



Special Instruments for Orthognathic Surgery

Designed in cooperation with Dr. Nasser Nadjmi,
Antwerpes, Belgium



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

Special instruments for orthognathic surgery

Bilateral sagittal split osteotomy (BSSO) is an important component in the correction of mandibular anomalies and has become indispensable in orthognathic surgery. The aim of BSSO is to correct the dysgnathia that is usually present and, if necessary, to eliminate asymmetries in the mandible. In addition to Obwegeser's original osteotomy technique, new philosophies have been developed over the decades. However, not only the surgical techniques themselves evolved but also the instruments used.

There have been many advances in orthognathic surgery in recent years, and modern instruments have played a crucial role in these advancements. They have helped improve the precision, predictability, and safety of orthognathic surgery, leading to better outcomes and faster recoveries for patients.



Prof. Dr. med. Nasser Nadjmi
Antwerpes, Belgium

"Performing over 400 orthognathic cases each year made me realize that to achieve perfection, we need high-quality instruments with a unique design. The final aim is to perform the surgical act with the utmost precision and efficiency and with the least damage to the surrounding tissue."

The combination of optimal and unique design and high-quality production by KLS Martin makes these instruments indispensable in modern orthognathic surgery."

Special instruments for orthognathic surgery

Retractors, Nadjmi



1/2

48-563-15-04 **St Sic 1**
Multi-purpose retractor
22 cm / 8 5/8"



1/2

48-565-35-07 **St 1**
Retractor
14.5 cm / 5 7/8"



1/2

48-564-22-07 **St 1**
Ramus retractor, curved
24 cm / 9 1/8"



Retractors for mandibular border, Nadjmi

Double elevators, Nadjmi



1/2

48-562-08-01 **St 1**
Mandible border retractor,
8 mm
18.5 cm / 7 3/8"



1/2

48-562-10-01 **St 1**
Mandible border retractor,
10 mm
18.5 cm / 7 3/8"



1/2

48-557-21-07 **St 1**
Double elevator,
6/4 mm
21 cm / 8 3/8"



1/2

48-565-35-07 **St 1**
Double elevator
6/7 mm
21 cm / 8 3/8"

Special instruments for orthognathic surgery

Transbuccal set, Nadjmi



1/2

48-555-00-07 **St 1**
Transbuccal set, complete



1/2

48-555-01-07 **St 1**
Handle with cannula,
for 48-555-00-07
12.5 cm / 4 7/8"



1/2

48-555-04-07 **St 1**
Retractor,
for 48-555-00-07
8 cm / 3 1/8"



1/2

48-555-02-07 **St 1**
Trocar,
for 48-555-00-07
6.5 cm / 2 5/8"



1/2

48-555-03-07 **St 1**
Drill guide,
for 48-555-00-07
4 cm / 1 5/8"



Explanation of icons

- St** Steel
- Sic** Silicon
- 1** Units/pack

Osteotomes, Nadjmi

BSSO instruments Nadjmi



1/2

48-574-15-07 **St** **1**
 Osteotome,
 15 mm
 18 cm / 7 1/8"



1/2

48-572-08-04 **St** **Sic** **1**
 Osteotome, 45°,
 8 mm
 22 cm / 8 5/8"



1/2

48-570-19-07 **St** **1**
 BSSO bone holding forceps,
 18.5 cm / 7 3/8"



1/2

48-550-03-07 **St** **1**
 BSSO space maintainer,
 17 cm / 6 5/8"

Special instruments for orthognathic surgery

Ramus instruments, Nadjmi



1/2

48-569-17-07 **St** **1**

Ramus clamp,
12 cm / 4 7/8"



1/2

48-560-18-04 **St** **Sic** **1**

Ramus stripper,
18 cm / 7 1/8"



Explanation of icons

- St** Steel
- Sic** Silicon
- 1** Units/pack

Instruments, Nadjmi



1/2

48-575-21-07 **St** **1**
 Nasal bone scissors,
 22 cm / 8 5/8"



1/2

48-567-22-07 **St** **1**
 LeFort1 hook, sharp,
 22 cm / 8 5/8"

Special instruments for orthognathic surgery – overview



Figure	Item no.	Description	Length
1	48-563-15-04	Multi-retractor, Nadjmi	22 cm / 5 1/8"
2	48-572-08-04	Osteotome, 45°, Nadjmi, 8 mm	22 cm / 8 5/8"
3	48-560-18-04	Ramus stripper, Nadjmi	18 cm / 7 1/8"
4	48-557-21-07	Double elevator, Nadjmi, 6/4 mm	21 cm / 8 2/8"
5	48-559-21-07	Double elevator, Nadjmi, 6/7 mm	21 cm / 8 2/8"
6	48-570-19-07	BSSO bone holding forceps, Nadjmi	18.5 cm / 7 2/8"
7	48-569-17-07	Ramus clamp, Nadjmi	12 cm / 4 6/8"
8	48-562-08-01	Mandible border retractor, Nadjmi, 8 mm	18.5 cm / 7 2/8"
9	48-562-10-01	Mandible border retractor, Nadjmi, 10 mm	18.5 cm / 7 2/8"
10	48-575-21-07	Nasal bone scissors, Nadjmi	22 cm / 8 5/8"

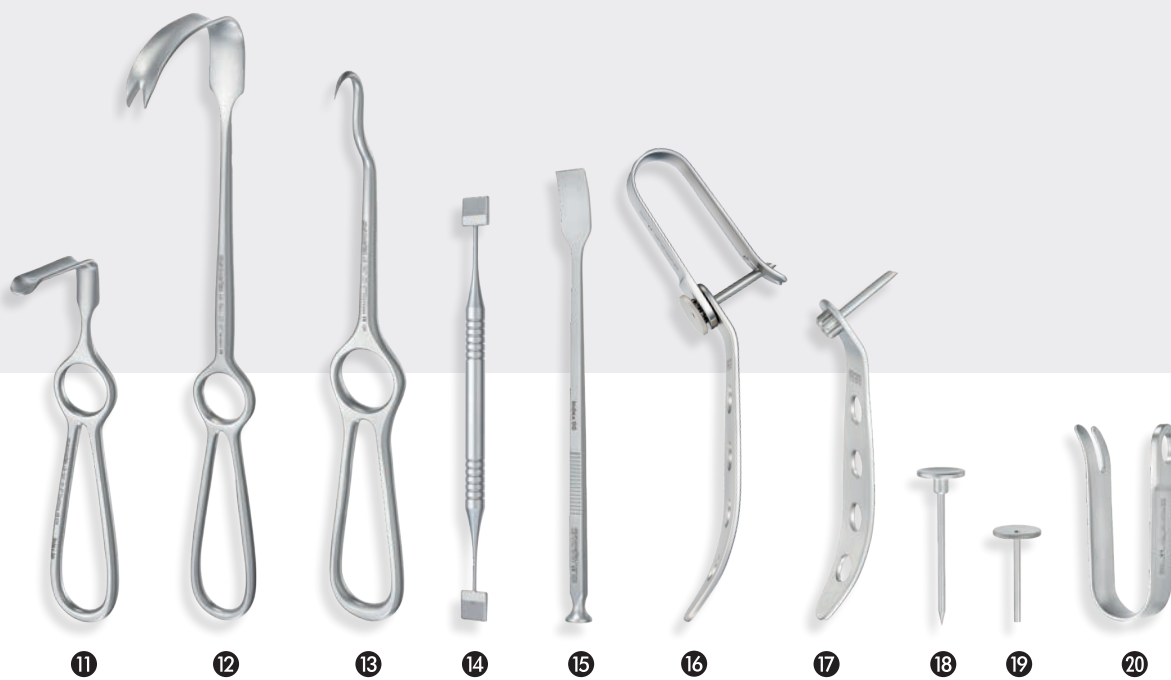


Figure	Item no.	Description	Length
11	48-565-35-07	Retractor, Nadjmi	14.5 cm / 5 ⁶ / ₈ "
12	48-564-22-07	Ramus retractor, Nadjmi, curved	24 cm / 9 ⁴ / ₈ "
13	48-567-22-07	LeFort1 hook, sharp, Nadjmi	22 cm / 8 ⁵ / ₈ "
14	48-550-03-07	BSSO space maintainer, Nadjmi	17 cm / 6 ⁵ / ₈ "
15	48-574-15-07	Osteotome, Nadjmi, 15 mm	18 cm / 7 ¹ / ₈ "
16	48-555-00-07	Transbuccal set, complete, Nadjmi	
17	48-555-01-07	Handle with cannula, for 48-555-00-07	12.5 cm / 4 ⁷ / ₈ "
18	48-555-02-07	Trocar, for 48-555-00-07	6.5 cm / 2 ⁴ / ₈ "
19	48-555-03-07	Drill guide, for 48-555-00-07	4 cm / 1 ⁵ / ₈ "
20	48-555-04-07	Retracor, for 48-555-00-07	12.5 cm / 4 ⁷ / ₈ "

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