

TC - Nadelhalter mit Hartmetalleinlagen

Kennzeichnung: Vergoldete Ringe, Branchenenden und Sperren

Die Stärken der Hartmetalleinlagen sind sehr wichtig, da damit entscheidend zum atraumatischen Grip der Nadel beigetragen wird und dadurch Beschädigungen der Nadeln vermieden werden und eine Traumatisierung des Stichkanals vermieden wird.

TC - needle holders with Tungsten Carbide Inserts

identification: gold-plated rings, handle ends and ratchets

The sizes of the tungsten carbide inserts contribute decisively to the non-traumatic grip of the needle which avoids a traumatization of the suture canal and a damage of the needle.



glatt  
für Nahtmaterial  
Stärke 9/0 bis 11/0

smooth  
for sutures size 9/0  
to 11/0



Teilung 0,2 mm  
für Nahtmaterial  
Stärke 6/0 bis 10/0

serration 0,2 mm  
for sutures size 6/0  
to 10/0



Teilung 0,4 mm  
für Nahtmaterial  
Stärke 4/0 bis 6/0

serration 0,4 mm  
for sutures size 4/0  
to 6/0



Teilung 0,5 mm  
für Nahtmaterial  
Stärke bis 3/0

serration 0,5 mm  
for sutures size up  
to 3/0



KALT  
AU2500  
135 mm, 5 1/4"  
} 5/0 - 7/0



BOYNTON  
AU2510  
120 mm, 4 3/4"  
} 5/0 - 8/0



für Klingen von Fig. 10 - 15, 42  
for blades fig. 10 - 15, 42



**BARRON**  
**SK0006**  
130 mm, 5 1/8"



**SK0426**  
hochglanz, mirror  
finish

**SK0426M**  
matt, dull brushed  
No. 3  
125 mm, 5"

FÄÈÈ



**SK0426-2**  
No. 3  
125 mm, 5"  
graduiert, graduated



**SK0427**  
hochglanz, mirror  
finish

**SK0427M**  
matt, dull brushed  
No. 3L  
210 mm, 8 1/4"



**SK0428**  
hochglanz, mirror  
finish

**SK0428M**  
matt, dull brushed  
No. 7  
160 mm, 6 1/4"

entspricht der  
englischen  
Nr. 5  
corresponds to  
english No. 5



Durchmesser diameter	
Ø 1,0 mm	<b>SD0315</b>
Ø 1,5 mm	<b>SD0316</b>
Ø 2,0 mm	<b>SD0317</b>
Ø 2,5 mm	<b>SD0318</b>

**SD0315 - SD0318**  
200 mm, 8"  
Plastiksonden  
plastic probes



**STACKE**  
**SD0500**  
105 mm, 4 1/8"  
Ø 1,0 mm  
Silber, silver



**KILLIAN**  
**SD0520**  
165 mm, 6 1/2"  
Ø 1,5 mm



Länge length	Ø 2 mm	
145 mm, 5 3/4"	<b>SD0253</b>	3 p.d.
180 mm, 7 1/8"	<b>SD0254</b>	

**FISH**  
**SD0253 - SD0254**



**SEIFFERT**  
**HA1650**  
180 mm, 7 1/8"  
Ø 1,0 mm  
Silber, silver

**FUKUSHIMA**

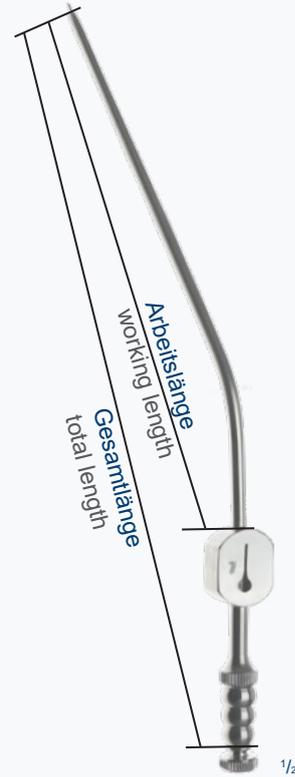
**SG4070 - SG4107**

Saugkanülen, biegsam  
suction cannulas, malleable

	S	M	L	LL
Arbeitslänge working length	100 mm	115 mm	140 mm	165 mm
Gesamtlänge total length	165 mm	180 mm	205 mm	230 mm
Durchmesser outer diameter				
3 Fr 1,0 mm	<b>SG4070</b>	<b>SG4080</b>	<b>SG4090</b>	<b>SG4100</b>
4 Fr 1,3 mm	<b>SG4071</b>	<b>SG4081</b>	<b>SG4091</b>	<b>SG4101</b>
5 Fr 1,7 mm	<b>SG4072</b>	<b>SG4082</b>	<b>SG4092</b>	<b>SG4102</b>
6 Fr 2,0 mm	<b>SG4073</b>	<b>SG4083</b>	<b>SG4093</b>	<b>SG4103</b>
7 Fr 2,3 mm	<b>SG4074</b>	<b>SG4084</b>	<b>SG4094</b>	<b>SG4104</b>
8 Fr 2,7 mm	<b>SG4075</b>	<b>SG4085</b>	<b>SG4095</b>	<b>SG4105</b>
9 Fr 3,0 mm	<b>SG4076</b>	<b>SG4086</b>	<b>SG4096</b>	<b>SG4106</b>
12 Fr 4,0 mm	<b>SG4077</b>	<b>SG4087</b>	<b>SG4097</b>	<b>SG4107</b>

4, 6 p.d.

7 p.d.



**POOLE**

**SG0402**

225 mm, 9"

Saugkanüle, Ø 10 mm, 30 Charrière  
suction tube, Ø 10 mm, 30 Charrière



**POOLE**

**SG0403**

225 mm, 9"

Saugkanüle, Ø 8 mm, 24 Charrière  
suction tube, Ø 8 mm, 24 Charrière



**SG0860**  
160 mm, 6<sup>1</sup>/<sub>4</sub>"

DE BAKEY  
**SG0860 - SG0870**  
Ø 5 mm  
mit Saugunterbrecher und Mandrin  
with finger cut-off and stylet

1/2



**SG0870**  
270 mm, 10<sup>3</sup>/<sub>4</sub>"

1/2



ADSON  
**SG0700**  
195 mm, 8"  
Ø 4,0 mm  
Saugkanüle mit Schlauchansatz und Saugunterbrecher  
suction tube with connector und finger cut-off

1/2



5 p.d.  
**FRAZIER**  
**SG0730**  
180 mm, 7<sup>1</sup>/<sub>8</sub>"  
Ø 5,0 mm  
mit Saugunterbrechung  
with finger cut-off

1/2



**ZÖLLNER**  
**SG0739**  
150 mm, 6"  
Ø 1,2 mm  
Saugkanüle  
suction tube

1/2



Ø 3 mm



Olive  
Ø 8 mm

1/2

**ADSON  
SG0705**

165 mm, 6 1/2"  
Ø 3 mm  
mit Saugunterbrecher und Mandrin  
with finger cut-off and stylet

**PLESTER  
SG0800 - SG0830**

195 mm, 8"

Ø mm	
1,5 mm	<b>SG0800</b>
2,0 mm	<b>SG0810</b>
2,5 mm	<b>SG0820</b>
3,0 mm	<b>SG0830</b>



1/2

**FERGUSSON  
SG0750 - SG1024**

Ch.	Ø mm	Arbeitslänge, working length					
		90 mm	110 mm	130 mm	160 mm	180 mm	200 mm
4 - 5	1,5 mm	<b>SG0750</b>		<b>SG1007</b>	<b>SG1013</b>		
6	2,0 mm	<b>SG0752</b>	<b>SG0791</b>	<b>SG1008</b>	<b>SG1014</b>	<b>SG0796</b>	<b>SG1020</b>
7 - 8	2,5 mm		<b>SG0792</b>	<b>SG1009</b>	<b>SG1015</b>	<b>SG0797</b>	<b>SG1021</b>
9	3,0 mm	<b>SG0753</b>	<b>SG0793</b>	<b>SG1010</b>	<b>SG1016</b>	<b>SG0798</b>	<b>SG1022</b>
12	4,0 mm	<b>SG0754</b>	<b>SG0794</b>	<b>SG1011</b>	<b>SG1018</b>	<b>SG0799</b>	<b>SG1023</b>
15	5,0 mm	<b>SG0755</b>	<b>SG0795</b>	<b>SG1012</b>	<b>SG1019</b>		<b>SG1024</b>

mit Saugunterbrechung und Mandrin  
with finger cut-off and stylet

8, 9 p.d.



1/2

**SG0750 - SG1024**

**FERGUSSON  
SG0741 - SG1006**

Ch.	Ø mm	Arbeitslänge, working length	
		110 mm	180 mm
4 - 5	1,5 mm	<b>SG1001</b>	
6	2,0 mm	<b>SG1002</b>	<b>SG0741</b>
7 - 8	2,5 mm	<b>SG1003</b>	<b>SG0751</b>
9	3,0 mm	<b>SG1004</b>	<b>SG0761</b>
12	4,0 mm	<b>SG1005</b>	<b>SG0771</b>
15	5,0 mm	<b>SG1006</b>	<b>SG0781</b>

mit Saugunterbrechung und Mandrin  
with finger cut-off and stylet



1/2



MAYO-STILLE  
 SC7090 - SC7092



SC7090  
 140 mm, 5 1/2"

10 p.d.



SC7092  
 170 mm, 6 3/4"

1/4



MAYO-STILLE  
 SC7091 - SC7093



SC7091  
 140 mm, 5 1/2"



SC7093  
 170 mm, 6 3/4"

1/4

11 p.d.



1/2

METZENBAUM-ULTRA-FINO

**SC1312 - SC1318**

spitz/spitz  
sharp/sharp



**SC1312**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"



**SC1314**  
180 mm, 7<sup>1</sup>/<sub>8</sub>"



**SC1318**  
230 mm, 9<sup>1</sup>/<sub>8</sub>"

1/1



1/2

METZENBAUM-ULTRA-FINO

**SC1313 - SC1319**

spitz/spitz  
sharp/sharp



**SC1313**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"



**SC1315**  
180 mm, 7<sup>1</sup>/<sub>8</sub>"



**SC1319**  
230 mm, 9<sup>1</sup>/<sub>8</sub>"

1/1

12 p.d.



IRIS  
**SC0426 - SC0427**  
90 mm, 3 1/2"  
spitz  
sharp



**SC0426**



**SC0427**

1/4



GRAEFE  
**AU1300**  
100 mm, 4"



1/4

1/2



IRIS  
**SC0430 - SC0470**  
110 mm, 4 1/4"



**SC0430**  
spitz/spitz  
sharp/sharp



**SC0431**  
spitz/spitz  
sharp/sharp



**SC0432**  
spitz/stumpf  
sharp/blunt



**SC0433**  
spitz/stumpf  
sharp/blunt



**SC0470**  
spitz/spitz,  
seitwärts gebogen  
sharp/sharp,  
curved to side

1/4

13 p.d.

1/2



**SC1440**  
130 mm, 5 1/8"  
gerade,  
spitz/stumpf  
straight,  
sharp/blunt



**SC1450**  
145 mm, 5 3/4"  
gerade,  
spitz/stumpf  
straight,  
sharp/blunt



**SC1660**  
130 mm, 5 1/8"  
gebogen,  
spitz/stumpf  
curved,  
sharp/blunt



**SC1670**  
145 mm, 5 3/4"  
gebogen, schlank,  
spitz/stumpf  
curved, delicate,  
sharp/blunt



**TÖNNIS**  
**SC1072 - SC1073**  
195 mm, 7 3/4"



**SC1072**  
gerade,  
spitz/spitz  
straight,  
sharp/sharp



**SC1072-1**  
gerade,  
stumpf/stumpf  
straight,  
blunt/blunt



**SC1073**  
gebogen,  
spitz/spitz  
curved,  
sharp/sharp



**SC2568**  
190 mm, 7 1/2"





**SC7281**  
 145 mm, 5<sup>3</sup>/<sub>4</sub>"



**SC7285**  
 180 mm, 7<sup>1</sup>/<sub>8</sub>"



**SC7287**  
 200 mm, 8"

14 p.d.



**SC7289**  
 230 mm, 9<sup>1</sup>/<sub>8</sub>"



**SC7291**  
 260 mm, 10<sup>1</sup>/<sub>4</sub>"



**SC7293**  
 280 mm, 11<sup>1</sup>/<sub>8</sub>"



1/2

**METZENBAUM-FINO**  
**SC7281 - SC7293**  
 sehr feine Branchen  
 very delicate shanks



**SC0120**

**SC0130**

15 p.d.

**SC0120 - SC0130**

115 mm, 4 1/2"



**SC0100**

**SC0110**

**SC0100 - SC0110**

120 mm, 4 3/4"



**CHADWICK**

**SC0550**

115 mm, 4 1/2"



**SC0320**

105 mm, 4 1/8"



**FOMON**  
**NS0980**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"  
Nasenschere, stumpf/stumpf  
nasal scissors, blunt/blunt



**HEYMANN-KNIGHT**  
**NS0900**  
175 mm, 7"  
Nasenschere  
nasal scissors



**GRAEFE**  
**AU1300**  
100 mm, 4"  
Irisschere  
iris scissors



**COTTLE**  
**NS1020**  
115 mm, 4<sup>1</sup>/<sub>2</sub>"  
Bulldog-Schere  
bulldog scissors



**SC0568**  
115 mm, 4<sup>1</sup>/<sub>2</sub>"

**SC0569**  
115 mm, 4<sup>1</sup>/<sub>2</sub>"

**SC0570**  
150 mm, 6"  
gerade  
straight

**SC0571**  
150 mm, 6"  
gebogen  
curved

**JOSEPH**  
**SC0568 - SC0571**



**SC1510**  
105 mm, 4 1/8"



**SC1512**  
115 mm, 4 1/2"  
20 p.d.



**SC1514**  
130 mm, 5 1/8"  
19 p.d.



**SC1516**  
145 mm, 5 3/4"  
18 p.d.



**SC1518**  
155 mm, 6 1/8"



**SC1510 - SC1526**  
Standardmodell  
standard pattern  
spitz/stumpf  
sharp/blunt



**SC1520**  
165 mm, 6 1/2"  
17 p.d.



**SC1522**  
175 mm, 7"



**SC1524**  
185 mm, 7 1/4"



**SC1526**  
200 mm, 8"





**LISTER**  
**SC3222 - SC3225**



**SC3222**  
120 mm, 4<sup>3</sup>/<sub>4</sub>"



**SC3223**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"



**SC3224**  
180 mm, 7<sup>1</sup>/<sub>8</sub>"



**SC3225**  
200 mm, 8"

22 p.d.

21 p.d.



**LISTER-EXCENTRIC**  
**SC3226**  
160 mm, 6<sup>1</sup>/<sub>4</sub>"



Standardmodell  
standard pattern



**SC7598**  
105 mm, 4 1/8"



**SC7580**  
115 mm, 4 1/2"

23 p.d.



**SC7582**  
130 mm, 5 1/8"



**SC7584**  
145 mm, 5 3/4"



**SC7580 - SC7598**  
spitz/spitz  
sharp/sharp



**SC7586**  
150 mm, 6"



**SC7588**  
165 mm, 6 1/2"



**LEXER**  
**SC5261**  
165 mm, 6 1/2"  
gebogen, schmal  
curved, narrow



**LILLEHEY POTTS**  
**SC5840**  
180 mm, 7 1/8"  
gebogen  
curved

fein  
fine



**LILLEHEY POTTS**  
**SC5841**  
180 mm, 7 1/8"  
gebogen  
curved

sehr fein  
very fine



**METZENBAUM-FINO**  
**SC5980 - SC5986**



**SC5980**  
145 mm, 5 3/4"

24 p.d.



**SC5982**  
180 mm, 7 1/8"



**SC5986**  
230 mm, 9 1/8"



1/2

**STANDARD**  
**PZ1230 - PZ1310**  
1 x 2 Zähne  
1 x 2 teeth



**PZ1230**  
105 mm, 4 1/8"  
TIP 1,8 mm



**PZ1240**  
115 mm, 4 1/2"  
TIP 2,0 mm  
25 p.d.



**PZ1250**  
130 mm, 5 1/8"  
TIP 2,5 mm



**PZ1260**  
145 mm, 5 3/4"  
TIP 2,5 mm  
26 p.d.



**PZ1269**  
155 mm, 6 1/8"  
TIP 2,5 mm



**PZ1270**  
160 mm, 6 1/4"  
TIP 2,5 mm



**PZ1280**  
180 mm, 7 1/8"  
TIP 3,0 mm



**PZ1290**  
200 mm, 8"  
TIP 3,0 mm



**PZ1299**  
230 mm, 9 1/8"  
TIP 3,0 mm



**PZ1300**  
250 mm, 10"  
TIP 3,4 mm



**PZ1310**  
300 mm, 12"  
TIP 4,0 mm



1/2

**STANDARD**  
**PZ1130 - PZ1200**  
1 x 2 Zähne  
1 x 2 teeth  
schmal  
narrow



**PZ1130**  
115 mm, 4 1/2"  
TIP 1,5 mm



**PZ1140**  
130 mm, 5 1/8"  
TIP 1,7 mm



**PZ1150**  
145 mm, 5 3/4"  
TIP 1,7 mm



**PZ1160**  
160 mm, 6 1/4"  
TIP 1,7 mm



**PZ1170**  
180 mm, 7 1/8"  
TIP 1,7 mm



**PZ1180**  
200 mm, 8"  
TIP 1,8 mm



**PZ1190**  
250 mm, 10"  
TIP 2,2 mm



**PZ1200**  
300 mm, 12"  
TIP 2,5 mm



**STANDARD**  
PZ0218 - PZ0290

					
<b>PZ0218</b> 90 mm, 3 1/2" TIP 1,8 mm	<b>PZ0219</b> 105 mm, 4 1/8" TIP 2,0 mm	<b>PZ0220</b> 115 mm, 4 1/2" TIP 2,5 mm	<b>PZ0230</b> 130 mm, 5 1/8" TIP 3,0 mm	<b>PZ0240</b> 145 mm, 5 3/4" TIP 3,2 mm 27 p.d.	<b>PZ0245</b> 150 mm, 6" TIP 3,5 mm
					
<b>PZ0250</b> 160 mm, 6 1/4" TIP 3,5 mm	<b>PZ0260</b> 180 mm, 7 1/8" TIP 3,8 mm	<b>PZ0270</b> 200 mm, 8" TIP 4,0 mm	<b>PZ0271</b> 230 mm, 9 1/8" TIP 4,3 mm	<b>PZ0280</b> 250 mm, 10" TIP 4,5 mm	<b>PZ0290</b> 300 mm, 12" TIP 4,8 mm

1/2



**PZ0120 - PZ0190**  
mittelbreit  
medium

				
<b>PZ0120</b> 115 mm, 4 1/2" TIP 1,7 mm	<b>PZ0130</b> 130 mm, 5 1/8" TIP 1,9 mm	<b>PZ0140</b> 145 mm, 5 3/4" TIP 2,2 mm	<b>PZ0145</b> 150 mm, 6" TIP 2,2 mm	<b>PZ0150</b> 160 mm, 6 1/4" TIP 2,4 mm
				
<b>PZ0160</b> 180 mm, 7 1/8" TIP 2,6 mm	<b>PZ0170</b> 200 mm, 8" TIP 2,6 mm	<b>PZ0171</b> 230 mm, 9 1/8" TIP 2,7 mm	<b>PZ0180</b> 250 mm, 10" TIP 2,7 mm	<b>PZ0190</b> 300 mm, 12" TIP 3,0 mm

1/2





1/2

**GRAEFE**  
**AU1028 - AU1036**  
Irispinzetten  
iris forceps



TIP 0,7 mm



TIP 0,7 mm



1/1

TIP 0,7 mm

100 mm, 4"	<b>AU1028</b>	<b>AU1029</b>	<b>AU1030</b>
130 mm, 5 1/8"	<b>AU1031</b>	<b>AU1032</b>	<b>AU1033</b>
145 mm, 5 3/4"	<b>AU1034</b>	<b>AU1035</b>	<b>AU1036</b>

### Mikroskopier-Pinzetten microscopic forceps



1/2

**PZ0840**  
100 mm, 4"  
TIP 0,5 mm  
28 p.d.



1/1



1/2

**PZ0850**  
100 mm, 4"  
TIP 0,5 mm



1/1



1/2

**SEMKEN**  
**PZ0520 - PZ0531**



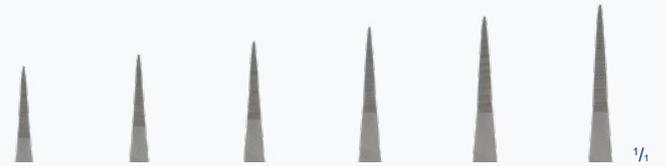
TIP 1,0 mm



1/1

TIP 1,0 mm

125 mm, 5"	<b>PZ0520</b>	<b>PZ0521</b>
150 mm, 6"	<b>PZ0530</b>	<b>PZ0531</b>



**PZ0739** **PZ0740** **PZ0750** **PZ0760** **PZ0770** **PZ0780**

80 mm 90 mm 105 mm 115 mm 130 mm 145 mm  
3 1/4" 3 1/2" 4 1/8" 4 1/2" 5" 5 1/2"

TIP 0,5 mm



1/2

**PZ0739 - PZ0830**  
Splitterpinzetten  
splinter forceps



**PZ0789** **PZ0790** **PZ0800** **PZ0810** **PZ0820** **PZ0830**

80 mm 90 mm 105 mm 115 mm 130 mm 145 mm  
3 1/4" 3 1/2" 4 1/8" 4 1/2" 5" 5 1/2"

TIP 0,5 mm

Ideal zur Nähhilfe mit Langzeitgrip  
ideal for suture with longer lasting grip



**PZ0380**  
120 mm, 4<sup>3</sup>/<sub>4</sub>"  
TIP 1,5 mm

**PZ0386**  
150 mm, 6"  
TIP 1,5 mm

0,3 Teilung, pitch

**ADSON**  
**PZ0380 - PZ0386**



**PZ0385**  
120 mm, 4<sup>3</sup>/<sub>4</sub>"  
TIP 1,5 mm

**PZ0387**  
150 mm, 6"  
TIP 1,5 mm

0,3 Teilung, pitch

**ADSON**  
**PZ0385 - PZ0387**  
1 x 2 Zähne  
1 x 2 teeth

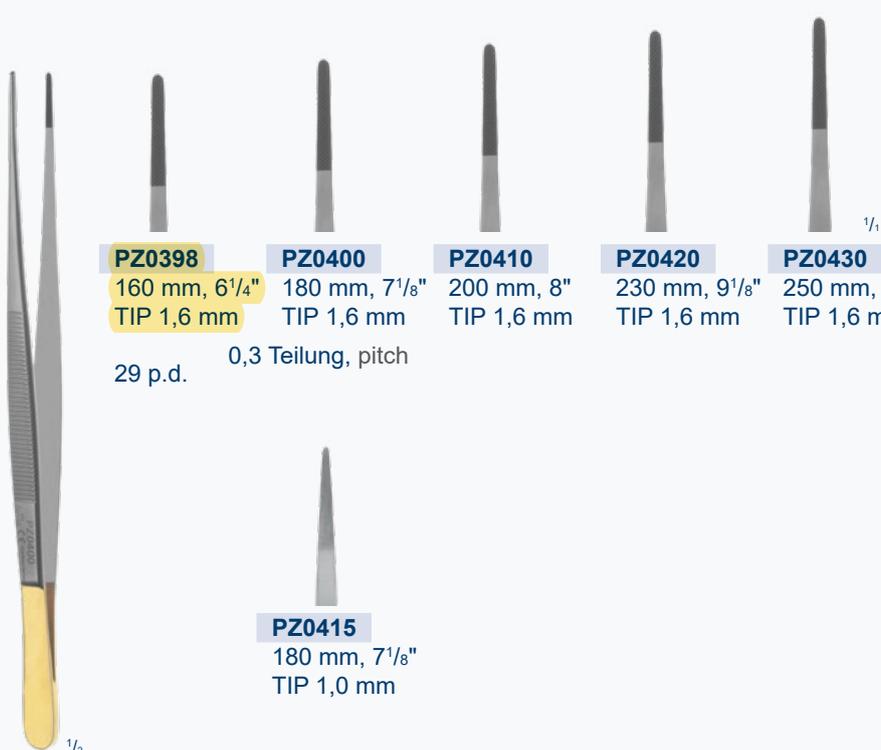


**PZ0389**  
125 mm, 5"  
TIP 1,0 mm

**PZ0390**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"  
TIP 1,0 mm

0,3 Teilung, pitch

**SEMKEN**  
**PZ0389 - PZ0390**



**PZ0398**  
160 mm, 6<sup>1</sup>/<sub>4</sub>"  
TIP 1,6 mm

**PZ0400**  
180 mm, 7<sup>1</sup>/<sub>8</sub>"  
TIP 1,6 mm

**PZ0410**  
200 mm, 8"  
TIP 1,6 mm

**PZ0420**  
230 mm, 9<sup>1</sup>/<sub>8</sub>"  
TIP 1,6 mm

**PZ0430**  
250 mm, 10"  
TIP 1,6 mm

29 p.d. 0,3 Teilung, pitch

**PZ0415**  
180 mm, 7<sup>1</sup>/<sub>8</sub>"  
TIP 1,0 mm

**POTTS-SMITH**  
**PZ0398 - PZ0430**



TIP 1,6 mm

**POTTS-SMITH**  
**PZ0420S**  
230 mm, 9<sup>1</sup>/<sub>8</sub>"





**WH0551**  
Fig. 1



**WH0552**  
Fig. 2



**WH0553**  
Fig. 3



**WH0554**  
Fig. 4

**WH0551 - WH0554**  
165 mm, 6 1/2"  
geriefte Griff, grip handle  
scharf, sharp

30 p.d.



**WH0591**  
Fig. 1



**WH0601**  
Fig. 2



**WH0611**  
Fig. 3



**WH0621**  
Fig. 4

**WH0591 - WH0621**  
165 mm, 6 1/2"  
geriefte Griff, grip handle  
stumpf, blunt



**WH0732**  
scharf, sharp



**WH0733**  
stumpf, blunt



**WH0732 - WH0733**  
160 mm, 6 1/4"



**HA0152**  
Fig. 1  
scharf, sharp



**HA0153**  
Fig. 2  
stumpf, blunt

**HA0152 - HA0153**  
165 mm, 6 1/2"



**KÖNIG**  
**WH0820 - WH0830**  
180 mm, 7 1/8"



**WH0820**  
Fig. 1  
13 x 13 mm



**WH0830**  
Fig. 2  
12 x 16 mm



**CUSHING-KOCHER**  
**WH0870**  
175 mm, 7"



10 x 10 mm



**WH0860**  
205 mm, 8 1/8"



20 x 15 mm



20 x 19 mm



**KOCHER**  
**WH1970 - WH1980-1**  
215 mm, 8 1/2"



**WH1970**  
20 x 12 mm



**WH1980**  
20 x 15 mm

**WH1980-1**  
220 mm, 8 3/4"  
21 x 15 mm

31 p.d.



**SCHOENBORN**  
**WH0880**  
210 mm, 8 1/4"



13 x 6 mm



**KILNER**  
**NH0250 - NH0251**  
4/0 - 6/0



**HEGAR-BAUMGARTNER**  
**NH0220**  
140 mm, 5<sup>1</sup>/<sub>2</sub>"  
4/0 - 6/0

32 p.d.



**CRILE-WOOD**  
**NH0230 - NH0285**  
4/0 - 6/0

<b>NH0230</b>	<b>NH0230F</b>	<b>NH0240</b>	<b>NH0260</b>
150 mm, 6"	150 mm, 6"	180 mm, 7 <sup>1</sup> / <sub>8</sub> "	200 mm, 8"
0,4	0,4	0,4	0,4

<b>NH0265</b>	<b>NH0268</b>	<b>NH0280</b>	<b>NH0285</b>
0,4	0,4	0,4	0,4
230 mm, 9 <sup>1</sup> / <sub>8</sub> "	270 mm, 10 <sup>3</sup> / <sub>4</sub> "	300 mm, 12"	350 mm, 14"



**BABY-CRILE-WOOD**  
**NH0200 - NH0200-1**  
150 mm, 6"  
fein  
delicate





**NH0360**

165 mm, 6 1/2"  
0,4

**NH0370**

210 mm, 8 1/4"  
0,4

**NH0540**

165 mm, 6 1/2"  
0,2

33 p.d.

**NH0385**

210 mm, 8 1/4"  
0,2

**NH0370-1**

200 mm, 8"  
0,2

**DE BAKEY**

**NH0360 - NH0540**

sehr fein

very delicate

4/0 - 6/0



**NH0328**

150 mm, 6"  
0,2

**NH0329**

180 mm, 7 1/8"  
0,2

**NH0330**

200 mm, 8"  
0,2

**NH0332**

230 mm, 9"  
0,2

**NH0331**

270 mm, 10 3/4"  
0,2

**MICRO-VASCULAR**

**NH0328 - NH0332**

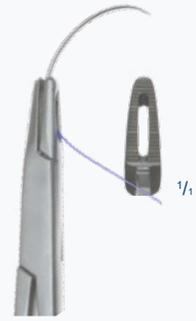
sehr fein

very delicate

5/0 - 7/0



**LAWRANCE**  
**NH1285**  
150 mm, 6"  
2/0 - 6/0



**ADSON**  
**NH1220**  
180 mm, 7 1/8"  
2/0 - 5/0



**NH1230**  
150 mm, 6"  
0,4



**NH1240**  
185 mm, 7 1/4"  
0,4



**NH1250**  
200 mm, 8"  
0,4



**NH1251**  
235 mm, 9 1/4"  
0,3



**NH1252**  
265 mm, 10 1/2"  
0,3

34 p.d.

**MAYO-HEGAR**  
**NH1230 - NH1252**  
2/0 - 5/0  
mit Rinne, with groove

rev. 2020/06



MILLIMETER



TIP	1,0 mm glatt smooth 8/0 >
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	<b>NH0512</b>
150 mm, 6"	<b>NH0513</b>
175 mm, 7"	<b>NH0514</b>
200 mm, 8"	<b>NH0515</b>
230 mm, 9 <sup>1</sup> / <sub>8</sub> "	<b>NH0516</b>

**RYDER**  
**NH0512 - NH0516**  
fein  
fine



TIP	1,0 mm 0,2 8/0 >	1,2 mm 0,2 7/0 >	1,8 mm 0,3 5/0 >
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	<b>NH0522</b>		
135 mm, 5 <sup>1</sup> / <sub>4</sub> "		<b>NH0500</b>	<b>NH0440</b>
150 mm, 6"	<b>NH0523</b>	<b>NH0510</b>	<b>NH0441</b>
175 mm, 7"	<b>NH0524</b>	<b>NH0520</b>	<b>NH0450</b>
200 mm, 8"	<b>NH0525</b>	<b>NH0530</b>	<b>NH0460</b>
230 mm, 9 <sup>1</sup> / <sub>8</sub> "	<b>NH0526</b>	<b>NH0531</b>	<b>NH0468</b>
265 mm, 10 <sup>1</sup> / <sub>2</sub> "	<b>NH0527</b>		<b>NH0470</b>

**RYDER**  
**NH0440 - NH0531**  
fein  
fine



<b>NH0431</b> 130 mm, 5 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0432</b> 150 mm, 6" 0,2 3/0 - 5/0	<b>NH0433</b> 180 mm, 7 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0434</b> 205 mm, 8 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0435</b> 230 mm, 9 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0436</b> 255 mm, 10 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0
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35 p.d.

**RYDER NACH „FRENCH EYE“**  
**NH0431 - NH0436**



Alle Maßangaben beziehen sich auf den Innendurchmesser.  
All measurements refer to the inner diameter.



**POLITZER**  
**OR0560**

Ohrspekula für Kinder, Set á 3 Stück,  
innen matt, außen hochglanz-verchromt  
ear specula for children, set of 3 sizes,  
inside non-reflective, outside mirror  
finish chromium plated

○  
**OR0570**  
Ø 2,0 mm  
37 p.d.

○  
**OR0580**  
Ø 3,0 mm  
38 p.d.

○  
**OR0590**  
Ø 4,0 mm  
40 p.d.



**HARTMANN**  
Ohrspekula für Kinder, innen matt,  
außen hochglanz-verchromt  
ear specula for children, inside  
non-reflective, outside mirror  
finish chromium plated

○  
**OR0650**  
Ø 1,7 mm

○  
**OR0660**  
Ø 3,2 mm

○  
**OR0670**  
Ø 4,6 mm



**HARTMANN**  
**OR0600**  
Ohrspekula für Erwachsene, Set á 3 Stück,  
OR0610, OR 0620, OR0630  
innen matt, außen hochglanz-verchromt  
ear specula for adults, set of 3 sizes,  
OR0610, OR 0620, OR0630  
inside non-reflective, outside mirror  
finish chromium plated

○  
**OR0610**  
Ø 3,5 mm

○  
**OR0611**  
Ø 4,5 mm

○  
**OR0620**  
Ø 5,0 mm  
41 p.d.

○  
**OR0630**  
Ø 6,5 mm  
43 p.d.

○  
**OR0640**  
Ø 8,0 mm



**BOUCHERON**  
**OR0680**  
Ohrspekula für Erwachsene, Set á 4 Stück,  
innen matt, außen hochglanz-verchromt  
ear specula for adults, set of 4 sizes,  
inside non-reflective, outside mirror  
finish chromium plated

○  
**OR0690**  
Ø 4,2 mm

○  
**OR0700**  
Ø 5,2 mm

○  
**OR0710**  
Ø 6,2 mm

○  
**OR0720**  
Ø 7,2 mm

# Technisches Datenblatt Technical Data Sheet



 ASANUS Medizintechnik GmbH  
take-off Gewerbepark 2, D-78579 Neuhausen ob Eck  
Tel. +49 (0)7467 9474 0 Fax +49 (0)7467 9474 50  
E-Mail :info@asanus.de [www.asanus.de](http://www.asanus.de)

**REF** OR0770

**HARTMANN Ohrspekulum Ø3.0mm schwarz**

**HARTMANN auricular speculum Ø3.0mm black**



39 p.d.

Gewicht in Gramm / weight in grams (net): 9,00

Material / material: DIN EN ISO 7153-1 i

Risikoklasse - Regel / risk-class - rule: I / 5 - 1

UMDNS / GMDNS n°: 13-664 / 33395

GTIN: 04060414153507

Konformität / conformity



Stand: 28.11.2023



1/2



1/2

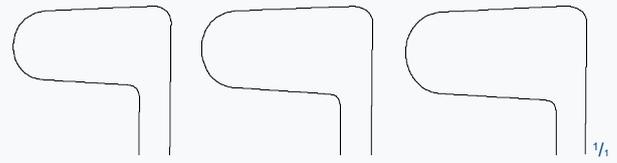


NS0600

NS0610

NS0620

NS0630



NS0640

NS0650

NS0660

### THUDICHUM (MARK HOVELL)

<b>NS0600</b>	8,5 x 6,0 mm	70 mm
<b>NS0610</b>	9,0 x 7,0 mm	71 mm
<b>NS0620</b>	12,5 x 8,0 mm	72 mm
<b>NS0630</b>	15,0 x 8,5 mm	73 mm
<b>NS0640</b>	16,5 x 9,0 mm	74 mm
<b>NS0650</b>	18,0 x 10,0 mm	74 mm
<b>NS0660</b>	19,5 x 10,5 mm	75 mm

### THUDICHUM (MARK HOVELL)

<b>NS0600S</b>	8,5 x 6,0 mm	70 mm
<b>NS0610S</b>	9,0 x 7,0 mm	71 mm
<b>NS0620S</b>	12,5 x 8,0 mm	72 mm

schwarz, black

### THUDICHUM (MARK HOVELL)

<b>NS0670</b>	8,5 x 6,0 mm	70 mm
<b>NS0680</b>	9,0 x 7,0 mm	71 mm
<b>NS0690</b>	12,5 x 8,0 mm	72 mm
<b>NS0700</b>	15,0 x 8,5 mm	73 mm
<b>NS0710</b>	16,5 x 9,0 mm	74 mm
<b>NS0720</b>	18,0 x 10,0 mm	74 mm
<b>NS0730</b>	19,5 x 10,5 mm	75 mm

isoliert, insulated



1/2



**NS0220**  
17 mm  
Maullänge  
jaw length



1/2

**NS0230**  
20 mm  
Maullänge  
jaw length

11 Å È

### TIECK-HALLE NS0220 - NS0230

135 mm, 5 1/4"  
mit Steckschluß, für Kinder  
with aseptic joint, for children



**COCHLEA**  
**OR0630-1 - OR0640-1**  
Ohrspekula für Kinder, geschlitzt  
ear specula for children, tapered slot



**OR0630-1**  
Ø 6,5 mm



**OR0640-1**  
Ø 7,5 mm  
11 ¼ Æ



**COCHLEA**  
**OR0610-1B - OR0645-1B**  
Ohrspekula für Kinder, geschlitzt  
ear specula for children, tapered slot



**OR0610-1B**  
Ø 3,5 mm



**OR0620-1B**  
Ø 5,0 mm



**OR0625-1B**  
Ø 6,0 mm  
42 p.d.



**OR0626-1B**  
Ø 6,2 mm



**OR0630-1B**  
Ø 6,5 mm



**OR0631-1B**  
Ø 7,0 mm



**OR0640-1B**  
Ø 7,5 mm



**OR0643-1B**  
Ø 9,6 mm



**OR0650-1B**  
Ø 5,5 mm



**GRUBER**  
**OR0871 - OR0874**  
Ohrspekula, oval  
aural specula, oval lumen



**OR0871**  
2,8 x 3,5 mm



**OR0872**  
4,0 x 4,6 mm



**OR0873**  
5,2 x 6,2 mm



**OR0874**  
6,4 x 7,7 mm

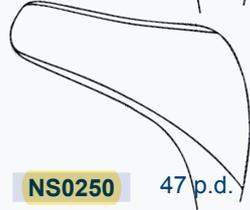


1/2

**HARTMANN-HALLE**  
**NS0240 - NS0260**  
155 mm, 6 1/8"  
mit Steckschluß  
with aseptic joint



**NS0240**



**NS0250** 47 p.d.

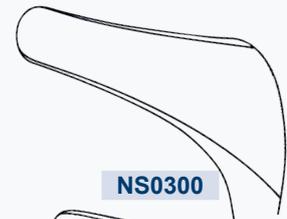


**NS0260** 48 p.d. 1/4



1/2

**HARTMANN-HALLE**  
**NS0300 - NS0320**  
155 mm, 6 1/8"  
mit Schraubschluß  
with screw joint



**NS0300**



**NS0310**



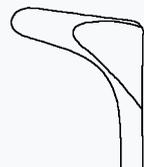
**NS0320** 1/4

49 p.d.

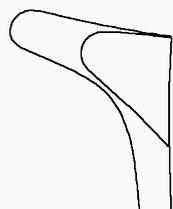


1/2

**TIECK-HALLE**  
**NS0330 - NS0340**  
135 mm, 5 1/4"  
mit Schraubschluß, für Kinder,  
seitlich gebogen  
with screw joint, for infants,  
curved sideways



**NS0330**

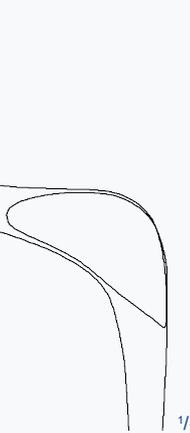


**NS0340** 1/4



1/2

**COTTLE**  
**NS0435**  
135 mm, 5 1/4"  
sehr fein  
delicate



1/4

MILLIMETER

16 mm breit, wide



**HA1250**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"  
50 p.d.

19 mm breit, wide



**HA1260**  
140 mm, 5<sup>1</sup>/<sub>2</sub>"

23 mm breit, wide



**BUCHWALD**  
**HA1270**  
180 mm, 7<sup>1</sup>/<sub>8</sub>"  
51 p.d.

19 mm breit, wide

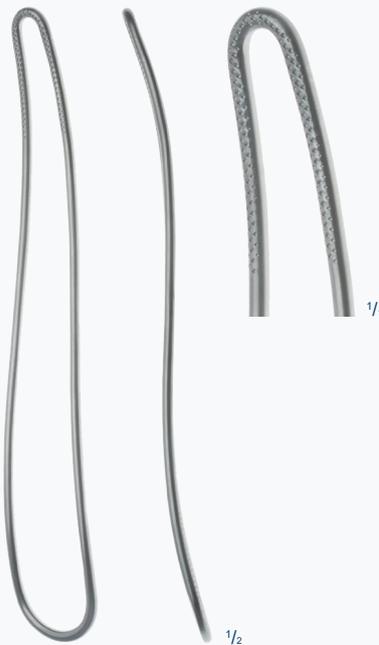
23 mm breit, wide

15,2 mm breit, wide



**BRUENINGS**  
**HA1280**  
190 mm, 7<sup>1</sup>/<sub>2</sub>"

19,5 mm breit, wide



**FRENZEL**  
**HA1290**  
165 mm, 6<sup>1</sup>/<sub>2</sub>"



**MORITZ-SCHMIDT**  
**HA2010**  
190 mm, 7<sup>1</sup>/<sub>2</sub>"



**HA0740 - HA0860**

180 mm, 7<sup>1</sup>/<sub>8</sub>"

Kehlkopfspiegel mit Sechskantgriff  
laryngeal mirrors with hexagonal handle



**HA0740**

Fig. 000  
Ø 6 mm

52 p.d.



**HA0750**

Fig. 00  
Ø 8 mm

53 p.d.



**HA0760**

Fig. 0  
Ø 10 mm



**HA0770**

Fig. 1  
Ø 12 mm

54 p.d.



**HA0780**

Fig. 2  
Ø 14 mm

55 p.d.



**HA0790**

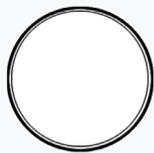
Fig. 3  
Ø 16 mm



**HA0800**

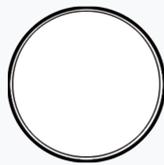
Fig. 4  
Ø 18 mm

56 p.d.



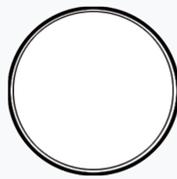
**HA0810**

Fig. 5  
Ø 20 mm  
57 p.d.



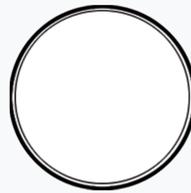
**HA0820**

Fig. 6  
Ø 22 mm



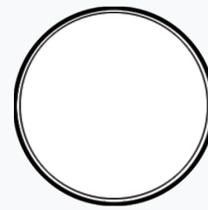
**HA0830**

Fig. 7  
Ø 24 mm  
58 p.d.



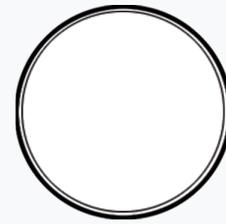
**HA0840**

Fig. 8  
Ø 26 mm



**HA0850**

Fig. 9  
Ø 28 mm  
59 p.d.



**HA0860**

Fig. 10  
Ø 30 mm



**DG0650 - DG0662**

120 mm, 4<sup>3</sup>/<sub>4</sub>"

Kehlkopfspiegel  
laryngeal mirrors



**DG0650**

Fig. 000  
Ø 6 mm



**DG0651**

Fig. 00  
Ø 8 mm



**DG0652**

Fig. 0  
Ø 10 mm



**DG0653**

Fig. 1  
Ø 12 mm



**DG0654**

Fig. 2  
Ø 14 mm



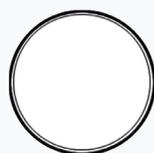
**DG0655**

Fig. 3  
Ø 16 mm



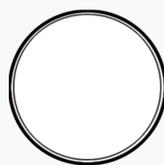
**DG0656**

Fig. 4  
Ø 18 mm



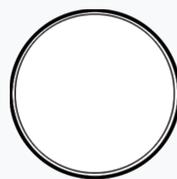
**DG0657**

Fig. 5  
Ø 20 mm



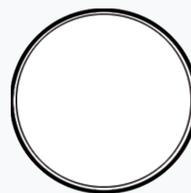
**DG0658**

Fig. 6  
Ø 22 mm



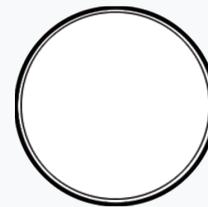
**DG0659**

Fig. 7  
Ø 24 mm



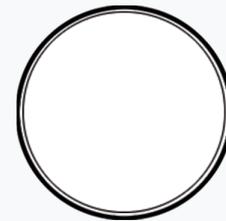
**DG0660**

Fig. 8  
Ø 26 mm



**DG0661**

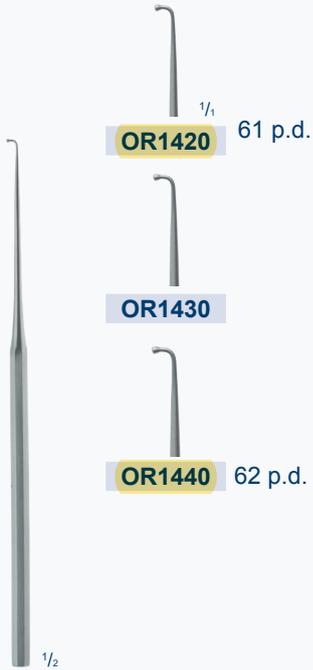
Fig. 9  
Ø 28 mm



**DG0662**

Fig. 10  
Ø 30 mm

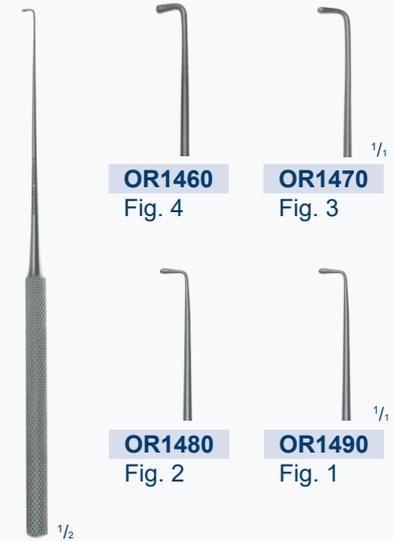
MILLIMETER



**LUCAE**  
**OR1420 - OR1440**  
140 mm, 5 1/2"  
geknöpft  
probe ended



**ZAUFAL-JANSEN**  
**OR1450**  
150 mm, 6"  
geknöpft  
probe ended



**WAGENER**  
**OR1460 - OR1490**  
140 mm, 5 1/2"  
geknöpft  
probe ended



**WAGENER**  
**OR1491 - OR1492**  
140 mm, 5 1/2"



**STACKE**  
**SD0500**  
105 mm, 4 1/8"  
Ø 1,0 mm  
Ohrsonde, Silber  
ear probe, silver



**ST. BARTS**  
**OR1498**  
180 mm, 7 1/8"  
Ohrhäkchen, stumpf  
ear hook, blunt





**OR2710**  
Arbeitslänge, working length 80 mm  
Mikro-Faßzängchen, gerade  
alligator forceps, straight  
0,8 x 3,5 mm



Arbeitslänge  
working length

**OR2710 - OR2760**  
Mikro-Faßzängchen, Rohrschaft  
micro ear forceps with tubular shaft



**OR2740**  
Arbeitslänge, working length 80 mm  
Mikro-Faßzängchen, gerade  
alligator forceps, straight  
1,0 x 5,0 mm



**OR2700**  
Arbeitslänge, working length 95 mm  
Mikro-Faßzängchen, gerade  
alligator forceps, straight  
0,8 x 9,0 mm



**OR2720**  
Arbeitslänge, working length 80 mm  
Mikro-Faßzängchen, 65°, nach oben gebogen  
alligator forceps, curved up 65°  
0,8 x 3,5 mm



**OR2730**  
Arbeitslänge, working length 80 mm  
Mikro-Faßzängchen, 45° nach unten gebogen  
alligator forceps, curved down 45°  
0,8 x 3,5 mm



**OR2750**  
Arbeitslänge, working length 80 mm  
Mikro-Faßzängchen, links gebogen  
alligator forceps, curved to the left  
1 x 5 mm

64 p.d.



**OR2760**  
Arbeitslänge, working length 80 mm  
Mikro-Faßzängchen, rechts gebogen  
alligator forceps, curved to the right  
1 x 5 mm



Außen-Ø  
outside Ø

○	○	○	○	○
Ø 1,5 mm	Ø 2,0 mm	Ø 2,5 mm	Ø 3,0 mm	Ø 4,0 mm

Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3
---------	--------	--------	--------	--------

scharf  
sharp

<b>OR1620</b>	<b>OR1630</b>	<b>OR1640</b>	<b>OR1650</b>	<b>OR1660</b>
---------------	---------------	---------------	---------------	---------------

stumpf  
blunt

<b>OR1670</b>	<b>OR1680</b>	<b>OR1690</b>	<b>OR1700</b>	<b>OR1710</b>
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69, 71 p.d.

70 p.d.

**BUCK**

**OR1620 - OR1660**

scharf, sharp

**OR1670 - OR1710**

stumpf, blunt

150 mm, 6"

Ohrküretten, gebogen  
ear cures, curved



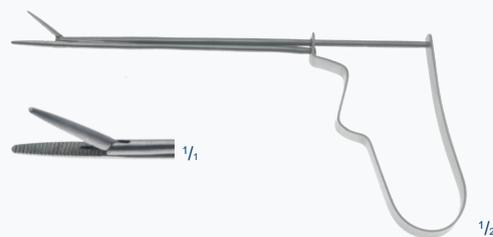
**QUIRE**

**OR1590**

90 mm, 3 1/2"

Fremdkörperinstrument

ear forceps for removal of foreign bodies



**BUCK**

**OR1600**

90 mm, 3 1/2"

Fremdkörperinstrument

ear forceps alligator type serrated jaws for removal of foreign bodies

MILLIMETER



**MODELL PICCOLO  
OR1350**  
110 mm, 4 1/4"  
Ø 0,7 mm  
dreikant gerieft  
triangular serrated end



**MODELL PICCOLO  
OR1340**  
110 mm, 4 1/2"  
Ø 0,7 mm  
rund gerieft  
round serrated end



**FARRELL  
OR1320**  
110 mm, 4 1/4"  
Ø 1,2 mm  
rund gerieft  
round serrated end



**LATHBURY-FARRELL  
OR1330**  
120 mm, 4 3/4"  
Ø 1,4 mm  
dreikant gerieft  
triangular serrated end



**BUCK  
WT0100**  
120 mm, 4 3/4"  
Ø 0,9 mm  
spiralförmig gerieft  
rough, spiral end



**WT0110**  
Ø 1,0 mm



**WT0120**  
Ø 1,2 mm

**WT0110 - WT0120**  
140 mm, 5 1/2"  
spiralförmig gerieft  
rough, spiral end



**TROELTSCH  
 PZ1960**  
 100 mm, 4"  
 TIP 1,6 mm



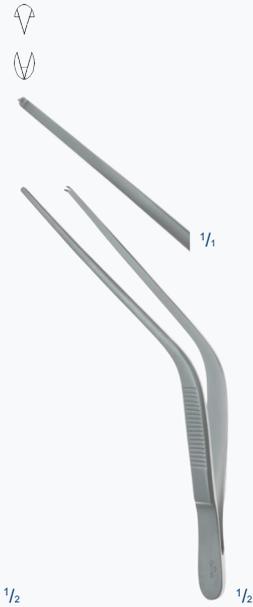
**TROELTSCH  
 PZ1970**  
 115 mm, 4 1/2"  
 TIP 1,6 mm  
 73 p.d.



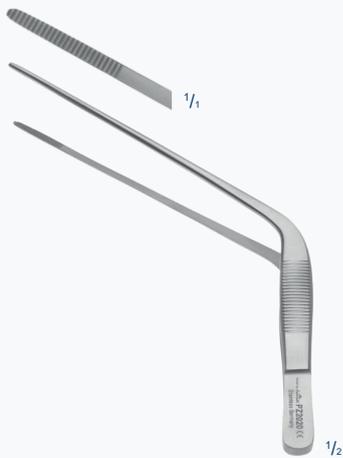
**WILDE  
 PZ1990**  
 115 mm, 4 1/2"  
 TIP 2,0 mm



**TROELTSCH  
 PZ1980**  
 115 mm, 4 1/2"  
 TIP 1,6 mm  
 1 x 2 Zähne  
 1 x 2 teeth



**TROELTSCH  
 PZ1981**  
 130 mm, 5 1/8"  
 TIP 1,6 mm  
 1 x 2 Zähne  
 1 x 2 teeth



**TROELTSCH  
 PZ2000**  
 125 mm, 5"  
 TIP 1,6 mm



**PZ1879**  
TIP 1,0 mm



**PZ1880**  
TIP 1,5 mm

74 p.d.

**LUCAE**  
**PZ1879 - PZ1880**  
140 mm, 5 1/2"



TIP 2,2 mm

**LUCAE**  
**PZ1890**  
140 mm, 5 1/2"  
1 x 2 Zähne  
1 x 2 teeth



**PZ1900**  
160 mm, 6 1/4"  
TIP 2,0 mm



**PZ1901**  
175 mm, 7"  
TIP 2,5 mm

**JANSEN**  
**PZ1900 - PZ1901**



PEAN  
**KL3000**  
125 mm, 5"

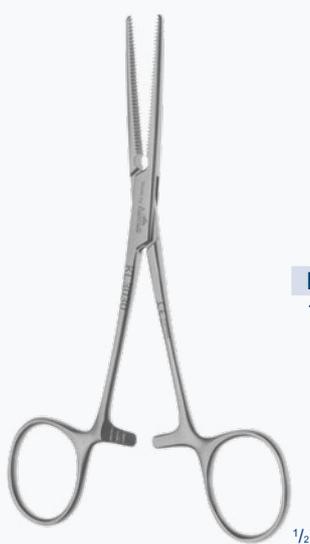


KRÖNLEIN  
**GF2514**  
130 mm, 5 1/8"  
weich und elastisch  
soft and elastic



**KL2870** **KL2880**  
125 mm, 5"      140 mm, 5 1/2"

PEAN  
**KL2870 - KL2880**



PEAN  
**KL3010 - KL3031**  
grazile Form  
delicate form



**KL3010**  
130 mm, 5 1/8"

**KL3020**  
130 mm, 5 1/8"

**KL3030**  
140 mm, 5 1/2"  
76 p.d.

**KL3031**  
140 mm, 5 1/2"  
77 p.d.





PEAN  
KL3050 - KL3079



KL3050  
130 mm, 5 1/8"



KL3078  
140 mm, 5 1/2"



KL3079  
140 mm, 5 1/2"



KL2920  
130 mm,  
5 1/8"



KL2940  
150 mm,  
6"



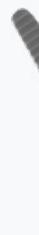
KL2960  
180 mm,  
7"



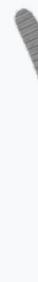
KL2980  
200 mm,  
8"



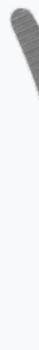
KL2921  
130 mm,  
5 1/8"



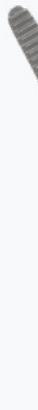
KL2941  
150 mm,  
6"



KL2961  
180 mm,  
7"



KL2981  
200 mm,  
8"



KL2991  
225 mm,  
9"



SPENCER-WELLS  
KL2920 - KL2991



**KL3080**  
160 mm,  
6 1/4"



**KL3082**  
185 mm,  
7 1/4"



**KL3084**  
200 mm,  
8"



**KL3086**  
225 mm,  
9"



**KL3088**  
240 mm,  
9 1/2"



**KL3096**  
350 mm,  
14"

78,79 p.d.



**KL3081**  
160 mm,  
6 1/4"



**KL3083**  
185 mm,  
7 1/4"



**KL3085**  
200 mm,  
8"



**KL3087**  
225 mm,  
9"



**KL3089**  
240 mm,  
9 1/2"



**KL3097**  
350 mm,  
14"



**ROCHESTER-PEAN**  
**KL3080 - KL3097**





**KOCHER**  
**KL3250 - KL3263**  
grazile Form  
delicate form



**KL3250**  
130 mm,  
5<sup>1</sup>/<sub>8</sub>"

**KL3260**  
140 mm,  
5<sup>1</sup>/<sub>2</sub>"  
80 p.d.

**KL3261**  
140 mm,  
5<sup>1</sup>/<sub>2</sub>"  
81 p.d.

**KL3262**  
160 mm,  
6<sup>1</sup>/<sub>4</sub>"

**KL3263**  
160 mm,  
6<sup>1</sup>/<sub>4</sub>"



**KOCHER**  
**KL3300 - KL3310**  
150 mm, 6"



**KL3300**

**KL3310**



MILLIMETER



**CARREL**  
**KL2180**  
85 mm, 3 1/4"



**MICROHALSTED-MOSQUITO**  
**KL2186 - KL2289**  
100 mm, 4"

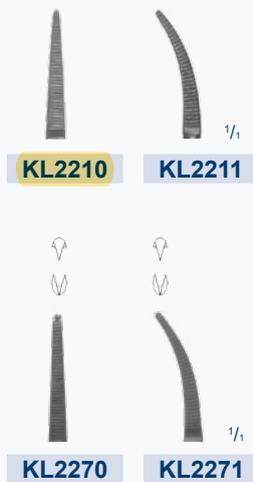


**HARTMANN BABY-MOSQUITO**  
**KL2190 - KL2260**  
100 mm, 4"



**MICROHALSTED-MOSQUITO**  
**KL2210 - KL2271**  
125 mm, 5"

82 p.d.



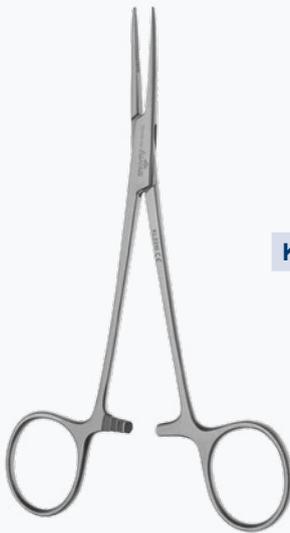
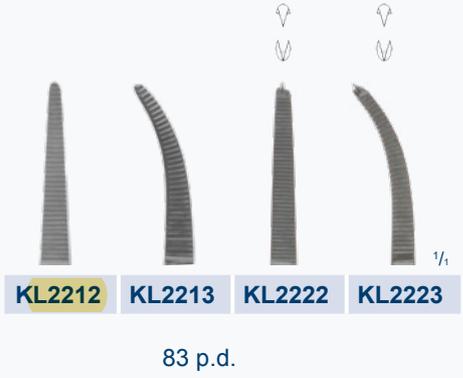
MILLIMETER



**HALSTEAD MOSQUITO**  
KL2230 - KL2291  
125 mm, 5"



**MICROHALSTED-MOSQUITO**  
KL2212 - KL2223  
140 mm, 5 1/2"



**PROVIDENCE-HOSPITAL**  
KL2310 - KL2311  
140 mm, 5 1/2"



**KELLY**  
KL2330 - KL2331  
140 mm, 5 1/2"

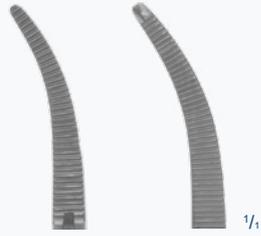




**ADSON**  
KL2600 - KL2609



84 p.d.



<b>KL2607</b>	<b>KL2609</b>
FINO	
180 mm, 7 1/8"	180 mm, 7 1/8"



**HALSTED-FINO**  
KL2623  
180 mm, 7 1/8"



**HALSTEAD-MOSQUITO**  
KL2620 - KL2700  
185 mm, 7 1/4"





TIP	1,0 mm glatt smooth 8/0 >
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	<b>NH0512</b>
<b>150 mm, 6"</b>	<b>NH0513</b>
175 mm, 7"	<b>NH0514</b>
200 mm, 8"	<b>NH0515</b>
230 mm, 9 <sup>1</sup> / <sub>8</sub> "	<b>NH0516</b>

86 p.d.

**RYDER**  
**NH0512 - NH0516**  
fein  
fine



TIP	1,0 mm 0,2 8/0 >	1,2 mm 0,2 7/0 >	1,8 mm 0,3 5/0 >
120 mm, 4 <sup>3</sup> / <sub>4</sub> "	<b>NH0522</b>		
135 mm, 5 <sup>1</sup> / <sub>4</sub> "		<b>NH0500</b>	<b>NH0440</b>
150 mm, 6"	<b>NH0523</b>	<b>NH0510</b>	<b>NH0441</b>
175 mm, 7"	<b>NH0524</b>	<b>NH0520</b>	<b>NH0450</b>
200 mm, 8"	<b>NH0525</b>	<b>NH0530</b>	<b>NH0460</b>
230 mm, 9 <sup>1</sup> / <sub>8</sub> "	<b>NH0526</b>	<b>NH0531</b>	<b>NH0468</b>
265 mm, 10 <sup>1</sup> / <sub>2</sub> "	<b>NH0527</b>		<b>NH0470</b>

**RYDER**  
**NH0440 - NH0531**  
fein  
fine



<b>NH0431</b> 130 mm, 5 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0432</b> 150 mm, 6" 0,2 3/0 - 5/0	<b>NH0433</b> 180 mm, 7 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0434</b> 205 mm, 8 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0435</b> 230 mm, 9 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0	<b>NH0436</b> 255 mm, 10 <sup>1</sup> / <sub>8</sub> " 0,2 3/0 - 5/0
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**RYDER NACH „FRENCH EYE“**  
**NH0431 - NH0436**



Schaftlänge, length of shaft 110 mm, 4 1/4"  
gerade, straight

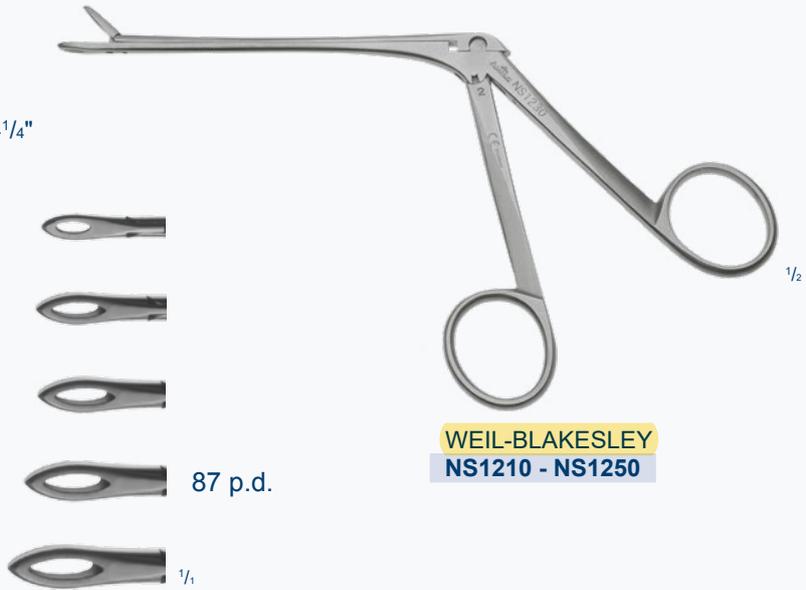
**NS1210** Fig. 0 7,0 x 3,0 mm

**NS1220** Fig. 1 8,0 x 3,6 mm

**NS1230** Fig. 2 10,0 x 4,2 mm

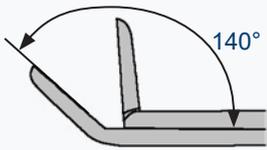
**NS1240** Fig. 3 11,0 x 4,8 mm

**NS1250** Fig. 4 14,0 x 5,8 mm



87 p.d.

**WEIL-BLAKESLEY**  
**NS1210 - NS1250**



Schaftlänge, length of shaft 110 mm, 4 1/4"  
140° aufgebogen, 140° angled upwards

**NS1258** Fig. 0 7,0 x 3,0 mm

**NS1260** Fig. 2 8,0 x 3,6 mm

**NS1270** Fig. 3 10,0 x 4,2 mm

**NS1280** Fig. 4 11,0 x 4,8 mm



88 p.d.

**WEIL-BLAKESLEY**  
**NS1258 - NS1280**



Schaftlänge, length of shaft 110 mm, 4 1/4"  
90° aufgebogen, 90° angled upwards

**NS1281** Fig. 1 8,0 x 3,6 mm

**NS1282** Fig. 2 10,0 x 4,2 mm

**NS1283** Fig. 3 11,0 x 4,8 mm

**WEIL-BLAKESLEY**  
**NS1281 - NS1283**



HARTMANN

**OR0480**

Set, 6 Stimmgabeln  
set, 6 tuning forks

90 p.d.

HARTMANN

<b>OR0200</b>	c	128	90 p.d.
<b>OR0205</b>	c <sup>1</sup>	256	
<b>OR0210</b>	c <sup>2</sup>	512	
<b>OR0215</b>	c <sup>3</sup>	1024	
<b>OR0220</b>	c <sup>4</sup>	2048	
<b>OR0225</b>	c <sup>5</sup>	4096	



1/2

**OR0230**

a<sup>1</sup> 440



1/2

<b>OR0240</b>	c <sup>1</sup>	256
<b>OR0245</b>	c <sup>2</sup>	512
<b>OR0250</b>	c <sup>3</sup>	1024

LUCAE

**OR0240 - OR0250**



1/2

LUCAE

**OR0275**

c 128



1/2

mit Dämpfer  
with clamps = c 64

ohne Dämpfer  
without clamps = c 128

RYDEL-SEIFFER

**OR0280**

c 64 / c 128



**DZ0400**  
140 mm, 5 1/2"  
beidseitig kreuzgerieft  
double sided cross serrated



GOSLEE  
**DZ0403**  
140 mm, 5 1/2"

eine Seite glatt,  
eine Seite kreuzgerieft  
one jaw smooth,  
one jaw cross serrated



**DZ0405**  
135 mm, 5 1/4"  
Drahtspannzange  
flat nose pliers



KORKHAUS  
**DZ0415**  
150 mm, 6"

91 p.d.



**BRUNS**  
KN1398 - KN1459  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

2 mm	3 mm	4 mm	5 mm	6 mm
Fig. 0000 KN1398	Fig. 000 KN1400	Fig. 00 KN1410	Fig. 0 KN1420	Fig. 1 KN1430
8 mm	10 mm	12 mm	14 mm	15,5 mm
Fig. 2 KN1440	Fig. 3 KN1450	Fig. 4 KN1460	Fig. 5 KN1458	Fig. 6 KN1459

92 p.d.



**SCHEDE**  
KN1470 - KN1530  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

2,5 mm	3,4 mm	4,2 mm	5,2 mm	6,3 mm
Fig. 000 KN1470	Fig. 00 KN1480	Fig. 0 KN1490	Fig. 1 KN1500	Fig. 2 KN1510
7,4 mm	8 mm			
Fig. 3 KN1520	Fig. 4 KN1530			

