	125 mm / 5"	R62-923-03B	R62-923-03R
Fig. 4	125 mm / 5"	R62-923-04B	R62-923-04R
Fig. 5	125 mm / 5"	R62-923-05B	R62-923-05R
Fig. 6	125 mm / 5"	R62-923-06B	R62-923-06R

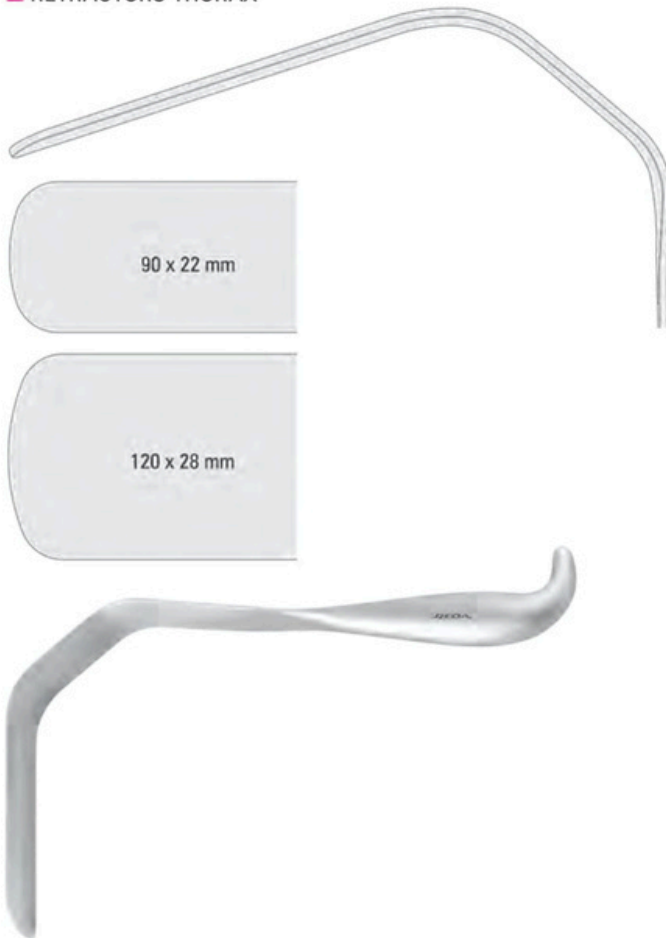
RETRACTORS SOFT TISSUE, MALLEABLE

These retractors are double ended with slightly different widths at either end of the blades. They are malleable and thin, thus preventing the brain or eyeball from receiving exceeding pressure. They are of general application in the cranial and orbital cavities; they can also be used in the mouth.



Tessier		Black finish	Satin finish
10 x 12 mm	220 mm / 8 3/4"	R62-926-01B	R62-926-01R
15 x 17 mm	220 mm / 8 3/4"	R62-926-02B	R62-926-02R
20 x 22 mm	220 mm / 8 3/4"	R62-926-03B	R62-926-03R

RETRACTORS THORAX



Tessier		Black finish	Satin finish
90 x 22 mm	205 mm / 8 1/8"	R62-929-01B	R62-929-01R
120 x 28 mm	280 mm / 11"	R62-929-02B	R62-929-02R

■ SCISSORS DISSECTING



Tessier

Straight 150 mm / 6" R62-932-15R

■ SCISSORS UNDERMINING



Tessier

Curved 130 mm / 5 1/8" R62-941-13R

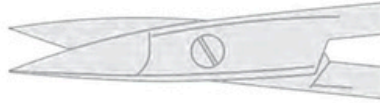
■ SCISSORS DISSECTING TC



Tessier

Straight 150 mm / 6" R62-934-15R

■ SCISSORS WIRE CUTTING TC



Tessier

Straight 120 mm / 4 3/4" R62-948-12R

■ SCISSORS FACE-LIFT TC



Tessier

Straight 165 mm / 6 1/2" R62-938-16R

■ SHEAR BONE / RIB

For rapid, straight craniotomy in infants and young children after dissection of the dura, the upper blade is finely serrated.



Tessier

15 ° angled	195 mm / 7 ¾"	R62-951-19R
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For cutting ribs or thin cortical iliac grafts in long strips. Also for cutting calvarial bones of young children, the upper blade is finely serrated.

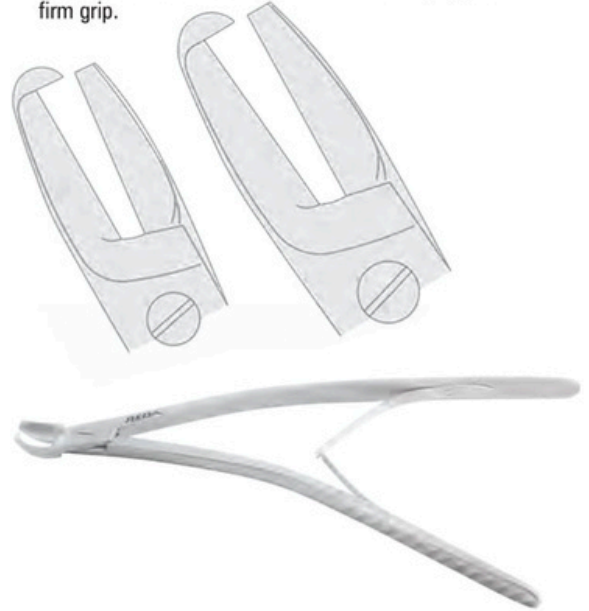


Tessier

45 ° angled	190 mm / 7 ½"	R62-953-19R
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■ SHEARS RIB CURVED HANDLES

For cutting rib grafts, one hook blade prevents the rib from slipping. Handles are curved to side and deeply grooved for a firm grip.



Tessier

Adult	280 mm / 11"	R62-957-01R
Child	280 mm / 11"	R62-957-02R

■ SHEARS RIB STRAIGHT HANDLES

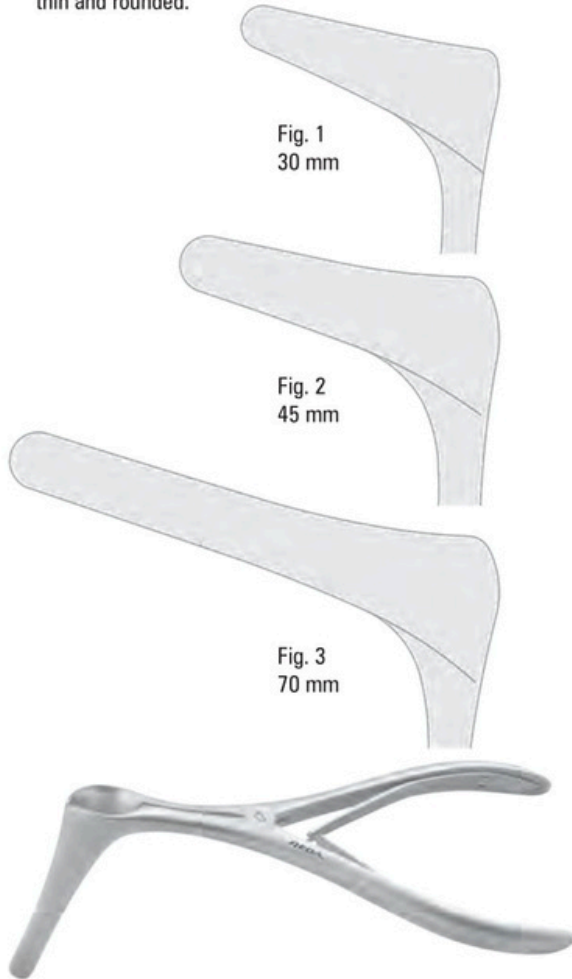


Tessier

Adult	280 mm / 11"	R62-959-01R
Child	280 mm / 11"	R62-959-02R

■ SPECULA NASAL

All purpose specula for rhinoscopy, rhinoplasty and the resection of the septal cartilage and vomer. Blades are very thin and rounded.



Tessier		Black Finish	Satin finish
Fig. 1	140 mm / 5 1/2"	R62-965-01B	R62-965-01R
Fig. 2	140 mm / 5 1/2"	R62-965-02B	R62-965-02R
Fig. 3	140 mm / 5 1/2"	R62-965-03B	R62-965-03R

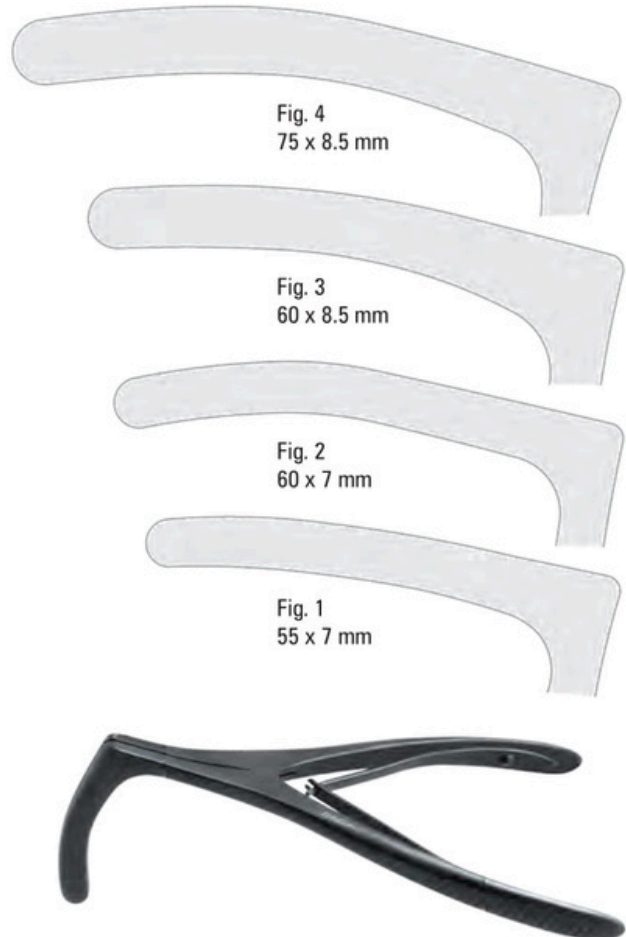
■ SPREADERS TMJ



Tessier			
Left	220 mm / 8 3/4"		R62-973-01R
Right	220 mm / 8 3/4"		R62-973-02R
Universal	220 mm / 8 3/4"		R62-973-03R

■ SPECULA / DILATOR NASAL

All purpose specula for rhinoscopy, rhinoplasty and the resection of the septal cartilage and vomer. Blades are thin and flat.



Tessier		Black Finish	Satin finish
Fig. 1	170 mm / 6 3/4"	R62-967-01B	R62-967-01R
Fig. 2	170 mm / 6 3/4"	R62-967-02B	R62-967-02R
Fig. 3	170 mm / 6 3/4"	R62-967-03B	R62-967-03R
Fig. 4	170 mm / 6 3/4"	R62-967-04B	R62-967-04R

■ TROCARS TRANSNASAL

For passing wires through the nose for a medial canthoplexy which have been twisted on the opposite side. The perforation is made by transnasal awl to pass trocar.



Tessier			
1.5 mm Ø	145 mm / 5 3/4"		R62-980-01R
2.0 mm Ø	145 mm / 5 3/4"		R62-980-02R

R64 - R66

CMF
INSTRUMENTS



INSTRUMENTS
CRANIO-MAXILLO-FACIAL SURGERY

■ AWLS BONE



Coffin

Mandibular	100 mm / 4"	R64-025-10R
Zygomatic	145 mm / 5 3/4"	R64-025-14R

■ AWLS BONE



Kelsey Fry

Mandibular	150 mm / 6"	R64-031-15R
Maxillary	180 mm / 7"	R64-031-18R

■ AWL BONE



Levine

155 mm / 6 1/8"	R64-033-15R
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■ BONE MILL TITANIUM



Mini Mill

Complete with one bone cutter	R64-052-00T
Bone cutters (Pack of 10)	R64-052-01T

■ CALIPER BONE



Castroviejo-Epker

0 - 40 mm	180 mm / 7"	R64-079-01R
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■ CHISELS MAXILLO FACIAL



East Grinstead-Ward

3 mm	180 mm / 7"	R64-100-03R
5 mm	180 mm / 7"	R64-100-05R

■ ELEVATOR MALAR



Bristow

230 mm / 9"	R64-159-23R
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■ ELEVATORS MALAR



Gillies

200 mm / 8"	R64-163-20R
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■ ELEVATOR MALAR



Kilner

180 mm / 7"	R64-169-18R
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■ ELEVATOR PERIOSTEAL



Kreidler

250 mm / 9 7/8" R64-223-25R

■ ELEVATOR PERIOSTEAL



Read

215 mm / 8 1/2" R64-253-21R



Read

150 mm / 6" R64-255-15R



Roberts

185 mm / 7 1/4" R64-259-18R

■ ELEVATOR PERIOSTEAL, FAN SHAPED



Ward

5.5 mm 170 mm / 6 3/4" R64-279-17R

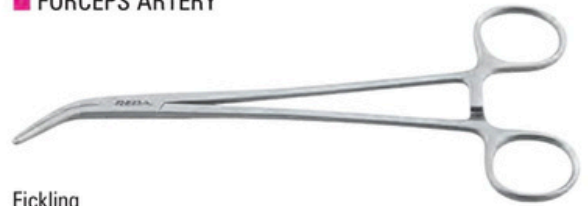
■ ELEVATORS PERIOSTEAL



Williger

6 mm	160 mm / 6 1/4"	R64-289-06R
7 mm	160 mm / 6 1/4"	R64-289-07R
8 mm	160 mm / 6 1/4"	R64-289-08R
9 mm	160 mm / 6 1/4"	R64-289-09R

■ FORCEPS ARTERY



Fickling

1 x 2 th	180 mm / 7"	R64-331-18R
Serrated	180 mm / 7"	R64-333-18R

■ FORCEPS BONE HOLDING



Joseph

180 mm / 7" R64-351-18R

■ FORCEPS BONE HOLDING



Keen

Left	175 mm / 6 7/8"	R64-355-01R
Right	175 mm / 6 7/8"	R64-355-02R

■ FORCEPS BONE HOLDING



Paulus

190 mm / 7 1/2" R64-365-19R

■ FORCEPS BONE HOLDING



Simonton

Left	230 mm / 9"	R64-375-01R
Right	230 mm / 9"	R64-375-02R

■ FORCEPS BONE HOLDING



Wolford

250 mm / 9 7/8"

R64-381-25R

■ FORCEPS BONE REDUCTION

For mandibular reduction



Haase

165 mm / 6 1/2"

R64-391-16R

■ FORCEPS BONE REDUCTION

For maxillary reduction



Reda

135 mm / 5 3/8"

R64-393-13R

■ FORCEPS BONE REDUCTION



Salzburg

140 mm / 5 1/2"

R64-397-14R

■ FORCEPS BONE REDUCTION

For mandibular reduction



Spiessl

Forceps with two rollers 265 mm / 10 1/2"

R64-401-00R

Forceps only 265 mm / 10 1/2"

R64-401-01R

Rollers only (Pair) 80 mm / 3 1/4"

R64-401-02R

■ FORCEPS BONE SEPERATING



Smith

235 mm / 9 1/4"

R64-408-23R

■ FORCEPS BONE SEPERATING WITH RATCHET



Smith

235 mm / 9 1/4"

R64-410-23R

■ FORCEPS BONE SPLITTING



Laster

230 mm / 9"

R64-411-23R

■ FORCEPS BONE SPREADING



Posnick

205 mm / 8 1/8"

R64-415-20R

■ FORCEPS BONE SPREADING



Turvey

170 mm / 6 3/4"

R64-417-17R

■ FORCEPS BONE TRACTION

For downward traction of maxillary fractures.



Hayton-Williams

230 mm / 9"

R64-421-23R

■ FORCEPS BONE TRACTION

For forward traction and reduction of maxillary fractures.



Hayton-Williams

250 mm / 9 7/8"

R64-422-25R

■ HOLDER CHIN



Reda

235 mm / 9 1/4"

R64-485-23R

■ HOOK BONE ZYGOMATIC SHARP



Reda

210 mm / 8 1/4"

R64-491-21R

■ HOOK BONE MALAR BLUNT



Paswillo

220 mm / 8 3/4"

R64-499-22R

■ HOOK MUSCLE



Reda - Finger Trigger

225 mm / 8 7/8"

R64-507-22R

■ MALLETS



Ø 23 mm

Fickling

190 g 190 mm / 7 1/2" R64-514-02R



Gardner

270 g 140 mm / 5 1/2" R64-518-14R



Ø 25 mm

Herbert

215 g 190 mm / 7 1/2" R64-519-19R



Ø 25 mm

Reda

140 g 185 mm / 7 1/4" R64-521-18R



Ø 25 mm

Reda

140 g 185 mm / 7 1/4" R64-522-18R
Replacement disks pair R64-522-98X

■ MALLETS



Ø 25 mm

Mead

185 g 170 mm / 6 3/4" F64-534-17R
Replacement disks pair F64-534-98X



Ø 25 mm

Mead

185 g 190 mm / 7 1/2" R64-534-19R



Ø 22 mm

Partsch

200 g 190 mm / 7 1/2" R64-538-19R



Ø 25 mm

Vickers

300 g 190 mm / 7 1/2" R64-544-19R

■ OSTEOTOMES MAXILLO FACIAL



Dautrey-Munro		Straight
4 mm	160 mm / 6 1/4"	R64-690-04R
6 mm	160 mm / 6 1/4"	R64-690-06R
8 mm	160 mm / 6 1/4"	R64-690-08R
10 mm	160 mm / 6 1/4"	R64-690-10R
12 mm	160 mm / 6 1/4"	R64-690-12R
14 mm	160 mm / 6 1/4"	R64-690-14R
16 mm	160 mm / 6 1/4"	R64-690-16R



Dunn-Dautrey		Straight
4 mm	165 mm / 6 1/2"	R64-692-04R
6 mm	165 mm / 6 1/2"	R64-692-06R
8 mm	165 mm / 6 1/2"	R64-692-08R

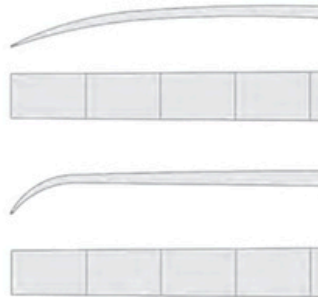


Dunn-Dautrey		Less Curved	More Curved
4 mm	165 mm / 6 1/2"	R64-693-04R	R64-695-04R
6 mm	165 mm / 6 1/2"	R64-693-06R	R64-695-06R
8 mm	165 mm / 6 1/2"	R64-693-08R	R64-695-08R



Epker		Straight
4 mm	180 mm / 7"	R64-706-04R
6 mm	180 mm / 7"	R64-706-06R
8 mm	180 mm / 7"	R64-706-08R

■ OSTEOTOMES MAXILLO FACIAL



Epker		Less Curved	More Curved
4 mm	180 mm / 7"	R64-707-04R	R64-709-04R
6 mm	180 mm / 7"	R64-707-06R	R64-709-06R
8 mm	180 mm / 7"	R64-707-08R	R64-709-08R



Sheehan		Straight
2 mm	150 mm / 6"	R64-774-02R
3 mm	150 mm / 6"	R64-774-03R
4 mm	150 mm / 6"	R64-774-04R
5 mm	150 mm / 6"	R64-774-05R
6 mm	150 mm / 6"	R64-774-06R
7 mm	150 mm / 6"	R64-774-07R
8 mm	150 mm / 6"	R64-774-08R
10 mm	150 mm / 6"	R64-774-10R
12 mm	150 mm / 6"	R64-774-12R
15 mm	150 mm / 6"	R64-774-15R
18 mm	150 mm / 6"	R64-774-18R
20 mm	150 mm / 6"	R64-774-20R



Ward		
3 mm	180 mm / 7"	R64-790-03R
4 mm	180 mm / 7"	R64-790-04R
5 mm	180 mm / 7"	R64-790-05R
6 mm	180 mm / 7"	R64-790-06R

■ OSTEOTOMES NASAL



Bauer		Straight	Angled
4 mm	205 mm / 8 1/8"	R64-810-04R	R64-811-04R
6 mm	205 mm / 8 1/8"	R64-810-06R	R64-811-06R
8 mm	205 mm / 8 1/8"	R64-810-08R	R64-811-08R



10 mm

Messer

		Straight	Angled
Straight	215 mm / 8 1/2"	R64-829-01R	
Left	215 mm / 8 1/2"		R64-829-02R
Right	215 mm / 8 1/2"		R64-829-03R



Smith (Swan Neck)

4.5 mm	190 mm / 7 1/2"	R64-837-01R
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■ OSTEOTOME PTERYGOID / PTERYGOMAXILLARY RELEASE



Burton		Curved
10 mm	230 mm / 9"	R64-851-23R

■ OSTEOTOMES SAGITTAL SPLIT OSTEOTOMY (SSO)



Niederdelmann		Curved
8 mm	250 mm / 9 7/8"	R64-883-08R
10 mm	250 mm / 9 7/8"	R64-883-10R

■ OSTEOTOMES SPATULA



Shepherd		Straight
4 x 30 mm	150 mm / 6"	R64-898-04R
5 x 35 mm	150 mm / 6"	R64-898-05R
7 x 45 mm	180 mm / 7"	R64-898-07R
10 x 35 mm	170 mm / 6 3/4"	R64-898-10R

■ **RETRACTORS CHANNEL ROUND END**

Modified medial ramus retractor is used for medial ramus placement, posterior maxilla.



Reda

Fig. 1	165 mm / 6 1/2"	R66-025-01R
Fig. 2	195 mm / 7 3/4"	R66-025-02R

■ **RETRACTOR CHANNEL SPOON END**



Reda

Fig. 1	175 mm / 6 7/8"	R66-027-01R
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■ **RETRACTORS CHANNEL**



Niederdellmann

Fig. 1	165 mm / 6 1/2"	R66-039-01R
Fig. 2	165 mm / 6 1/2"	R66-039-02R

■ **RETRACTOR CHANNEL**



Zallen-Strader

R66-055-01R

■ **RETRACTOR CHEEK**



Hajek

165 mm / 6 1/2"

R66-095-16R

■ **RETRACTOR CHEEK**



Laster

100 mm / 4"

R66-119-10R

■ **RETRACTOR CHEEK**



Ozment-Keen

75 mm

80 mm / 3 1/4"

R66-141-08R

■ **RETRACTOR CHEEK**



Ward

155 mm / 6 1/8"

R66-171-15R

■ **RETRACTORS INTRA ORAL VERTICAL OSTEOTOMY (I.O.V.O.)**



Levasseur-Merrill

12.5 / 27 mm	230 mm / 9"	R66-205-01R
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■ **RETRACTORS INTRA ORAL VERTICAL OSTEOTOMY (I.O.V.O.)**



Petrigoid

220 mm / 8 3/4"	R66-213-01R
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■ **RETRACTORS INTRA ORAL VERTICAL OSTEOTOMY (I.O.V.O.)**



Petrigoid

Left	210 mm / 8 1/4"	R66-215-01R
Right	210 mm / 8 1/4"	R66-217-01R

■ **RETRACTORS INTRA ORAL VERTICAL OSTEOTOMY (I.O.V.O.)**



Petrigoid

Left	210 mm / 8 1/4"	R66-219-01R
Right	210 mm / 8 1/4"	R66-221-01R

■ **RETRACTOR LINGUAL**



Whitlock

190 mm / 7 1/2"	R66-267-19R
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■ **RETRACTOR NASAL RIDGE**



Reda

115 mm / 4 1/2"	R66-349-11R
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■ **RETRACTOR ORAL MULTI PURPOSE**



Dyson

85 mm / 3 3/8"	R66-373-08R
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■ **RETRACTOR ORBITAL**



Reda

200 mm / 8"	R66-419-20R
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■ RETRACTORS ORBITAL



Norman

10 mm	165 mm / 6 1/2"	R66-435-10R
15 mm	165 mm / 6 1/2"	R66-435-15R
25 mm	165 mm / 6 1/2"	R66-435-25R

■ RETRACTORS OSTEOTOMY



Awty

12 mm	215 mm / 8 1/2"	R66-455-12R
17 mm	215 mm / 8 1/2"	R66-455-17R

■ RETRACTORS RAMUS MEDIAL



Fig. 1
4 mm



Fig. 2
8 mm

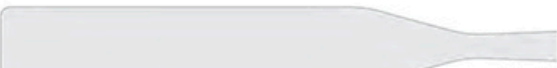


Fig. 3
16 mm



Burton

Fig. 1	300 mm / 11 7/8"	R66-499-01R
Fig. 2	300 mm / 11 7/8"	R66-499-02R
Fig. 3	300 mm / 11 7/8"	R66-499-03R

■ RETRACTORS RAMUS FLAT, LATERAL VERTICAL



Munro

80 x 20 mm	160 mm / 6 1/4"	R66-529-20R
80 x 25 mm	160 mm / 6 1/4"	R66-529-25R
80 x 30 mm	160 mm / 6 1/4"	R66-529-30R
80 x 35 mm	160 mm / 6 1/4"	R66-529-35R

■ RETRACTOR RAMUS



Pikos

200 mm / 8"	R66-533-20R
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■ RETRACTOR EXTRA ORAL SIGMOID NOTCH



Reda

220 mm / 8 3/4"	R66-559-01R
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■ RETRACTORS INTRA ORAL SIGMOID NOTCH



Bauer

Left	210 mm / 8 1/4"	R66-575-01R
Right	210 mm / 8 1/4"	R66-577-01R

■ RETRACTOR SINUS



Shepherd (Dog bone)

180 mm / 7" R66-635-18R

■ RETRACTOR SOFT TISSUE



Boulder Henry

180 mm / 7" R66-665-18R

■ RETRACTORS SOFT TISSUE



Herkt

28 x 7 mm	140 mm / 5 1/2"	R66-695-28R
35 x 11 mm	140 mm / 5 1/2"	R66-695-35R
55 x 11 mm	140 mm / 5 1/2"	R66-695-55R

■ RETRACTOR SOFT TISSUE



Reda - Finger Trigger

210 mm / 8 1/4" R66-705-21R

■ RETRACTORS SOFT TISSUE



Norman

Left	205 mm / 8 1/8"	R66-763-01R
Right	205 mm / 8 1/8"	R66-763-02R

■ RETRACTOR SOFT TISSUE



Sörensen-Hein

175 mm / 6 7/8" R66-777-17R

■ SEPARATORS SAGITTEL



Reyneke

Left 9 x 10 mm	195 mm / 7 3/4"	R66-891-01R
Right 9 x 10 mm	195 mm / 7 3/4"	R66-891-02R



Reyneke

Left 9 x 15 mm	195 mm / 7 3/4"	R66-893-01R
Right 9 x 15 mm	195 mm / 7 3/4"	R66-893-02R



Smith

Left	185 mm / 7 1/4"	R66-895-01R
Right	185 mm / 7 1/4"	R66-895-02R



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