

## Nadelhalter mit Hartmetalleinsätzen im Maulbereich Needle holders with tungsten-carbide inserts in the jaws

Porte-aiguilles avec des inserts de carbure de tungstène dans les mors  
Porte-agujas con insertos de carburo tungsteno en las bocas  
Port'aghi con inserti in carburo di tungsteno



Alle Nadelhalter mit „tucar“ Hartmetalleinsätzen bieten einen sicheren, festen Halt der Nadel und verhindern deren Verdrehen. Zur Kennzeichnung sind alle Hartmetall-Nadelhalter an den Ringgriffen bzw. den Branchen vergoldet.

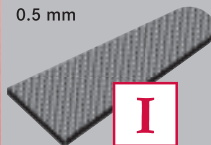
All the needle holders with “tucar” tungsten-carbide inserts offer a safe and secure grip of the needle and prevent the twisting of the same. Needle holders with tungsten-carbide inserts are identified by gold-plated rings or handles.

Tous les porte-aiguilles avec des inserts «tucar» de carbure de tungstène garantissent que les aiguilles sont tenues sûres et fortes et qu'elles ne peuvent pas se tordre. Les portes aiguilles avec des inserts de tungstène de carbure peuvent être reconnus à leurs bagues ou manches dorées.

Todas las porta-agujas “tucar” con los insertos de carburo tungsteno aseguran la sujeción firme y seguro de las agujas que evita la torsión de las cuales. Porta-agujas con insertos de carburo de tungsteno se reconocen por los anillos o mangos dorados.

Tutti i port'aghi con inserti in carburo di tungsteno “tucar” (tungsten-carbide) assicurano una presa dell'ago sicura e forte, che previene la torsione dall'ago stesso. I port'aghi con inserto in carburo di tungsteno sono riconoscibili per la doratura del manico o degli anelli.

0.5 mm

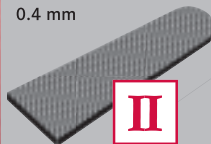


**I**

Normal für Nadeln und Nahtmaterial bis Stärke 4-0  
Regular for use with needles and sutures up to size 4-0

Normale pour aiguilles et matériel à suture jusqu'à l'épaisseur de 4-0  
Normal para agujas y material de suturar hasta el espesor de 4-0  
Normale per aghi e materiale per sutura fino ad uno spessore di 4-0

0.4 mm

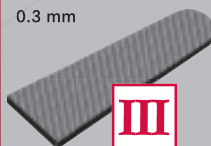


**II**

Fein für feine Nadeln und Nahtmaterial Stärke 5-0 + 6-0  
Fine for delicate needles and sutures sizes 5-0 + 6-0

Fino pour aiguilles fines et matériel à suture à l'épaisseur 5-0 + 6-0  
Fine para agujas finas y material de suturar espesores 5-0 + 6-0  
Fine per aghi fini e materiale per sutura con spessore 5-0 + 6-0

0.3 mm



**III**

Extrafein für Mikro-Nadeln und Nahtmaterial Stärke 7-0 bis 10-0  
Extrafine for use with micro-needles and sutures size 7-0 and 10-0

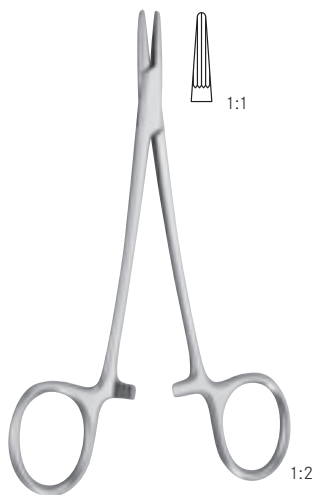
Extrafino pour micro-aiguilles et matériel à suture à l'épaisseur 7-0 à 10-0  
Extrafine para micro-agujas y material de suturas espesor 7-0 y 10-0  
Extrafine per micro-aghi e materiale per sutura 7-0 e 10-0

Glatt für feine Nadeln und Nahtmaterial Stärke 7-0 bis 12-0  
Smooth for delicate needles and sutures sizes 7-0 and 12-0

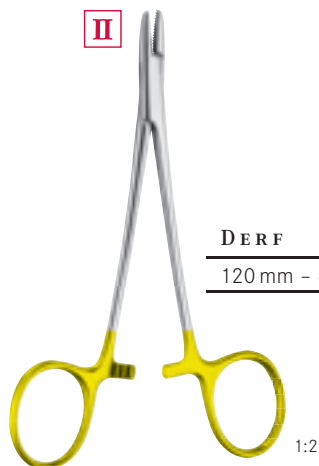
Liso pour aiguilles fines et matériel à suture à l'épaisseur 7-0 à 12-0  
Lisse para agujas finas y material de suturas espesor 7-0 y 12-0  
Liscia per aghi fini e materiale per sutura 7-0 e 12-0

**IV**

**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi



**DERF**  
 125 mm - 5"  
**tk 20308-12**



**DERF**  
 120 mm - 4 3/4" | **tk 20008-12** | **tk 20508-12 TC**

ein Maul gefenstert  
*one fenestrated jaw*  
 une coté du mors fenêtré  
*un lado de la boca fenestrada*  
 una parte del morso finestrado



**CRILE-MURRAY**  
 150 mm - 6"  
**tk 20001-15**



**CRILE-WOOD**  
 150 mm - 6" | **tk 20002-15** | **tk 20502-15 TC**  
 180 mm - 7" | **tk 20002-18** | **tk 20502-18 TC**  
 200 mm - 8" | **tk 20002-20** | **tk 20502-20 TC**

Nadelhalter  
Needle holders

Porte-aiguilles  
Porta-agujas  
Porta aghi



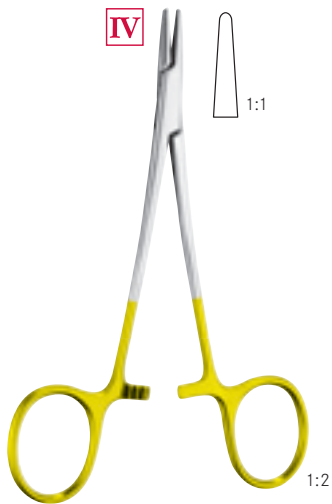
**HEGAR-BAUMGARTNER**

140 mm - 5 3/4"	<b>tk 20003-14</b>
140 mm - 5 3/4"	<b>tk 20503-14 TC</b>



**BABY-CRILE-WOOD**

150 mm - 6"	<b>tk 20504-15 TC</b>
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**WEBSTER**

130 mm - 5"	<b>tk 20009-13</b>
130 mm - 5"	<b>tk 20509-13 TC</b>

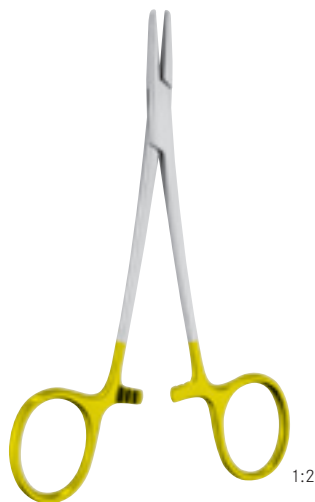
glatt  
smooth  
lisse  
liso  
liscio



**MATHIEU-OLSEN**

140 mm - 5 1/2"	<b>tk 20106-14</b>	<b>tk 20516-14 TC</b>
170 mm - 6 3/4"	<b>tk 20106-17</b>	<b>tk 20516-17 TC</b>
200 mm - 8"	<b>tk 20106-20</b>	<b>tk 20516-20 TC</b>

**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi



**IV**



1:1

**II**



1:1

**HALSEY**

130 mm - 5"	<b>tk 20010-13</b>	<b>tk 20011-13</b>
130 mm - 5"	<b>tk 20510-13 TC</b>	<b>tk 20511-13 TC</b>

glatt  
smooth

lisse  
liso  
liscio

gerieft  
serrated

strié  
estriada  
zigrinato

**II**



1:2



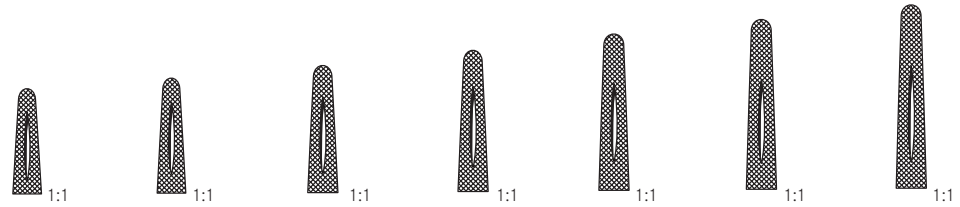
1:2

**OLSEN-HEGAR**

120 mm - 4 <sup>3</sup> / <sub>4</sub> "	<b>tk 20036-12</b>	<b>tk 20536-12 TC</b>
140 mm - 5 <sup>1</sup> / <sub>2</sub> "	<b>tk 20036-14</b>	<b>tk 20536-14 TC</b>
170 mm - 6 <sup>3</sup> / <sub>4</sub> "	<b>tk 20036-17</b>	<b>tk 20536-17 TC</b>
190 mm - 7 <sup>1</sup> / <sub>2</sub> "	<b>tk 20036-19</b>	<b>tk 20536-19 TC</b>

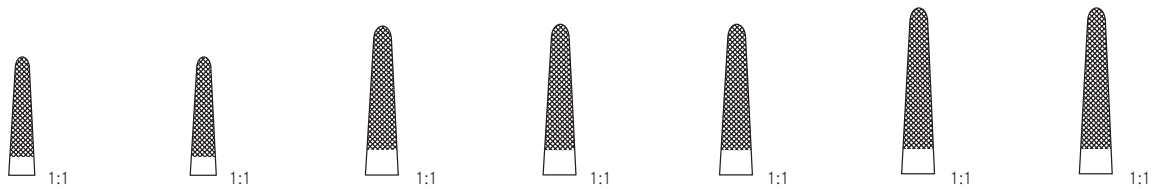
Nadelhalter  
Needle holders

Porte-aiguilles  
Porta-agujas  
Porta aghi



MAYO-HEGAR

140mm - 5½"	160mm - 6¼"	180mm - 7"	200mm - 8"	240mm - 9½"	260mm - 10¼"	300mm - 12"
<b>tk 20012-14</b>	<b>tk 20012-16</b>	<b>tk 20012-18</b>	<b>tk 20012-20</b>	<b>tk 20012-24</b>	<b>tk 20012-26</b>	<b>tk 20012-30</b>



MAYO-HEGAR

140mm - 5½"	160mm - 6¼"	180mm - 7"	200mm - 8"	240mm - 9½"	260mm - 10¼"	300mm - 12"
<b>tk 20512-14 TC</b>	<b>tk 20512-16 TC</b>	<b>tk 20512-18 TC</b>	<b>tk 20512-20 TC</b>	<b>tk 20512-24 TC</b>	<b>tk 20512-26 TC</b>	<b>tk 20512-30 TC</b>

**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi

**II**



**GILLIES**

160 mm - 6 1/4"



1:1



1:1

**tk 20035-16**

**tk 20535-16 TC**

1:2



1:2



**GILLIES**

145 mm - 5 3/4"



1:1



1:1

**tk 20035-14**

**tk 20535-14 TC**

1:2



1:2

**FOSTER-GILLIES**

120 mm - 4 3/4"



1:2

**tk 20546-12 TC**



1:2

**tk 20548-12 TC**



1:2

**tk 20547-12 TC**



1:2

**tk 20549-12 TC**

gerade, gerieft  
*straight, serrated*  
 droit, strié  
*recta, estriada*  
 retto, zigrinato

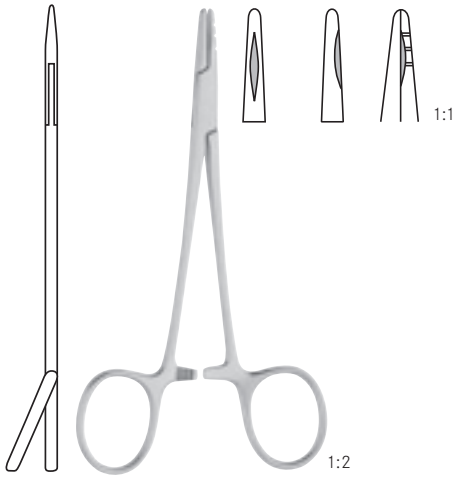
gerade, glatt  
*straight, smooth*  
 droit, lisse  
*recta, lisa*  
 retto, liscio

gebogen, gerieft  
*curved, serrated*  
 courbe, strié  
*curva, estriada*  
 curvo, zigrinato

gebogen, glatt  
*curved, smooth*  
 courbe, lisse  
*curva, lisa*  
 curvo, liscio

Nadelhalter  
Needle holders

Porte-aiguilles  
Porta-agujas  
Porta aghi

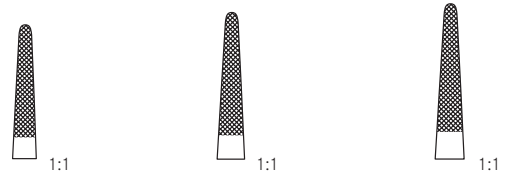
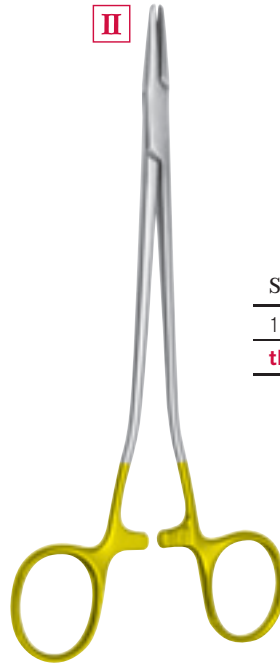


**NEIVERT**

125 mm - 5"

**tk 20304-13**

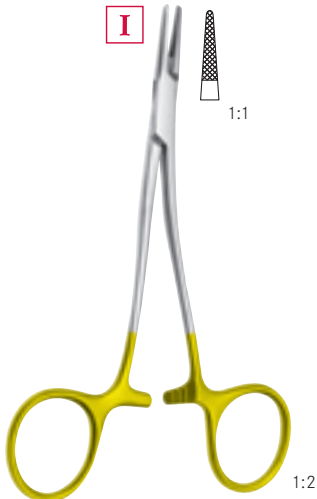
**II**



**SAROT**

180 mm - 7"	200 mm - 8"	260 mm - 10 1/4"
<b>tk 20524-18 TC</b>	<b>tk 20524-20 TC</b>	<b>tk 20524-26 TC</b>

**I**

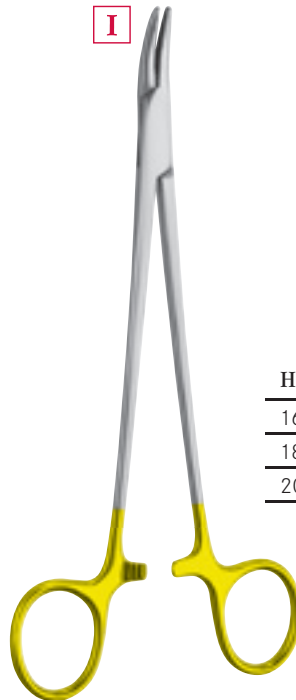


**KILNER**

135 mm - 5 1/4"

**tk 20533-13 TC**

**I**



**HEANEY**

160 mm - 6 1/4"	<b>tk 20515-16 TC</b>
180 mm - 7"	<b>tk 20515-18 TC</b>
200 mm - 8"	<b>tk 20515-20 TC</b>

**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi

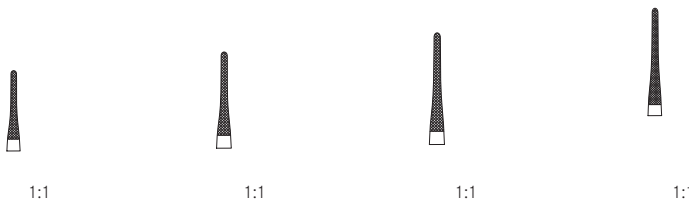
**II**



**DE BAKEY**

180 mm - 7"	200 mm - 8"	230 mm - 9"	260 mm - 10¼"
<b>tk 20522-18 TC</b>	<b>tk 20522-20 TC</b>	<b>tk 20522-23 TC</b>	<b>tk 20522-26 TC</b>

**III**



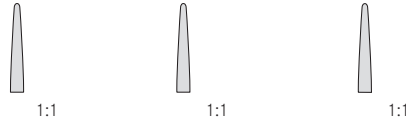
**VASCULAR**

140 mm - 5½"	180 mm - 7"	200 mm - 8"	230 mm - 9"
<b>tk 20525-14 TC</b>	<b>tk 20525-18 TC</b>	<b>tk 20525-20 TC</b>	<b>tk 20525-23 TC</b>



Nadelhalter  
Needle holders

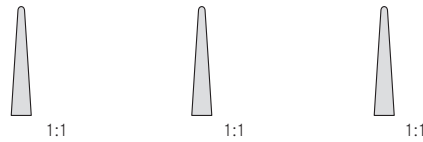
Porte-aiguilles  
Porta-agujas  
Porta aghi



130 mm - 5"	150 mm - 5¾"	170 mm - 6¾"
<b>tk 20570-13</b>	<b>tk 20570-15</b>	<b>tk 20570-17</b>

mit Spezialbeschichtung im Maul  
*with special coated jaw*

mors avec couche special  
*boca con capa especial*  
morso "diamant dust"



180 mm - 7"	200 mm - 8"	230 mm - 9"
<b>tk 20570-18</b>	<b>tk 20570-20</b>	<b>tk 20570-23</b>

mit Spezialbeschichtung im Maul  
*with special coated jaw*

mors avec couche special  
*boca con capa especial*  
morso "diamant dust"



Beschichtung mit Hartmetallstaub.  
Sicheres Halten der Nadel  
Speziell geeignet für feine Nadelhalter, keine Bruchgefahr der Maulspitzen.

*Jaws coated with carbide dust.*  
*Secure fixing of the needle.*  
*Suitable for delicate needle-holders, no risk of breakage of the jaws*

Mors recouverts de poussière de carbure.  
Tenu sûre de l'aiguille.  
Spécialement approprié pour des port-aiguilles fins, pas de risque des ruptures des mors.

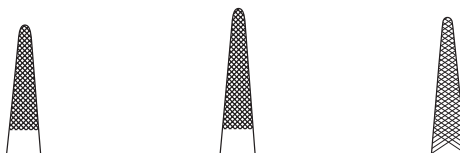
*Bocas revestidas con polvo de carburo.*  
*Fija seguramente la aguja.*  
*Apto para porta-agujas delicados, ningún riesgo de roturas de las bocas.*

Morsi rivestiti con polvere di carburo.  
Regge sicuramente l'ago.  
Appropriato particolarmente per porta-aghi sottili, senza rischio per rottura di morso.

**Nadelhalter** | Porte-aiguilles  
**Needle holders** | Porta-agujas  
 Porta aghi



**II**



**LICHTENBERG**

170 mm - 6¾"	<b>tk 20615-17 TC</b>		<b>tk 20115-17</b>
200 mm - 8"		<b>tk 20615-20 TC</b>	<b>tk 20115-20</b>

**III**



**DIETRICH**

160 mm - 6¼"	<b>tk 20560-16 TC</b>
180 mm - 7"	<b>tk 20560-18 TC</b>
200 mm - 8"	<b>tk 20560-20 TC</b>
230 mm - 9"	<b>tk 20560-23 TC</b>
250 mm - 9¾"	<b>tk 20560-25 TC</b>

**II**



**III**



**RYDER**

130 mm - 5"	<b>tk 20540-13 TC</b>	<b>tk 20541-13</b>
150 mm - 6"	<b>tk 20540-15 TC</b>	<b>tk 20541-15</b>
180 mm - 7"	<b>tk 20540-18 TC</b>	<b>tk 20541-18</b>
200 mm - 8"	<b>tk 20540-20 TC</b>	<b>tk 20541-20</b>
230 mm - 9"	<b>tk 20540-23 TC</b>	<b>tk 20541-23</b>
260 mm - 10¼"	<b>tk 20540-26 TC</b>	

**MINI-RYDER**

<b>tk 20542-13 TC</b>
<b>tk 20542-15 TC</b>
<b>tk 20542-18 TC</b>
<b>tk 20542-20 TC</b>
<b>tk 20542-23 TC</b>
<b>tk 20542-26 TC</b>



mit Spezialbeschichtung im Maul  
 with special coated jaw

Mors avec couche special  
 Boca con capa especial  
 Morso "diamant dust"

Nadelhalter  
Needle holders

Porte-aiguilles  
Porta-agujas  
Porta aghi

IV



CASTROVIEJO-  
JACOBSON



140 mm - 5½"			tk 20210-14	tk 20710-14 TC
150 mm - 6"	tk 20204-15	tk 20704-15 TC	tk 20210-15	tk 20710-15 TC
180 mm - 7"	tk 20204-18	tk 20704-18 TC	tk 20210-18	tk 20710-18 TC
210 mm - 8¼"	tk 20204-21	tk 20704-21 TC	tk 20210-21	tk 20710-21 TC

glattes Maul  
*smooth jaws*  
mors lisse  
*boca lisa*  
morso liscio

gerade, ohne Sperre  
*straight, without ratchet*  
droit, sans crémaillère  
*recta, sin cremallera*  
retto, senza cremagliera

gerade, mit Sperre  
*straight, with ratchet*  
droit, avec crémaillère  
*recta, con cremallera*  
retto, con cremagliera



140 mm - 5½"			tk 20211-14	tk 20711-14 TC
150 mm - 6"	tk 20205-15	tk 20705-15 TC	tk 20211-15	tk 20711-15 TC
180 mm - 7"	tk 20205-18	tk 20705-18 TC	tk 20211-18	tk 20711-18 TC
210 mm - 8¼"	tk 20205-21	tk 20705-21 TC	tk 20211-21	tk 20711-21 TC

glattes Maul  
*smooth jaws*  
mors lisse  
*boca lisa*  
morso liscio

gebogen, ohne Sperre  
*curved, without ratchet*  
courbe, sans crémaillère  
*curva, sin cremallera*  
curvo, senza cremagliera

gebogen, mit Sperre  
*curved, with ratchet*  
courbe, avec crémaillère  
*curva, con cremallera*  
curvo, con cremagliera



BARRAQUER



1:1



1:1

145 mm - 5¾"	tk 20200-14	tk 20201-14
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gerade  
*straight*  
droit  
*recta*  
retto

gebogen  
*curved*  
courbe  
*curva*  
curvo

1:2

**Mikronadelhalter**  
*Micro needle holders*

Micro porte aiguilles  
*Micro porta agujas*  
Micro porta aghi



**CASTROVIEJO**

x = 11.0 mm x 0.75 mm

140 mm - 5½"

**tk 40910-14**

**tk 40911-14**

**tk 40912-14**

**tk 40913-14**

ohne Sperre, feines Maul  
*without ratchet, fine jaws*

gerade  
*straight*

gebogen  
*curved*

gerade, diamantiert  
*straight, diamond coated*

gebogen, diamantiert  
*curved, diamond coated*

sans crémaillère, mors fine  
*sin cremallera, boca fina*

droit  
*recta*

courbe  
*curva*

droit, diamanté  
*recta, diamantada*

courbe, diamanté  
*curva, diamantada*

senza cremagliera, morso fino

retto

curvo

retto, diamantato

curvo, diamantato

x = 11.0 mm x 0.75 mm

140 mm - 5½"

**tk 40915-14**

**tk 40917-14**

**tk 40918-14**

**tk 40919-14**

mit Sperre, feines Maul  
*with ratchet, fine jaws*

gerade  
*straight*

gebogen  
*curved*

gerade, diamantiert  
*straight, diamond coated*

gebogen, diamantiert  
*curved, diamond coated*

avec crémaillère, mors fine  
*con cremallera, boca fina*

droit  
*recta*

courbe  
*curva*

droit, diamanté  
*recta, diamantada*

courbe, diamanté  
*curva, diamantada*

con cremagliera, morso fino

retto

curvo

retto, diamantato

curvo, diamantato







1:1





Mikronadelhalter  
Micro needle holders

Micro porte aiguilles  
Micro porta agujas  
Micro porta aghi







JACOBSON	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7"	<b>tk 25740-01</b>	<b>tk 25740-02</b>	<b>tk 25740-13</b>	<b>tk 25740-14</b>
ohne Sperre without ratchet	gerade straight	gebogen curved	gerade, diamantiert straight, diamond coated	gebogen, diamantiert curved, diamond coated
sans crémaillère sin cremallera	droit recta	courbe curva	droit, diamanté recta, diamantada	courbe, diamanté curva, diamantada
senza cremagliera	retto	curvo	retto, diamantato	curvo, diamantato
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7"	<b>tk 25740-03</b>	<b>tk 25740-04</b>	<b>tk 25740-15</b>	<b>tk 25740-16</b>
mit Sperre with ratchet	gerade straight	gebogen curved	gerade, diamantiert straight, diamond coated	gebogen, diamantiert curved, diamond coated
avec crémaillère con cremallera	droit recta	courbe curva	droit, diamanté recta, diamantada	courbe, diamanté curva, diamantada
con cremagliera	retto	curvo	retto, diamantato	curvo, diamantato



	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7"	<b>tk 25740-05 tucar</b>	<b>tk 25740-06 tucar</b>	<b>tk 25740-09 tucar</b>	<b>tk 25740-10 tucar</b>
ohne Sperre without ratchet	gerade, glatt straight, smooth	gebogen, glatt curved, smooth	gerade, gerieft straight, serrated	gebogen, gerieft curved, serrated
sans crémaillère sin cremallera	droit, lisse recta, liso	courbe, lisse curva, lisa	droit, strié recta, estriada	courbe, strié curva, estriada
senza cremagliera	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7"	<b>tk 25740-07 tucar</b>	<b>tk 25740-08 tucar</b>	<b>tk 25740-11 tucar</b>	<b>tk 25740-12 tucar</b>
1 mm				
mit Sperre with ratchet	gerade, glatt straight, smooth	gebogen, glatt curved, smooth	gerade, gerieft straight, serrated	gebogen, gerieft curved, serrated
avec crémaillère con cremallera	droit, lisse recta, liso	courbe, lisse curva, lisa	droit, strié recta, estriada	courbe, strié curva, estriada
con cremagliera	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato

**Mikronadelhalter mit Rundgriff**  
*Micro needle holders with round handle*

Micro porte aiguilles avec manche ronde  
*Micro porta agujas con mango redondo*  
 Micro porta aghi con manico rotondo

BARRAQUER		 1:1	 1:1	 1:1	 1:1
140 mm - 5½"	8 mm Ø	<b>tk 25622-01</b>	<b>tk 25622-02</b>	<b>tk 25622-05</b>	<b>tk 25622-06</b>
ohne Sperre, sehr feines Maul <i>without ratchet, extra delicate jaws</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>	
sans crémaillère, mors très fine <i>sin cremallera, boca muy fina</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>	
senza cremagliera, morso molto fino	retto	curvo	retto, diamantato	curvo, diamantato	
140 mm - 5½"	8 mm Ø	<b>tk 25622-03</b>	<b>tk 25622-04</b>	<b>tk 25622-07</b>	<b>tk 25622-08</b>
mit Sperre, sehr feines Maul <i>with ratchet, extra delicate jaws</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>	
avec crémaillère, mors très fine <i>con cremallera, boca muy fina</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>	
con cremagliera, morso molto fino	retto	curvo	retto, diamantato	curvo, diamantato	



1:1

**Mikronadelhalter mit Rundgriff**  
*Micro needle holders with round handle*

Micro porte aiguilles avec manche ronde  
*Micro porta agujas con mango redondo*  
 Micro porta aghi con manico rotondo



110 mm - 4 1/4"	8 mm Ø	<b>tk 25637-11</b>	<b>tk 25638-11</b>
125 mm - 5"	7 mm Ø	<b>tk 25654-12</b>	<b>tk 25655-12</b>
130 mm - 5"	8 mm Ø	<b>tk 25658-13</b>	<b>tk 25659-13</b>
130 mm - 5"	10 mm Ø	<b>tk 25652-13</b>	<b>tk 25653-13</b>
150 mm - 6"	8 mm Ø	<b>tk 25640-15</b>	<b>tk 25641-15</b>
180 mm - 7"	8 mm Ø	<b>tk 25664-18</b>	<b>tk 25665-18</b>
180 mm - 7"	10 mm Ø	<b>tk 25668-18</b>	<b>tk 25669-18</b>

ohne Sperre  
*without ratchet*  
 sans crémaillère  
*sin cremallera*  
 senza cremagliera

gerade  
*straight*  
 droit  
*recta*  
 retto

gebogen  
*curved*  
 courbe  
*curva*  
 curvo

110 mm - 4 1/4"	8 mm Ø	<b>tk 25635-11</b>	<b>tk 25636-11</b>
125 mm - 5"	7 mm Ø	<b>tk 25656-12</b>	<b>tk 25657-12</b>
130 mm - 5"	8 mm Ø	<b>tk 25662-13</b>	<b>tk 25663-13</b>
130 mm - 5"	10 mm Ø	<b>tk 25645-13</b>	<b>tk 25646-13</b>
150 mm - 6"	8 mm Ø	<b>tk 25642-15</b>	<b>tk 25643-15</b>
180 mm - 7"	8 mm Ø	<b>tk 25666-18</b>	<b>tk 25667-18</b>
180 mm - 7"	10 mm Ø	<b>tk 25670-18</b>	<b>tk 25671-18</b>

mit Sperre  
*with ratchet*  
 avec crémaillère  
*con cremallera*  
 con cremagliera





gerade  
*straight*  
 droit  
*recta*  
 retto

gebogen  
*curved*  
 courbe  
*curva*  
 curvo

**Mikronadelhalter mit Rundgriff**  
*Micro needle holders with round handle*





**Micro porte aiguilles avec manche ronde**  
*Micro porta agujas con mango redondo*  
**Micro porta aghi con manico rotondo**



YASARGIL	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm - 8 1/4"	<b>tk 25623-01</b>	<b>tk 25623-02</b>	<b>tk 25623-13</b>	<b>tk 25623-14</b>
ohne Sperre <i>without ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
sans crémaillère <i>sin cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantado</i>	courbe, diamanté <i>curva, diamantado</i>
senza cremagliera	retto	curvo	retto, diamantato	curvo, diamantato

	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm - 8 1/4"	<b>tk 25623-03</b>	<b>tk 25623-04</b>	<b>tk 25623-15</b>	<b>tk 25623-16</b>
mit Sperre <i>with ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
avec crémaillère <i>con cremallera</i>	droit <i>recta</i>	courbe <i>curva</i>	droit, diamanté <i>recta, diamantada</i>	courbe, diamanté <i>curva, diamantada</i>
con cremagliera	retto	curvo	retto, diamantato	curvo, diamantato



	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm - 8 1/4"	<b>tk 25623-05 tucar</b>	<b>tk 25623-06 tucar</b>	<b>tk 25623-09 tucar</b>	<b>tk 25623-10 tucar</b>
ohne Sperre <i>without ratchet</i>	gerade, glatt <i>straight, smooth</i>	gebogen, glatt <i>curved, smooth</i>	gerade, gerieft <i>straight, serrated</i>	gebogen, gerieft <i>curved, serrated</i>
sans crémaillère <i>sin cremallera</i>	droit, lisse <i>recta, lisa</i>	courbe, lisse <i>curva, lisa</i>	droit, strié <i>recta, estriada</i>	courbe, strié <i>curva, estriada</i>
senza cremagliera	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato

	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm - 8 1/4"	<b>tk 25623-07 tucar</b>	<b>tk 25623-08 tucar</b>	<b>tk 25623-11 tucar</b>	<b>tk 25623-12 tucar</b>
mit Sperre <i>with ratchet</i>	gerade, glatt <i>straight, smooth</i>	gebogen, glatt <i>curved, smooth</i>	gerade, gerieft <i>straight, serrated</i>	gebogen, gerieft <i>curved, serrated</i>
avec crémaillère <i>con cremallera</i>	droit, lisse <i>recta, lisa</i>	courbe, lisse <i>curva, lisa</i>	droit, strié <i>recta, estriada</i>	courbe, strié <i>curva, estriada</i>
con cremagliera	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato



Auf Anfrage mit kräftigem Maul 1.5 mm - 2.0 mm lieferbar.  
*On request also available with stronger jaw 1.5 mm - 2.0 mm.*

Egalement disponible avec mors plus gros 1.5 mm - 2.0 mm.  
*También disponible con boca mas fuerte 1.5 mm - 2.0 mm.*

A richiesta fornibile anche con morso più forte di mm 1.5 a mm 2.0.



**Mikronadelhalter**  
**Micro needle holders**

Micro porte aiguilles  
Micro porta agujas  
Micro porta aghi



Das 2 in 1 System erlaubt die Benutzung der Nadelhalter, selbst während des Eingriffs, mit Sperre (Fig. A) oder ohne Sperre (Fig. B). Außer dem wirtschaftlichen Aspekt, der für dieses System spricht, erhöht sich auch die Zuverlässigkeit der Instrumente.

*The 2 in 1 system allows to switch intraoperatively from lock (Fig. A) to lock free (Fig. B) use of the needle holder.*

*In addition to cost effectiveness, this new concept provides better reliability.*

Le système 2 in 1 permet d'utiliser, même en cours d'intervention, les porte-aiguille avec verrou (Fig. A) ou sans verrou (Fig. B). En dehors de l'aspect économique, ce nouveau concept apporte une plus grande fiabilité.

*El sistema 2 in 1 permite utilizar el portaaguja con cerrojo (Fig. A) o sin cerrojo (Fig. B) incluso durante la intervención. Aparte del aspecto económico, este nuevo concepto aporta una mayor fiabilidad.*

Il sistema 2 in 1 permette di utilizzare, anche in corso d'intervento il portaghi con la chiusura (Fig. A) o senza (Fig. B). Questo nuovo concetto assicura una maggiore affidabilità.



Fig. A

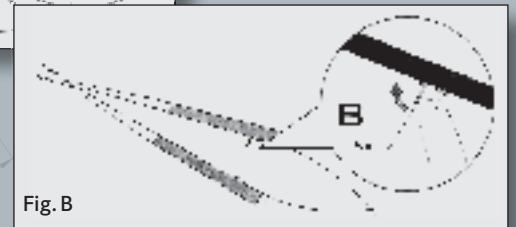


Fig. B

**Mikronadelhalter** | Micro porte aiguilles  
**Micro needle holders** | Micro porta agujas  
 Micro porta aghi



	0.4 x 0.6 mm	0.4 x 0.6 mm	0.6 x 0.6 mm	0.6 x 0.6 mm
200 mm - 8"	<b>tk 25685-13</b>	<b>tk 25685-14</b>	<b>tk 25685-15</b>	<b>tk 25685-16</b>

Titan, mit Sperre  
 Titanium, with ratchet  
 Titane, avec crémaillère  
 Titanio, con cremallera  
 Titanio, con cremagliera

Mikronadelhalter  
*Micro needle holders*

Micro porte aiguilles  
*Micro porta agujas*  
Micro porta aghi

**TITAN**TK



	0.3 mm x 0.4 mm	0.3 mm x 0.4 mm
180 mm - 7"	<b>tk 25685-07</b>	<b>tk 25685-08</b>

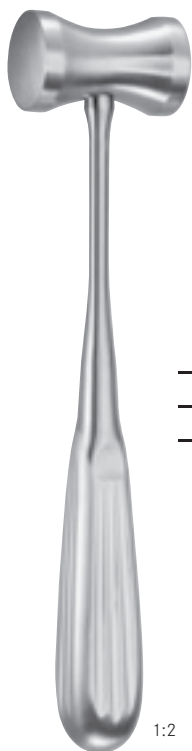
Titan, mit Sperre  
*Titanium, with ratchet*  
Titane, avec crémaillère  
*Titanio, con cremallera*  
Titanio, con cremagliera



	0.8 mm x 0.8 mm	0.8 mm x 0.8 mm
185 mm - 7 1/4"	<b>tk 25685-09</b>	<b>tk 25685-10</b>

Titan, mit Sperre  
*Titanium, with ratchet*  
Titane, avec crémaillère  
*Titanio, con cremallera*  
Titanio, con cremagliera

**Hämmer** | **Maillets**  
**Mallets** | **Martillos**  
**Martelli**



1:2

<b>H A J E K</b>	
	27 mm Ø - 140 g
215 mm - 8½"	<b>tk 24047-21</b>

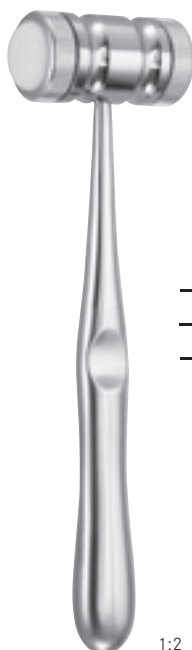
**Stahl massiv**  
**Steel solid**  
 Acier solide  
 Acero solido  
 Acciaio massiccio



1:2

<b>C O L L I N</b>	
	30 mm Ø - 220 g
200 mm - 8"	<b>tk 24051-20</b>

**Stahl massiv**  
**Steel solid**  
 Acier solide  
 Acero solido  
 Acciaio massiccio



1:2

<b>M E A D</b>		
	26 mm Ø - 320 g	26 mm Ø - 320 g
170 mm - 6¾"	<b>tk 24050-17</b>	<b>tk 24050-90</b>

<b>Stahl massiv, mit Ferrozellbacken</b> <i>Steel solid, with Ferrozell faces</i>	<b>Ersatzbacken, 1 Paar</b> <i>Spare faces, 1 pair</i>
Acier solide, avec plaques en Ferrozell	Plaques de rechange, 1 paire
Acero solido, con placas en Ferrozell	Placas de cambio, 1 par
Acciaio massiccio, con punte di Ferrozell	Placche di ricambio, 1 paia

Hämmer  
Mallets

Maillets  
Martillos  
Martelli



PARTSCH

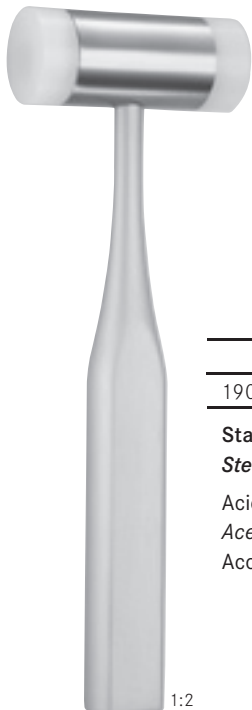
	22 mm Ø - 200 g
180 mm - 7"	<b>tk 24053-18</b>

1:2



1:2

	20 mm Ø - 140 g
165 mm - 6½"	<b>tk 24055-16</b>



1:2

	25 mm Ø - 205 g
190 mm - 7½"	<b>tk 24056-19</b>

Stahl massiv, mit Kunststoffbacken  
*Steel solid, with plastic faces*

Acier solide, avec plaques en plastic  
*Acero solido, con placas en plastica*  
Acciaio massiccio, con placche di plastica



1:2

LUCAE

	19 mm Ø - 230 g	25 mm Ø - 260 g
190 mm - 7½"	<b>tk 24057-01</b>	<b>tk 24057-02</b>

Stahl massiv  
*Steel solid*

Acier solide  
*Acero solido*  
Acciaio massiccio

**Meißel zur Nasenplastik**  
*Chisels, osteotomes for rhinoplastic*

Ostéotomes, ciseaux-burins pour rhinoplastique  
*Cinceles para rinoplastica*  
 Scalpelli per plastica nasale



**KILIAN**

	5 mm
160 mm - 6 1/4"	<b>tk 24261-16</b>



**KILIAN-CLAUS**

	5 mm
160 mm - 6 1/4"	<b>tk 24263-16</b>



**COTTLE**

	7 mm	12 mm
150 mm - 6"	<b>tk 24270-07</b>	<b>tk 24270-12</b>



1:2



**COTTLE**

	4 mm
190 mm - 7 1/2"	<b>tk 24272-19</b>



1:2



**COTTLE**

	6 mm
180 mm - 7"	<b>tk 24277-06</b>

Meißel zur Nasenplastik  
Chisels, osteotomes for rhinoplastic

Ostéotomes, ciseaux-burins pour rhinoplastique  
Cinceles para rinoplastica  
Scalpelli per plastica nasale



COTTLE				
	4 mm	7 mm	9 mm	12 mm
180 mm - 7"	<b>tk 24280-04</b>	<b>tk 24280-07</b>	<b>tk 24280-09</b>	<b>tk 24280-12</b>



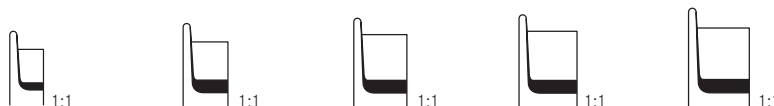
COTTLE				
	4 mm	7 mm	9 mm	12 mm
180 mm - 7"	<b>tk 24281-04</b>	<b>tk 24281-07</b>	<b>tk 24281-09</b>	<b>tk 24281-12</b>

**Meißel zur Nasenplastik**  
*Chisels, osteotomes for rhinoplastic*

Ostéotomes, ciseaux-burins pour rhinoplastique  
*Cinceles para rinoplastica*  
 Scalpelli per plastica nasale



1:2

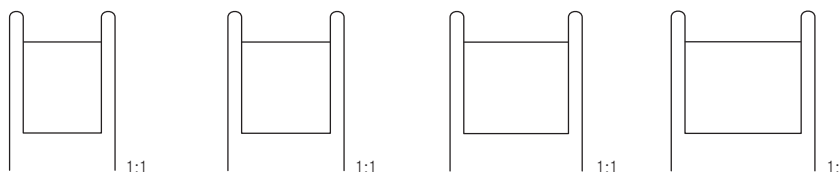


**FOMON**

	4 mm	5 mm	6 mm	7 mm	8 mm
170 mm - 6 3/4"	<b>tk 24278-04</b>	<b>tk 24278-05</b>	<b>tk 24278-06</b>	<b>tk 24278-07</b>	<b>tk 24278-08</b>



1:2



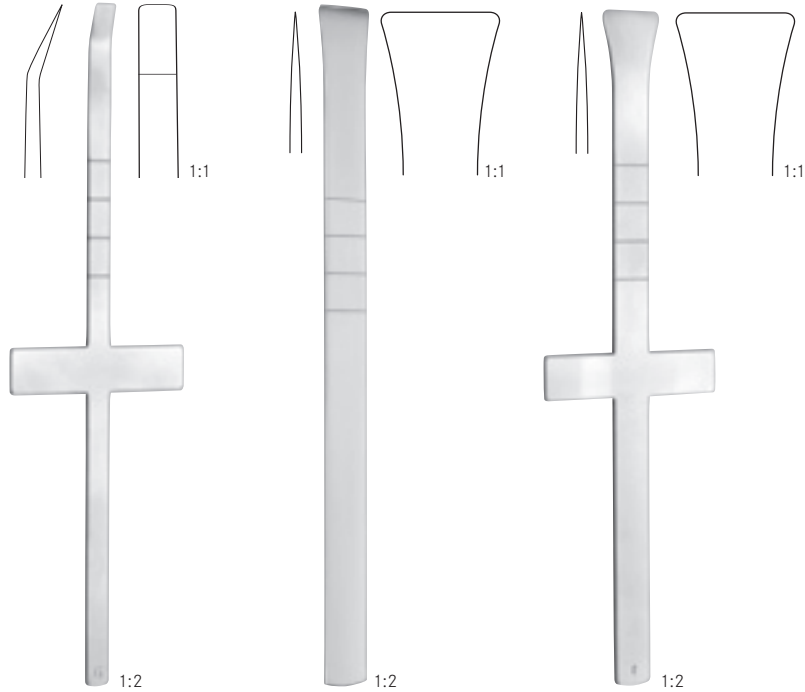
**CINELLI**

	10 mm	12 mm	14 mm	16 mm
180 mm - 7"	<b>tk 24279-10</b>	<b>tk 24279-12</b>	<b>tk 24279-14</b>	<b>tk 24279-16</b>



Meißel zur Nasenplastik  
*Chisels, osteotomes for rhinoplastic*

Ostéotomes, ciseaux-burins pour rhinoplastique  
*Cinceles para rinoplastica*  
Scalpelli per plastica nasale



COTTLE

	6 mm	16 mm	16 mm
180 mm - 7"	<b>tk 24283-06</b>	<b>tk 24284-16</b>	<b>tk 24286-16</b>



COTTLE

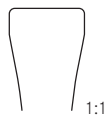
	4 mm	7 mm	9 mm	12 mm
200 mm - 8"	<b>tk 24287-04</b>	<b>tk 24287-07</b>	<b>tk 24287-09</b>	<b>tk 24287-12</b>

**Meißel zur Nasenplastik**  
*Chisels, osteotomes for rhinoplastic*

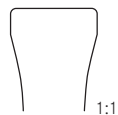
*Ostéotomes, ciseaux-burins pour rhinoplastique*  
*Cinceles para rinoplastica*  
*Scalpelli per plastica nasale*



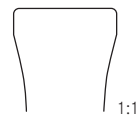
1:2



1:1



1:1



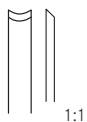
1:1

**RUBIN**

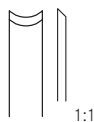
	10 mm	12 mm	14 mm
180 mm - 7"	<b>tk 24290-10</b>	<b>tk 24290-12</b>	<b>tk 24290-14</b>



1:2



1:1



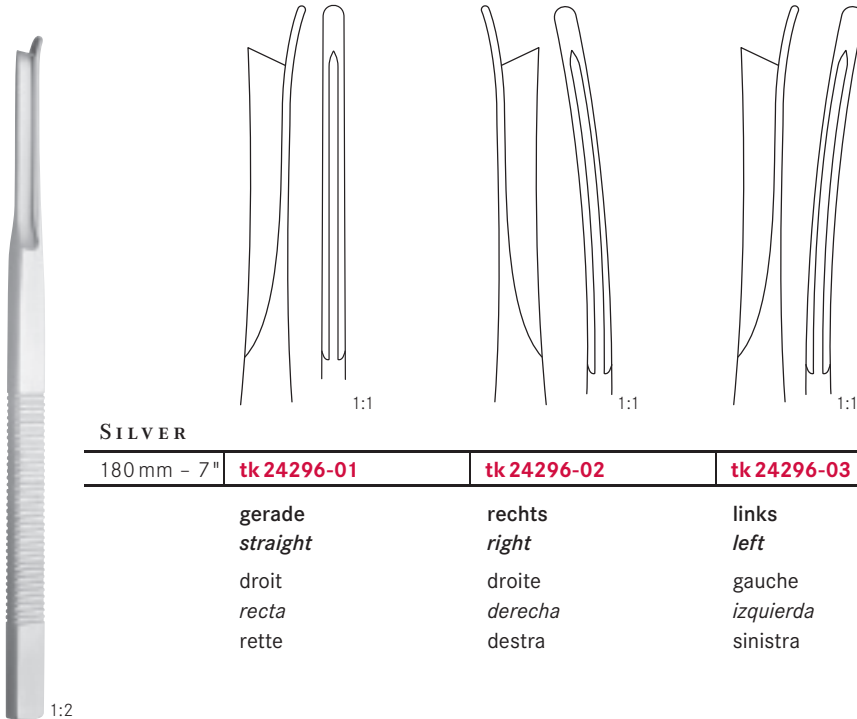
1:1

**WALTER**

	3 mm	4,5 mm
190 mm - 7½"	<b>tk 24292-03</b>	<b>tk 24292-04</b>

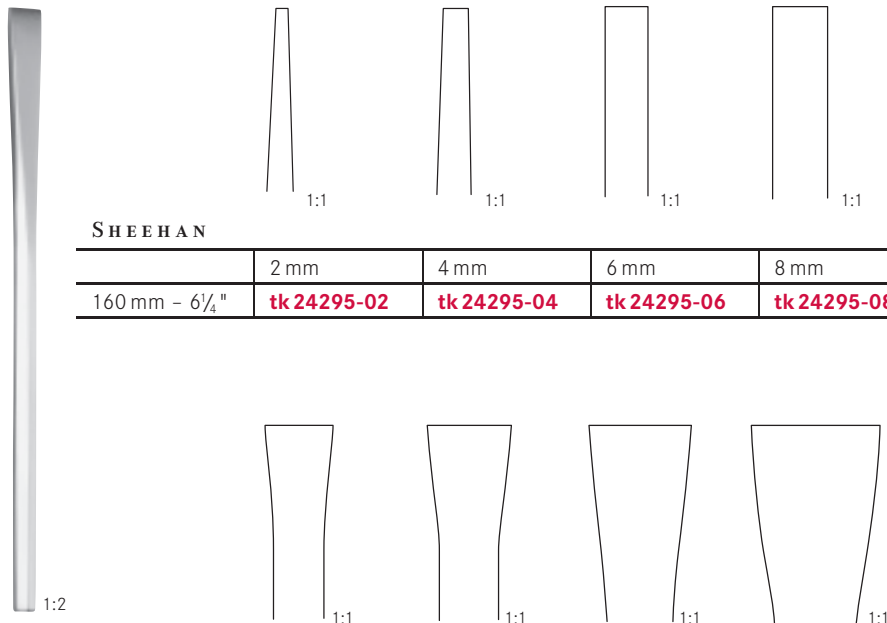
Meißel zur Nasenplastik  
Chisels, osteotomes for rhinoplastic

Ostéotomes, ciseaux-burins pour rhinoplastique  
Cinceles para rinoplastica  
Scalpelli per plastica nasale



SILVER

180 mm - 7"	<b>tk 24296-01</b>	<b>tk 24296-02</b>	<b>tk 24296-03</b>
	gerade straight	rechts right	links left
	droit recta	droite derecha	gauche izquierda
	rette	destra	sinistra



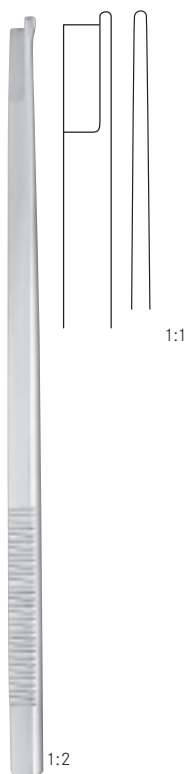
SHEEHAN

	2 mm	4 mm	6 mm	8 mm
160 mm - 6¼"	<b>tk 24295-02</b>	<b>tk 24295-04</b>	<b>tk 24295-06</b>	<b>tk 24295-08</b>

	10 mm	12 mm	15 mm	18 mm
160 mm - 6¼"	<b>tk 24295-10</b>	<b>tk 24295-12</b>	<b>tk 24295-15</b>	<b>tk 24295-18</b>

**Meißel zur Nasenplastik**  
*Chisels, osteotomes for rhinoplastic*

Ostéotomes, ciseaux-burins pour rhinoplastique  
*Cinceles para rhinoplastica*  
 Scalpelli per plastica nasale

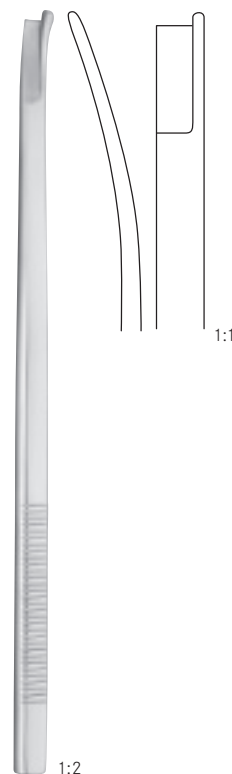


**NEIVERT**

200 mm - 8"

**tk 24298-01**

- gerade
- straight*
- droit
- recta*
- rette

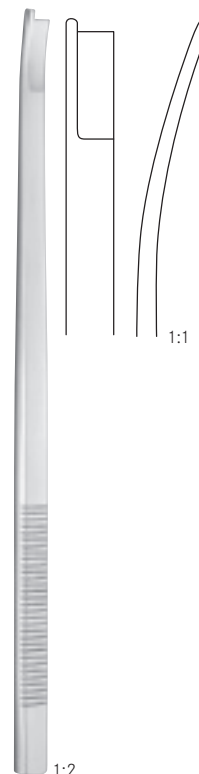


**NEIVERT-ANDERSON**

200 mm - 8"

**tk 24298-02**

- rechts
- right*
- droite
- derecha*
- destra

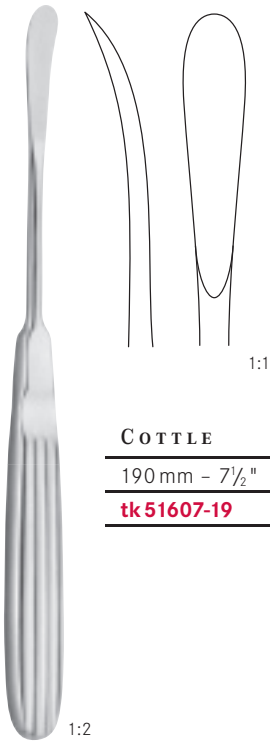


**tk 24298-03**

- links
- left*
- gauche
- izquierda*
- sinistra

Septum-Elevatorien  
*Septum elevators*

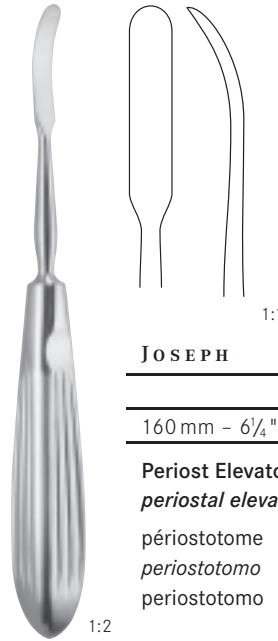
Elevateurs pour la cloison nasale  
*Elevadores para el tabique nasal*  
Elevatori per setto



**COTTLE**

190 mm - 7½"

**tk 51607-19**



**JOSEPH**

4 mm

160 mm - 6¼"

**tk 51613-16**

Periost Elevatorium  
*periostal elevator*

périostotome  
*periostotomo*  
periostotomo



**HALLE**

160 mm - 6¼"

**tk 51617-16**



**BALLENGER-HAJEK**

190 mm - 7½"

**tk 51637-19**

220 mm - 8¾"

**tk 51637-22**

**Septum-Elevatorien**  
*Septum elevators*

Elevateurs pour la cloison nasale  
*Elevadores para el tabique nasal*  
Elevatori per setto



**FREER**

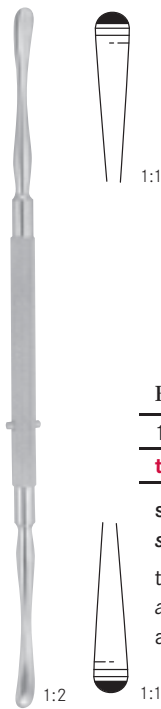
190 mm - 7½"

**tk 51625-19**

stumpf  
*blunt*

mousse  
*roma*  
smussa

1:2



**FREER**

180 mm - 7"

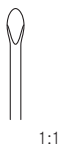
**tk 51627-18**

scharf/stumpf  
*sharp/blunt*

tranchant/mousse  
*aguda/roma*  
acuta/smussa

1:2

1:1



1:1

**COTTLE**

2.5 mm

160 mm - 6¼"

**tk 51646-02**

1:2

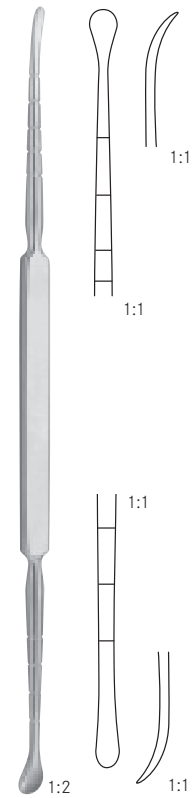
Septum-Elevatorien  
*Septum elevators*

Elevateurs pour la cloison nasale  
*Elevadores para el tabique nasal*  
Elevatori per setto



200 mm - 8" **tk 51645-20**

Saug-Raspatorium - biegsam, scharf  
*suction raspatory - malleable, sharp*  
rugine aspirante - flexible, tranchant  
*legra aspiradora - maleable y agudo*  
elevatore-aspiratore - flessibile, tagliente



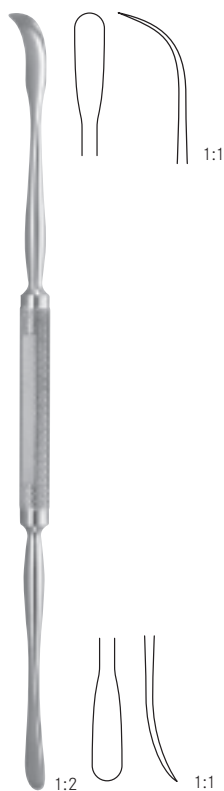
**COTTLE**

210 mm - 8 1/4"

**tk 51644-21**

**Septum-Elevatorien**  
*Septum elevators*

Elevateurs pour la cloison nasale  
*Elevadores para el tabique nasal*  
Elevatori per setto



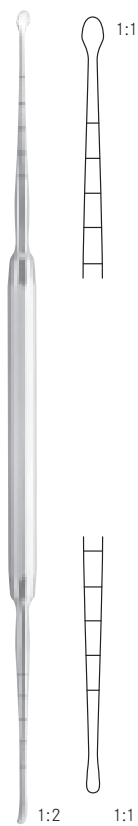
**FREER**

205 mm - 8"

**tk 51631-20**

scharf/stumpf  
*sharp/blunt*

tranchant/mousse  
*aguda/roma*  
acuta/smussa



**MASING**

200 mm - 8

**tk 51636-21**



**COTTLE**

220 mm - 8 3/4"

**tk 51643-22**



**Raspatorien und Ahlen für die Kieferchirurgie**  
*Periosteal elevators and awls for maxillo-facial surgery*

Rugines, décolleurs et passe-fils pour chirurgie maxillo-faciale  
*Periostótomos y leznas para maxillofacial*  
Raspatori, punteruoli per chirurgia massilofaciale



1:2



1:1



1:1



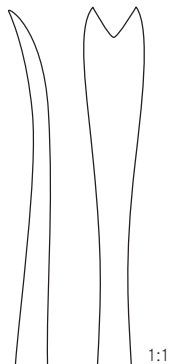
1:1



1:1

**OBWEGESER**

	6 mm	7 mm	9 mm	11 mm
175 mm - 7"	<b>tk 52730-06</b>	<b>tk 52730-07</b>	<b>tk 52730-09</b>	<b>tk 52730-11</b>



1:2

**OBWEGESER**

175 mm - 7"

**tk 52735-01**



1:2

**OBWEGESER**

180 mm - 7"

**tk 52749-18**



1:2

**OBWEGESER**

140 mm - 5½"

**tk 52750-14**



1:2

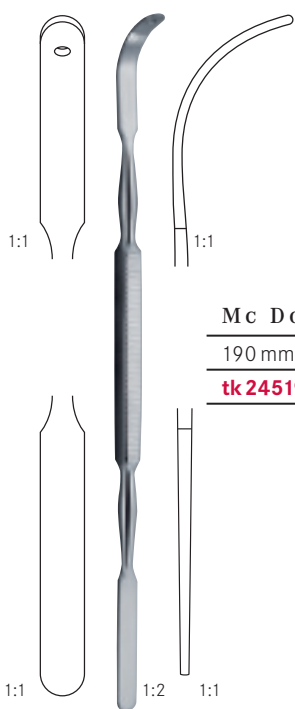
**OBWEGESER**

230 mm - 8"

**tk 52751-23**

**Raspatorien - Elevatorien**  
*Periosteal raspatories - Elevators*

Rugines - Elevateurs  
*Raspatorios - Elevadores*  
Periostotomi - Elevatori



**Mc DONALD**  
190 mm - 7½"  
**tk 24519-19**



**WATSON-CHEYNE**  
190 mm - 7½"  
**tk 24529-19**

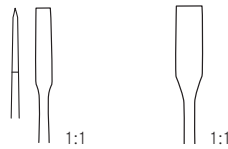
Meißel für die Kieferchirurgie  
*Osteotomes for maxillo-facial surgery*

Ostéotomes pour chirurgie maxillo-faciale  
*Cinceles para maxilofacial*  
Scalpelli per chirurgia massilofaciale



OBWEGESER

	7 mm	10 mm
215 mm - 8½"	<b>tk 52755-21</b>	<b>tk 52756-21</b>

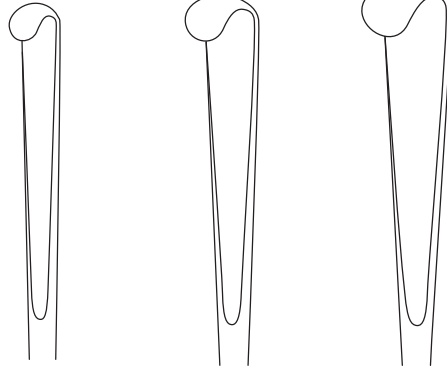


OBWEGESER

	2,5 mm	4 mm
150 mm - 6"	<b>tk 52742-25</b>	<b>tk 52742-40</b>

**Raspatorien, Meißel für die Kieferchirurgie**  
*Periosteal elevators, osteotomes for maxillo-facial surgery*

Rugines, ostéotomes pour chirurgie maxillo-faciale  
*Periostótomos, cinceles para maxilofacial*  
 Raspatori, scalpelli per chirurgia massilofaciale



**OBWEGESER**

	5 mm	8 mm	9 mm
200 mm - 8"	<b>tk 52731-05</b>	<b>tk 52731-08</b>	<b>tk 52731-09</b>



**OBWEGESER**

210 mm - 8 1/4"
<b>tk 52738-21</b>



**OBWEGESER**

210 mm - 8 1/4"
<b>tk 52740-21</b>



**OBWEGESER**

235 mm - 9 1/4"
x = 11 mm
<b>tk 52744-24</b>



**OBWEGESER**

185 mm - 7 1/4"
<b>tk 52746-19</b>

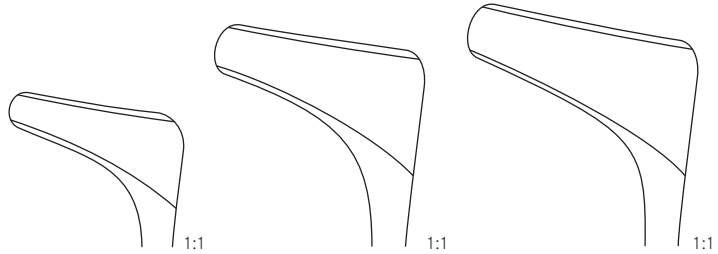
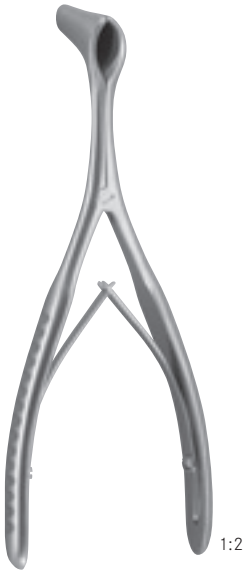


**OBWEGESER**

185 mm - 7 1/4"
<b>tk 52747-19</b>

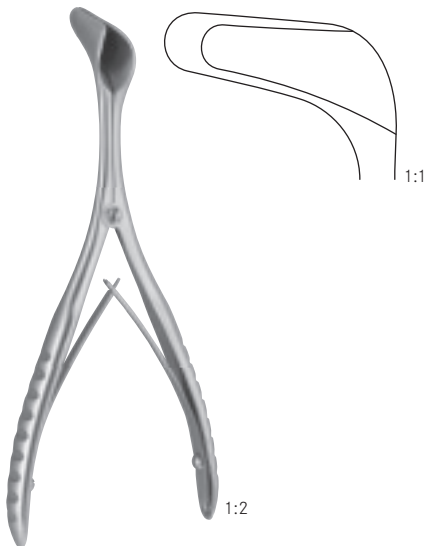
Nasenspekula  
*Nasal specula*

Spéculums nasaux  
*Especulos nasales*  
Specoli nasali



**HARTMANN-HALLE**

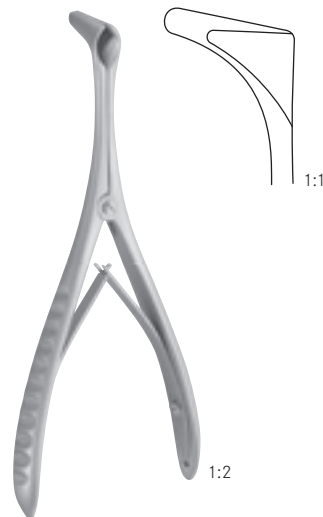
150 mm - 6"	<b>tk 50813-01</b>	<b>tk 50813-02</b>	<b>tk 50813-03</b>
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**SCHWARZ**

140 mm - 5½"

**tk 50811-14**



**TIECK-HALLE**

135 mm - 5¼"

**tk 50823-13**



Alle Nasenspekula sind optional auch mit Feststellschraube erhältlich

All nasal specula are also available with locking screw

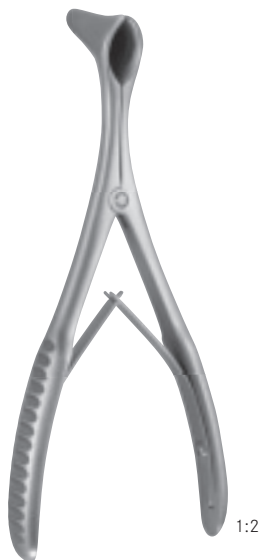
Tous les spéculums nasaux sont aussi disponible avec une vis de fixation

Todos los especulos nasales son también disponibles con un tornillo de fijación

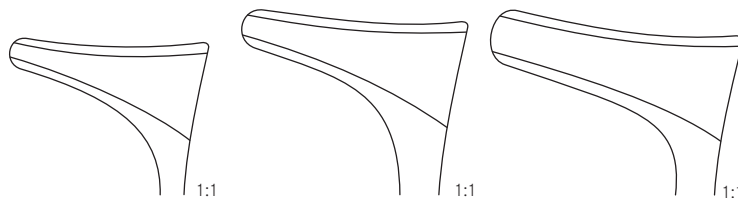
Tutti gli specoli nasali sono disponibili anche con vite di fassaggio



**Nasenspekula** | Spéculums nasaux  
**Nasal specula** | Espéculos nasales  
 Specoli nasali



1:2

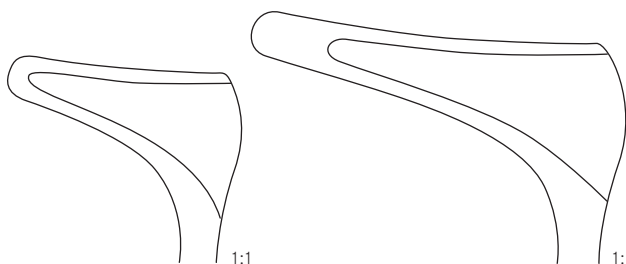


**MODELL WIEN**

145 mm - 5 3/4"	<b>tk 50834-01</b>	<b>tk 50834-02</b>	<b>tk 50834-03</b>
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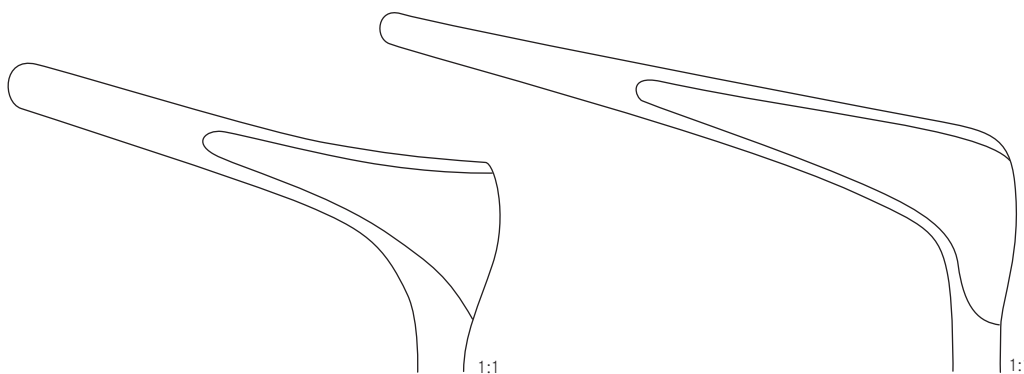


1:2



**COTTLE**

	x = 35 mm	x = 50 mm
150 mm - 6"	<b>tk 50836-35</b>	<b>tk 50836-50</b>

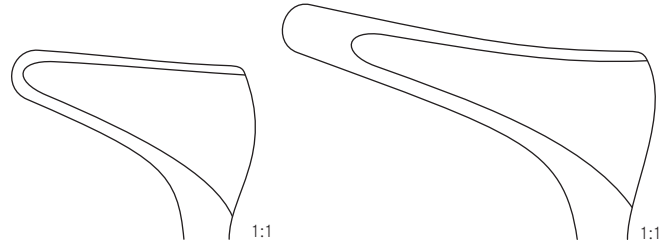


**COTTLE**

	x = 75 mm	x = 90 mm
150 mm - 6"	<b>tk 50836-75</b>	<b>tk 50836-90</b>

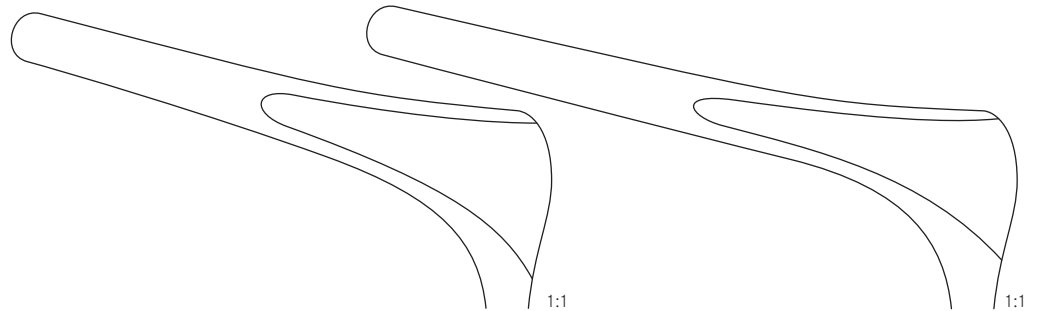
Nasenspekula  
*Nasal specula*

Spéculums nasaux  
*Espéculos nasales*  
Specoli nasali

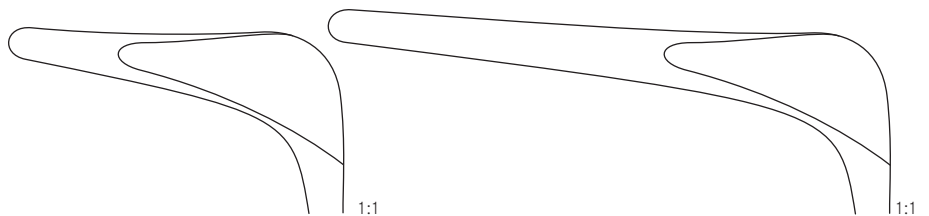


**KILIAN**

	x = 35 mm	x = 50 mm
130 mm - 5"	<b>tk 50828-01</b>	<b>tk 50828-02</b>



	x = 75 mm	x = 90 mm
130 mm - 5"	<b>tk 50828-03</b>	<b>tk 50828-04</b>



**COTTLE**

	x = 45 mm	x = 75 mm
140 mm - 5½"	<b>tk 50840-45</b>	<b>tk 50840-75</b>

schwarz verchromt  
*black, chrome plated*  
chromé en noir  
*chromado en negro*  
cromato nero

10

Nasensägen | Scies nasales  
 Nasal saws | Sierras nasales  
 Seghe nasali



<b>JOSEPH</b>		
170 mm - 6 <sup>3</sup> / <sub>4</sub> "	<b>tk 51655-20</b>	<b>tk 51657-20</b>



<b>JOSEPH</b>		
190 mm - 7 <sup>1</sup> / <sub>2</sub> "	<b>tk 51661-01</b>	<b>tk 51661-02</b>