

**Ohrspekula : Ear specula  
Spéculums auriculaires  
Espéculos auriculares  
Specoli auricolari**

Digitally signed by Iarovoi Petru  
Date: 2024.09.16 16:23:04 EEST  
Reason: MoldSign Signature  
Location: Moldova



**Toynbee**



|                | Fig. 1      | Fig. 2      | Fig. 3      | Fig. 4      |
|----------------|-------------|-------------|-------------|-------------|
|                | 4.5 mm Ø    | 5.5 mm Ø    | 6.5 mm Ø    | 7.5 mm Ø    |
| 36 mm – 1 1/2" | ES 15-10-01 | ES 15-10-02 | ES 15-10-03 | ES 15-10-04 |

**Satz, für Erwachsene  
Set, for adults**



**Richnau Holmgren**



|  | Fig. 0      | Fig. 1      | Fig. 2      | Fig. 3      |
|--|-------------|-------------|-------------|-------------|
|  | 3 mm Ø      | 4 mm Ø      | 5 mm Ø      | 6 mm Ø      |
|  | ES 15-15-01 | ES 15-15-02 | ES 15-15-03 | ES 15-15-04 |

**Ohrspekula : Ear specula**

**Spéculums auriculaires : Espéculos auriculares**

**Specoli auricolari**



| Gruber |  1:1 |  1:1 |  1:1 |  1:1 |
|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|        | Fig. 1                                                                                | Fig. 2                                                                                | Fig. 3                                                                                | Fig. 4                                                                                  |
|        | a = 4.5 mm                                                                            | a = 5.5 mm                                                                            | a = 6.5 mm                                                                            | a = 7.5 mm                                                                              |
|        | ES 15-20-01                                                                           | ES 15-20-02                                                                           | ES 15-20-03                                                                           | ES 15-20-04                                                                             |

**Satz für Erwachsene**

*Set for adults*



| Gruber |  1:1 |  1:1 |  1:1 |  1:1 |
|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|        | Fig. 1                                                                                | Fig. 2                                                                                | Fig. 3                                                                                | Fig. 4                                                                                  |
|        | 4.5 mm Ø                                                                              | 5.5 mm Ø                                                                              | 6.5 mm Ø                                                                              | 7.5 mm Ø                                                                                |
|        | ES 15-25-01                                                                           | ES 15-25-02                                                                           | ES 15-25-03                                                                           | ES 15-25-04                                                                             |

**Satz für Erwachsene**

*Set for adults*



| Zoller |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
|--------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|        | Fig. 1                                                                                  | Fig. 2                                                                                  | Fig. 3                                                                                  | Fig. 4                                                                                   | Fig. 5                                                                                    | Fig. 6                                                                                    |
|        | 5.5 x 6.5 mm                                                                            | 6.5 x 7.5 mm                                                                            | 7.5 x 8.5 mm                                                                            | 8.5 x 9.5 mm                                                                             | 9.5 x 10.5 mm                                                                             | 10.5 x 11.5 mm                                                                            |
|        | ES 15-30-01                                                                             | ES 15-30-02                                                                             | ES 15-30-03                                                                             | ES 15-30-04                                                                              | ES 15-30-05                                                                               | ES 15-30-06                                                                               |

**Satz für Erwachsene, schwarz**

*Set for adults, black*



| Politzer |  1:1 |  1:1 |  1:1 |  1:1 |
|----------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|          | Fig. 1                                                                                  | Fig. 2                                                                                  | Fig. 3                                                                                  | Fig. 4                                                                                    |
|          | 2 mm Ø                                                                                  | 3 mm Ø                                                                                  | 4 mm Ø                                                                                  | 5 mm Ø                                                                                    |
|          | ES 15-35-01                                                                             | ES 15-35-02                                                                             | ES 15-35-03                                                                             | ES 15-35-04                                                                               |

**Satz für Erwachsene**

*Set for adults*

**Ohrspekula : Ear specula**

**Spéculums auriculaires : Espéculos auriculares**

**Specoli auricolari**



| Boucharon |  1:1 |  1:1 |  1:1 |  1:1 |
|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|           | Fig. 1                                                                                | Fig. 2                                                                                | Fig. 3                                                                                  | Fig. 4                                                                                  |
|           | 4.5 mm Ø                                                                              | 5.5 mm Ø                                                                              | 6.5 mm Ø                                                                                | 7.5 mm Ø                                                                                |
|           | ES 15-40-01                                                                           | ES 15-40-02                                                                           | ES 15-40-03                                                                             | ES 15-40-04                                                                             |

**Satz für Erwachsene**

*Set for adults*



| Boucharon |  1:1 |  1:1 |  1:1 |
|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|           | Fig. 0                                                                                | Fig. 1                                                                                | Fig. 2                                                                                  |
|           | 3.0 mm Ø                                                                              | 4.5 mm Ø                                                                              | 5.5 mm Ø                                                                                |
|           | ES 15-45-01                                                                           | ES 15-45-02                                                                           | ES 15-45-03                                                                             |

**Satz für Kinder**

*Set for children*



| Hartmann |  1:1 |  1:1 |  1:1 |  1:1 |
|----------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|          | Fig. 1                                                                                  | Fig. 2                                                                                  | Fig. 3                                                                                    | Fig. 4                                                                                    |
|          | 4.5 mm Ø                                                                                | 5.5 mm Ø                                                                                | 6.5 mm Ø                                                                                  | 7.5 mm Ø                                                                                  |
|          | ES 15-50-01                                                                             | ES 15-50-02                                                                             | ES 15-50-03                                                                               | ES 15-50-04                                                                               |

**Satz für Erwachsene**

*Set for adults*



| Hartmann |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
|----------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|          | Fig. 1                                                                                  | Fig. 2                                                                                  | Fig. 3                                                                                    | Fig. 4                                                                                    | Fig. 5                                                                                    |
|          | 2.0 mm Ø                                                                                | 3.5 mm Ø                                                                                | 5.0 mm Ø                                                                                  | 6.5 mm Ø                                                                                  | 7.5 mm Ø                                                                                  |
|          | ES 15-55-01                                                                             | ES 15-55-02                                                                             | ES 15-55-03                                                                               | ES 15-55-04                                                                               | ES 15-55-05                                                                               |

**Satz für Erwachsene, schwarz**

*Set for adults, black*

**Ohrküretten : Ear cures**

**Curettes auriculaires : Curetas auriculares**

**Curette auricolari**



|                 |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                         |                                                                                         |                                                                                         |
|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Buck</b>     |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
|                 | Fig. 000                                                                              | Fig. 00                                                                               | Fig. 0                                                                                | Fig. 1                                                                                | Fig. 2                                                                                | Fig. 3                                                                                  | Fig. 4                                                                                  | Fig. 5                                                                                  |
| 165 mm – 6 1/2" | EC 15-10-01                                                                           | EC 15-10-02                                                                           | EC 15-10-03                                                                           | EC 15-10-04                                                                           | EC 15-10-05                                                                           | EC 15-10-06                                                                             | EC 15-10-07                                                                             | EC 15-10-08                                                                             |

**stumpf**  
**blunt**  
mousse  
roma  
smussa

|                 |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
|                 | Fig. 000                                                                                | Fig. 00                                                                                 | Fig. 0                                                                                  | Fig. 1                                                                                  | Fig. 2                                                                                  | Fig. 3                                                                                    | Fig. 4                                                                                    | Fig. 5                                                                                    |
| 165 mm – 6 1/2" | EC 15-15-01                                                                             | EC 15-15-02                                                                             | EC 15-15-03                                                                             | EC 15-15-04                                                                             | EC 15-15-05                                                                             | EC 15-15-06                                                                               | EC 15-15-07                                                                               | EC 15-15-08                                                                               |

**scharf**  
**sharp**  
tranchante  
cortante  
tagliante



**Abbildungen zeigen den Außendurchmesser.**

**Pictures show the outer diameter.**

Illustrations représentent le diamètre externe.

Ilustraciones presentan el diametro externo. Le

illustrazioni mostrano il diametro esterno.



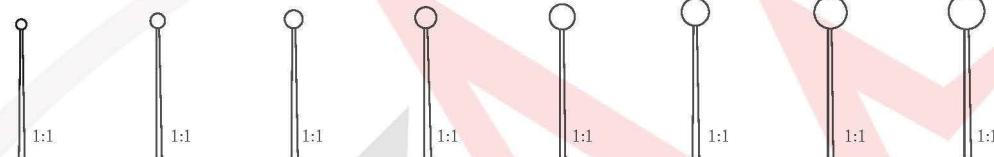
**Ohrküretten : Ear cures**

**Curettes auriculaires : Curetas auriculares**

**Curette auricolari**



**Buck**



|                 | Fig. 000    | Fig. 00     | Fig. 0      | Fig. 1      | Fig. 2      | Fig. 3      | Fig. 4      | Fig. 5      |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 165 mm – 6 1/2" | EC 15-20-01 | EC 15-20-02 | EC 15-20-03 | EC 15-20-04 | EC 15-20-05 | EC 15-20-06 | EC 15-20-07 | EC 15-20-08 |

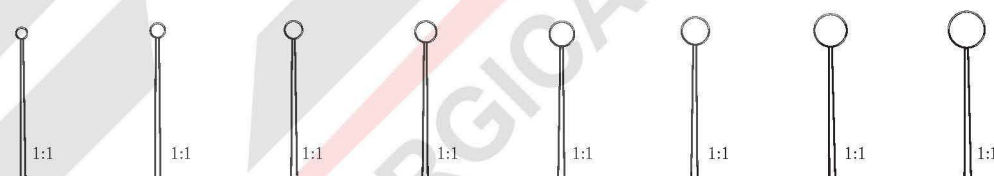
**gebogen, stumpf**

**curved, blunt**

**courbe, tranchante**

**curva, cortante**

**curva, smussa**



|                 | Fig. 000    | Fig. 00     | Fig. 0      | Fig. 1      | Fig. 2      | Fig. 3      | Fig. 4      | Fig. 5      |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 165 mm – 6 1/2" | EC 15-25-01 | EC 15-25-01 | EC 15-25-01 | EC 15-25-01 | EC 15-25-01 | EC 15-25-01 | EC 15-25-01 | EC 15-25-01 |

**gebogen, scharf**

**curved sharp**

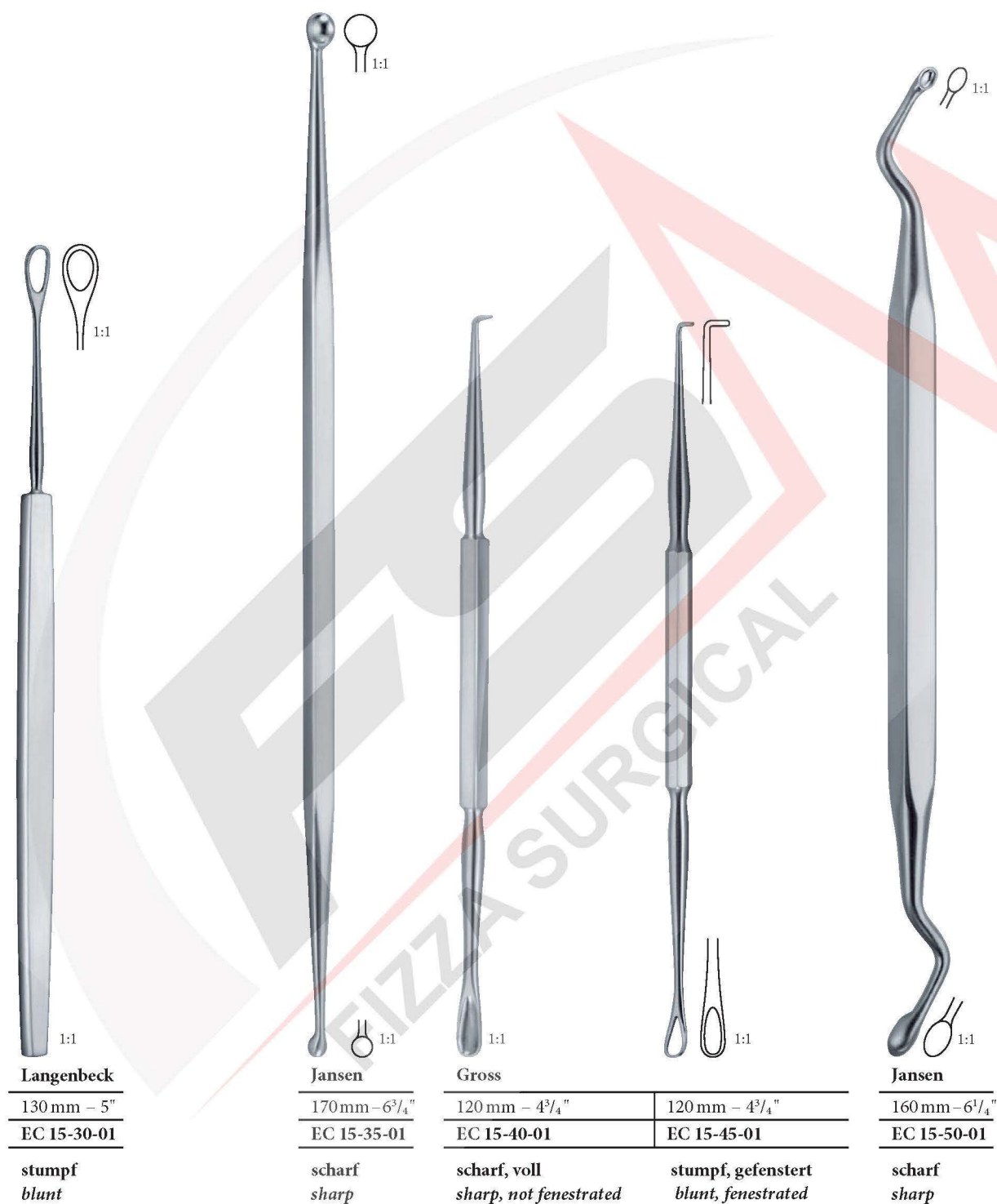
**courbe, pointue**

**curva, aguda**

**curva, tagliente**

1:1

**Ohrküretten und scharfe Löffel**  
**Ear cures and sharp spoons**  
**Curettes auriculaires et cuillères tranchantes**  
**Curetas y cucharillas auriculares cortantes**  
**Curette auricolari e cucchiari taglienti**



**Ohrschlingen – Håkchen**  
**Ear loops – hooks**  
**Anses – crochets auriculaires**  
**Asas – ganchos auriculares**  
**Anse – uncini auricolari**



1:2

**Billeau**

165 mm – 6 1/2"



1:1



1:1



1:1

EH 15-10-01

EH 15-10-02

EH 15-10-03



1:2

**Lucae**

140 mm – 5 1/2"



1:1



1:1



1:1

EH 15-15-01

EH 15-15-02

EH 15-15-03



1:2

**Wagener**

140 mm – 5 1/2"



1:1



1:1



1:1



1:1



1:1



1:1



1:1

EH 15-20-01

EH 15-20-02

EH 15-20-03

EH 15-20-04

EH 15-20-05

EH 15-20-06

EH 15-20-07

**Ohrhäkchen – Messer**  
**Ear hooks – knives**  
**Crochets – couteaux auriculaires**  
**Ganchos – cuchillos auriculares**  
**Uncini – coltelli auricolari**



| Day                                     |  1:1 |  1:1 |
|-----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 160mm – 6 <sup>1</sup> / <sub>4</sub> " | EH 15-25-01                                                                           | EH 15-26-01                                                                           |

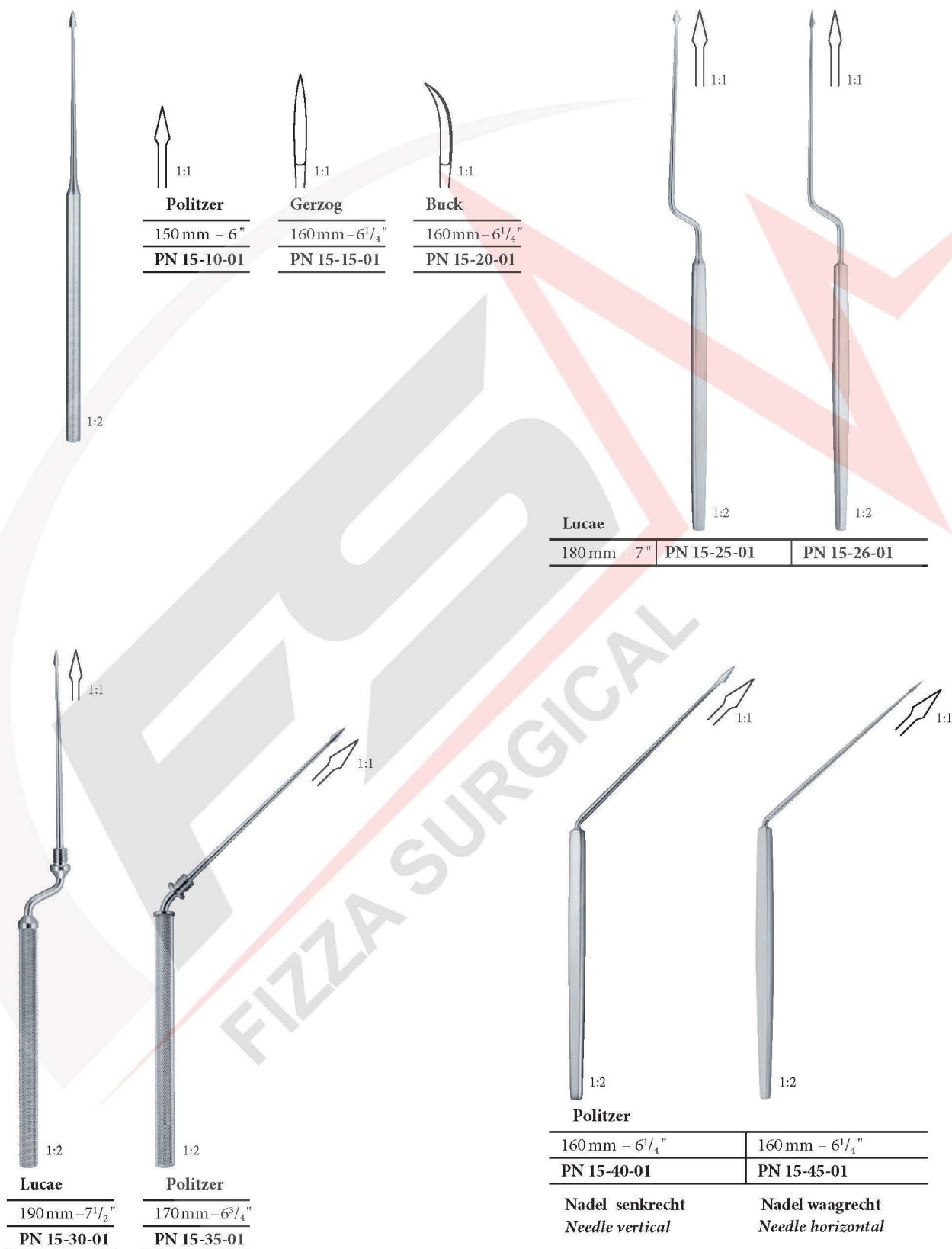


| Muck                                     |
|------------------------------------------|
| 135 mm – 5 <sup>1</sup> / <sub>4</sub> " |
| EH 15-30-01                              |



| Gerzog-sexton                            |
|------------------------------------------|
| 170 mm – 6 <sup>3</sup> / <sub>4</sub> " |
| EH 15-35-01                              |

**Parazentesenadeln**  
**Paracentesis needles**  
**Aiguilles de paracentèse**  
**Agujas para paracentesis**  
**Aghi per paracentesi**





**Ohrpolypenschnürer**  
*Ear polypus snares*  
*Serre noeuds auriculaires*  
*Polipótomos auriculares*  
*Serranodi auricolari*



|          |               |
|----------|---------------|
|          | 10 m – 33 ft. |
| 0.3 mm Ø | EP 15-10-01   |
| 0.4 mm Ø | EP 15-10-02   |



|                   |             |
|-------------------|-------------|
| 0.2 mm Ø x 75 mm  | EP 15-15-01 |
| 0.3 mm Ø x 100 mm | EP 15-15-02 |

**in Bündeln mit 12 Stück**  
*in bundles of 12 pieces*



**Krause**  
 160 mm – 6<sup>1</sup>/<sub>4</sub>" EP 15-100-01



**Krause-Voss**  
 160 mm – 6<sup>1</sup>/<sub>4</sub>" EP 15-105-01

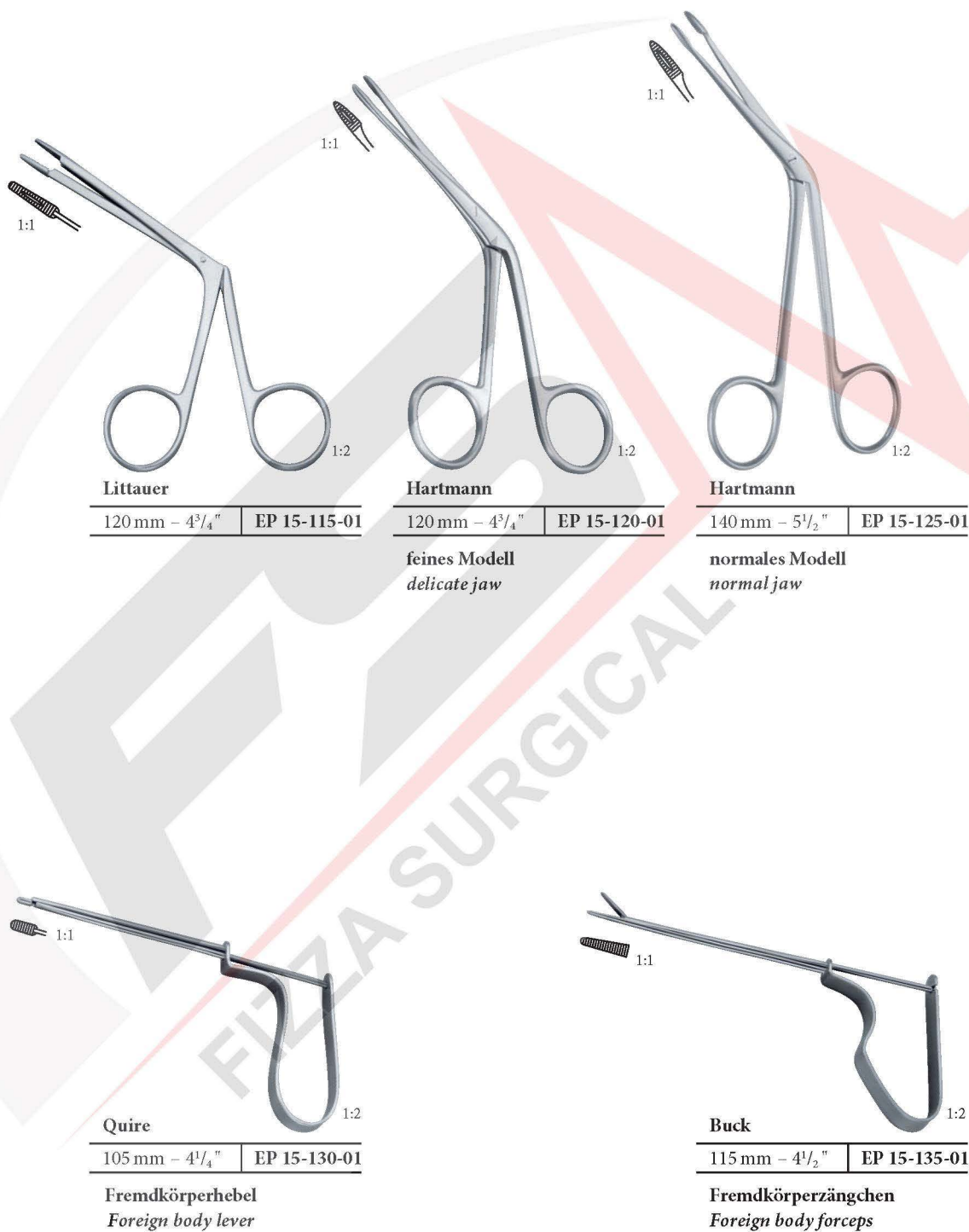


**Lange-Wilde**  
 170 mm – 6<sup>3</sup>/<sub>4</sub>" EP 15-110-01

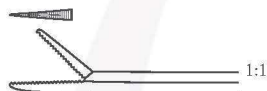
**Ohrpolypenzangen : Ear polypus forceps**

**Pinces pour polypes auriculaires : Pinzas para pólipos auriculares**

**Pinze per polipi auricolari**



**Ohrzängchen : Ear forceps**  
**Pinces auriculaires : Pinzas auriculares**  
**Pinze auricolari**



**Hartmann-Wullstein**

x = 85 mm – 3 1/4" EF 15-100-01



**Hartmann-Wullstein**

|                    |              |
|--------------------|--------------|
|                    | 1 mm Ø       |
| x = 85 mm – 3 1/4" | EF 15-105-01 |



**Hartmann**

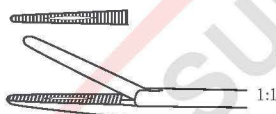
|                     |              |
|---------------------|--------------|
| x = 85 mm – 3 1/4"  | EF 15-110-01 |
| x = 140 mm – 5 1/2" | EF 15-110-02 |
| x = 160 mm – 6 1/4" | EF 15-110-03 |



**Haetmann**

|                     |              |
|---------------------|--------------|
| x = 85 mm – 3 1/4"  | EF 15-115-01 |
| x = 140 mm – 5 1/2" | EF 15-115-01 |

1x2



**Hartmann-Noyes**

|                    |              |
|--------------------|--------------|
| x = 90 mm – 3 1/2" | EF 15-120-01 |
|--------------------|--------------|



**Hartmann**

|          |                    |
|----------|--------------------|
|          | x = 85 mm – 3 1/4" |
| 2.0 mm Ø | EF 15-135-01       |
| 2.5 mm Ø | EF 15-135-02       |
| 3.0 mm Ø | EF 15-135-03       |



**Hartmann-Weingartner**

|                    |              |
|--------------------|--------------|
| x = 85 mm – 3 1/4" | EF 15-130-01 |
|--------------------|--------------|

**Struempel**



|    |                    |
|----|--------------------|
|    | x = 85 mm – 3 1/4" |
| 0° | EF 15-125-01       |



|     |              |
|-----|--------------|
| 45° | EF 15-125-02 |
|-----|--------------|



|     |              |
|-----|--------------|
| 90° | EF 15-125-03 |
|-----|--------------|

**Ohrzängchen : Ear forceps**  
**Pinces auriculaires : Pinzas auriculares**  
**Pinze auricolari**



**Hartmann**

|                 |              |
|-----------------|--------------|
| 4x0,4 mm, 80 mm | EF 15-140-01 |
| 4x0,5 mm, 80 mm | EF 15-140-02 |



## SURGERY HNO – ENT

Mikro-Ohrzängchen : *Micro ear forceps*

*Micro pinces auriculaires : Micro-pinzas auriculares*

*Micro-pinze auricolari*



**McGee**



3.5 mm x 0.8 mm | EF 15-145-01

**Drahtbiegezängchen**  
*Wire bending forceps*

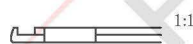
**Fuller**



80 mm – 3 1/4" | EF 15-150-01

**Einführungszängchen für Teflonprothesen**  
*Introducing forceps for teflon prosthesis*

**Dieter**

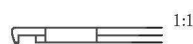


x – 80 mm – 3 1/4"

EF 15-155-01

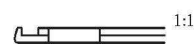
**Hammerkopffzängchen**  
*Malleus nipper*

oben schneidend



EF 15-155-02

unten schneidend  
*down-cutting*



EF 15-155-03

rechts schneidend  
*right-cutting*

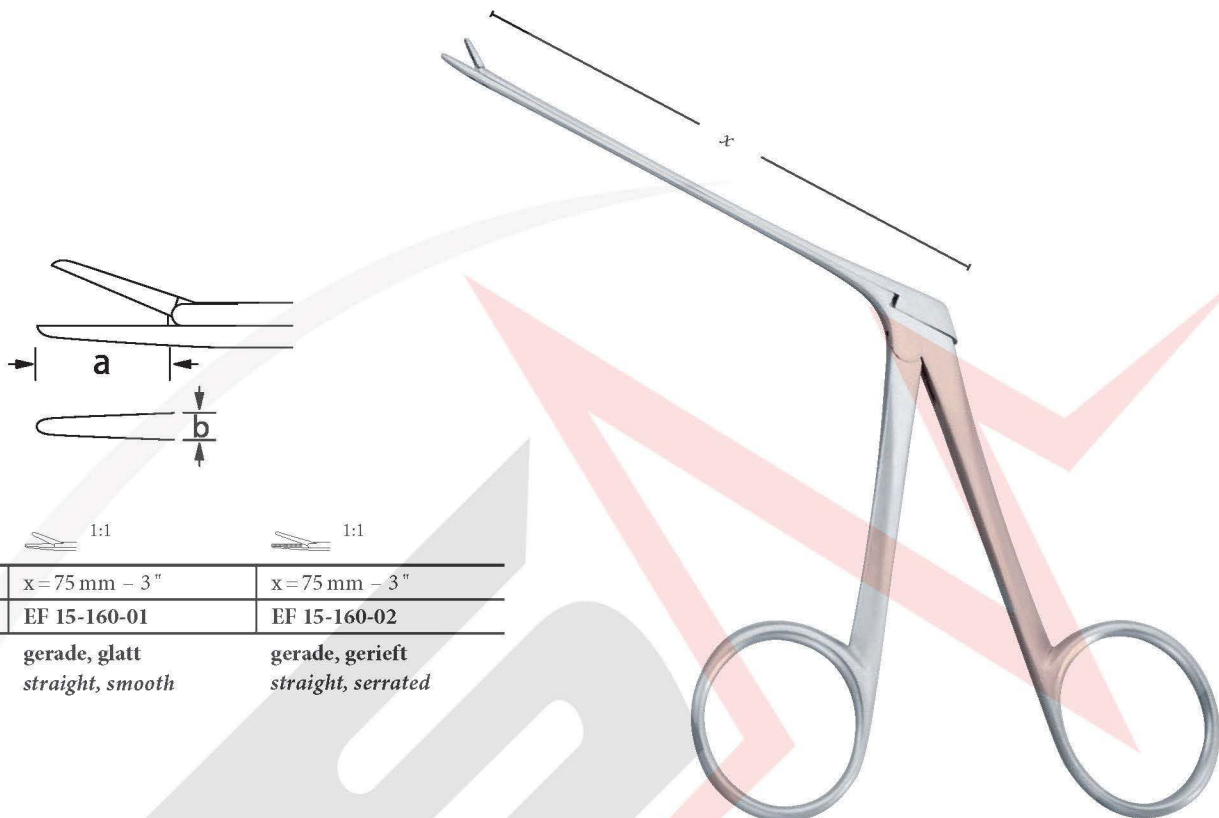


EF 15-155-04

links schneidend



**Mikro-Ohrzängchen : Micro ear forceps**  
**Micro pinces auriculaires : Micro-pinzas auriculares**  
**Micro-pinze auricolari**



**Mini McGee**

|                 |  1:1 |  1:1 |
|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a x b           | x = 75 mm – 3"                                                                        | x = 75 mm – 3"                                                                        |
| 3.5 mm x 0.6 mm | <b>EF 15-160-01</b>                                                                   | <b>EF 15-160-02</b>                                                                   |
|                 | gerade, glatt<br>straight, smooth                                                     | gerade, gerieft<br>straight, serrated                                                 |

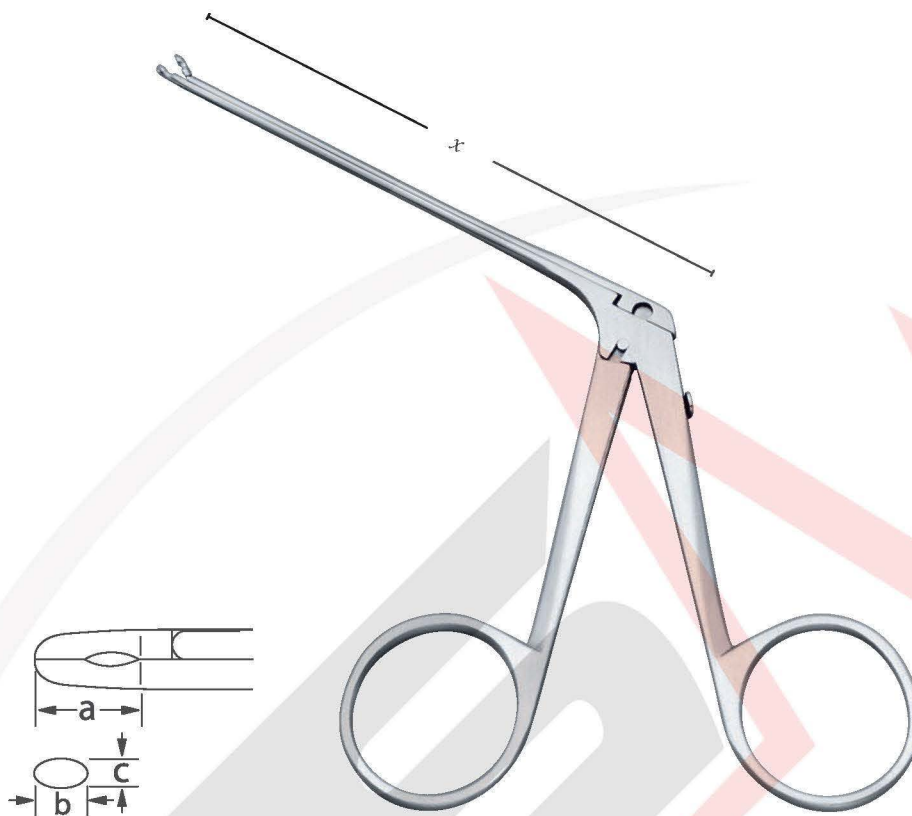
|                 |  1:1 |  1:1 |  1:1 |
|-----------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| a x b           | x = 75 mm – 3"                                                                          | x = 75 mm – 3"                                                                          | x = 75 mm – 3"                                                                            |
| 3.5 mm x 0.6 mm | <b>EF 15-161-01</b>                                                                     | <b>EF 15-161-02</b>                                                                     | <b>EF 15-161-03</b>                                                                       |
| 4.0 mm x 0.8 mm | <b>EF 15-162-01</b>                                                                     | <b>EF 15-162-02</b>                                                                     | <b>EF 15-162-03</b>                                                                       |
|                 | gerade, glatt<br>straight, smooth                                                       | gerade, gerieft<br>straight, serrated                                                   | aufgebogen, gerieft<br>curved upwards, serrated                                           |

|                 |  1:1 |  1:1 |  1:1 |
|-----------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| a x b           | x = 75 mm – 3"                                                                          | x = 75 mm – 3"                                                                          | x = 75 mm – 3"                                                                            |
| 3.5 mm x 0.6 mm | <b>EF 15-163-01</b>                                                                     | <b>EF 15-163-02</b>                                                                     | <b>EF 15-163-03</b>                                                                       |
| 4.0 mm x 0.8 mm | <b>EF 15-164-01</b>                                                                     | <b>EF 15-164-02</b>                                                                     | <b>EF 15-164-03</b>                                                                       |
|                 | rechts gebogen, gerieft<br>curved to right, serrated                                    | links gebogen, gerieft<br>curved to left, serrated                                      | abwärts gebogen, gerieft<br>angled down, serrated                                         |

**Mikro-Löffelzängchen : Micro cup forceps**

**Micro pinces auriculaires à cuillère : Micro-pinzas auriculares a cucharilla**

**Micro-pinze auricolari a cucchiaio**



x = 75 mm – 3 "

x = 75 mm – 3 "

x = 75 mm – 3 "

a=4.0mm  
b=1.0mm x c=0.9  
mm

EF 15-165-01

EF 15-165-02

EF 15-165-03

gerade, oval  
straight, oval

aufgebogen, oval  
curved upwards, oval

links gebogen, oval  
curved to left, oval



x = 75 mm – 3 "

x = 75 mm – 3 "

a=4.0mm  
b=1.0mm x c=0.9  
mm

EF 15-166-01

EF 15-166-02

rechts gebogen, oval  
curved to right, oval

abwärts gebogen, oval  
curved downwards, oval

**Mikro-Löffelzängchen : Micro cup forceps**

**Micro pinces auriculaires à cuillère : Micro-pinzas auriculares a cucharilla**

**Micro-pinze auricolari a cucchiaio**

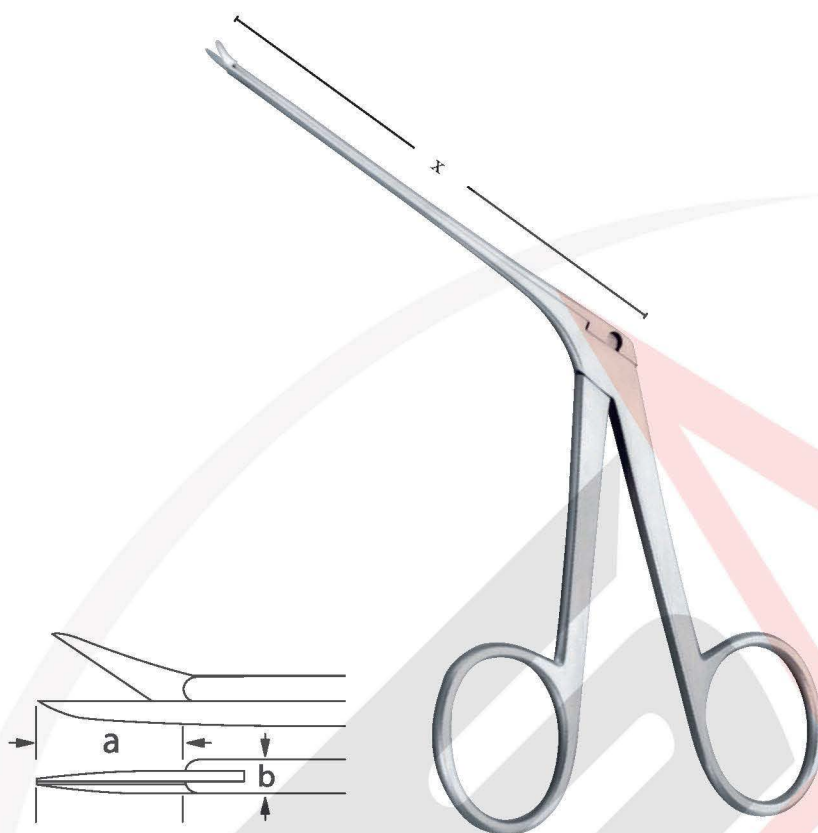


|                                                                                         |                    |                                                                                          |                    |
|-----------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------|--------------------|
|  1:1 |                    |  1:1 |                    |
|                                                                                         | x = 80 mm – 3 1/4" |                                                                                          | x = 80 mm – 3 1/4" |
| a = 3.5 mm<br>b = 0.6 mm x c = 0.5 mm                                                   | EF 15-170-01       |                                                                                          | EF 15-170-02       |
| a = 4.0 mm<br>b = 1.0 mm x c = 0.9 mm                                                   | EF 15-171-01       |                                                                                          | EF 15-171-02       |
| gerade, oval<br>straight, oval                                                          |                    | aufgebogen, oval<br>curved upwards, oval                                                 |                    |
|  1:1 |                    |  1:1 |                    |
|                                                                                         | x = 80 mm – 3 1/4" |                                                                                          | x = 80 mm – 3 1/4" |
| a = 3.5 mm<br>b = 0.6 mm x c = 0.5 mm                                                   | EF 15-175-01       |                                                                                          | EF 15-175-02       |
| a = 4.0 mm<br>b = 1.0 mm x c = 0.9 mm                                                   | EF 15-176-01       |                                                                                          | EF 15-176-02       |
| rechts gebogen, oval<br>curved to right, oval                                           |                    | aufgebogen, oval<br>curved to left, oval                                                 |                    |

**Mikro-Ohrscheren : Micro ear scissors**

**Micro ciseaux auriculaires : Micro-tijeras para oídos**

**Micro-forbici auricolari**



| Belucci                |                                              | 1:1 | 1:1                                                      |
|------------------------|----------------------------------------------|-----|----------------------------------------------------------|
| a x b                  | x = 75 mm – 3"                               |     | x = 75 mm – 3"                                           |
| 4.0 mm x 0.8 mm        | EF 15-180-01                                 |     | EF 15-180-02                                             |
| sehr fein<br>very fine | gerade, spitz/spitz<br>straight, sharp/sharp |     | aufgebogen, stumpf/stumpf<br>curved upwards, blunt/blunt |

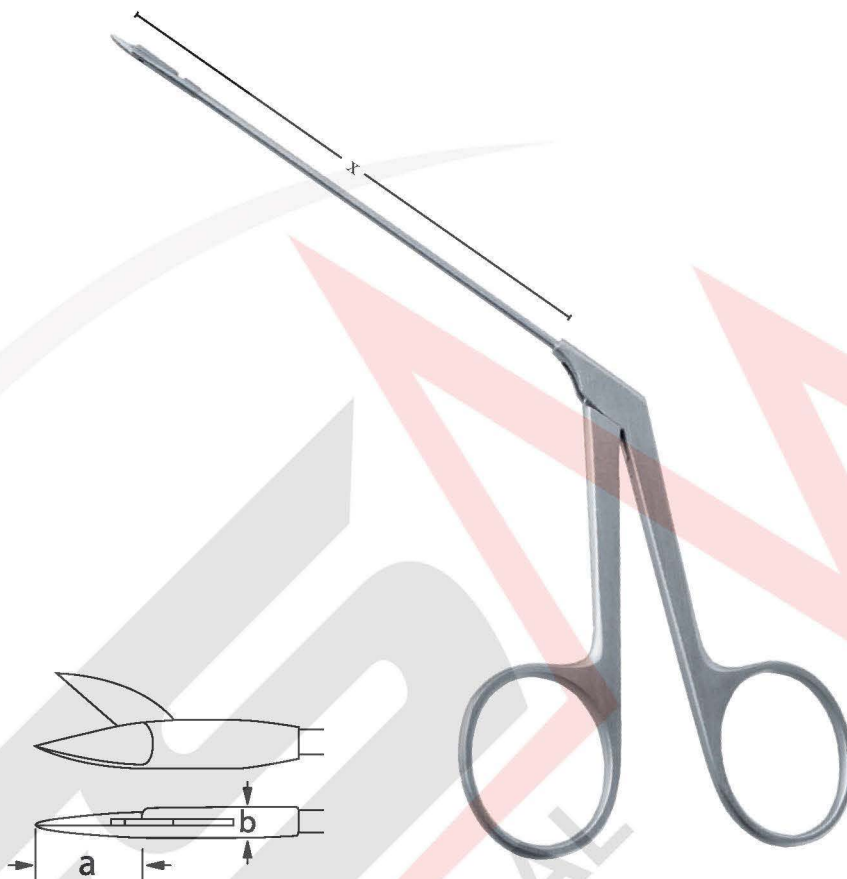
|                        | 1:1                                                         | 1:1                                                       |
|------------------------|-------------------------------------------------------------|-----------------------------------------------------------|
| a x b                  | x = 75 mm – 3"                                              | x = 75 mm – 3"                                            |
| 4.0 mm x 0.8 mm        | EF 15-181-01                                                | EF 15-181-02                                              |
| sehr fein<br>very fine | rechts gebogen, spitz/spitz<br>curved to right, sharp/sharp | links gebogen, spitz/spitz<br>curved to left, sharp/sharp |

|                                               | 1:1            |
|-----------------------------------------------|----------------|
|                                               | x = 75 mm – 3" |
| 4.0 mm x 0.8 mm                               | EF 15-181-03   |
| gerade, spitz/stumpf<br>straight, sharp/blunt |                |

**Mikro-Ohrscheren : Micro ear scissors**

**Micro ciseaux auriculaires : Micro-tijeras para oídos**

**Micro-forbici auricolari**



| Wullstein       |                                              | 1:1                                                    | 1:1                                                    |
|-----------------|----------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| a x b           | x = 80 mm – 3 1/4 "                          | x = 80 mm – 3 1/4 "                                    | x = 80 mm – 3 1/4 "                                    |
| 4.0 mm x 0.8 mm | ES 15-185-01                                 | ES 15-185-02                                           | ES 15-185-02                                           |
|                 | gerade, spitz/spitz<br>straight, sharp/sharp | aufgebogen, spitz/spitz<br>curved upwards, sharp/sharp | aufgebogen, spitz/spitz<br>curved upwards, sharp/sharp |

| Wullstein       |                                                             | 1:1                                                       | 1:1                                                       |
|-----------------|-------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| a x b           | x = 80 mm – 3 1/4 "                                         | x = 80 mm – 3 1/4 "                                       | x = 80 mm – 3 1/4 "                                       |
| 4.0 mm x 0.8 mm | ES 15-186-01                                                | ES 15-186-02                                              | ES 15-186-02                                              |
|                 | rechts gebogen, spitz/spitz<br>curved to right, sharp/sharp | links gebogen, spitz/spitz<br>curved to left, sharp/sharp | links gebogen, spitz/spitz<br>curved to left, sharp/sharp |



**Ohr Mikro-Raspatorien und Sonden : *Micro ear-raspatories and probes***  
***Micro-raspatori e sonde auricolari***



|                 |                                                                                   |                                                                                   |                                                                                    |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Plester</b>  |  |  |  |
|                 | 1:1                                                                               | 1:1                                                                               | 1:1                                                                                |
| 160 mm – 6 1/4" | <b>EP15-190-01</b>                                                                | <b>EP 15-190-02</b>                                                               | <b>EP 15-190-03</b>                                                                |

**Führungsgabel**  
*Wire guide*

**Raspatorium**  
*Raspatory*

**Elevatorium**  
*Elevator*

|                                                                                    |                                                                                    |                                                                                     |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
|  |  |  |                     |
| 1:1                                                                                | 1:1                                                                                | 1:1                                                                                 |                     |
| 1.8 mm                                                                             | 1.0 mm                                                                             |                                                                                     |                     |
| 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                           | <b>EP 15-195-01</b>                                                                | <b>EP 15-195-02</b>                                                                 | <b>EP 15-195-03</b> |
| <b>Raspatorium</b><br><i>Raspatory</i>                                             | <b>Raspatorium</b><br><i>Raspatory</i>                                             | <b>Dissektor, doppelt links gebogen</b><br><i>Dissector, double curved left</i>     |                     |

|                                                                                     |                                                                                     |                                                                                                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|  |  |                                                                                                        |
| 1:1                                                                                 | 1:1                                                                                 |                                                                                                        |
| 160mm – 6 1/4"                                                                      | EP 15-200-01                                                                        | EP 15-200-02                                                                                           |
| Dissektor, doppelt<br>rechts gebogen<br><i>Dissector, double<br/>curved right</i>   |                                                                                     | Handinstrument zum<br>Andrücken von Drahtprothesen<br><i>Instrument for placing<br/>wire prothesis</i> |

|              |                     |
|--------------|---------------------|
| <b>House</b> |                     |
|              | 160 mm – 6 1/4"     |
| 3.5 mm       | <b>EP 15-205-01</b> |
| 4.0 mm       | <b>EP 15-205-02</b> |
| 4.5 mm       | <b>EP 15-205-03</b> |
| 5.0 mm       | <b>EP 15-205-04</b> |

**Messsonde**  
*Measuring rod*

**Ohrschneidmesser – Rundschnittmesser**  
**Ear sickleknives – Circular cutting knife**  
**Couteaux faucilles – Couteaux ronds**  
**Cuchillos en forma de hoz – Cuchillos redondos**  
**Coltelli auricolari**



|              |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Rosen</b> |  |  |  |  |
|              | 1:1                                                                               | 1:1                                                                               | 1:1                                                                                 | 1:1                                                                                 |
|              | 1.5 mm Ø – 90°                                                                    | 45°                                                                               | 45°                                                                                 |                                                                                     |
|              | 160 mm – 6 1/4"                                                                   | EK 15-210-01                                                                      | EK 15-210-02                                                                        | EK 15-210-03                                                                        |
|              | <b>Rundschnittmesser</b><br><i>Circular cutting</i>                               | <b>Trommelfellmesser</b><br><i>r Tympanum knife</i>                               | <b>Lanzenmesser</b><br><i>Lancet knife</i>                                          | <b>Lanzenmesser</b><br><i>Lancet knife</i>                                          |

|                   |                                                                                    |                                                                                    |                                                                                       |                                                                                       |
|-------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Schuknecht</b> |  |  |  |  |
|                   | 1:1                                                                                | 1:1                                                                                | 1:1                                                                                   | 1:1                                                                                   |
|                   | 160 mm – 6 1/4"                                                                    | EK 15-215-01                                                                       | EK 15-215-02                                                                          | EK 15-220-01                                                                          |
|                   | <b>Rollermesser, parallel</b><br><i>Roller knife, parallel</i>                     | <b>Rollermesser, rechtwinklig</b><br><i>Roller knife, right angled</i>             | <b>Sichelmesser, leicht gebogen</b><br><i>Sickle knife, slightly curved</i>           | <b>Diszisionsmesser, gerade</b><br><i>Discision knife, straight</i>                   |

|                |                                                                                     |                                                                                     |                                                                                       |                                        |                                                                                       |              |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|--------------|
| <b>Plester</b> |  |  |  |                                        |  |              |
|                | 1:1                                                                                 | 1:1                                                                                 |                                                                                       |                                        |                                                                                       |              |
|                | 160 mm – 6 1/4"                                                                     | EK 15-225-01                                                                        |                                                                                       |                                        |                                                                                       |              |
|                | <b>Lappenmesser</b><br><i>Flap knife</i>                                            |                                                                                     |                                                                                       |                                        |                                                                                       |              |
|                |                                                                                     | 45°                                                                                 | 160 mm – 6 1/4"                                                                       | <b>Zollner</b>                         |                                                                                       |              |
|                |                                                                                     | 3.0 mm Ø                                                                            | EK 15-230-01                                                                          | 1 mm                                   | 1 mm                                                                                  |              |
|                |                                                                                     | 2.6 mm Ø                                                                            | EK 15-230-02                                                                          | 160 mm – 6 1/4"                        | EK 15-235-01                                                                          | EK 15-235-02 |
|                |                                                                                     | 2.0 mm Ø                                                                            | EK 15-230-03                                                                          | <b>Raspatorium</b><br><i>Raspatory</i> | <b>Raspatorium</b><br><i>Raspatory</i>                                                |              |
|                |                                                                                     | 1.5 mm Ø                                                                            | EK 15-230-04                                                                          |                                        |                                                                                       |              |
|                |                                                                                     | 1.0 mm Ø                                                                            | EK 15-230-05                                                                          |                                        |                                                                                       |              |

**Rundschnittmesser**  
**Circular cutting Knife**

## SURGERY HNO – ENT

**Mikro-Ohrinstrumente : Instruments for micro ear-surgery**  
**Instrumentes pour la micro-chirurgie auriculaire**  
**Instrumentos para la micro-cirugía auricular**  
**Strumenti per micro-chirurgia auricolare**



**Zöllner**



90°

90°

**EM 15-240-01**

**EM 15-240-02**

**EM 15-240-03**

**Rundschnittmesser, nach oben gebogen**  
*Round knife, angled up*

**Rundschnittmesser, nach unten gebogen**  
*Round knife, angled down*

**Sichelmesser, nach oben gebogen**  
*Sickle knife, angled up*



**EM 15-240-04**

**EM 15-240-05**

**EM 15-240-06**

**Sichelmesser, nach unten gebogen**  
*Sickle knife, angled down*

**Lanzenmesser, links gebogen**  
*Lancet knife, curved to left*

**Lanzenmesser, rechts gebogen**  
*Lancet knife, curved to right*



**EM 15-240-07**

**EM 15-240-08**

**EM 15-240-09**

**Raspatorium, links gebogen**  
*Raspatory, curved to left*

**Raspatorium, rechts gebogen**  
*Raspatory, curved to right*

**Führungsgabel**  
*Wire guide*

**Mikro-Ohrinstrumente**  
*Instruments for micro ear-surgery*  
*Instruments pour la micro-chirurgie auriculaire*  
*Instrumentos para la micro-cirugía auricular*  
*Strumenti per micro-chirurgia auricolare*



**Zollner**

1:1



1:1



1:1

**EM 15-245-01**

**Nadel fein, gerade, spitz**  
*Needle fine, straight, sharp*

**EM 15-245-02**

**Häkchen, nach oben gebogen**  
*Hook, angled up*

**EM 15-245-03**

**Häkchen, nach unten gebogen**  
*Hook, angled down*



1:1



1:1



1:1

0.5 mm – 90°

**EM 15-245-04**

**Häkchen, nach oben gebogen**  
*Hook, angled up*

0.5 mm – 90°

**EM 15-245-05**

**Häkchen, nach unten gebogen**  
*Hook, angled down*

1.0 mm – 45°

**EM 15-245-06**

**Häkchen, nach oben gebogen**  
*Hook, angled up*



1:1



1:1



1:1

1.0 mm – 45°

**EM 15-245-07**

**Häkchen, nach unten gebogen**  
*Hook, angled down*

1.0 mm

**EM 15-245-08**

**Häkchen, rund nach oben gebogen**  
*Hook, curved up*

1.0 mm

**EM 15-245-09**

**Häkchen, rund nach unten gebogen**  
*Hook, curved down*

**Stimmgabeln : Tuning forks**

**Diapasons : Diapasones**

**Diapasoni**



1:2

**Lucae**

c 128

TF 15-250-01

verschiebbar bis h  
variable up to h (engl. b)



1:2

**Rydel-Seiffer**

C 64 / c 128

TF15-255-01

mit Dämpfer C64, ohne Dämpfer c 128  
with clamps C64, without clamps c 128



1:2

1:2

**French**

C<sub>2</sub>16

TF 15-260-01

C<sub>1</sub>32

TF 15-261-01



Stimmgabeln : Tuning forks

Diapasons : Diapasones

Diapasoni



**Lärmtrommel** | Assourdisseur  
**Noise drum** | Aparato de ruido  
Assordatore



**Barany**  
**ND 15-275-01**

Stimmgabeln : Tuning forks

Diapasons : Diapasones

Diapasoni



**Hartmann**

|              |                    |                    |                     |                     |                     |
|--------------|--------------------|--------------------|---------------------|---------------------|---------------------|
| c 128        | c <sup>1</sup> 256 | c <sup>2</sup> 512 | c <sup>3</sup> 1024 | c <sup>4</sup> 2048 | C <sup>5</sup> 4096 |
| TF 15-280-01 | TF 15-280-02       | TF 15-280-03       | TF 15-280-04        | TF 15-280-05        | TF 15-280-06        |

**Stimmgabeln : Tuning forks**

**Diapasons : Diapasones**

**Diapasoni**



## SURGERY HNO – ENT

Mikro-Ohrnadeln und Häkchen : *Micro ear-needles and hooks*

*Micro-aiguilles et crochets auriculaires : Micro-agujas y ganchos auriculares*

*Micro-uncini ed aghi auricolari*

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| 1:1                                                                               | 1:1                                                                               | 1:1                                                                                 |
| 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                          | 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                          | 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                            |
| MN 15-290-01                                                                      | MN 15-290-02                                                                      | MN 15-290-03                                                                        |
| Nadel fein, gerade, spitz<br><i>Needle fine, straight, sharp</i>                  | Nadel, leicht gebogen, spitz<br><i>Needle, slightly curved, sharp</i>             | Nadel, stark gebogen, spitz<br><i>Needle, strong curved, sharp</i>                  |

|                                                                                    |                                                                                    |                                                                                    |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |
| 1:1                                                                                | 1:1                                                                                | 1:1                                                                                | 1:1                                                                                  |
| 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                           | 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                           | 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                           | 0.6 mm                                                                               |
| 45°                                                                                | 90°                                                                                |                                                                                    | 160 mm – 6 <sup>1</sup> / <sub>4</sub> "                                             |
| 0.4 mm                                                                             | MH 15-295-01                                                                       | MH 15-296-01                                                                       | MH 15-300-01                                                                         |
| 0.6 mm                                                                             | MH 15-295-02                                                                       | MH 15-296-02                                                                       | MH 15-300-02                                                                         |
| 0.8 mm                                                                             | MH 15-295-03                                                                       | MH 15-296-03                                                                       |                                                                                      |
| 1.0 mm                                                                             | MH 15-295-04                                                                       | MH 15-296-04                                                                       |                                                                                      |
| Häkchen, abgewinkelt<br><i>Hook, angled</i>                                        |                                                                                    | Häkchen, retrograd gebogen<br><i>Hook, retrograd</i>                               | Häkchen, retrograd gebogen<br><i>Hook, retrograd</i>                                 |

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| 1:1                                                                                 | 1:1                                                                                 |
| Plester                                                                             | Plester                                                                             |
| 0.4 mm – 90°                                                                        | 0.4 mm – 45°                                                                        |
| MH 15-305-01                                                                        | MH 15-310-01                                                                        |
| Fussplattenhäkchen, abgewinkelt, stumpf<br><i>Foot plate hook, angled, blunt</i>    | Antrum Häkchen, aufgewinkelt, stumpf<br><i>Antrum hook, angled, blunt</i>           |

|                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| 1:1                                                                                   | 1:1                                                                                   | 1:1                                                                                   |
| Barbara                                                                               |                                                                                       |                                                                                       |
| MH 15-315-01                                                                          | MH 15-315-02                                                                          | MH 15-315-03                                                                          |
| spitz/gerade<br><i>sharp/straight</i>                                                 | stumpf/gewinkelt<br><i>blunt/angled</i>                                               | spitz/gebogen<br><i>sharp/curved</i>                                                  |



**Shambaugh**

|        |                 |                 |
|--------|-----------------|-----------------|
|        | 160 mm – 6 1/4" | 160 mm – 6 1/4" |
|        | 90°             | 90°             |
| 0.3 mm | MH 15-320-01    | MH 15-321-01    |
| 0.6 mm | MH 15-320-02    | MH 15-321-02    |
| 1.0 mm | MH 15-320-03    | MH 15-321-03    |

**Häkchen, nach oben gebogen**  
*Hook, curved up*

**Häkchen, nach unten gebogen**  
*Hook, curved down*

**McGee**

|        |                 |                 |
|--------|-----------------|-----------------|
|        | 160 mm – 6 1/4" | 160 mm – 6 1/4" |
| 0.5 mm | MH 15-325-01    | MH 15-330-01    |
| 1.0 mm | MH 15-325-02    | MH 15-330-02    |

**Häkchen, rund, nach oben gebogen**  
*Hook, round, curved up*

**Häkchen, rund, nach unten gebogen**  
*Hook, round, curved down*

**Barbara**

|             |              |
|-------------|--------------|
|             | 0.5 mm       |
| 155 mm – 6" | MH 15-335-01 |

**Rosen**

|                 |              |
|-----------------|--------------|
|                 | 0.5 mm       |
| 160 mm – 6 1/4" | MN 15-340-01 |

**Nadel, leicht gebogen**  
*Needle, slightly curved*

**McGee**

|        |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|
|        | 160 mm – 6 1/4" | 160 mm – 6 1/4" | 160 mm – 6 1/4" | 160 mm – 6 1/4" |
|        | 25°             | 25°             | 45°             | 45°             |
| 0.3 mm | MH 15-345-01    | MH 15-346-01    | MH 15-347-01    | MH 15-348-01    |
| 0.6 mm | MH 15-345-01    | MH 15-346-02    | MH 15-347-02    | MH 15-348-02    |
| 1.0 mm | MH 15-345-01    | MH 15-346-03    | MH 15-347-03    | MH 15-348-03    |

**Häkchen, nach oben gebogen**  
*Hook, curved up*

**Häkchen, nach unten gebogen**  
*Hook, curved down*

**Häkchen, nach oben gebogen**  
*Hook, curved up*

**Häkchen, nach unten gebogen**  
*Hook, curved down*



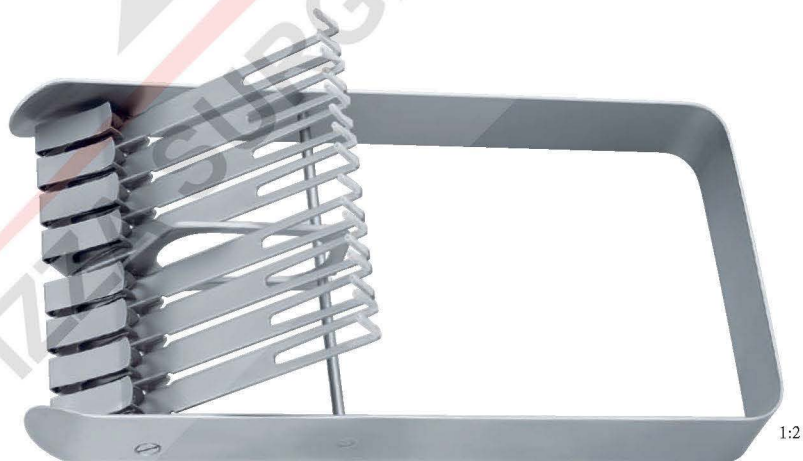
**Mikro-hrraspatorien : Micro ear-raspatories**

**Micro-raspateurs auriculaires : Micro-raspatorias auriculares**

**Micro-raspatori auricolari**



|                                           |                                                                                       |                                                                                       |                                                                                       |                                                                                         |
|-------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Fisch</b>                              |  1:1 |  1:1 |  1:1 |  1:1 |
| 155 mm – 6"                               | 155 mm – 6"                                                                           | 155 mm – 6"                                                                           | 155 mm – 6"                                                                           | 155 mm – 6"                                                                             |
| ER 15-10-01                               | ER 15-10-02                                                                           | ER 15-10-03                                                                           | ER 15-10-04                                                                           |                                                                                         |
| rechts abgewinkelt<br>angled to the right | links abgewinkelt<br>angled to the left                                               | rechts abgewinkelt<br>angled to the right                                             | links abgewinkelt<br>angled to the left                                               |                                                                                         |

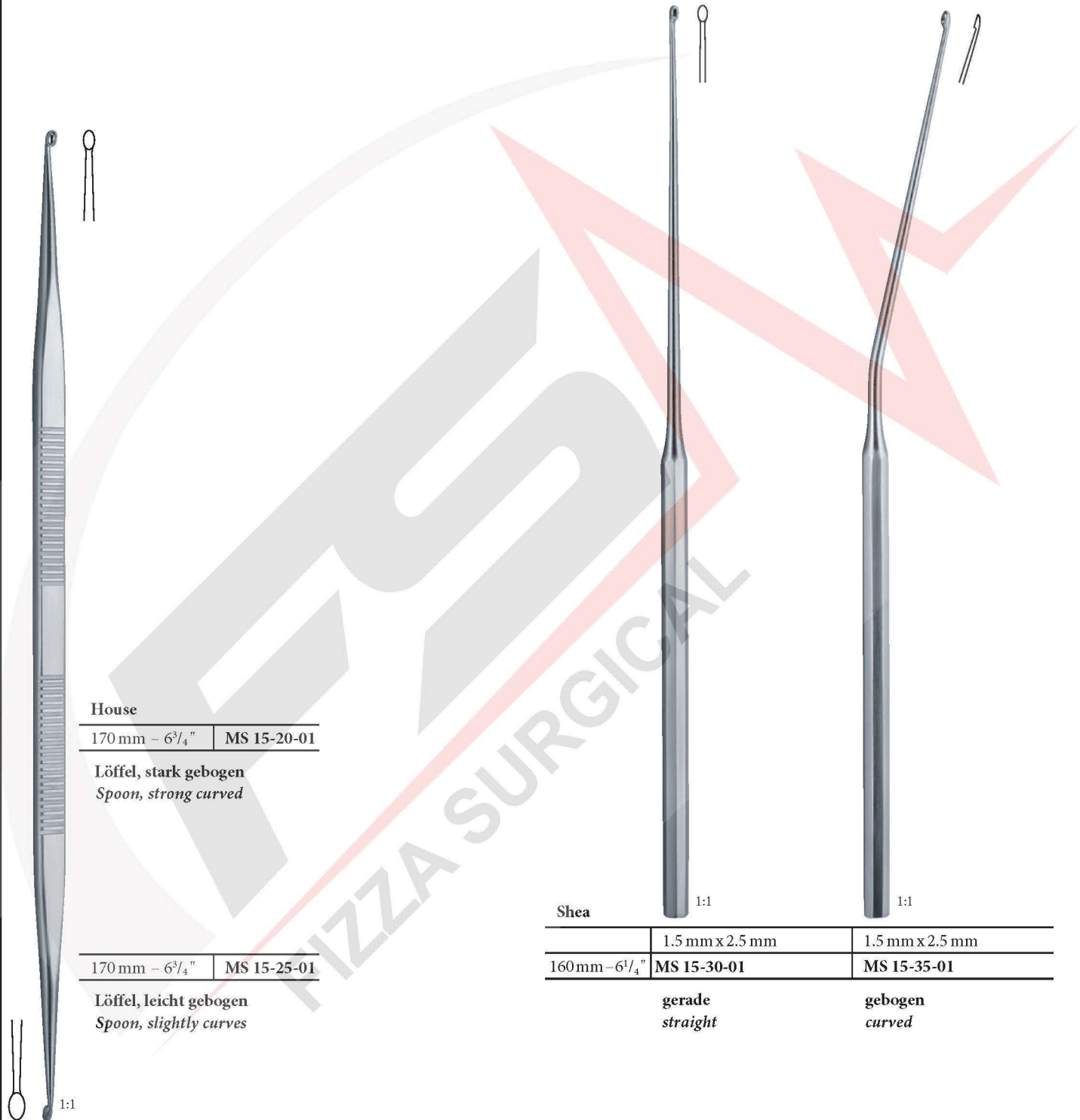


**ER 15-15-01**

**Rack für 8 Mikro-Ohr-Instrumente mit Sechs- oder Achkantgriff**

**Rack for 8 each micro ear instruments with hexagonal or octagonal handle**

**Mikro-Ohrlöffel : Micro ear-spoons**  
**Micro-curettes auriculaires : Micro-curetas auriculares**  
**Micro-cucchiai auricolari**



| House                                    |             |
|------------------------------------------|-------------|
| 170 mm – 6 <sup>3</sup> / <sub>4</sub> " | MS 15-20-01 |

**Löffel, stark gebogen**  
**Spoon, strong curved**

|                                          |             |
|------------------------------------------|-------------|
| 170 mm – 6 <sup>3</sup> / <sub>4</sub> " | MS 15-25-01 |
|------------------------------------------|-------------|

**Löffel, leicht gebogen**  
**Spoon, slightly curves**

| Shea                                     |                    |                   |
|------------------------------------------|--------------------|-------------------|
|                                          | 1.5 mm x 2.5 mm    | 1.5 mm x 2.5 mm   |
| 160 mm – 6 <sup>1</sup> / <sub>4</sub> " | MS 15-30-01        | MS 15-35-01       |
|                                          | gerade<br>straight | gebogen<br>curved |

**Mikro-Ohrlöffel : Micro ear-spoons**

**Micro-curettes auriculaires : Micro-curetas auriculares**

**Micro-cucchiai auricolari**



**Sinus spoon**

190mm – 7<sup>1/2</sup>"    **MS 15-33-01**

**9,5x4 mm angular bend, elongated**

**Sinus spoon**

190mm – 7<sup>1/2</sup>"    **MS 15-34-01**

**6x3 mm forehead spoon, hard curved,**



**House**



|             |                       |                       |
|-------------|-----------------------|-----------------------|
|             | 1.0 mm Ø und 1.2 mm Ø | 1.5 mm Ø und 1.8 mm Ø |
| 150 mm – 6" | <b>MS 15-35-01</b>    | <b>MS 15-40-01</b>    |

**Löffel stark gebogen**  
**Spoon strong curved**

**Löffel stark gebogen**  
**Spoon strong curves**



**House**



|             |                       |                       |
|-------------|-----------------------|-----------------------|
|             | 1.0 mm Ø und 1.2 mm Ø | 1.5 mm Ø und 1.8 mm Ø |
| 150 mm – 6" | <b>MS 15-45-01</b>    | <b>MS 15-50-01</b>    |

**Löffel, leicht gebogen**  
**Spoon, slightly curved**

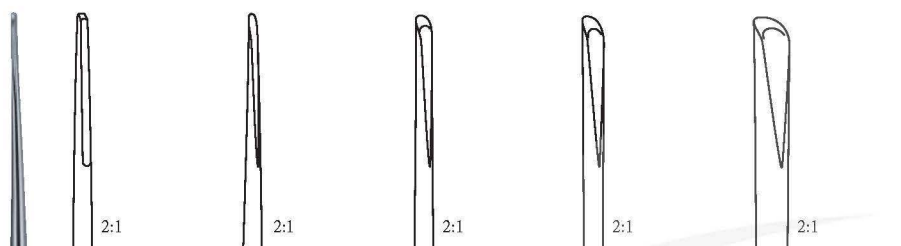
**Löffel, leicht gebogen**  
**Spoon, slightly curves**

1:1

**Mikro-Ohrmeissel und Hämmer : Micro ear-chisels and hammers**

**Micro burins et marteaux auriculaires : Micro cincels y martillos para orejas**

**Micro scalpelli e martelli per orecchio**



**Heermann**

|              |             |             |             |             |
|--------------|-------------|-------------|-------------|-------------|
| 0.7 mm       | 0.7 mm      | 1.0 mm      | 1.5 mm      | 3.0 mm      |
| MS 15-55-01  | MS 15-55-02 | MS 15-55-03 | MS 15-55-04 | MS 15-55-05 |
| Flachmeissel | Hohlmeissel | Hohlmeissel | Hohlmeissel | Hohlmeissel |



1:1



**Heermann**

**MS 15-60-01**



1:2

**Heermann**

195 mm – 7<sup>3</sup>/<sub>4</sub>" | MC 15-65-01

**Hammer, Metall**  
**Metal hammer**



1:2

**Cottle**

190 mm – 7<sup>1</sup>/<sub>2</sub>" | MH 15-70-01

**Hammer, Metall**  
**Metal hammer**

**Ohrraspatorien : Ear-raspatories**  
**Raspateurs auriculaires : Raspatorias auriculares**  
**Raspatori auricolari**



**Wullstein**

|                 |             |             |
|-----------------|-------------|-------------|
| 160 mm – 6 1/4" | ER 15-20-01 | ER 15-21-01 |
|-----------------|-------------|-------------|

**gerade**  
**straight**

**gebogen**  
**curved**



**Rosen**

|  |        |        |
|--|--------|--------|
|  | 2.5 mm | 1.5 mm |
|--|--------|--------|

175 mm – 7"

ER 15-25-01

**bajonettförmig**  
**bayonet shaped**



**Rosen**

|  |        |        |
|--|--------|--------|
|  | 2.5 mm | 1.5 mm |
|--|--------|--------|

ER 15-30-01

**bajonettförmig**  
**bayonet shaped**

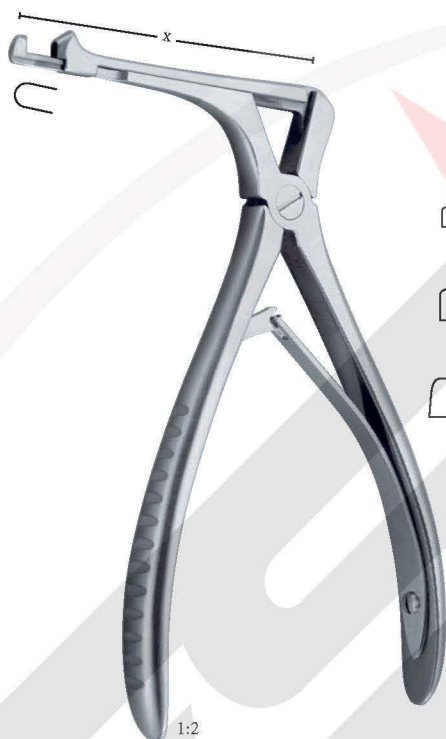


**Lempert**

|             |
|-------------|
| ER 15-35-01 |
|-------------|

|                 |
|-----------------|
| 160 mm – 6 1/4" |
| 3.0 mm          |





| Citelli                                                                                  |                            |
|------------------------------------------------------------------------------------------|----------------------------|
| x = 60 mm                                                                                | 170 mm – 6 $\frac{3}{4}$ " |
|  1.5 mm | BR 15-10-01                |
|  2.2 mm | BR 15-10-02                |
|  3.0 mm | BR 15-10-03                |



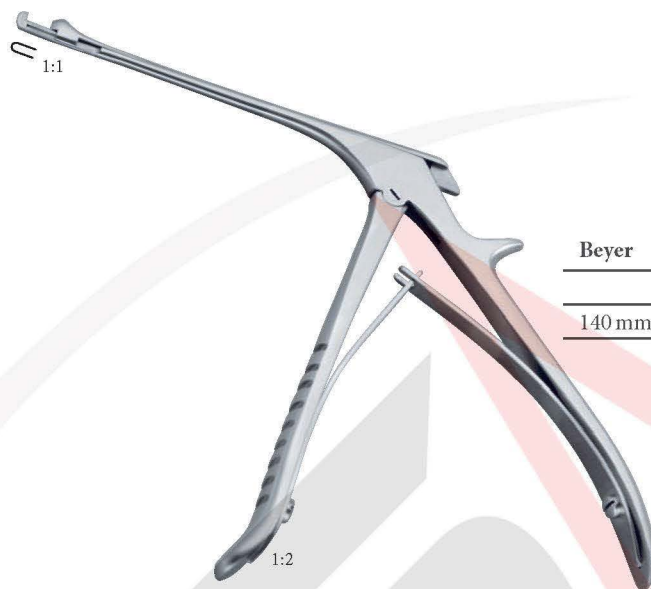
| Kerrison    |  |  |  |  |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 200 mm – 8" | 3 x 3 mm                                                                            | 4 x 4 mm                                                                            | 5 x 5 mm                                                                            | 6 x 6 mm                                                                              |
| x = 80 mm   | BR 15-15-01                                                                         | BR 15-15-02                                                                         | BR 15-15-03                                                                         | BR 15-15-04                                                                           |

## SURGERY HNO – ENT

Ohr-Knochenstanzen : Bone-rongeurs

Rongeurs auriculaires : Pinzas osteótomos auriculares

Conchotomi auricolari



Beyer

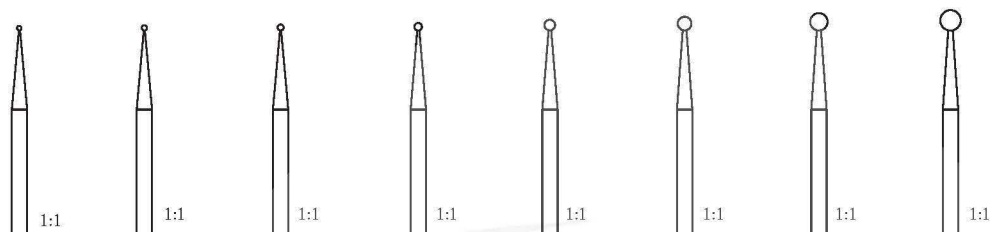
|                                          |                    |
|------------------------------------------|--------------------|
|                                          | 1 mm               |
| 140 mm – 5 <sup>1</sup> / <sub>2</sub> " | <b>BR 15-20-01</b> |



Beyer

|                                          |                    |
|------------------------------------------|--------------------|
|                                          | 2 mm               |
| 190 mm – 7 <sup>1</sup> / <sub>2</sub> " | <b>BR 15-25-01</b> |

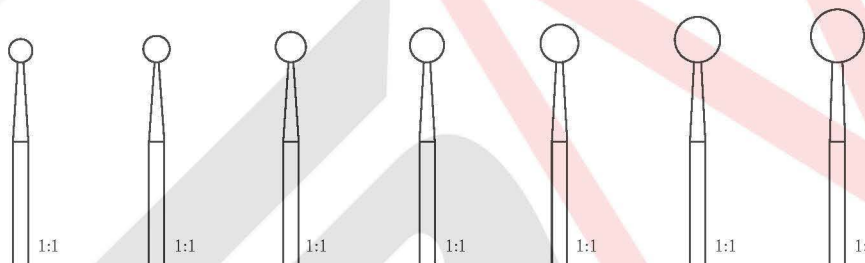
**Bohrer : Burrs**  
**Fraises : Brocas**  
**Perforatori**



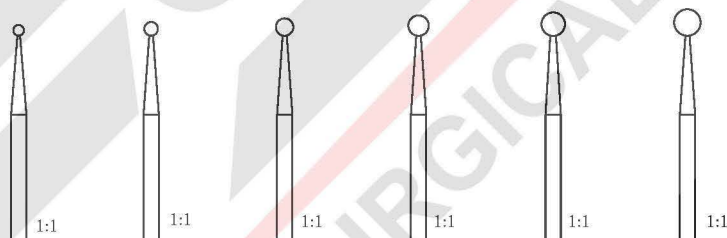
**Rosen-Bohrer**

|                                         | 0.6 mm Ø    | 0.7 mm Ø    | 0.8 mm Ø    | 1.0 mm Ø    | 1.4 mm Ø    | 1.8 mm Ø    | 2.3 mm Ø    | 2.7 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 70 mm – 2 <sup>3</sup> / <sub>4</sub> " | EB 15-10-01 | EB 15-10-02 | EB 15-10-03 | EB 15-10-04 | EB 15-10-05 | EB 15-10-06 | EB 15-10-07 | EB 15-10-08 |

„Rosen“-Bohrer, 70 mm lang, Schaft-Ø 2.35 mm, rostfrei  
 “Rosen” burrs, 70 mm long, shank diameter 2.35 mm, stainless



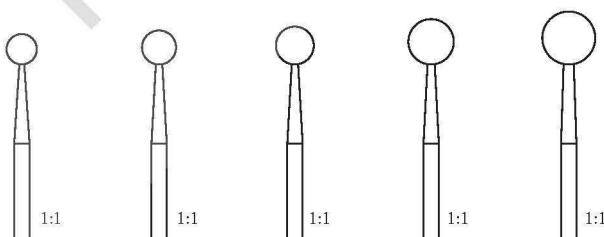
|                                         | 3.1 mm Ø    | 3.5 mm Ø    | 4.0 mm Ø    | 4.5 mm Ø    | 5.0 mm Ø    | 6.0 mm Ø    | 7.0 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 70 mm – 2 <sup>3</sup> / <sub>4</sub> " | EB 15-10-09 | EB 15-10-10 | EB 15-10-11 | EB 15-10-12 | EB 15-10-13 | EB 15-10-14 | EB 15-10-15 |



**Rosen-Bohrer**

|                                         | 1.4 mm Ø    | 1.8 mm Ø    | 2.3 mm Ø    | 2.7 mm Ø    | 3.1 mm Ø    | 3.5 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 95 mm – 3 <sup>3</sup> / <sub>4</sub> " | EB 15-15-01 | EB 15-15-02 | EB 15-15-03 | EB 15-15-04 | EB 15-15-05 | EB 15-15-06 |

„Rosen“-Bohrer, 95 mm lang, Schaft-Ø 2.35 mm, rostfrei  
 “Rosen” burrs, 95 mm long, shank diameter 2.35 mm, stainless

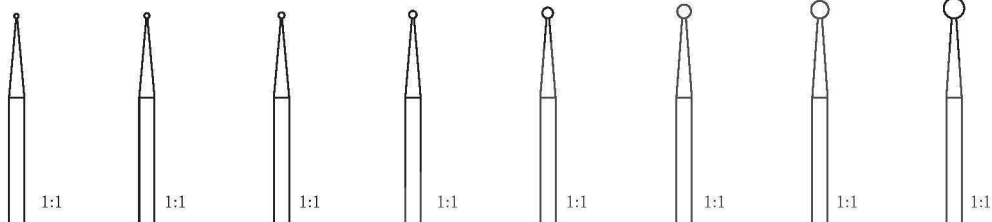


|                                         | 4.0 mm Ø    | 4.5 mm Ø    | 5.0 mm Ø    | 6.0 mm Ø    | 7.0 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|
| 95 mm – 3 <sup>3</sup> / <sub>4</sub> " | EB 15-15-07 | EB 15-15-08 | EB 15-15-09 | EB 15-15-10 | EB 15-15-11 |

**Bohrer : Burrs**

**Fraises : Brocas**

**Perforatori**

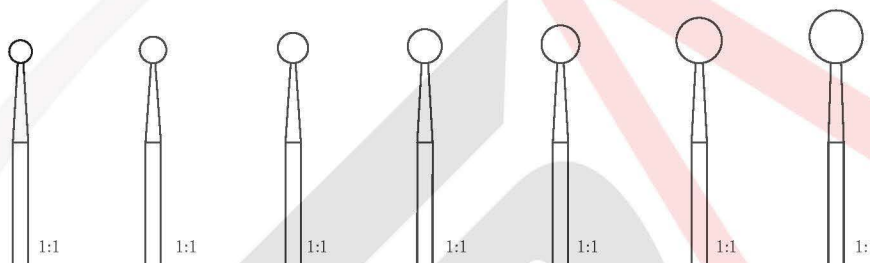


**Diamant bohrer**

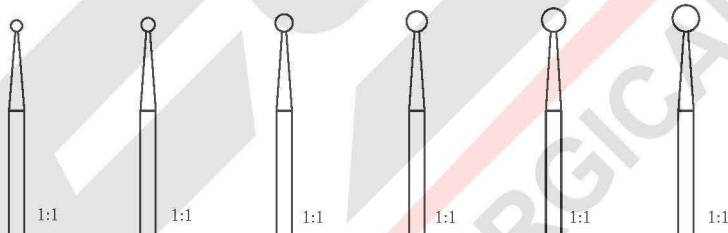
|                                         | 0.6 mm Ø    | 0.7 mm Ø    | 0.8 mm Ø    | 1.0 mm Ø    | 1.5 mm Ø    | 1.8 mm Ø    | 2.3 mm Ø    | 2.7 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 70 mm – 2 <sup>3</sup> / <sub>4</sub> " | EB 15-20-01 | EB 15-20-02 | EB 15-20-03 | EB 15-20-04 | EB 15-20-05 | EB 15-20-06 | EB 15-20-07 | EB 15-20-08 |

**Diamantbohrer, 70 mm lang, Schaft-Ø 2.35 mm**

*Diamond dust polishing burrs, 70 mm long, shank diameter 2.35 mm*



|                                         | 3.0 mm Ø    | 3.5 mm Ø    | 4.0 mm Ø    | 4.5 mm Ø    | 5.0 mm Ø    | 6.0 mm Ø    | 7.0 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 70 mm – 2 <sup>3</sup> / <sub>4</sub> " | EB 15-20-10 | EB 15-20-11 | EB 15-20-12 | EB 15-20-13 | EB 15-20-14 | EB 15-20-15 | EB 15-20-16 |

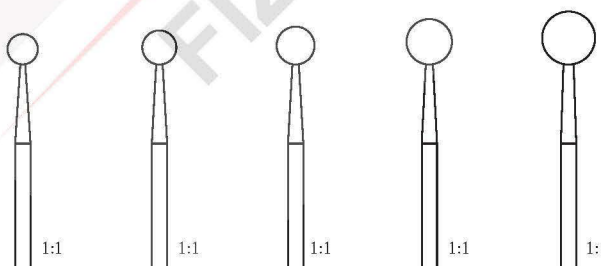


**Diamant bohrer**

|                                         | 1.5 mm Ø    | 1.8 mm Ø    | 2.3 mm Ø    | 2.7 mm Ø    | 3.0 mm Ø    | 3.5 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 95 mm – 3 <sup>3</sup> / <sub>4</sub> " | EB 15-25-01 | EB 15-25-02 | EB 15-25-03 | EB 15-25-04 | EB 15-25-05 | EB 15-25-06 |

**Diamantbohrer, 95 mm lang, Schaft-Ø 2.35 mm**

*Diamond dust polishing burrs, 95 mm long, shank diameter 2.35 mm*



|                                         | 4.0 mm Ø    | 4.5 mm Ø    | 5.0 mm Ø    | 6.0 mm Ø    | 7.0 mm Ø    |
|-----------------------------------------|-------------|-------------|-------------|-------------|-------------|
| 95 mm – 3 <sup>3</sup> / <sub>4</sub> " | EB 15-25-07 | EB 15-25-08 | EB 15-25-09 | EB 15-25-10 | EB 15-25-11 |

## SURGERY HNO – ENT

Nasenspekula : *Nasal specula*

Spéculums nasaux : *Especulos nasales*

Specoli nasali



1:2

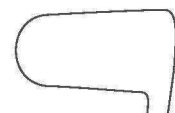
**Thudichum  
(Goldsmith)**



1:1



1:1



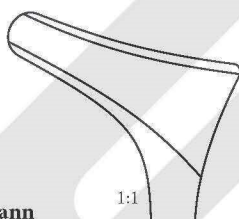
1:1

|                |                |                 |                 |
|----------------|----------------|-----------------|-----------------|
|                | 21 mm x 9.5 mm | 21 mm x 10.5 mm | 21 mm x 11.5 mm |
| 65 mm – 2 1/2" | NS 15-10-01    | NS 15-10-02     | NS 15-10-03     |

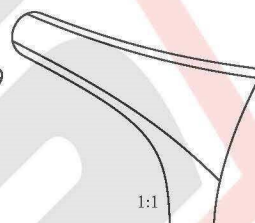


1:2

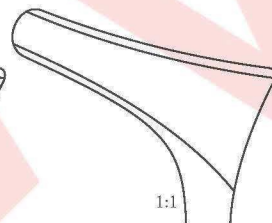
**Hartmann**



1:1



1:1



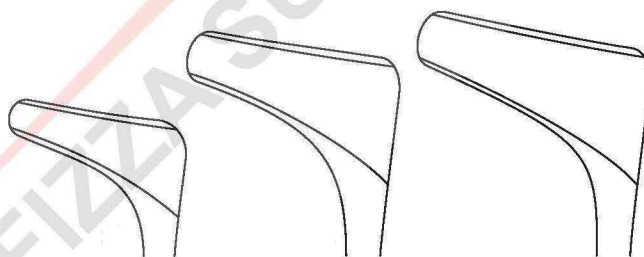
1:1

|                 |             |             |             |
|-----------------|-------------|-------------|-------------|
| 160 mm – 6 1/4" | NS 15-15-01 | NS 15-15-02 | NS 15-15-03 |
|-----------------|-------------|-------------|-------------|



1:2

**Hartmann-Halle**



|             |             |             |             |
|-------------|-------------|-------------|-------------|
|             | x 21 mm     | x 25 mm     | x 30 mm     |
| 150 mm – 6" | NS 15-20-01 | NS 15-20-02 | NS 15-20-03 |



**Nasenspekula : Nasal specula**  
**Spéculums nasaux : Especulos nasales**  
**Specoli nasali**



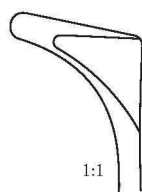
1:2

**Tieck-Halle**

135 mm – 5 $\frac{1}{4}$ "

**NS 15-25-01**

**für Säuglinge**  
**for babies**



1:1

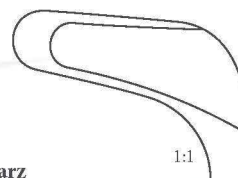


1:2

**Schwarz**

140 mm – 5 $\frac{1}{2}$ "

**NS 15-30-01**

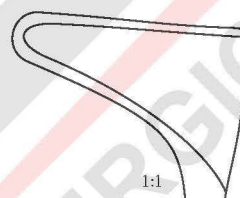


1:1

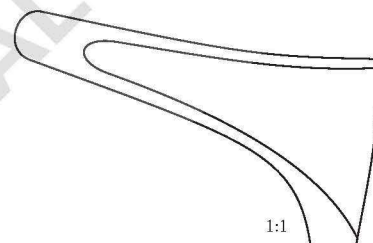


1:2

**Killian**

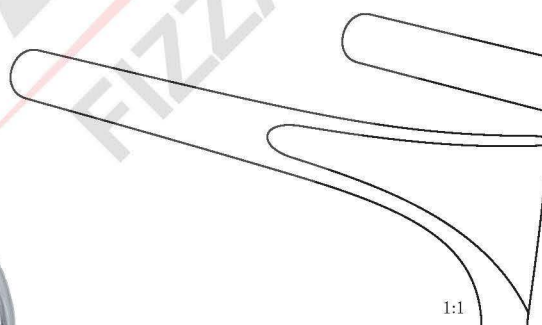


1:1

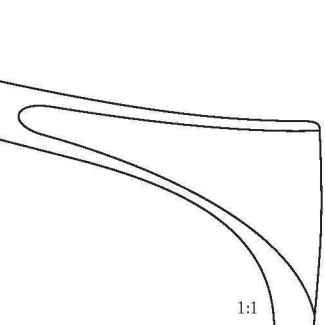


1:1

|             |                    |                    |
|-------------|--------------------|--------------------|
|             | x = 35 mm          | x = 50 mm          |
| 130 mm – 5" | <b>NS 15-35-01</b> | <b>NS 15-35-02</b> |



1:1



1:1

|             |                    |                    |
|-------------|--------------------|--------------------|
|             | x = 75 mm          | x = 90 mm          |
| 130 mm – 5" | <b>NS 15-35-03</b> | <b>NS 15-35-04</b> |

**SURGERY HNO – ENT**

Nasenspekula : *Nasal specula*

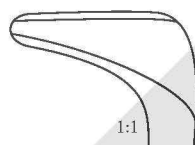
*Spéculums nasaux : Especulos nasales*

*Specoli nasali*

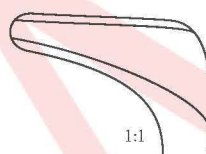


**Beckmann**

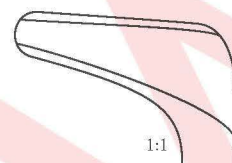
150 mm – 6"



NS 15-40-01



NS 15-40-02

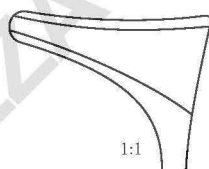


NS 15-40-03

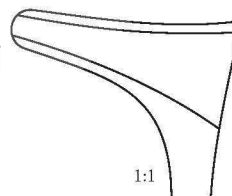


**Mod. Wien**

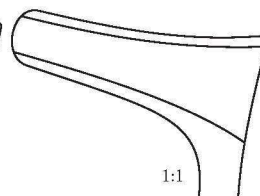
145 mm – 5<sup>3</sup>/<sub>4</sub>"



NS 15-45-01

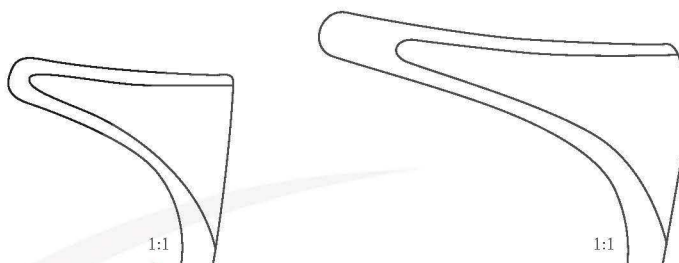


NS 15-45-02



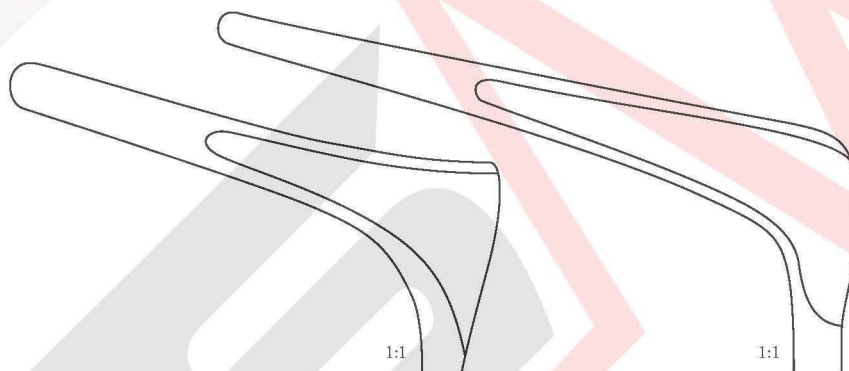
NS 15-45-03

**Nasenspekula : Nasal specula**  
**Spéculums nasaux : Especulos nasales**  
**Specoli nasali**

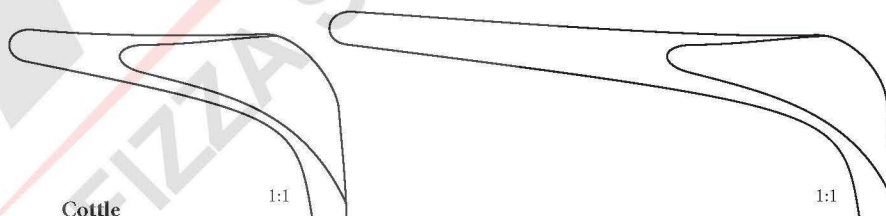


**Cottle**

|             |             |             |
|-------------|-------------|-------------|
|             | x = 35 mm   | x = 50 mm   |
| 150 mm – 6" | NS 15-50-01 | NS 15-50-02 |



|             |             |             |
|-------------|-------------|-------------|
|             | x = 75 mm   | x = 90 mm   |
| 150 mm – 6" | NS 15-50-03 | NS 15-50-04 |



**Cottle**

|              |             |             |
|--------------|-------------|-------------|
|              | x = 45 mm   | x = 75 mm   |
| 140 mm – 5½" | NS 15-55-01 | NS 15-55-02 |

**schwarz verchromt**  
**black, chrome plated**

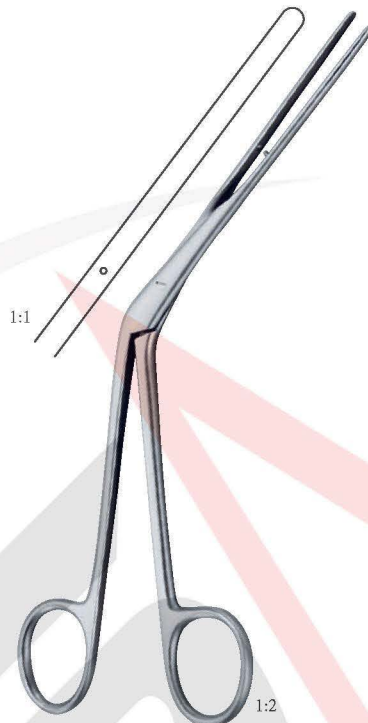
## SURGERY HNO – ENT

Nasenpolypenzangen – Septumzangen : *Nasal polypus and septum forceps*  
*Pinces à polypes et la cloison nasale : Pinzas para pólipos y el tabique nasal*  
*Pinze per polipi e setto nasale*



**Westmacott**

|             |             |
|-------------|-------------|
| 200 mm – 8" | NF 15-10-01 |
|-------------|-------------|



**Lubet-Barbon**

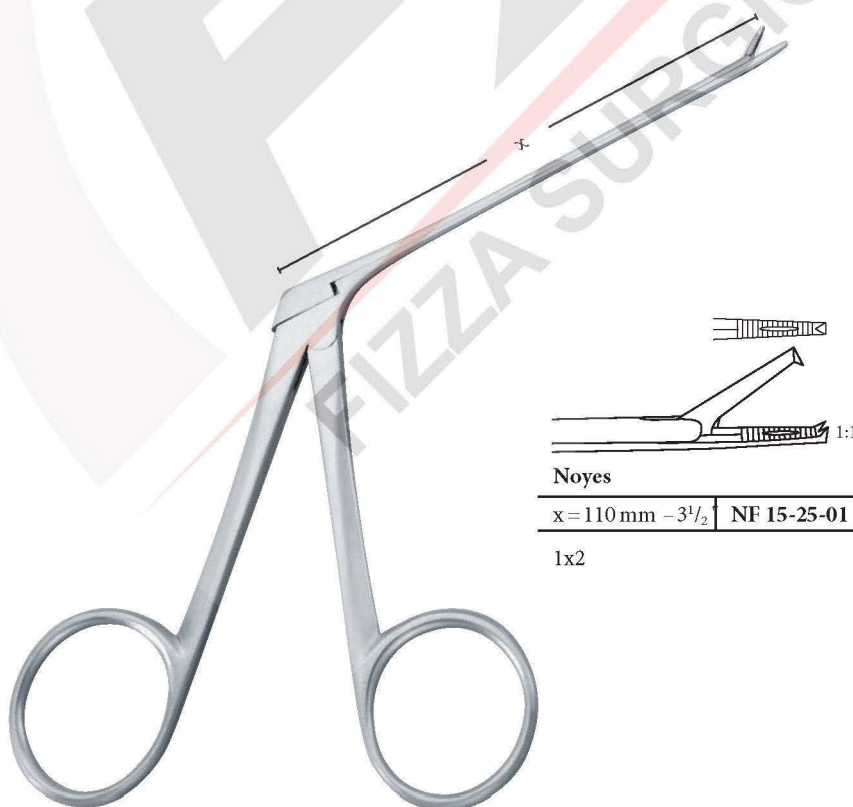
|             |             |
|-------------|-------------|
| 200 mm – 8" | NF 15-15-01 |
|-------------|-------------|



**Hartmann**

|                                          |             |
|------------------------------------------|-------------|
| 160 mm – 6 <sup>1</sup> / <sub>4</sub> " | NF 15-20-01 |
| 200 mm – 8"                              | NF 15-20-02 |

Nasentamponzange : *Nasal dressing forceps*  
*Pince à pansement pour le nez : Pinza nasale para tamponiamento*  
*Pinza per tamponamento nasale*



**Noyes**

|                                              |             |
|----------------------------------------------|-------------|
| x = 110 mm – 3 <sup>1</sup> / <sub>2</sub> " | NF 15-25-01 |
|----------------------------------------------|-------------|

1x2

## SURGERY HNO – ENT

Nasenpolypenzangen – Septumzangen : *Nasal polypus and septum forceps*

*Pinces à polypes et la cloison nasale : Pinzas para pólipos y el tabique nasal*

*Pinze per polipi e setto nasale*



**Tilley**

|              |             |
|--------------|-------------|
| 140 mm – 5½" | NF 15-20-01 |
|--------------|-------------|



**HEymann-Knight**

|             |             |
|-------------|-------------|
| 180 mm – 7" | NF 15-25-01 |
|-------------|-------------|



**Craig**

|             |             |
|-------------|-------------|
| 180 mm – 7" | NF 15-30-01 |
|-------------|-------------|



**SURGERY HNO – ENT**

**Nasenpolypenzangen : Nasal polypus**

**Pincès à polypes nasales : Pinzas para pólipos nasales**

**Pinze per polipi nasali**



**Heymann**



1:1



1:1



1:1

180 mm – 7"

NF 15-35-01

NF 15-35-02

NF 15-35-03

1:2



1:1

**Littauer**

180 mm – 7"

NF 15-40-01

1:2



1:1

**Knight**

180 mm – 7"

NF 15-45-01

1:2

## SURGERY HNO – ENT

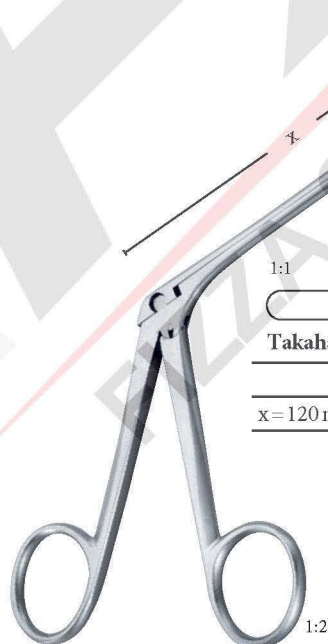
Scharfe Nasenzangen : *Nasal cutting forceps*

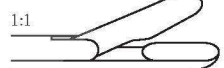
*Pinces coupantes pour le nez : Pinzas nasales cortantes*

*Pinze taglienti per naso*



| Luc         |  1:1 |             |  1:1 |             |  |             |  |             |
|-------------|---------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|-------------|
|             | Fig. 1                                                                                | Fig. 2      | Fig. 1                                                                                | Fig. 2      | Fig. 1                                                                              | Fig. 2      | Fig. 1                                                                              | Fig. 2      |
| 200 mm – 8" | NF 15-50-01                                                                           | NF 15-50-02 | NF 15-51-01                                                                           | NF 15-51-02 | NF 15-51-01                                                                         | NF 15-51-02 | NF 15-51-01                                                                         | NF 15-51-02 |
|             | gefenstert<br>fenestrated                                                             |             |                                                                                       |             | voll<br>plaine                                                                      |             |                                                                                     |             |



| Takahashi                                    |  1:1 |                |  1:1 |                |  1:1 |                |
|----------------------------------------------|-----------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------|----------------|
|                                              | Fig. 1                                                                                  | Fig. 2         | Fig. 1                                                                                   | Fig. 2         | Fig. 1                                                                                    | Fig. 2         |
| x = 120 mm – 4 <sup>3</sup> / <sub>4</sub> " | 3.5 mm x 10 mm                                                                          | 3.5 mm x 10 mm | 3.5 mm x 10 mm                                                                           | 3.5 mm x 10 mm | 3.5 mm x 10 mm                                                                            | 3.5 mm x 10 mm |
|                                              | NF 15-55-01                                                                             | NF 15-55-02    | NF 15-55-01                                                                              | NF 15-55-02    | NF 15-55-01                                                                               | NF 15-55-02    |

## SURGERY HNO – ENT

Scharfe Nasenzangen : *Nasal cutting forceps*

Pinces coupantes pour le nez : *Pinzas nasales cortantes*

Pinze taglianti per naso



**Bruenings**

190 mm – 7 $\frac{1}{2}$ "



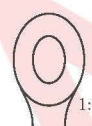
NF 15-60-01



NF 15-60-02



NF 15-60-03

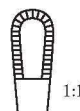


NF 15-60-04



**Weil**

NF 15-65-01



**Watson-Williams**

NF 15-65-02



NF 15-65-03

x = 120 mm – 4 $\frac{3}{4}$ "

## SURGERY HNO – ENT

Scharfe Nasenzangen : *Nasal cutting forceps*

Pinces coupantes pour le nez : *Pinzas nasales cortantes*

Pinze taglienti per naso



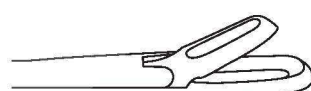
| Weil-Blakesley |                                                                                       |                                                                                       |                                                                                         |                                                                                         |                                                                                         |
|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
|                | Fig. 1                                                                                | Fig. 2                                                                                | Fig. 3                                                                                  | Fig. 4                                                                                  | Fig. 5                                                                                  |
|                | a = 3.0 mm                                                                            | a = 3.6 mm                                                                            | a = 4.2 mm                                                                              | a = 4.8 mm                                                                              | a = 5.8 mm                                                                              |
| 0°             | x = 120 mm – 4 <sup>3</sup> / <sub>4</sub> "                                          | NF 15-70-01                                                                           | NF 15-70-02                                                                             | NF 15-70-03                                                                             | NF 15-70-04                                                                             |
| 45°            | x = 120 mm – 4 <sup>3</sup> / <sub>4</sub> "                                          | NF 15-71-01                                                                           | NF 15-71-02                                                                             | NF 15-71-03                                                                             | NF 15-71-04                                                                             |
| 90°            | x = 120 mm – 4 <sup>3</sup> / <sub>4</sub> "                                          | NF 15-72-01                                                                           | NF 15-72-02                                                                             | NF 15-72-03                                                                             |                                                                                         |



|     |                  |             |             |             |             |
|-----|------------------|-------------|-------------|-------------|-------------|
|     | Fig. 1           | Fig. 2      | Fig. 3      | Fig. 4      | Fig. 5      |
|     | a = 3.0 mm       | a = 3.6 mm  | a = 4.2 mm  | a = 4.8 mm  | a = 5.8 mm  |
| 45° | x = 180 mm – 7 " | NF 15-73-01 | NF 15-73-02 | NF 15-73-03 | NF 15-73-04 |
| 90° | x = 180 mm – 7 " | NF 15-74-01 | NF 15-74-02 | NF 15-74-03 | NF 15-74-04 |



| Hartmann                                     |                                                                                         |                                                                                         |                                                                                           |                                                                                           |
|----------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                                              |  1:1 |  1:1 |  1:1 |  1:1 |
|                                              | Fig. 1                                                                                  | Fig. 2                                                                                  | Fig. 3                                                                                    | Fig. 4                                                                                    |
| x = 120 mm – 4 <sup>3</sup> / <sub>4</sub> " | NF 15-75-01                                                                             | NF 15-75-02                                                                             | NF 15-75-03                                                                               | NF 15-75-04                                                                               |



1:1

1:1

1:1

| Myles                                        |               |               |               |
|----------------------------------------------|---------------|---------------|---------------|
|                                              | Fig. 1        | Fig. 2        | Fig. 3        |
|                                              | 2.0 x 10.0 mm | 2.5 x 12.0 mm | 3.0 x 14.0 mm |
| x = 120 mm – 4 <sup>3</sup> / <sub>4</sub> " | NF 15-80-01   | NF 15-80-02   | NF 15-80-03   |



11,5x3,5 mm

**Mackay-Gruenwald**

|                                            |             |
|--------------------------------------------|-------------|
| x=130 mm – 4 <sup>3</sup> / <sub>4</sub> " | NF 15-76-01 |
|--------------------------------------------|-------------|



## SURGERY HNO – ENT

Scharfe Nasenzangen : *Nasal cutting forceps*

*Pincès coupantes pour le nez : Pinzas nasales cortantes*

*Pinze taglienti per naso*



Schmeden

x = 120 mm – 4<sup>3</sup>/<sub>4</sub>"



1:1



1:1



1:1



1:1

Tomati

x = 120 mm – 4<sup>3</sup>/<sub>4</sub>"

NF 15-90-01



1:1

Struycken

x = 120 mm – 4<sup>3</sup>/<sub>4</sub>"

0.9 mm

1.2 mm

NF 15-95-01

NF 15-95-02



1:1

Henke

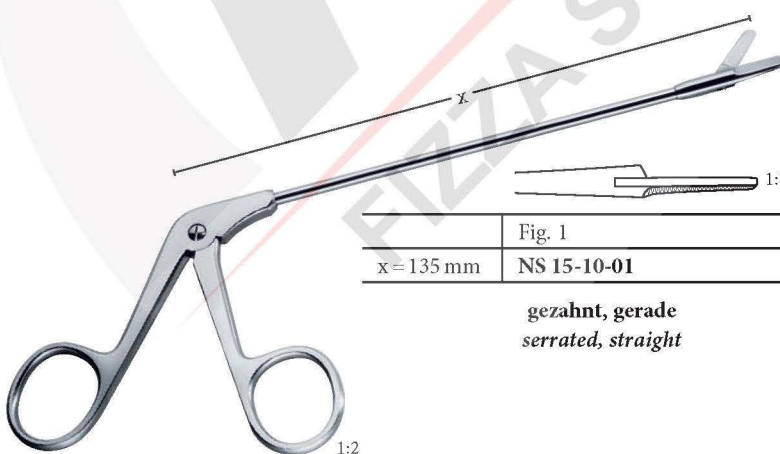
x = 120 mm – 4<sup>3</sup>/<sub>4</sub>"

NF 15-100-01

Nasenschere : *Nasal scissors*

*Ciseaux nasales : Tijera nasal*

*Forbice nasale*



1:1



1:1



1:1

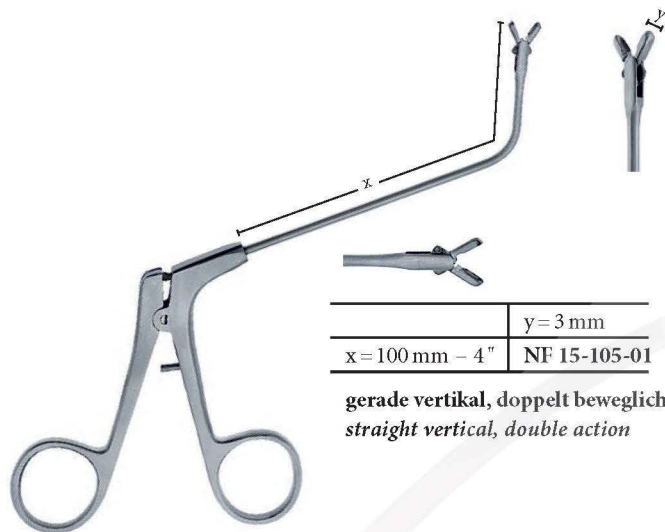
|            | Fig. 1      | Fig. 2      | Fig. 3      |
|------------|-------------|-------------|-------------|
| x = 135 mm | NS 15-10-01 | NS 15-10-02 | NS 15-10-03 |

gezahnt, gerade  
serrated, straight

gezahnt, rechts  
serrated, right

gezahnt, links  
serrated, left

**Scharfe Nasenzangen : Nasal cutting forceps**  
**Pinces coupantes pour le nez : Pinzas nasales cortantes**  
**Pinze taglienti per naso**



|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-01 |

**gerade vertikal, doppelt beweglich**  
*straight vertical, double action*



|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-02 |

**gerade hor., doppelt beweglich**  
*straight hor., double action*

|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-03 |

**gerade hor., einfach beweglich, kurz**  
*straight hor., single action, short*



|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-04 |

**45° vertikal, doppelt beweglich**  
*45° vertical, double action*



|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-05 |

**45° hor., doppelt beweglich**  
*45° hor., double action*

|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-06 |

**45° vert., einfach beweglich, kurz**  
*45° vert., single action, short*



|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-07 |

**70° vertikal, doppelt beweglich**  
*70° vertical, double action*



|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-08 |

**70° hor., doppelt beweglich**  
*70° hor., double action*



|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-09 |

**110° hor., doppelt beweglich**  
*110° hor., double action*

|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-10 |

**70° vert., einfach beweglich, kurz**  
*70° vert., single action, short*

|                 |              |
|-----------------|--------------|
|                 | y = 3 mm     |
| x = 100 mm – 4" | NF 15-105-11 |

**70° hor., einfach beweglich**  
*70° hor., single action*

**Scharfe Nasenzangen : Nasal cutting forceps**

**Pinces coupantes pour le nez : Pinzas nasales cortantes**

**Pinze taglienti per naso**



|                 |              |
|-----------------|--------------|
|                 | y = 4 mm     |
| x = 100 mm – 4" | NF 15-110-01 |

45° vertikal, doppelt beweglich  
45° vertical, double action



|                 |              |
|-----------------|--------------|
|                 | y = 4 mm     |
| x = 100 mm – 4" | NF 15-110-02 |

45° hor., doppelt beweglich, kurz  
45° hor., double action, short

|                 |              |
|-----------------|--------------|
|                 | y = 4 mm     |
| x = 100 mm – 4" | NF 15-110-03 |

45° vertikal, einfach beweglich, kurz  
45° vertical, single action, short short



|              |                 |
|--------------|-----------------|
| NF 15-115-01 | x = 100 mm – 4" |
|              | y = 4 mm        |

70° vertikal, doppelt beweglich  
70° vertical, double action



|              |                 |
|--------------|-----------------|
| NF 15-115-02 | x = 100 mm – 4" |
|              | y = 4 mm        |

70° hor., doppelt beweglich, kurz  
70° hor., double action, short

|              |                 |
|--------------|-----------------|
| NF 15-115-03 | x = 100 mm – 4" |
|              | y = 4 mm        |

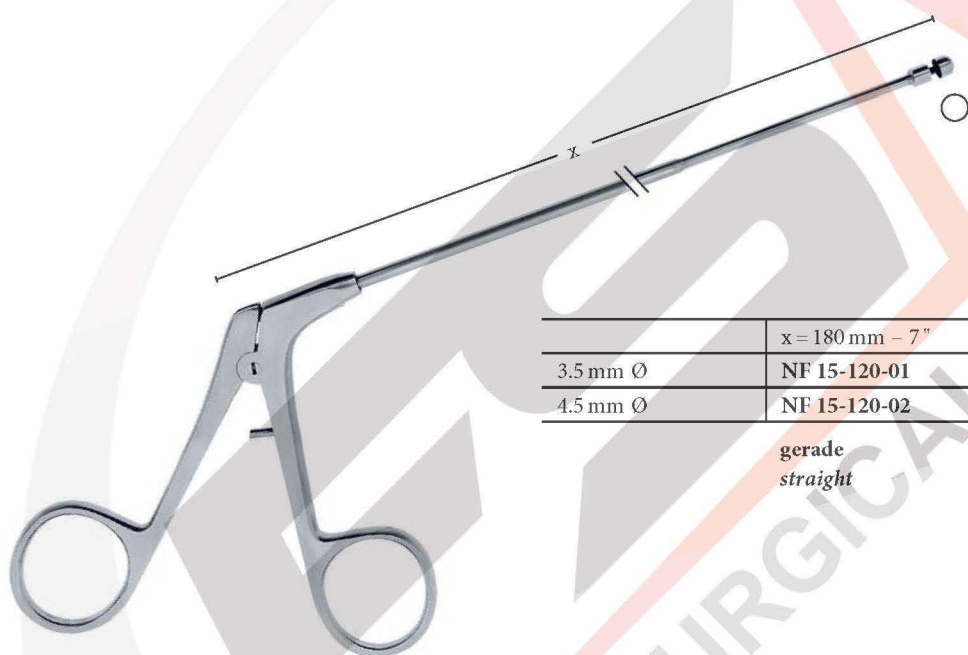
70° vertikal, einfach beweglich, kurz  
70° vertical, single action, short short

**SURGERY HNO – ENT**

**Zirkular Stanze : Circular forceps**

**Pince circulaire : Pinza circular**

**Pinza a taglio circolare**



|          | x = 180 mm – 7" | x = 180 mm – 7" |
|----------|-----------------|-----------------|
| 3.5 mm Ø | NF 15-120-01    | NF 15-120-01    |
| 4.5 mm Ø | NF 15-120-02    | NF 15-120-02    |

**gerade**  
**straight**

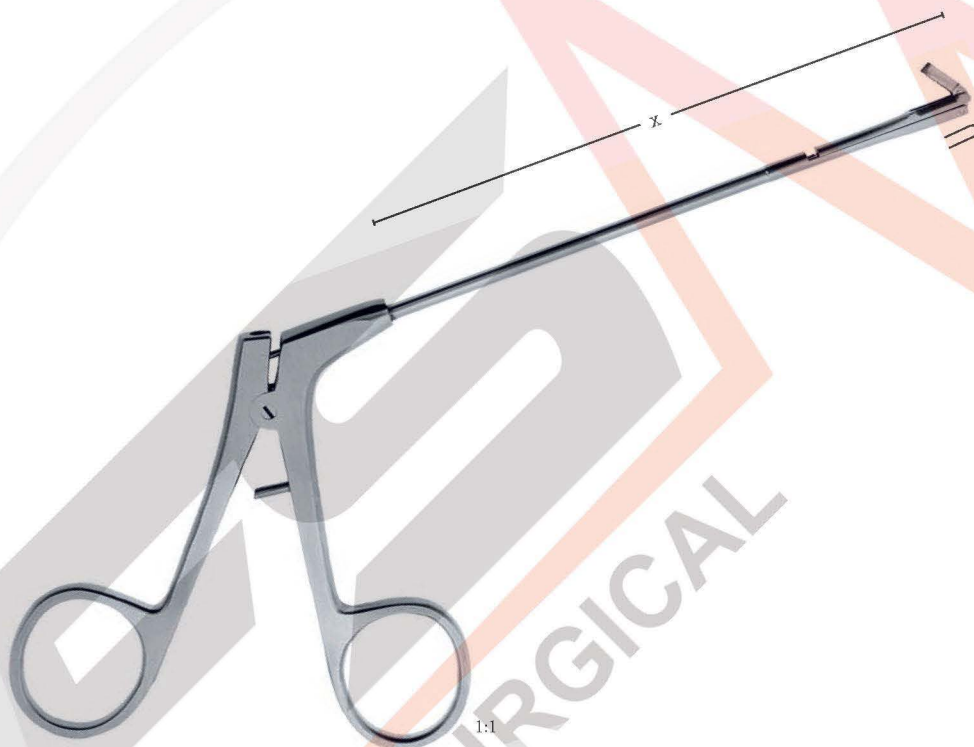
**aufgebogen**  
**curved upwards**

**SURGERY HNO – ENT**

Antrumstanze : *Antrum punch*

Pince pour l'antrum : *Pinza antrum*

Pinze antrum



**Ostrum**

|                 |                                                               |                                                                       |                                                                     |
|-----------------|---------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------|
| x = 100 mm      | Fig. 1                                                        | Fig. 2                                                                | Fig. 3                                                              |
| 1.5 mm x 4.5 mm | AP 15-10-01                                                   | AP 15-10-02                                                           | AP 15-10-03                                                         |
|                 | rückwärts nach oben schneidend<br><i>backward, up-cutting</i> | rückwärts nach rechts schneidend<br><i>backward, cut to the right</i> | rückwärts nach links schneidend<br><i>backward, cut to the left</i> |

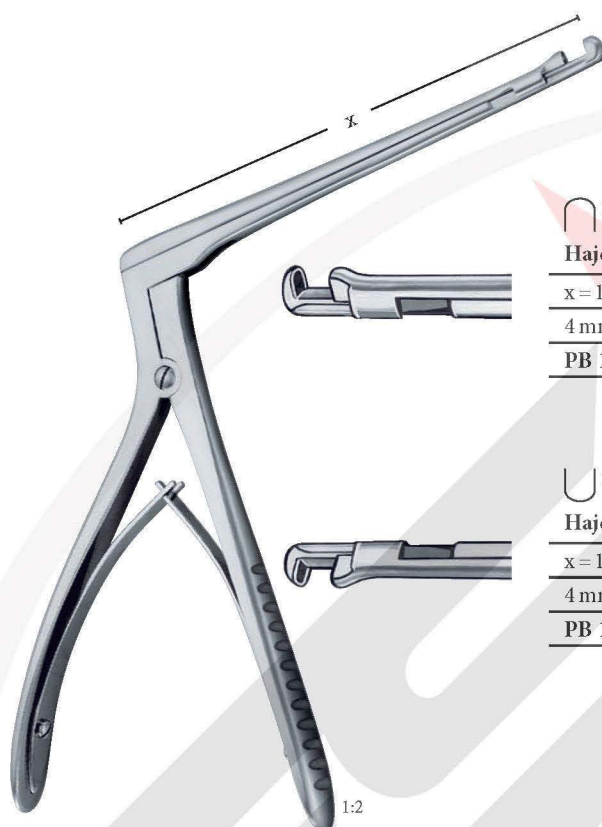


## SURGERY HNO – ENT

Keilbeinstanzen : *Punches sphenoid bone*

*Pinces pour le sinus sphénoïdal : Pinzas para esfenoides*

*Pinze sfenoidali taglienti*



1:1

**Hajek**

x = 140 mm – 5 1/2"

4 mm x 4 mm

**PB 15-10-01**

1:1

**Hajek-Kofler**

x = 140 mm – 5 1/2"

3.5 mm x 3.5 mm

**PB 15-10-02**

1:1

**Hajek**

x = 140 mm – 5 1/2"

4 mm x 4 mm

**PB 15-15-01**

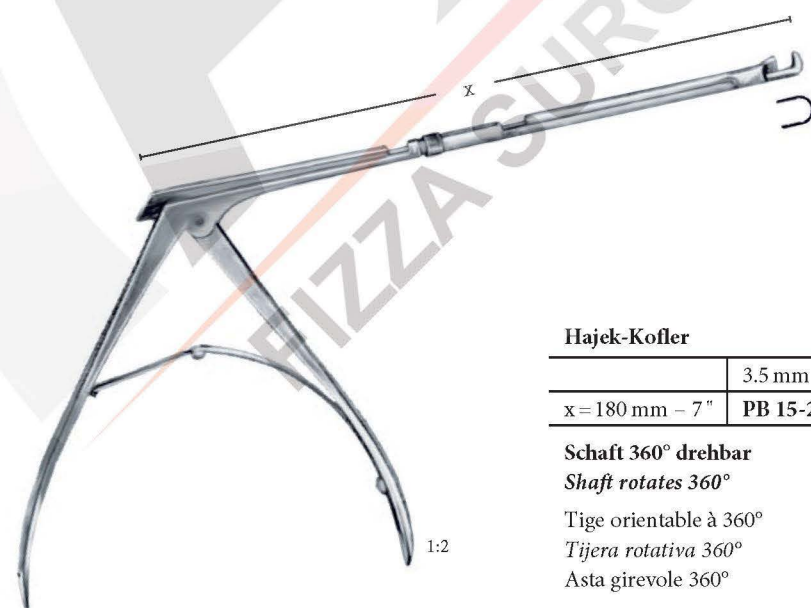
1:1

**Hajek-Kofler**

x = 140 mm – 5 1/2"

3.5 mm x 3.5 mm

**PB 15-15-02**



**Hajek-Kofler**

3.5 mm

x = 180 mm – 7"

**PB 15-20-01**

**Schaft 360° drehbar**

*Shaft rotates 360°*

Tige orientable à 360°

*Tijera rotativa 360°*

Asta girevole 360°

## SURGERY HNO – ENT

Keilbeinstanzen : *Punches sphenoid bone*

*Pinces pour sinus sphénoïdal : Pinzas para esfenoides*

*Pinze sfenoidali taglienti*



**Hajek-Claus**

200 mm – 8"

PB 15-25-01



**Kerrison**

x = 90 mm – 3 1/2"

200 mm – 8"



1:1



1:1



1:1

|             |             |             |
|-------------|-------------|-------------|
| 4 mm x 4 mm | 5 mm x 5 mm | 6 mm x 6 mm |
| PB 15-30-01 | PB 15-30-02 | PB 15-30-03 |

## SURGERY HNO – ENT

Nasenpolypenschnürer : *Nasal polypus snares*  
 Serre noeuds pour polypes : *Polipótomos nasales*  
 Serranodi nasali



|                   |             |
|-------------------|-------------|
| 0.3 mm Ø x 100 mm | NP 15-10-01 |
|-------------------|-------------|

in Bündeln mit 12 Stück  
 in bundles of 12 pieces



**Krause**

|                                           |             |
|-------------------------------------------|-------------|
| 260 mm – 10 <sup>1</sup> / <sub>4</sub> " | NP 15-15-01 |
|-------------------------------------------|-------------|



**Krause-Voss**

|                                           |             |
|-------------------------------------------|-------------|
| 260 mm – 10 <sup>1</sup> / <sub>4</sub> " | NP 15-20-01 |
|-------------------------------------------|-------------|

mit 2 Aufsätzen  
 with 2 inserts



**Lange-Wilde**

|                                          |             |
|------------------------------------------|-------------|
| 240 mm – 9 <sup>1</sup> / <sub>2</sub> " | NP 15-25-01 |
|------------------------------------------|-------------|

## SURGERY HNO – ENT

Nasenmesser : *Nasal knives*

Bistouris pour nez : *Cuchillos nasales*

Bisturi per naso



**Fomon**

165 mm – 6 1/2"

NK 15-10-01

1:2



1:2



1:1



1:1



1:1



1:1

**Joseph**

Fig. 1

Fig. 2

Fig. 1

Fig. 2

160 mm – 6 1/4"

NK 15-15-01

NK 15-15-02

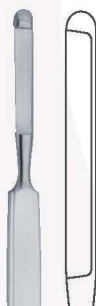
NK 15-15-03

NK 15-15-04

scharf/spitz  
sharp/sharp

gerade  
straight

gebogen  
curved



1:1

1:2

**Joseph**

140 mm – 5 1/2"

NK 15-20-01



1:1

1:2

**Cottle**

150 mm – 6"

NK 15-25-01



1:1

1:2

**Joseph**

175 mm – 7"

NK 15-30-01



1:2

**Bruenings**

165 mm – 6 1/2"

NK 15-35-01

NK 15-40-01

Ersatzklinge  
Spare blade

## SURGERY HNO – ENT

Nasenmesser : *Nasal knives*

Bistouris pour nez : *Cuchillos nasales*

Bisturi per naso



1:2



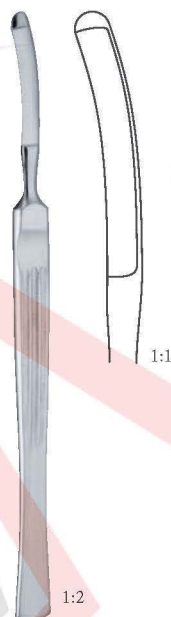
1:2

**Freer**

190 mm – 6 1/2"

NK 15-45-01

NK 15-46-01



1:2

1:1

**Converse**

160 mm – 6 1/4"

NK 15-50-01



1:1

1:2

**Freer**

150 mm – 6"

NK 15-55-01



1:1

1:2

**Freer**

150 mm – 6"

NK 15-60-01



1:1

1:2

**Freer**

150 mm – 6"

NK 15-65-01



## SURGERY HNO – ENT

Tonsillenmesser : *Tonsil knives*

Couteaux à tonsils : *Bisturis para amigdales*

Bisturi per tonsille

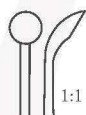


## SURGERY HNO – ENT

Antrumküretten : Antrum curettes

Curettes d'antrum : Curetas para el antrum

Curette per antrum



1:1



1:1

200 mm – 8"

AC 15-10-01

200 mm – 8"

AC 15-10-02



1:1

200 mm – 8"

7mmx11mm

AC 15-15-01



1:1

1:2

Pratt

210 mm – 8<sup>1</sup>/<sub>4</sub>"

AC 15-20-01



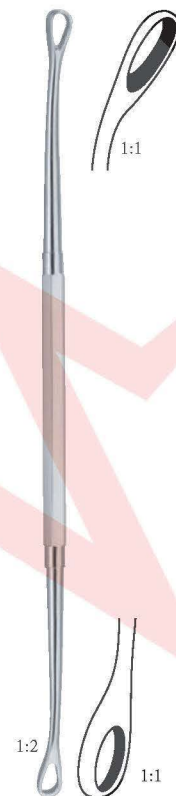
1:1

1:2

Faulkner

210 mm – 8<sup>1</sup>/<sub>4</sub>"

AC 15-25-01



1:1

1:2

Coakley

200 mm – 8"

AC 15-30-01



1:2

Coakley



1:1



1:1



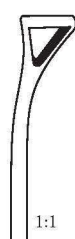
1:1



1:1



1:1

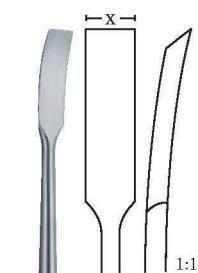


1:1

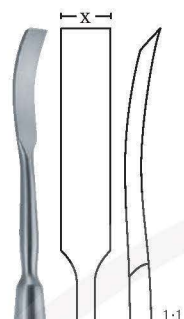
|                                          | Fig. 1      | Fig. 2      | Fig. 3      | Fig. 4      | Fig. 5      | Fig. 6      |
|------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 170 mm – 6 <sup>3</sup> / <sub>4</sub> " | AC 15-35-01 | AC 15-35-02 | AC 15-35-03 | AC 15-35-04 | AC 15-35-05 | AC 15-35-06 |
| AC 15-35-00                              | x           | x           | x           | x           | x           | x           |

Satz  
Set

**Septum elevatorien – Raspatorien : *Septum elevators – raspatories***  
**Elevadores – legras para el tabique nasal : *Elevatori – periostotomi per setto***  
**Elevateurs – rugines pour la cloison nasale**



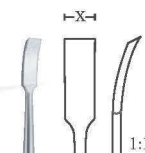
1:1



1:1

**Lempert**

|          |             |             |
|----------|-------------|-------------|
|          | 205 mm – 8" | 180 mm – 7" |
| x = 6 mm | SE 15-10-01 | SE 15-10-02 |



1:1

**Freer**

|                 |             |
|-----------------|-------------|
|                 | x = 4 mm    |
| 160 mm – 6 1/4" | SE 15-15-01 |



1:1

**Cottle**

|                 |             |
|-----------------|-------------|
|                 | x = 8 mm    |
| 190 mm – 7 1/2" | SE 15-20-01 |

**scharf**  
**sharp**



**Joseph**

|                 |             |
|-----------------|-------------|
|                 | x = 5 mm    |
| 160 mm – 6 1/4" | SE 15-25-01 |

**Periost Elevatorien**  
***Periostal elevators***

1:2

4 mm



1/2

**Joseph**

|                |             |
|----------------|-------------|
|                | x = 4 mm    |
| 165 mm, 6 1/2" | SE 15-26-01 |

1/2



**Sewall**

200 mm – 8" SE 15-30-01

**Antrum Elevatorium**  
*Antrum Elevator*



**Halle**

180 mm – 7"  
SE 15-35-01



**FOMON**

170 mm, 6  $\frac{3}{4}$ "  
SE 15-35-01



4 mm



$\frac{1}{2}$



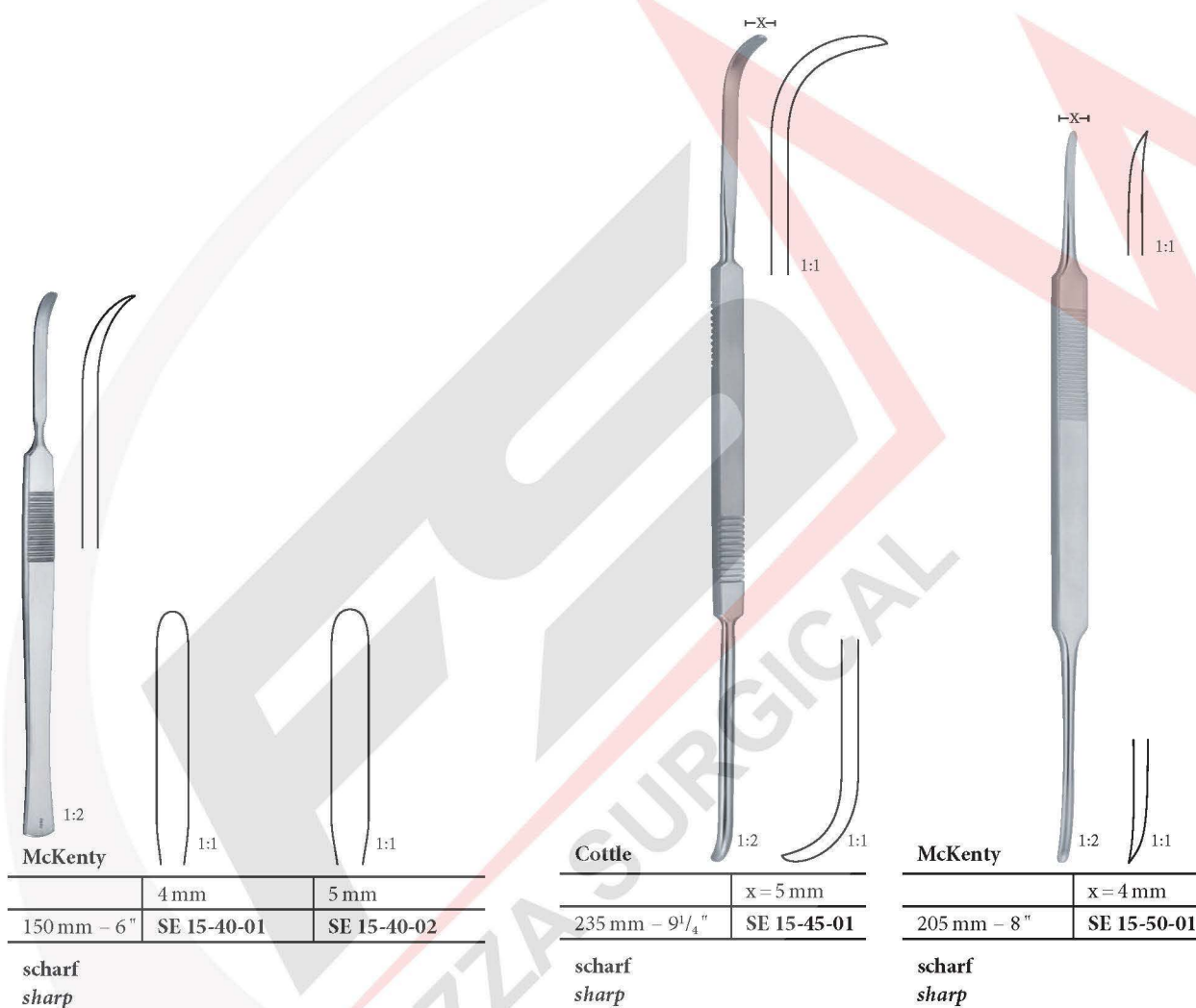
**LEMPERT**

185 mm, 7  $\frac{1}{4}$ "  
SE 15-35-01



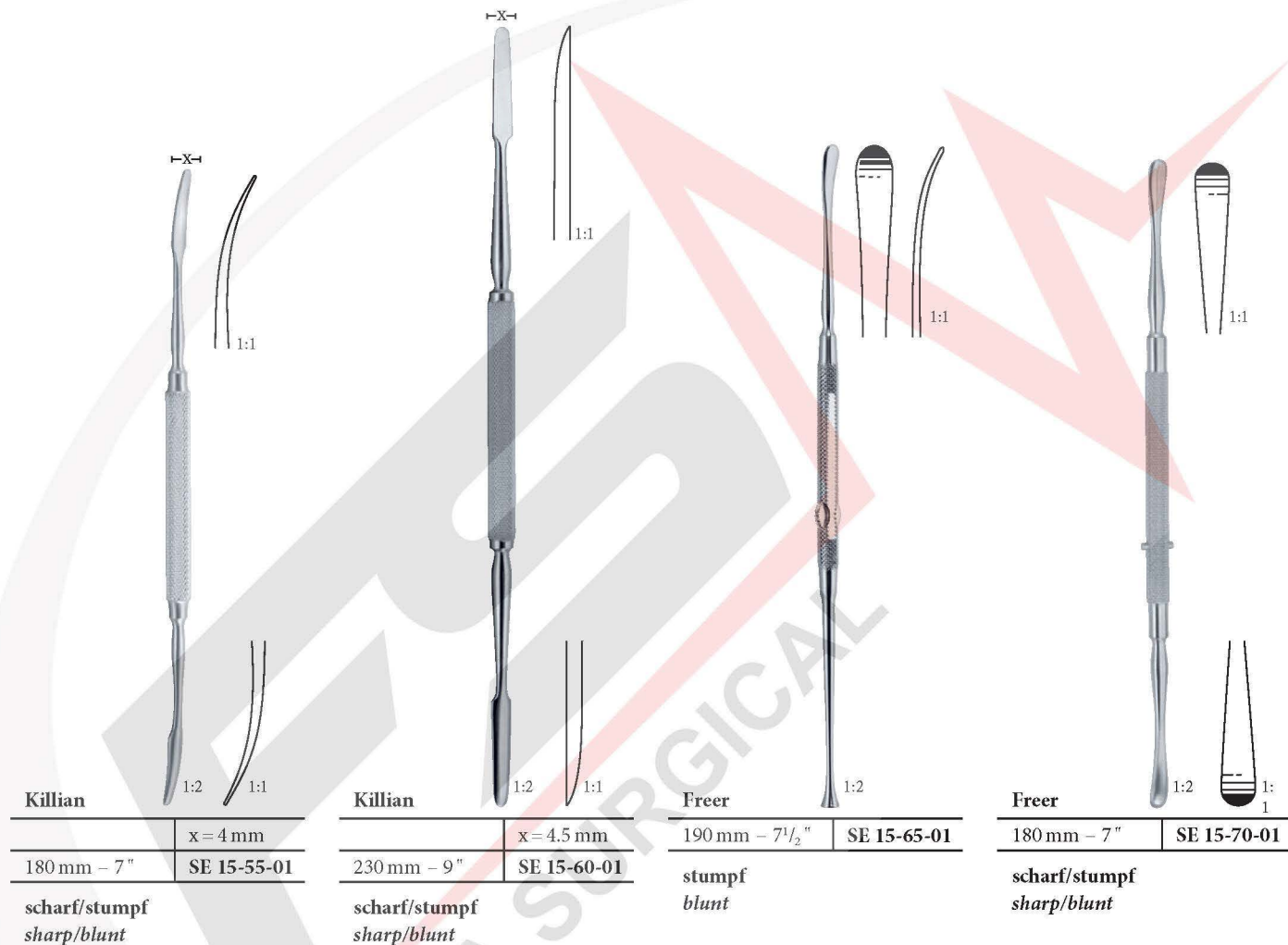
$\frac{1}{2}$

**Septum elevatorien – Raspatorien : *Septum elevators – raspatories***  
**Elevadores – legras para el tabique nasal : *Elevatori – periostotomi per setto***  
**Elevateurs – rugines pour la cloison nasale**





**Septumelevatorien – Raspatorien : *Septum elevators – raspatories***  
**Elevadores – legras para el tabique nasal : *Elevatori – periostotomi per setto***  
**Elevateurs – rugines pour la cloison nasale**



## SURGERY HNO – ENT

Septum elevatorien – Raspatorien : *Septum elevators – raspatories*

*Elevadores – legras para el tabique nasal : Elevatori – periostotomi per setto*

*Elevateurs – rugines pour la cloison nasale*



**Freer**

205 mm – 8"

SE 15-75-01

scharf/stumpf  
sharp/blunt



**Freer**

195 mm – 7<sup>3</sup>/<sub>4</sub>"

SE 15-76-01

scharf/stumpf  
sharp/blunt



**Pennington**

215 mm – 8<sup>1</sup>/<sub>2</sub>"

SE 15-80-01

stumpf  
blunt



**Joseph-Masing**

215 mm – 8<sup>1</sup>/<sub>2</sub>"

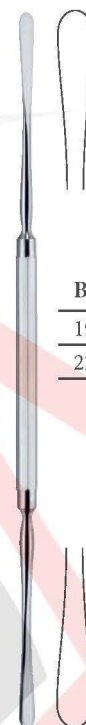
SE 15-85-01

scharf  
sharp



**Masing**

|             |             |
|-------------|-------------|
| 200 mm – 8" | PE 15-10-01 |
|-------------|-------------|



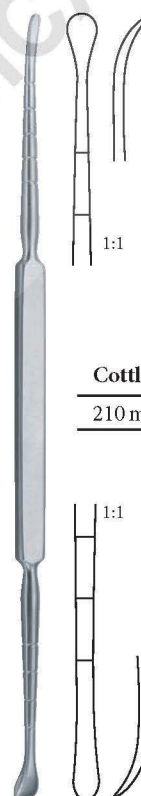
**Ballenger-Hajek**

|                                          |             |
|------------------------------------------|-------------|
| 190 mm – 7 <sup>1</sup> / <sub>4</sub> " | PE 15-15-01 |
| 220 mm – 8 <sup>3</sup> / <sub>4</sub> " | PE 15-15-02 |



**Cottle**

|                                          |             |
|------------------------------------------|-------------|
| 220 mm – 8 <sup>3</sup> / <sub>4</sub> " | PE 15-20-01 |
|------------------------------------------|-------------|



**Cottle**

|                                          |             |
|------------------------------------------|-------------|
| 210 mm – 8 <sup>1</sup> / <sub>4</sub> " | PE 15-25-01 |
|------------------------------------------|-------------|

## SURGERY HNO – ENT

Septumelevatorien : *Septum elevators*

Elevateurs pour la cloison nasale : *Elevadores para el tabique nasal*

Elevatori per setto



1:2

### Boies

|              |             |
|--------------|-------------|
| 190 mm – 7½" | SE 15-90-01 |
|--------------|-------------|

Nasenfraktur Elevatorium, stumpf  
*Nasal fracture elevator, blunt*



1:2

### Goldman

|              |             |
|--------------|-------------|
| 170 mm – 6¾" | SE 15-95-01 |
|--------------|-------------|

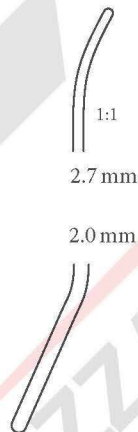
Septumfraktur Elevatorium  
*Septum displacer*



### Watson-Cheyne

|              |              |
|--------------|--------------|
| 130 mm – 5"  | 190 mm – 7½" |
| SE 15-100-01 | SE 15-101-01 |

Raspatorium  
*Raspatory*



## SURGERY HNO – ENT

Nasensägen : Nasal saws

Scies nasales : Sierras nasales

Seghe nasali



1:2



1:2

**Joseph**

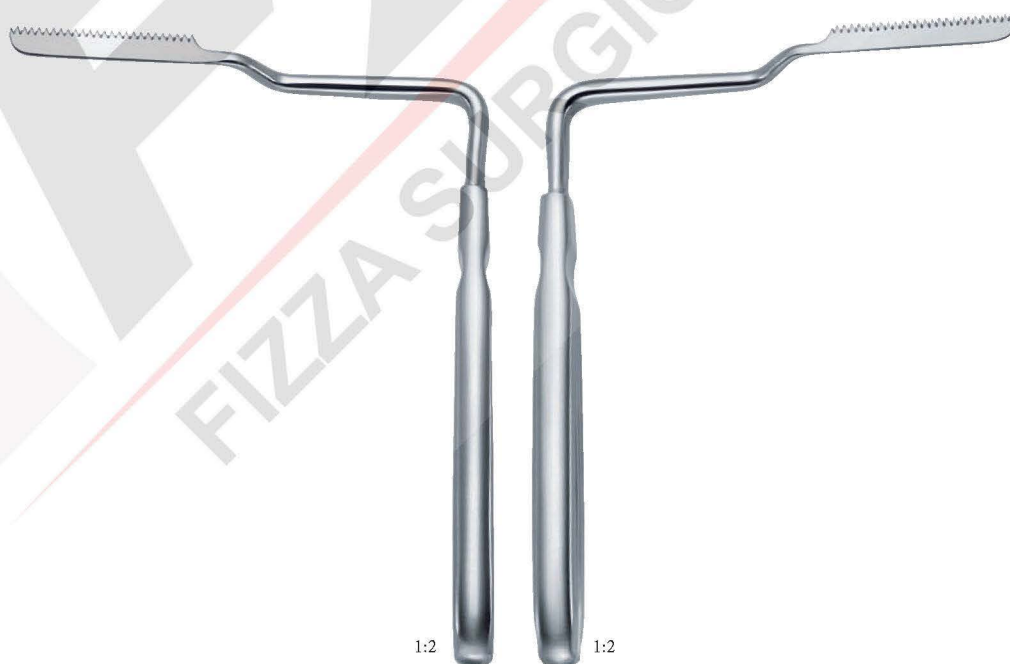
|                                          |                                          |
|------------------------------------------|------------------------------------------|
| 190 mm – 7 <sup>1</sup> / <sub>2</sub> " | 190 mm – 7 <sup>1</sup> / <sub>2</sub> " |
| NS 15-100-01                             | NS 15-100-02                             |



1:2

**Joseph**

|                                          |
|------------------------------------------|
| 190 mm – 7 <sup>1</sup> / <sub>2</sub> " |
| NS 15-105-01                             |



1:2

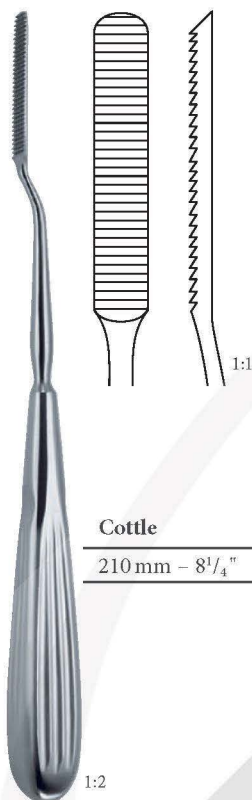
1:2

**Joseph**

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| 170 mm – 6 <sup>3</sup> / <sub>4</sub> " | 170 mm – 6 <sup>3</sup> / <sub>4</sub> " |
| NS 15-110-01                             | NS 15-111-01                             |

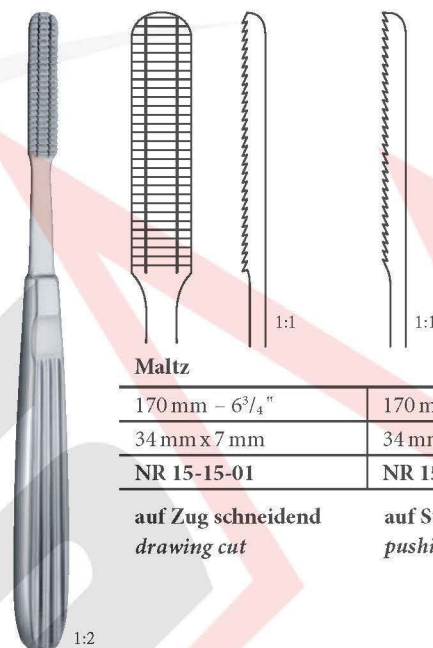


Nasenraspeln : *Nasal rasps*  
*Râpes nasales : Limas nasales*  
*Raspe nasali*



**Cottle**

|                                          |             |
|------------------------------------------|-------------|
| 210 mm – 8 <sup>1</sup> / <sub>4</sub> " | NR 15-10-01 |
|------------------------------------------|-------------|

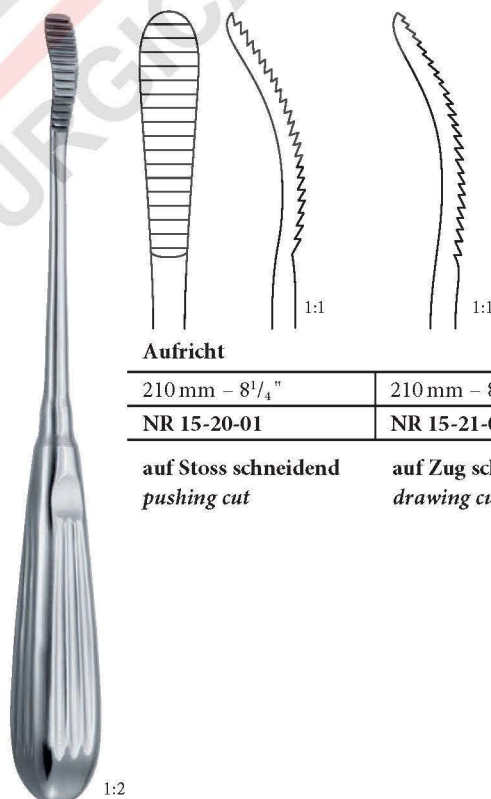


**Maltz**

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| 170 mm – 6 <sup>3</sup> / <sub>4</sub> " | 170 mm – 6 <sup>3</sup> / <sub>4</sub> " |
| 34 mm x 7 mm                             | 34 mm x 7 mm                             |
| NR 15-15-01                              | NR 15-16-01                              |

auf Zug schneidend  
*drawing cut*

auf Stoss schneidend  
*pushing cut*



**Aufricht**

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| 210 mm – 8 <sup>1</sup> / <sub>4</sub> " | 210 mm – 8 <sup>1</sup> / <sub>4</sub> " |
| NR 15-20-01                              | NR 15-21-01                              |

auf Stoss schneidend  
*pushing cut*

auf Zug schneidend  
*drawing cut*

## SURGERY HNO – ENT

Nasenraspeln : *Nasal rasps*  
 Râpes nasales : *Limas nasales*  
 Raspe nasali



1:2



1:1

**Maltz**

|              |
|--------------|
| 40 mm x 9 mm |
| 175 mm – 7"  |
| NR 15-25-01  |



1:2

**Wiener**

|             |             |
|-------------|-------------|
| Ø 3.5 mm    | Ø 3.5 mm    |
| 180 mm – 7" | NR 15-30-01 |
|             | NR 15-31-01 |



1:1



1:1

### Antrum Raspeln

#### Antrum rasps

Râpes pour le fosse nasale

Limas para el antrum

Raspe per antrum



1:2



1:1

**Gallaher**

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| 160 mm – 6 1/4" | 160 mm – 6 1/4" | 160 mm – 6 1/4" |
| NR 15-37-01     | NR 15-35-01     | NR 15-36-01     |



1:2



1:1



1:1

**Fomom**

|                 |
|-----------------|
| 210 mm – 8 1/4" |
| NR 15-40-01     |

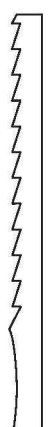
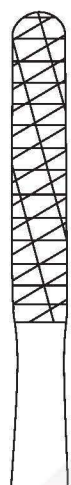
## SURGERY HNO – ENT

Raspeln mit Hartmetall : *Rasps with tungsten carbide*

Râpes avec inserts de carbure de tungstène : *Limas con carburo de tungsteno*

Raspe con tungsteno



|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| <b>Fomon</b>                                                                      | 1:1                                                                               | 1:1                                                                               | 1:1                                                                               | 1:1                                                                                 | 1:1                                                                                 |
|                                                                                   | Fig. 1                                                                            | Fig. 3                                                                            | Fig. 5                                                                            | Fig. 7                                                                              | Fig. 9                                                                              |
| <b>Zähne : Teeth</b>                                                              | 12                                                                                | 16                                                                                | 24                                                                                | 36                                                                                  | 52                                                                                  |
| 200 mm – 8"                                                                       | NR 15-45-01 TC                                                                    | NR 15-45-02 TC                                                                    | NR 15-45-03 TC                                                                    | NR 15-45-04 TC                                                                      | NR 15-45-05 TC                                                                      |



|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| <b>Fomon TC</b>                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|                                                                                     | Fig. 2                                                                              | Fig. 4                                                                              | Fig. 6                                                                              | Fig. 8                                                                                | Fig. 10                                                                               |
| <b>Zähne<br/>Teeth</b>                                                              | 14                                                                                  | 20                                                                                  | 30                                                                                  | 44                                                                                    | 62                                                                                    |

1:1