



SHEFFIELD
SURGICAL INSTRUMENTS

Manufacturer & Exporter Premium Quality Surgical Instruments

New Edition

SURGICAL

INSTRUMENTS CATALOGUE



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ABOUT US

We Present this Catalogue with the aim of long life commitment and missionary dedication brought the Company, We acquired unblemished of reputation as manufacturers of complete range of **Surgical Instruments** as per standard set by international medical and surgical organizations.

We have come to specialize in instruments concerning Surgical Surgery or The two vital factors that can darken or illuminate the world of a patient are the dexterity of the surgeons hands & the precision of the instruments involved. As for as the accuracy of the instruments is concerned, we perform our part as conscientiously as is possible by the combination of human hands and the latest available technology.

Service to humanity comes first on our agenda, business and profit is the second.

From the procurement of raw materials to packing, all the phases of the process are conducted under the same roof. This ensures and facilitates our interference at any stage of the process, which makes it possible for us to achieve perfection. Our technical experts can achieve any degree of technicality, ranging from the slightest variations to complete redesigning and production of entirely new items.

The quality of raw materials is of the international standard, but we can also satisfy individual specifications selecting from a large variety of imported steel.

We also welcome enquires for the instruments not listed in this catalogue both in the **Surgical Instruments**



Manufacturer & Exporter Premium Quality Surgical Instruments

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SHEFFIELD
SURGICAL INSTRUMENTS

01

DIAGNOSTICS, ANAESTHESIA



INTEGRATED FLEXIBLE LARYNGOSCOPE (FIBER OPTIC) cold light guide

Reusable
LARYNGOSCOPE



LED/HALOGEN BULB

01-1001

303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Large Fiber Bundles Offers More Light No Black Marks
Fully Autoclavable and Easier to Clean
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1001	1	72
01-1002	2	88
01-1003	3	112
01-1004	4	134

FLEXIBLE INTERCHANGEABLE LARYNGOSCOPE (FIBER OPTIC) cold light guide

Reuseable LARYNGOSCOPE



LED/HALOGEN BULB

01-1005

303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Removable Light Guides Design Allow Easier Cleaning and Extends Blade Life
Provides With 4mm Fiber Optic Bundles for light Pass Gives True Tissue Color
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1005	1	80
01-1006	2	92
01-1007	3	116
01-1008	4	135

MACINTOSH FLEXIBLE FIX TUBE (FIBER OPTIC) cold light guide

Reuseable
LARYNGOSCOPE



LED/HALOGEN BULB

01-1009

303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Provides With 3mm Fiber Optic Offers No Black Marks
Fully Autoclavable and Easier to Clean
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1009	1	70
01-1010	2	88
01-1011	3	112
01-1012	4	134

CONVENTIONAL FLEXIBLE



LED/HALOGEN BULB

01-1013

303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Three Spring Ball Bearings Gives Secure Fit And Firm Support Supplied with LED or Halogen Bulb
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1013	2	92
01-1014	3	113
01-1015	4	135
01-1016	5	155

FLEXIBLE CONVENTIONAL BLADE

Single use
LARYNGOSCOPE



01-1017

Premium Quality Surgical Stainless Steel Spatula Provides With Unbreakable Plastic Base
 Unique Heel Design Prevents Blade From Touching The Handle
 Clearly Marked And Packed Single Patient Use
 Fiber Optic Tube Black Jacket End Lit Fiber
 Smooth Edges, Rounded Tip And High Quality Surface Finish
 Low Cost Than Reusable One

MACINTOSH	Fig	Working Length(mm)
01-1017	1	76
01-1018	2	88
01-1019	3	112
01-1020	4	130

FLEXIBLE BLADE (FIBER OPTIC)

Single use
LARYNGOSCOPE



LED BULB

01-1021

Premium Quality Surgical Stainless Steel Spatula Provides With Unbreakable Plastic Base
 Unique Heel Design Prevents Blade From Touching The Handle
 Clearly Marked And Packed Single Patient Use
 Smooth Edges, Rounded Tip And High Quality Surface Finish
 Low Cost Than Reusable One

MACINTOSH	Fig	Working Length(mm)
01-1021	1	76
01-1022	2	88
01-1023	3	112
01-1024	4	130

FLEXIBLE BLADE (FIBER OPTIC)



01-1025

Premium Quality Surgical Stainless Steel Spatula Provides With Unbreakable Plastic Base
 Unique Heel Design Prevents Blade From Touching The Handle
 Clearly Marked And Packed Single Patient Use
 Smooth Edges, Rounded Tip And High Quality Surface Finish
 Low Cost Than Reusable One

MACINTOSH	Fig	Working Length(mm)
01-1025	1	76
01-1026	2	88
01-1027	3	112
01-1028	4	130

INTEGRATED FLEXIBLE LARYNGOSCOPE (FIBER OPTIC) cold light guide

**Reuseable
LARYNGOSCOPE**



LED/HALOGEN BULB

01-1029

303/304 SURGICAL Stainless Steel
 Smooth edges. Rounded Tip and high Quality Surface F
 Large Fiber Bundles Offers More Light No Black Marks
 Fully Autoclavable and Easier to Clean
 Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1029	1	72
01-1030	2	90
01-1031	3	112
01-1032	4	135

MILLER FIX TUBE HBT (FIBER OPTIC) cold light guide

Reuseable LARYNGOSCOPE



LED/HALOGEN BULB

01-1033

303/304 SURGICAL Stainless Steel
Smooth edges. High Quality Surface Finish
Provides With 3mm Fiber Optic Offers No Black Marks
Fully Autoclavable and Easier to Clean
Satin finish

MILLER	Fig	Working Length(mm)
01-1033	oo	45
01-1034	0	55
01-1035	1	80
01-1036	2	130
01-1037	3	170
01-1038	4	180

MACINTOSH INTERCHANGEABLE BLADE (FIBER OPTIC) cold light guide

Reuseable LARYNGOSCOPE



LED/HALOGEN BULB

01-1039

303/304 SURGICAL Stainless Steel
 Smooth edges, Rounded Tip and high Quality Surface Finish
 Removable Light Guides Design Allow Easier Cleaning and Extends Blade Life
 Provides With 4mm Fiber Optic Bundles for light Pass Gives True Tissue Color
 Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1039	1	80
01-1040	2	92
01-1041	3	116
01-1042	4	135

MILLER INTERCHANGEABLE BLADE (FIBER OPTIC) cold light guide

Reuseable LARYNGOSCOPE



01-1043

303/304 SURGICAL Stainless Steel
Smooth edges. High Quality Surface Finish
Provides With 4mm Fiber Optic Bundles for light Pass Gives True Tissue Color
Fully Autoclavable and Easier to Clean
Satin finish

MILLER	Fig	Working Length(mm)
01-1043	00	45
01-1044	0	55
01-1045	1	80
01-1046	2	130
01-1047	3	170
01-1048	4	180



MAGINTOSH FIX TUBE (FIBER OPTIC) cold light guide

Reuseable LARYNGOSCOPE



LED/HALOGEN BULB

01-1049

303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Provides With 3mm Fiber Optic Bundles for light Pass Gives True Tissue Color
Fully Autoclavable and Easier to Clean
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1049	1	70
01-1050	2	88
01-1051	3	112
01-1052	4	134

MILLER FIX TUBE (FIBER OPTIC) cold light guide

Reuseable LARYNGOSCOPE



01-1053

303/304 SURGICAL Stainless Steel
Smooth edges. High Quality Surface Finish
Provides With 3mm Fiber Optic Bundles for light Pass Gives True Tissue Color
Fully Autoclavable and Easier to Clean
Satin finish

MILLER	Fig	Working Length(mm)
01-1053	00	45
01-1054	0	57
01-1055	1	80
01-1056	2	130
01-1057	3	170
01-1058	4	180

MACINTOSH CONVENTIONAL

Reusable LARYNGOSCOPE



01-1059

303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Three Spring Ball Bearings Gives Secure Fit And Firm Support Supplied with LED or Halogen Bulb
Satin finish

MILLER	Fig	Working Length(mm)
01-1059	0	60
01-1060	1	68
01-1061	2	92
01-1062	3	113
01-1063	4	135
01-1064	5	155

MILLER CONVENTIONAL

Reusable LARYNGOSCOPE



01-1065

303/304 SURGICAL Stainless Steel
Smooth edges. High Quality Surface Finish
Three Spring Ball Bearings Gives Secure Fit And Firm Support Supplied with LED
or Halogen Bulb
Satin finish

MILLER	Fig	Working Length(mm)
01-1065	00	60
01-1066	0	70
01-1067	1	92
01-1068	2	113
01-1069	3	135
01-1070	4	155

MACINTOSH CONVENTIONAL ECO

Reusable
LARYNGOSCOPE



01-1071

303/304 SURGICAL Stainless Steel
 Smooth edges. Rounded Tip and high Quality Surface Finish
 Three Spring Ball Bearings Gives Secure Fit And Firm Support Supplied
 with LED 2.5V 5000 Lux
 Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1071	1	80
01-1072	2	92
01-1073	3	116
01-1074	4	135

MAGINTOSH F/O FIX TUBE (GS 100)

Reusable LARYNGOSCOPE



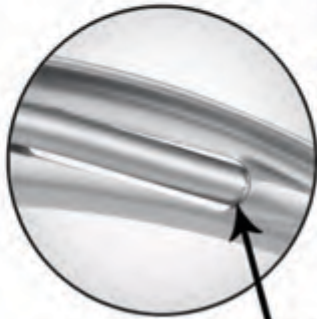
01-1075

303/304 SURGICAL Stainless Steel
Smooth edges. High Quality Surface Finish
Three Spring Ball Bearings Gives Secure Fit And Firm Support Supplied
with LED 2.5V 5000 Lux
Satin finish

MILLER	Fig	Working Length(mm)
01-1075	00	45
01-1076	0	57
01-1077	1	80
01-1078	2	130
01-1079	3	170
01-1080	4	180

MACINTOSH F/O SINGLE USE

Reusable LARYNGOSCOPE



Lazer Weld



LED/HALOGEN BULB



01-1081

303/304 SURGICAL Stainless Steel
 Smooth edges. Rounded Tip and high Quality Surface Finish
 Provides With 3mm Fiber Optic Offers No Black Marks
 Fully Autoclavable and Easier to Clean
 Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1081	1	80
01-1082	2	92
01-1083	3	116
01-1084	4	135

MACINTOSH ECO SINGLE USE

Single use LARYNGOSCOPE



01-1085

Tip to Heel 303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Three Spring Ball Bearings Gives Secure Fit And Firm Support
Fiber Optic Tube Black Jacket End Lit Fiber
Satin finish

MACINTOSH	Fig	Working Length
01-1085	1	82
01-1086	2	92
01-1087	3	116
01-1088	4	135

MACINTOSH SINGLE USE (FIBER OPTIC)

Single use LARYNGOSCOPE



01-1089

Tip to Heel 303/304 SURGICAL Stainless Steel
Smooth edges. Rounded Tip and high Quality Surface Finish
Three Spring Ball Bearings Gives Secure Fit And Firm Support
with Palsitc Sleeve 2.5V LED 5000 Lux Brightness
Satin finish

MACINTOSH	Fig	Working Length
01-1089	1	82
01-1090	2	92
01-1091	3	116
01-1092	4	135

MACINTOSH SINGLE USE (FIBER OPTIC)

Single use
LARYNGOSCOPE



01-1093

Tip to Spatula 303/304 SURGICAL Stainless Steel Heel Silver
Smooth edges. Rounded Tip and high Quality Surface Finish
Three Spring Ball Bearings Gives Secure Fit And Firm Support
Fiber Optic Tube Black Jacket End Lit Fiber
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1093	1	76
01-1094	2	88
01-1095	3	112
01-1096	4	130

MACINTOSH SINGLE USE (FIBER OPTIC)

Single use
LARYNGOSCOPE



01-1097

Tip to Spatula 303/304 SURGICAL Stainless Steel Heel Silver
 Smooth edges, Rounded Tip and high Quality Surface Finish
 Three Spring Ball Bearings Gives Secure Fit And Firm Support
 Fiber Optic Acrylic Rod
 Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1097	1	76
01-1098	2	88
01-1099	3	112
01-1100	4	130

MILLER SINGLE USE (FIBER OPTIC)

Single use LARYNGOSCOPE



01-1101

Tip to Spatula 303/304 SURGICAL Stainless Steel Heel Plastic (ABS)
Smooth edges, Rounded Tip and high Quality Surface Finish
Two Spring Ball Bearings Gives Secure Fit And Firm Support
Fiber Optic Tube Black Jacket End Lit Fiber
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1101	1	76
01-1102	2	88
01-1103	3	112
01-1104	4	130

MACINTOSH SINGLE USE (FIBER OPTIC)

Single use LARYNGOSCOPE



01-1105

Spatula 303/304 SURGICAL Stainless Steel Heel Plastic (ABS)
 Smooth edges. High Quality Surface Finish
 Two Spring Ball Bearings Gives Secure Fit And Firm Support
 Fiber Optic Tube Black Jacket End Lit Fiber
 Satin finish

MILLER	Fig	Working Length(mm)
01-1105	00	45
01-1106	0	55
01-1107	1	80
01-1108	2	130
01-1109	3	170
01-1110	4	180

MILLER SINGLE USE (FIBER OPTIC)

Single use LARYNGOSCOPE



01-1111

Tip to Spatula 303/304 SURGICAL Stainless Steel Heel Plastic (ABS)
Smooth edges, Rounded Tip and high Quality Surface Finish
Two Spring Ball Bearings Gives Secure Fit And Firm Support
Fiber Optic Acrylic Rod
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1111	1	76
01-1112	2	88
01-1113	3	112
01-1114	4	130

MAGINTOSH CONVENTIONAL SINGLE USE

Single use LARYNGOSCOPE



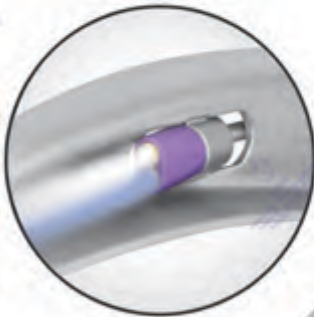
01-1115

Spatula 303/304 SURGICAL Stainless Steel Heel Plastic (ABS)
 Smooth edges. High Quality Surface Finish
 Two Spring Ball Bearings Gives Secure Fit And Firm Support
 Fiber Optic Acrylic Rod
 Satin finish

MILLER	Fig	Working Length(mm)
01-1115	00	45
01-1116	0	55
01-1117	1	80
01-1118	2	130
01-1119	3	170
01-1120	4	180

MACINTOSH CONVENTIONAL SINGLE USE

Single use
LARYNGOSCOPE



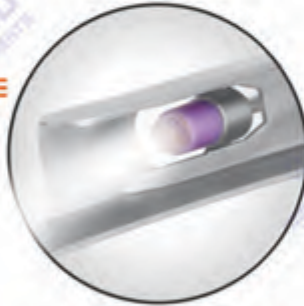
01-1121

Tip to Spatula 303/304 SURGICAL Stainless Steel Unique Heel Design
Smooth edges, Rounded Tip and high Quality Surface Finish
Two Spring Ball Bearings Gives Secure Fit And Firm Support
2.5 Single and Double LED Design
Satin finish

MACINTOSH	Fig	Working Length
01-1121	1	83
01-1122	2	95
01-1123	3	120
01-1124	4	138

MILLER CONVENTIONAL SINGLE USE

Single use
LARYNGOSCOPE



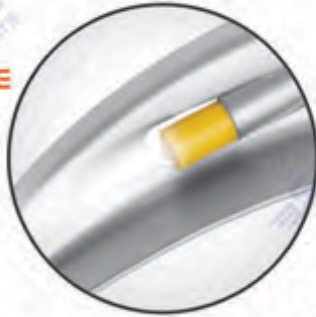
01-1125

Tip to Spatula 303/304 SURGICAL Stainless Steel Unique Heel Design
 Smooth edges. High Quality Surface Finish
 Two Spring Ball Bearings Gives Secure Fit And Firm Support
 2.5 Signle and Double LED Design
 Satin finish

MILLER	Fig	Working Length
01-1125	00	45
01-1126	0	55
01-1127	1	82
01-1128	2	130
01-1129	3	175
01-1130	4	185

MACINTOSH CONVENTIONAL SINGLE USE

Single use
LARYNGOSCOPE



01-1131

Tip to Spatula 303/304 SURGICAL Stainless Steel Unique Heel Design
Smooth edges. Rounded Tip and high Quality Surface Finish
Two Spring Ball Bearings Gives Secure Fit And Firm Support
2.5 Single LED Design 5000 Lux brightness
Satin finish

MACINTOSH	Fig	Working Length(mm)
01-1131	1	80
01-1132	2	92
01-1133	3	116
01-1134	4	133

HANDLES STYLES

Conventional Standard



Medium

Small

Stubby

01-1135

Fiber Standard



Medium

Small

Stubby

01-1136

Single USE Handle



Conventional

Fiber optic

01-1137

LARYNGO SCOPE SETS



01-1138



01-1139



01-1140



01-1141

LARYNGO SCOPE SETS



01-1142



01-1143



01-1144



01-1145

METAL OTOSCOPES



Fiber Optic
(Metal Otoscope)

01-1146

Equipped with an easy to use Bayonet Connecting system with high quality Professional metal head and chrome plated knurled battery handle making the surface a secure grip in the hand with extra bright light of 2.5v LED bulb illumination provided through Fiber Optic system.

Three times high quality magnifying lens.

Requires: 2xC Batteries (Not included with set)

Paching: In Black soft zipper pouch with 10 Specula Having Dia 2.5mm & 4.0mm



Conventional
(Metal Otoscope)

01-1147

Equipped with an easy to use Bayonet Connecting system with high quality Professional metal head and chrome plated knurled battery handle making the surface a secure grip in the hand with extra bright light of 2.5v LED bulb illumination provided through Fiber Optic system.

Three times high quality magnifying lens.

Requires: 2xC Batteries (Not included with set)

Paching: In Black soft zipper pouch with 10 Specula Having Dia 2.5mm & 4.0mm

METAL OTOSCOPES



Conventional (Parker Metal Otoscope)

01-1148

High Quality Professional Parker Otoscope with extra bright light 2.5v LED illumination. Three times high quality magnifying lens. Available in Satin and Polish Finish. Requires: 2xC Batteries (Not included with set) Paching: In Black soft zipper pouch with 10 Specula Having Dia 2.5mm & 4.0mm



Conventional (Metal Otoscope)

01-1149

Standard Metal Otoscope with bayonet connecting head fitting. Ideal for pneumatic tympanic membrane test and every day ENT use. 2.5v LED white Light. Available in Satin and Polish Finish. Requires: 2xC Batteries (Not included with set) Paching: In Black soft zipper pouch with 10 Specula Having Dia 2.5mm & 4.0mm

METAL OTOSCOPES



Conventional (Parker Metal Otoscope)

01-1150

High Quality Professional Parker Otoscope with screw fitting illumination light.
2.5v LED Metal Handle & Plastic head CPP. Rheostat dimmer

Requires: 2xC Batteries (Not included with set)

Paching: In Black soft zipper pouch with 10 Specula Having Dia 2.5mm & 4.0mm



Conventional (Metal Otoscope)

01-1151

2.5v standard illumination LED bulb. Chrome Plated Handle and head 4x magnifying glasses. Reusable speculum size 0 2.5 3.5 and 4mm include. Connecting for pneumatic Otoscope. Battery handle with rheostat for adjustment of illumination.

Supply: German bulb technology for super view with 3 reusable ear specula.

Requires: 2xC Batteries (Not included with set)

Paching: In Black soft zipper pouch and plastic hard case.

Available in Satin and Polish Finish.

METAL OTOSCOPES



Conventional
(Veterinary Metal Otoscope)

01-1152

Open system with rotatable lens and optional speculum for convenient procedure. 2.5v Otoscope.

Requires: 2x C Batteries (Not included with set)

Packing: In Black soft zipper pouch with 3 VET reusable Specula Dia 4.0, 5.0



Conventional
(Veterinary Metal Otoscope)

01-1153

Having special focal distance with two fold magnification. Bayonet closure. 2.5v Otoscope.

Requires: 2x C Batteries (Not included with set)

Packing: In Black soft zipper pouch with 3 VET reusable Specula Dia 4.0, 5.0

MINI OTOSCOPES



Fiber Optic
(Pocket Style)

01-1154

High Quality Pochet Sized mini Fiber Optic Otoscope with Extra bright light 2.5v. with 3x magnification lens. Distal Fiver Optic illumination 4mm bundle with Enhanced LED Technology.

Requires: 2x AA Batteries (not Included with set).

Packing: In Gray or Black Pouch with 10 disposable Specula Dia 2.5mm & 40.0 r

Available Colours: 



Fiber Optic
(Pocket Style)

01-1155

High Quality Pochet Sized mini Fiber Optic Otoscope with Extra bright light 2.5v. with 3x magnification lens. Distal Fiver Optic illumination 4mm bundle with Enhanced LED Technology.

Requires: 2x AA Batteries (not Included with set).

Packing: In Gray or Black Pouch with 10 disposable Specula Dia 2.5mm & 40.0 r

Available Colours: 

MINI OTOSCOPES



Conventional
(Pocket Style)

01-1156

High Quality Pochet Sized mini Fiber Optic Otoscope with Extra bright light 2.5v. with 3x magnification lens. Distal Fiver Optic illumination 4mm bundle with Enhanced LED Technology.

Requires: 2x AA Batteries (not Included with set).

Packing: In Gray or Black Pouch with 10 disposable Specula Dia 2.5mm & 40.

Available Colours: 



Conventional
(Pocket Style)

01-1157

High Quality Pochet Sized mini Fiber Optic Otoscope with Extra bright light 2.5v. with 3x magnification lens. Distal Fiver Optic illumination 4mm bundle with Enhanced LED Technology.

Requires: 2x AA Batteries (not Included with set).

Packing: In Gray or Black Pouch with 10 disposable Specula Dia 2.5mm & 40.

Available Colours: 

MINI OPHTHALMOSCOPES



Ophthalmoscope

01-1158

Top Quality ophthalmoscope with fixation star aperture in pocket format. Quality optics in mini-format. Ideal for rounds and house calls. Attachment clip with integrated on/off switch. secure. Switches off automatically when returned to the pocket. High-quality handle: White upper section/refined plastic. Shockproof, sturdy, non-slip. Enhanced LED Technology. Concentrated white light for perfect illumination and a brilliant image. 4 different apertures. A full-function instrument incl. fixation star. Range of lenses: 20 D to +20 D. 2-piece handle and head. Easy to maintain, flexible.

Replaceable Batteries Size AA

Supply: Bristle and Hard plastic case packing



Ophthalmoscope

01-1159

Top Quality ophthalmoscope with fixation star aperture in pocket format. Quality optics in mini-format. Ideal for rounds and house calls. Attachment clip with integrated on/off switch. secure. Switches off automatically when returned to the pocket. High-quality handle: White upper section/refined plastic. Shockproof, sturdy, non-slip. Enhanced LED Technology. Concentrated white light for perfect illumination and a brilliant image. 4 different apertures. A full-function instrument incl. fixation star. Range of lenses: 20 D to +20 D. 2-piece handle and head. Easy to maintain, flexible.

Replaceable Batteries Size AA

Supply: Bristle and Hard plastic case packing

MINI OPHTHALMOSCOPES

The Ophthalmoscope is a tool used in medicine to examine the interior of the eye. Studying the inner parts of the eye, such as the optic disk, retinal blood vessels, retina, choroid and macula, can help diagnose diseases of the eye.



01-1160

3M Ophthalmoscope set pin contacting fitting
 Ophthalmoscope head: pin contact fitting. Lens selection wheel permits choice of corrective lenses from 0 to -25 and 0 to +40 diopters single large circle aperture. Rheostat for adjustment of illumination 2 battery handle choice

Require: 2 x C size batteries (not included with set)
 Supplu: Hard case.



01-1161

Parker mini Ophthalmoscope 2.5v LED bulb light for true tissue color and consistent long lasting illumination 24 color coded lenses - 25 to +40 for excellent resolution (red for - Green for +) Rubber eye brow rest to prevent scratching of eye-glasses illumination lens dial for clear identification for adopter setting.

Require: 2 x AA size batteries (not included with set)
 Supplu: Soft pouch or plastic hard case.



01-1162

Parker Ophthalmoscope 2.5v LED bulb light for true tissue color and consistent long lasting illumination 24 color coded lenses - 25 to +40 for excellent resolution (red for - Green for +) Rubber eye brow rest to prevent scratching of eye-glasses illumination lens dial for clear identification for adopter setting.

Require: 2 x C size batteries (not included with set)
 Supplu: Soft pouch or plastic hard case.

ENT SETS



01-1163



01-1164



01-1165



01-1166

ENT SETS



01-1167



01-1168



01-1169

PERCUSSION HAMMERS



BABINSKY
220 mm
01-1170



RABINER
230 mm
01-1171



STETHOSCOPES



1:2

PINARD

180 mm – 7"

01-1172



1:2

PINARD

150 mm – 6"

01-1173

DUPLEX

47 mm

01-1174

for adults

BABY-DUPLEX

37 mm

01-1175

for children



1:4



1:1

ANESTOPHON

47 mm

01-1176

for nurses, simple



1:4

PERCUSSION HAMMERS

WARTENBERG

190 mm - 7"

01-1177



1:2

BUCK

180 mm - 7"

01-1178



1:1

1:1

1:2

TROEMNER

240 mm - 9 1/2"

01-1179



1:2

TAYLOR

180 mm - 7"

01-1180

200 mm - 8"

01-1181



BERLINER

200 mm - 8"

01-1182



1:2

DÉJERINE

210 mm - 8"

01-1183



1:1

1:2

MEASURING INSTRUMENTS



1:1

COLLIN

125 mm – 5"	01-1184	01-1185	01-1186
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for children, kg-scale

for adults, kg-scale

for adults, lbs-scale



1:3

BERTILLON

320 mm – 12½"	01-1187
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1:2

MOELTGEN

240 mm – 9½"	01-1188
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MEASURING INSTRUMENTS



100 mm - 4"	01-1189
150 mm - 6"	01-1190
200 mm - 8"	01-1191
300 mm - 12"	01-1192
500 mm - 20"	01-1193



500 mm - 20"	01-1194
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X-ray ruler



VERNIER		
210 mm - 8 1/4"	01-1195	01-1196
	<i>Aluminium</i>	<i>Steel</i>



CASTROVIEJO	
80 mm - 3 1/4"	01-1197



1500 mm - 60"	01-1198
---------------	---------

Wax cloth

TONGUE DEPRESSORS



1:2

160 mm - 6 $\frac{1}{4}$ "

01-1199



1:2

145 mm - 5 $\frac{3}{4}$ "

01-1200



1:2

KROENIG

150 mm - 6"

01-1201



1:2

MAYO

170 mm - 6 $\frac{3}{4}$ "

01-1202



1:2

BRUENINGS

190 mm - 7 $\frac{1}{2}$ "

01-1203



1:2

FRENZEL

165 mm - 6 $\frac{1}{2}$ "

01-1204

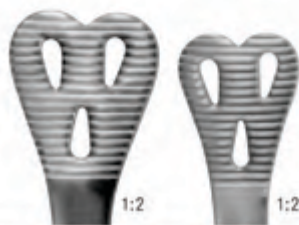
TONGUE DEPRESSORS



SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



WIEDER

1:2

1:2

150 mm - 6"	01-1205	
140 mm - 5½"		01-1206



BOSWOTH

1:2

145 mm - 5¾"	01-1207
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SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

TOBOLD

1:2

145 mm - 5¾"	01-1208
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HARTMANN

1:2

150 mm - 6"	01-1209
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ANDREW

1:2

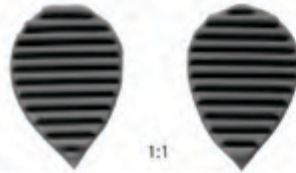
110 mm - 4¾"	01-1210
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TONGUE HOLDING FORCEPS



YOUNG

170 mm - 6 $\frac{3}{4}$ "	01-1211
----------------------------	----------------



01-1212

1 Pair rubber-inserts



COLLIN

160 mm - 6 $\frac{1}{4}$ "	01-1213
170 mm - 6 $\frac{3}{4}$ "	01-1214
190 mm - 7 $\frac{1}{2}$ "	01-1215

Cheek retractors



STERNBERG

120 mm - 4 $\frac{3}{4}$ "	01-1216
140 mm - 5 $\frac{1}{2}$ "	01-1217
160 mm - 6 $\frac{1}{4}$ "	01-1218

CATHETER FORCEPS



MAGILL

170 mm - 6"	01-1219		
200 mm - 8"		01-1220	
250 mm - 9"			01-1221

02

ASPIRATION, PROBES



TROCARS



UNIVERSAL

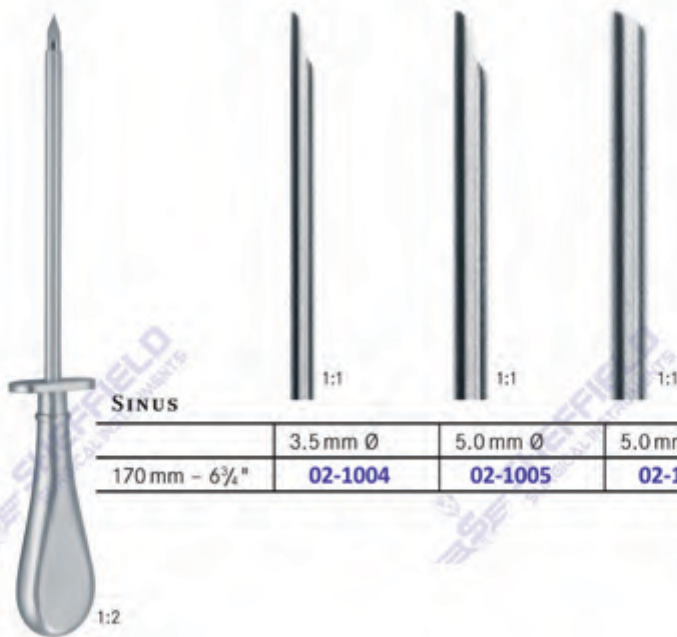
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	6.0 mm Ø	4.5 mm Ø	3.0 mm Ø	1.75 mm Ø
02-1001		x	x	x
02-1002	x	x	x	x

Set



UCKERMANN

130 mm - 5"	02-1003
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SINUS

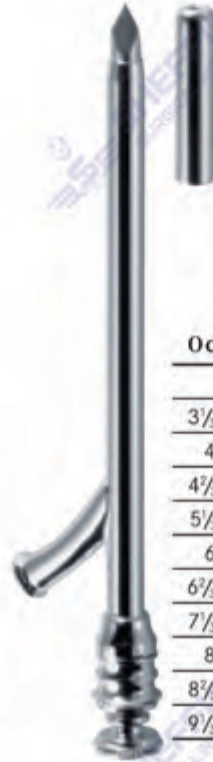
	3.5 mm Ø	5.0 mm Ø	5.0 mm Ø
170 mm - 6 3/4"	02-1004	02-1005	02-1006

TROCARS



LICHTWITZ

	1.8 mm Ø	2.0 mm Ø
190 mm - 7½"	02-1003	02-1006-1



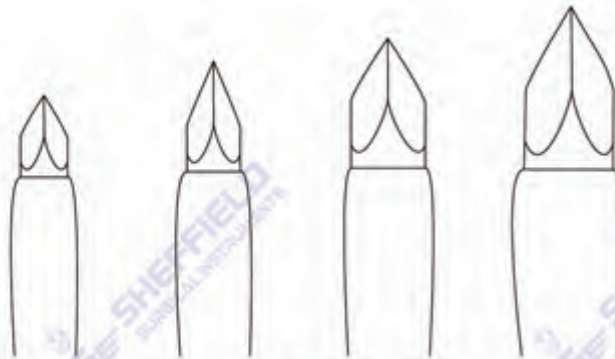
OCHSNER

		100 mm - 4"
3½ mm Ø	10 Char./Fr.	02-1006-2
4 mm Ø	12 Char./Fr.	02-1006-3
4½ mm Ø	14 Char./Fr.	02-1007
5½ mm Ø	16 Char./Fr.	02-1008
6 mm Ø	18 Char./Fr.	02-1009
6½ mm Ø	20 Char./Fr.	02-1010
7½ mm Ø	22 Char./Fr.	02-1011
8 mm Ø	24 Char./Fr.	02-1012
8½ mm Ø	26 Char./Fr.	02-1013
9½ mm Ø	28 Char./Fr.	02-1014



NELSON

	6.0 mm Ø	8.3 mm Ø	9.5 mm Ø	11.6 mm Ø
210 mm - 8¼"	02-1015	02-1016	02-1017	02-1018



TROCARS



LANDAU

	2 mm Ø
160 mm – 6 ¼"	02-1019



PIERCE

	170 mm – 6 ¾"
3 mm Ø	02-1020
4 mm Ø	02-1021
5 mm Ø	02-1022



KRAUSE

	5.5 mm Ø
150 mm – 6"	02-1023



COAKLEY

	2.25 mm Ø
160 mm – 6 ¼"	02-1024

SUCTION TUBES

SHEFFIELD
SURGICAL INSTRUMENTS



COOLEY

1:3

	8 mm Ø
350 mm - 13 3/4"	02-1025

SHEFFIELD
SURGICAL INSTRUMENTS



1:3

	10 mm Ø
310 mm - 12 1/4"	02-1026

SHEFFIELD
SURGICAL INSTRUMENTS



1:3

	6 mm Ø
300 mm - 12"	02-1027

SHEFFIELD
SURGICAL INSTRUMENTS



1:3

	8 mm Ø
330 mm - 13"	02-1028

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SUCTION TUBES



POOLE

		220 mm - 8"
8 mm Ø	23 Charr./Fr.	02-1029



POOLE

		220 mm - 8"
10 mm Ø	30 Charr./Fr.	02-1030



ANDREWS-PYNCHON

235 mm - 9¼"	02-1031
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DE BAKEY

275 mm - 10¾"	02-1032
---------------	----------------



YANKAUER

270 mm - 10¾"	02-1034
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EUSTACHIAN CATHETERS


HARTMANN

	Fig. 1	Fig. 2
2.0 mm Ø	02-1035	02-1038
2.5 mm Ø	02-1036	02-1039
3.0 mm Ø	02-1037	02-1040


KILLIAN

○	160 mm - 6"	2.5 mm Ø	02-1041
●	160 mm - 6"	3.0 mm Ø	02-1042

ovale Öffnung
 oval opening
 ouverture ovale
 apertura oval
 apertura ovale


HARTMANN

	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm - 6"	02-1043	02-1044	02-1045	02-1046	02-1047	02-1048

EUSTACHIAN CATHETERS



1:2 **02-1049**

Schlaucholive für Ohrkatheter
Tube end piece for eustachian catheter
 Olive pour sonde auriculaire
Olive para sondas auriculares
 Olive per sonde auricolari

TRÖLTSCH



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

150 mm - 6"

02-1050

02-1051

02-1052

02-1053

02-1054

Ohrspritze | Seringue auriculaire
Ear syringe | Jeringa auricular
 Siringhe auricolari



1:2



1:2



1:2



1:2



1:2

02-1055

02-1056

02-1057

02-1058

02-1059

02-1060

50 ccm 2 oz

100 ccm 4 oz

02-1061	x		x	x	x	
02-1062		x	x	x	x	

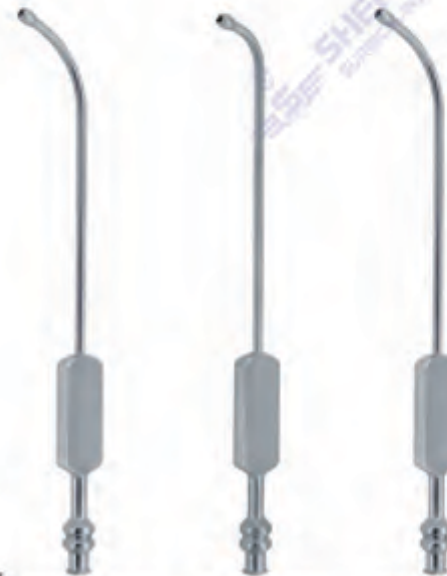
komplett
 complete
 complet
 completa
 completa

SUCTION & IRRIGATION CANNULAS



1.2 mm Ø x 60 mm	02-1063	02-1066
1.5 mm Ø x 80 mm	02-1064	02-1067
2.0 mm Ø x 80 mm	02-1065	02-1068

Packung à 6 Stück
 Package of 6 pieces
 Paquet de 6 pièces
 Paquete de 6 piezas
 Confezione da 6 pezz



EICKEN

2.5 mm Ø	02-1069	02-1071	02-1073
3.0 mm Ø	02-1070	02-1072	02-1074

leicht gebogen <i>slightly curved</i>	stark gebogen <i>strongly curved</i>	biegsam <i>malleable</i>
légèrement courbé	très courbé	malléable
ligeramente curvada	muy curvada	maleable
leggermente curva	fortemente curva	malleabile



SUCTION & IRRIGATION CANNULAS



0.8 mm Ø	02-1078	02-1079	0.8 mm Ø	02-1080	02-1081
Tonsillenkanüle <i>Tonsil needle</i>	gerade <i>straight</i>	gebogen <i>curved</i>	Septumkanüle <i>Septum needle</i>	bajonettförmig <i>bayonet</i>	abgewinkelt <i>angled on flat</i>
Aiguille pour amygdales <i>Aguja para amigdales</i>	droite <i>recta</i>	courbe <i>curva</i>	Aiguille pour le cloison nasal <i>Aguja para el tabique nasal</i>	baïonette <i>bayoneta</i>	coudé sur le plat <i>angulado</i>
Cannule per tonsille	retta	curva	Ago per setto nasale	baionetta	angolato

SUCTION TUBES


ZÖLLNER

0.7 mm Ø

02-1082

komplett mit 1 aufsetzbaren Kanüle, 0.7 mm Ø
complete with 1 slip-on cannula, 0.7 mm Ø
 complet avec 1 canule démontable, 0.7 mm de Ø
completo con 1 cánula desmontable de 0.7 mm Ø
 completa di 1 cannula applicabile di mm 0.7 di Ø


MOCK

65 mm - 2½"

1:2

2.9 mm Ø

02-1083

IOWA

160 mm - 6¼"

1:2

0.7 mm Ø

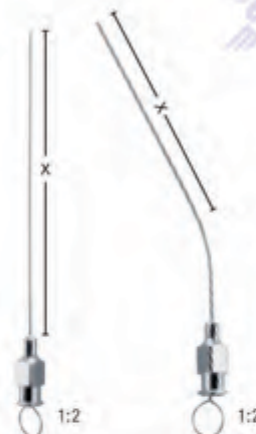
02-1084

MAGILL

245 mm - 9¾"

 3.0 mm Ø **02-1085**

 3.5 mm Ø **02-1086**

 4.0 mm Ø **02-1087**

ROSEN

x = 80 mm

x = 65 mm

 0.7 mm Ø **02-1088** **02-1091**

 0.9 mm Ø **02-1089** **02-1092**

 1.2 mm Ø **02-1090** **02-1093**

SUCTION TUBES



BARON

		x = 75 mm - 3"	x = 100 mm - 4"
1 mm Ø	3 Charr./Fr.	02-1094	02-1097
1½ mm Ø	5 Charr./Fr.	02-1095	02-1098
2½ mm Ø	7 Charr./Fr.	02-1096	02-1099



HOUSE

		x = 75 mm - 3"	x = 100 mm - 4"
1 mm Ø	3 Charr./Fr.	02-1100	02-1107
1½ mm Ø	5 Charr./Fr.	02-1101	02-1108
2½ mm Ø	7 Charr./Fr.	02-1102	02-1109
2¾ mm Ø	8 Charr./Fr.	02-1103	02-1110
3½ mm Ø	10 Charr./Fr.	02-1104	02-1111
4 mm Ø	12 Charr./Fr.	02-1105	02-1112
4¾ mm Ø	14 Charr./Fr.	02-1106	02-1113



FERGUSSON

		x = 120 mm - 4¾"
2 mm Ø	6 Charr./Fr.	02-1114
2½ mm Ø	7 Charr./Fr.	02-1115
2¾ mm Ø	8 Charr./Fr.	02-1116
3 mm Ø	9 Charr./Fr.	02-1117
3½ mm Ø	10 Charr./Fr.	02-1118
4 mm Ø	12 Charr./Fr.	02-1119
5 mm Ø	15 Charr./Fr.	02-1120

1:2

SUCTION TUBES



PLESTER

		170 mm - 6 3/4"
2 mm Ø	6 Charr./Fr.	02-1121
2 1/2 mm Ø	7 Charr./Fr.	02-1122
2 2/3 mm Ø	8 Charr./Fr.	02-1123
3 mm Ø	9 Charr./Fr.	02-1124
3 1/2 mm Ø	10 Charr./Fr.	02-1125
3 2/3 mm Ø	11 Charr./Fr.	02-1126
4 mm Ø	12 Charr./Fr.	02-1127
5 mm Ø	15 Charr./Fr.	02-1128

1:2



ADSON

		210 mm - 8 1/4"
4 mm Ø	12 Charr./Fr.	02-1130
5 mm Ø	15 Charr./Fr.	02-1131

1:2



200 mm - 8" **02-1129**

Saug-Raspatorium - biegsam, scharf
Suction raspatory - malleable, sharp

Rugine aspirante - flexible, tranchant

Legra aspiradora - maleable y agudo

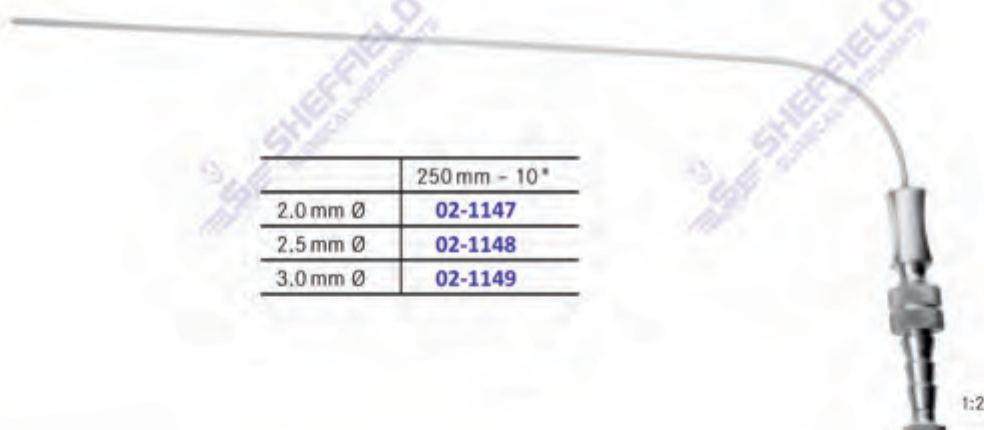
Elevatore-aspiratore - flessibile, tagliente

1:2

SUCTION TUBES



FRAZIER		170 mm - 6¾"	170 mm - 6¾"	170 mm - 6¾"	170 mm - 6¾"	170 mm - 6¾"
2 mm Ø	6 Charr./Fr.	02-1132				
2½ mm Ø	7 Charr./Fr.	02-1133				
2½ mm Ø	8 Charr./Fr.	02-1134				
3 mm Ø	9 Charr./Fr.	02-1135				
3½ mm Ø	10 Charr./Fr.	02-1136	02-1137	02-1138	02-1139	02-1140
4 mm Ø	12 Charr./Fr.	02-1141	02-1142	02-1143	02-1144	02-1145
5 mm Ø	15 Charr./Fr.	02-1146				



	250 mm - 10"
2.0 mm Ø	02-1147
2.5 mm Ø	02-1148
3.0 mm Ø	02-1149

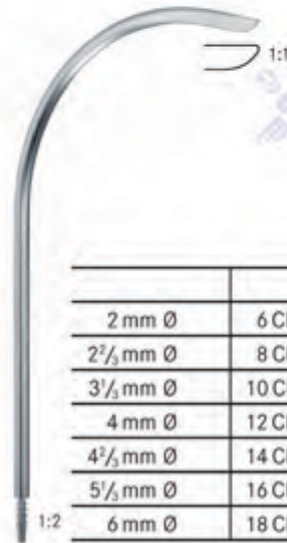


Ø 2.5 mm - 100 mm	3.5 mm	02-1150
Ø 2.5 mm - 260 mm	3.5 mm	02-1151
Ø, Nutzlänge	Kugel Ø	Koagulations-Saugrohre, gerade
Ø, Length	Ball Ø	Coagulation suction tubes, straight
Ø, Longueur	Boule Ø	Canules de suction et coagulation, droits
Ø, Longitud	Bola Ø	Canulas de succión et coagulación, rectas
Ø, Lunghezza operativa	Sfera Ø	Cannule di aspirazione e coagulazione, rette

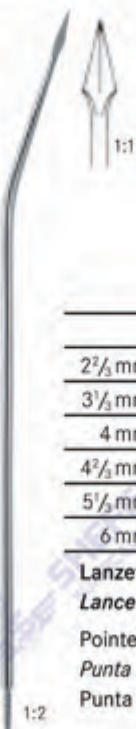
GUIDE NEEDLES



		195 mm - 5 $\frac{3}{4}$ "
2 $\frac{2}{3}$ mm Ø	8 Charr./Fr.	02-1152
3 $\frac{1}{2}$ mm Ø	10 Charr./Fr.	02-1153
4 mm Ø	12 Charr./Fr.	02-1154
4 $\frac{2}{3}$ mm Ø	14 Charr./Fr.	02-1155
5 $\frac{1}{3}$ mm Ø	16 Charr./Fr.	02-1156
6 mm Ø	18 Charr./Fr.	02-1157



		195 mm - 5 $\frac{3}{4}$ "
2 mm Ø	6 Charr./Fr.	02-1158
2 $\frac{2}{3}$ mm Ø	8 Charr./Fr.	02-1159
3 $\frac{1}{2}$ mm Ø	10 Charr./Fr.	02-1160
4 mm Ø	12 Charr./Fr.	02-1161
4 $\frac{2}{3}$ mm Ø	14 Charr./Fr.	02-1162
5 $\frac{1}{3}$ mm Ø	16 Charr./Fr.	02-1163
6 mm Ø	18 Charr./Fr.	02-1164



		195 mm - 5 $\frac{3}{4}$ "
2 $\frac{2}{3}$ mm Ø	8 Charr./Fr.	02-1165
3 $\frac{1}{2}$ mm Ø	10 Charr./Fr.	02-1166
4 mm Ø	12 Charr./Fr.	02-1167
4 $\frac{2}{3}$ mm Ø	14 Charr./Fr.	02-1168
5 $\frac{1}{3}$ mm Ø	16 Charr./Fr.	02-1169
6 mm Ø	18 Charr./Fr.	02-1170

Lanzettenspitze

Lancet tip

Pointe lancéolaire

Punta lanceolata

Punta lanceolata

GLASS/ METAL SYRINGES



LUER

1 ml	02-1171	02-1177
2 ml	02-1172	02-1178
5 ml	02-1173	02-1179
10 ml	02-1174	02-1180
20 ml	02-1175	02-1181
50 ml	02-1176	02-1182

Spritze, komplett Zylinder
 Syringe, complete Barrel
 Seringue, complète Cylindre
 Jeringa, completa Cilindro
 Siringa, completa Cilindro



LUER-LOCK

1 ml	02-1183	02-1189
2 ml	02-1184	02-1190
5 ml	02-1185	02-1191
10 ml	02-1186	02-1192
20 ml	02-1187	02-1193
50 ml	02-1188	02-1194

Spritze, komplett Zylinder
 Syringe, complete Barrel
 Seringue, complète Cylindre
 Jeringa, completa Cilindro
 Siringa, completa Cilindro



LUER-LOCK

2 ml	02-1195	02-1198
5 ml	02-1196	02-1199
10 ml	02-1197	02-1200

Spritze, komplett Zylinder
 Syringe, complete Barrel
 Seringue, complète Cylindre
 Jeringa, completa Cilindro
 Siringa, completa Cilindro

02-1201

Luer Lock Anschluß
 Luer Lock attachment
 Raccord Luer Lock
 Conector Luer Lock
 Raccordo Luer Lock



Ersatzteile und Zubehör auf Anfrage
 Spare parts and accessories upon request
 Pièces de rechange et accessoires sur demande
 Piezas de cambio y accesorios según demanda
 Pezzi di ricambio ed accessori a richiesta

PROBES & DIRECTORS



	2.0 mm Ø	1.5 mm Ø	1.0 mm Ø
115 mm - 4½"	02-1202	02-1209	02-1216
130 mm - 5"	02-1203	02-1210	02-1217
145 mm - 5¾"	02-1204	02-1211	02-1218
160 mm - 6¼"	02-1205	02-1212	02-1219
180 mm - 7"	02-1206	02-1213	02-1220
200 mm - 8"	02-1207	02-1214	02-1221
250 mm - 9¾"	02-1208	02-1215	02-1222



2 mm Ø	
115 mm - 4½"	02-1223
130 mm - 5"	02-1224
145 mm - 5¾"	02-1225
160 mm - 6¼"	02-1226
180 mm - 7"	02-1227
200 mm - 8"	02-1228
250 mm - 9¾"	02-1229



2 mm Ø	
115 mm - 4½"	02-1230
130 mm - 5"	02-1231
145 mm - 5¾"	02-1232
160 mm - 6¼"	02-1233

Myrtenblattsonde
myrtle-shaped
 en forme de myrte
 en forme de mirto
 forma di mirto

mit Öhr
with eyelet
 avec oeil
 con ojo
 con cruna



115 mm - 4½"	02-1234
130 mm - 5"	02-1235
145 mm - 5¾"	02-1236
160 mm - 6¼"	02-1237
180 mm - 7"	02-1238
200 mm - 8"	02-1239



115 mm - 4½"	02-1240
130 mm - 5"	02-1241
145 mm - 5¾"	02-1242
160 mm - 6¼"	02-1243
180 mm - 7"	02-1244
200 mm - 8"	02-1245



DOYEN
 140mm-5½"
02-1246

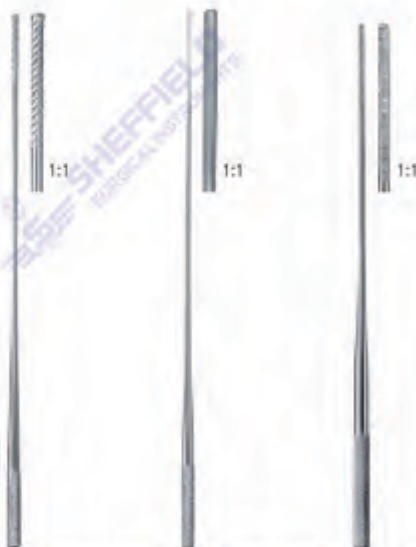
1:2



NÉLATON
 160mm-6½"
02-1247

1:2

COTTON APPLICATORS



FARRELL-LATHBURY

120 mm - 4 $\frac{3}{4}$ "	0.9 mm \emptyset	02-1248	02-1253	02-1258
140 mm - 5 $\frac{1}{2}$ "	0.9 mm \emptyset	02-1249	02-1254	02-1259
165 mm - 6 $\frac{1}{4}$ "	1.1 mm \emptyset	02-1250	02-1255	02-1260
180 mm - 7"	1.2 mm \emptyset	02-1251	02-1256	02-1261
230 mm - 9"	1.3 mm \emptyset	02-1252	02-1257	02-1262



MOD. MARTIN

	1.2 mm \emptyset	1.5 mm \emptyset	1.5 mm \emptyset
120 mm - 4 $\frac{3}{4}$ "	02-1263	02-1267	02-1271
140 mm - 5 $\frac{1}{2}$ "	02-1264	02-1268	02-1272
160 mm - 6 $\frac{1}{4}$ "	02-1265	02-1269	02-1273
180 mm - 7"	02-1266	02-1270	02-1274

	2.5 mm \emptyset	2.5 mm \emptyset
280 mm - 11"	02-1275	02-1276

COTTON APPLICATORS



JOBSON-HORNE
180 mm - 7"
02-1277



FEIN
280 mm - 11"
02-1278



PELTESON
230 mm - 9"
02-1279

03

SCALPELS, KNIVES



OPERATING KNIVES



DIEFFENBACH

	Fig. 1	Fig. 2
160 mm - 6¼"	03-1001	03-1002



OPERATING KNIVES



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
03-1003	03-1004	03-1005	03-1006	03-1007

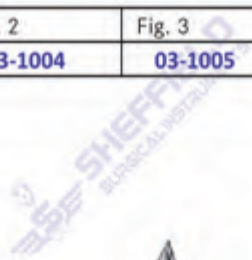
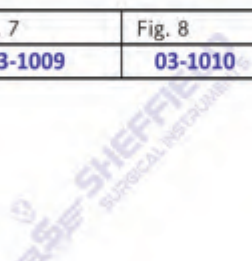


Fig. 6	Fig. 7	Fig. 8	Fig. 9	Fig. 10
03-1008	03-1009	03-1010	03-1011	03-1012



1:1

SCALPEL HANDLES



Fig. 4 L

03-1013

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato



COLLIN

Fig. 8

03-1016

hohl
hollow
creux
hueco
cavo

STANDARD

Fig. 4	Fig. 4 L
03-1014	03-1015

SCALPEL HANDLES



Fig. 3	Fig. 3 L
03-1018	03-1019

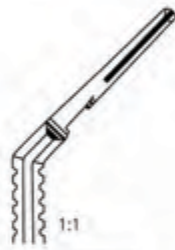


Fig. 3 L

03-1017

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato



Fig. 7K	Fig. 7
03-1020	03-1021



Fig. 3 grad.

03-1022

graduirt
graduated
gradué
graduado
graduato



Fig. 3 R

03-1023

Fig. 3 RG

03-1024

SCALPEL BLADES

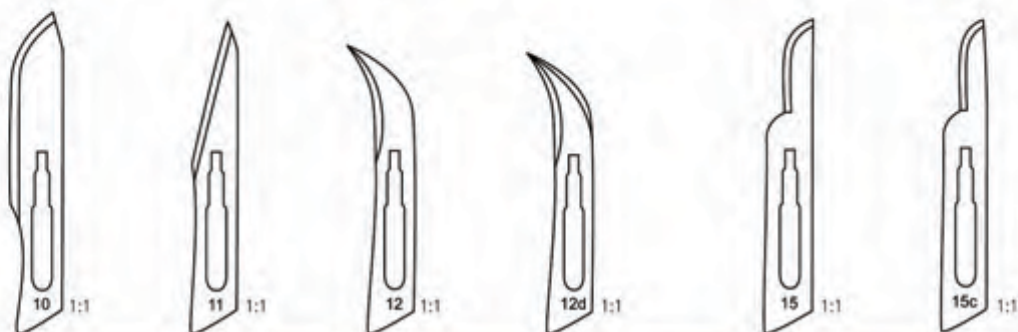


Fig. 10	Fig. 11	Fig. 12	Fig. 12d	Fig. 15	Fig. 15c
03-1025	03-1026	03-1027	03-1028	03-1029	03-1030

doppelschneidend
double cutting edge
 double tranchante
corta doble
 a doppio taglio

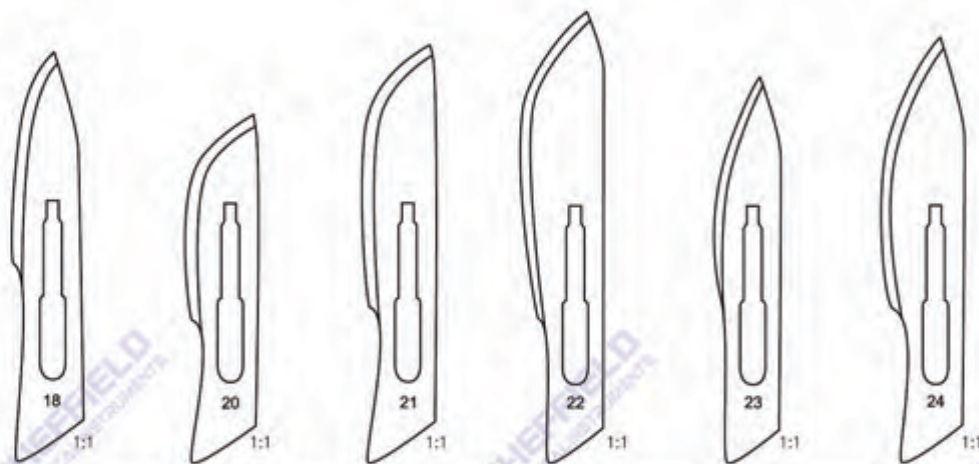


Fig. 18	Fig. 20	Fig. 21	Fig. 22	Fig. 23	Fig. 24
03-1031	03-1032	03-1033	03-1034	03-1035	03-1036

MICRO BLADE HOLDERS, BLADES

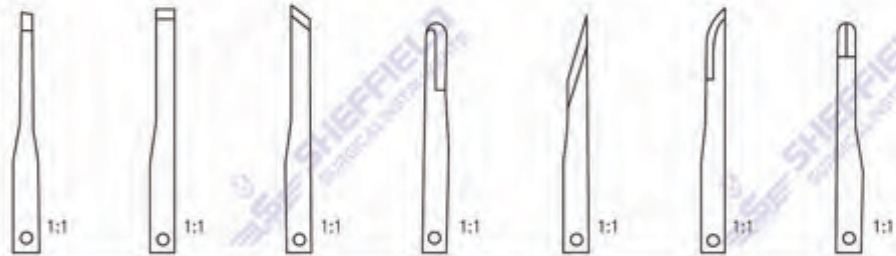


Fig. 61	Fig. 62	Fig. 62s	Fig. 64	Fig. 65	Fig. 67	Fig. 69
03-1039	03-1040	03-1041	03-1042	03-1043	03-1044	03-1045

Mikro-Klingen – Packung mit 10 Stück

Micro-blades – package of 10 pieces

Micro-lames – paquet de 10 pièces

Micro-hojas – paquete de 10 piezas

Micro-lame – confezione da 10 pezzi

135 mm – 5 1/8"	130 mm – 5"
03-1037	03-1038

Titan	Rostfreier Stahl
Titanium	stainless steel
Titan	inoxydable acier
Titaneo	inoxidable acero
Titanio	inossidabile acciaio



100 mm – 4"	130 mm – 5"	150 mm – 6"
03-1046	03-1047	03-1048

RAZOR BLADE & BREAKERS



1:1



1:1

CASTROVIEJO

130 mm - 5"	03-1049
-------------	----------------



1:1



TROUTMAN-CHRIS

90 mm - 3½"	03-1050	03-1051
-------------	----------------	----------------



1:1



1:1



1:1

03-1052

Packung mit 10 Stück
Package of 10 pieces
 Paquet de 10 pièces
 Paquete de 10 piezas
 Confezione da 10 pezzi

Rasierklingen, brechbar, rostfrei
Razor blades, breakable, stainless

Lames de rasoir, réfrangibles, inoxydables
 Hojas de afeitar, rompible, inoxidable
 Lame di rasoio, rompibili, inossidabile

AUTOPSY KNIVES


VIRCHOW

	x = 120 mm - 4"	x = 80 mm - 3 1/2"
255 mm - 10"	03-1053	03-1054

Seziermesser mit Holzheft
Autopsy knives with wooden handle

Couteaux à autopsie avec manche en bois

Cuchillos para autopsia con mango de madera

Coltelli per autopsia con manico di legno


WALB

260 mm - 10 1/4"	x = 110 mm - 4 1/4"	03-1055
290 mm - 11 1/2"	x = 140 mm - 5 1/2"	03-1056
310 mm - 12 1/4"	x = 170 mm - 6 3/4"	03-1057

Organmesser mit Holzheft
Post mortem knives with wooden handle

Couteaux à organes avec manche en bois

Cuchillos para organos, con mango de madera

Coltelli per organi, con manico di legno


VIRCHOW

260 mm - 10 1/4"	x = 160 mm - 6 1/4"	03-1058
335 mm - 13 1/4"	x = 200 mm - 8"	03-1059
380 mm - 15"	x = 240 mm - 9 1/2"	03-1060

Hirnmesser mit Metallheft
Brain knives with metal handle

Couteaux pour le cerveau, avec manche en métal

Cuchillos para el cerebro, con mango metálico

Coltelli per cervello, con manico di metallo

AMPUTATION KNIVES



COLLIN

x = 130 mm	03-1061
x = 160 mm	03-1062
x = 190 mm	03-1063
x = 220 mm	03-1064

doppelschneidend
double cutting edge
double tranchant
corta doble
a doppio taglio



CATLIN

x = 160 mm	03-1065
290 mm - 11 1/2"	

doppelschneidend
double cutting edge
double tranchant
corta doble
a doppio taglio



LANGENBECK

x = 55 mm	x = 55 mm	x = 120 mm
03-1066	03-1067	03-1068

DERMATOMES



03-1069

HUMBY

310 mm - 12 1/4"

03-1070

komplett mit 1 Klinge
complete with 1 blade

complet avec 1 lame
completo con 1 hoja
completo con 1 lama

1:2



WATSON

300 mm - 12"

03-1071

komplett mit 1 Klinge, Stange starr
complete with 1 blade, fixed bar

complet avec 1 lame, tige fix
completo con 1 hoja, barra fijada
completo con 1 lama, barra fissa

1:2



SILVER

190 mm - 7 1/2"

03-1072



1:1

03-1073

DERMATOMES, TRANSPLANTATION KNIVES



THIERSCH

200 mm - 8"

03-1074



SCHINK

300 mm - 12"

03-1075

Komplett mit 1 Klinge und 2 Spannhaltern

Complete with 1 blade and 2 plates

Complet avec 1 lame et 2 plaques

Completo con 1 hoja y 2 placas

Completo con 1 lama e 2 placche



03-1076

Klinge

Spare blade

Lame de rechange

Hoja de cambio

Lama di ricambio



03-1077

Spannplatte

Skin fixing plate

Plaque pour tendre la peau

Placa para extender la piel

Placca per stendere la pelle

04

SCISSORS



OPERATING SCISSORS



STANDARD

	Fig. 1	Fig. 2	Fig. 3
105 mm – 4 1/4"	04-1001	04-1010	04-1019
115 mm – 4 1/2"	04-1002	04-1011	04-1020
130 mm – 5"	04-1003	04-1012	04-1021
145 mm – 5 3/4"	04-1004	04-1013	04-1022
155 mm – 6"	04-1005	04-1014	04-1023
165 mm – 6 1/2"	04-1006	04-1015	04-1024
175 mm – 7"	04-1007	04-1016	04-1025
185 mm – 7 1/4"	04-1008	04-1017	04-1026
200 mm – 8"	04-1009	04-1018	04-1027



STANDARD

	Fig. 1	Fig. 2	Fig. 3
115 mm – 4 1/2"	04-1028	04-1036	04-1044
130 mm – 5"	04-1029	04-1037	04-1045
145 mm – 5 3/4"	04-1030	04-1038	04-1046
155 mm – 6"	04-1031	04-1039	04-1047
165 mm – 6 1/2"	04-1032	04-1040	04-1048
175 mm – 7"	04-1033	04-1041	04-1049
185 mm – 7 1/4"	04-1034	04-1042	04-1050
200 mm – 8"	04-1035	04-1043	04-1051

OPERATING SCISSORS



GRAZIOL

	Fig. 1	Fig. 2	Fig. 3
130 mm - 5"	04-1052	04-1053	04-1054
145 mm - 5 3/4"	04-1055	04-1056	04-1057



GRAZIOL

	Fig. 1	Fig. 2	Fig. 3
130 mm - 5"	04-1058	04-1059	04-1060
145 mm - 5 3/4"	04-1061	04-1062	04-1063



OPERATING SCISSORS



DEAVER

145 mm - 5 3/4"*



1:2

04-1064

gerade
straight
droits
recta
rette



1:2

04-1065

gebogen
curved
courbes
curva
curve



1:2

04-1066

gerade, gezahnt
straight, saw edge
droits, dentelés
recta, dentada
rette, dentate



1:2

04-1067

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentada
curve, dentate



LANGE

145 mm - 5 3/4"*



1:2

04-1068

gerade
straight
droits
recta
rette



1:2

04-1069

gebogen
curved
courbes
curva
curve



1:2

04-1070

gerade, gezahnt
straight, saw edge
droits, dentelés
recta, dentada
rette, dentate



1:2

04-1071

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentada
curve, dentate

OPERATING SCISSORS



1:2

MIXTER

155 mm - 6"	04-1072	04-1073	04-1074	04-1075
gerade <i>straight</i>		gerade, gezahnt <i>straight, saw edge</i>	gebogen <i>curved</i>	gebogen, gezahnt <i>curved, saw edge</i>
droits <i>recta</i>		droits, dentelés <i>recta, dentada</i>	courbes <i>curva</i>	courbes, dentelés <i>curva, dentada</i>
rette		rette, dentate	curve	curve, dentate



1:2



1:2



LEXER

160 mm - 6 $\frac{1}{4}$ "	04-1076	04-1077
210 mm - 8 $\frac{1}{4}$ "	04-1078	04-1079



OPERATING SCISSORS



RICHTER

140 mm - 5½"

04-1080

1:2



FERGUSSON

140 mm - 5½"	04-1081
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160 mm - 6¼"	04-1082
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180 mm - 7"	04-1083
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130 mm - 5"	04-1084
-------------	----------------

145 mm - 5¾"	04-1085
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OPERATING SCISSORS- DISSECTING SCISSORS



MAYO

145 mm - 5 $\frac{3}{4}$ "	04-1086	04-1090
150 mm - 6"	04-1087	04-1091
170 mm - 6 $\frac{3}{4}$ "	04-1088	04-1092
230 mm - 9"	04-1089	04-1093



MAYO-STILLE

150 mm - 6"	04-1094	04-1098
170 mm - 6 $\frac{3}{4}$ "	04-1095	04-1099
195 mm - 7 $\frac{3}{4}$ "	04-1096	04-1100
210 mm - 8 $\frac{3}{4}$ "	04-1097	04-1101



OPERATING SCISSORS- DISSECTING SCISSORS



MAYO-HARRINGTON

220 mm - 8 $\frac{3}{4}$ "



04-1102

04-1103



MAYO-NOBLE

170 mm - 6 $\frac{3}{4}$ "



04-1104

04-1105

OPERATING SCISSORS- DISSECTING SCISSORS



WERTHEIM

145 mm - 5 $\frac{3}{4}$ "	04-1106
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225 mm - 8 $\frac{3}{4}$ "	04-1107
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METZENBAUM

150 mm - 6"	04-1108	04-1109
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1:2

OPERATING SCISSORS- DISSECTING SCISSORS



METZENBAUM

	Fig. 1	Fig. 2	Fig. 3
115 mm - 4½"	04-1110		
145 mm - 5¾"	04-1111	04-1112	04-1113



METZENBAUM

	Fig. 1	Fig. 2	Fig. 3
115 mm - 4½"	04-1114		
145 mm - 5¾"	04-1115	04-1116	04-1117

OPERATING SCISSORS- DISSECTING SCISSORS



**METZENBAUM-
NELSON**



	Fig. 1	Fig. 2	Fig. 3
180 mm - 7"	04-1118	04-1124	04-1130
200 mm - 8"	04-1119	04-1125	04-1131
230 mm - 9"	04-1120	04-1126	04-1132
250 mm - 9½"	04-1121	04-1127	04-1133
280 mm - 11"	04-1122	04-1128	04-1134
300 mm - 12"	04-1123	04-1129	04-1135



**METZENBAUM-
NELSON**



	Fig. 1	Fig. 2	Fig. 3
180 mm - 7"	04-1136	04-1142	04-1148
200 mm - 8"	04-1137	04-1143	04-1149
230 mm - 9"	04-1138	04-1144	04-1150
250 mm - 9½"	04-1139	04-1145	04-1151
280 mm - 11"	04-1140	04-1146	04-1152
300 mm - 12"	04-1141	04-1147	04-1153

OPERATING SCISSORS- DISSECTING SCISSORS



**METZENBAUM-
FINO**



1:2



1:2



1:2



1:2

	Fig. 1	Fig. 3	Fig. 1	Fig. 3
145 mm - 5 3/4"	04-1154	04-1155	04-1156	04-1157



**METZENBAUM-
FINO**



180 mm - 7"	04-1158	04-1159	04-1160
200 mm - 7 3/4"	04-1161	04-1162	04-1163
230 mm - 9"	04-1164	04-1165	04-1166

S-förmig gebogen
S-curved

courbes en S
curva en S
curve a forma di S

DISSECTING SCISSORS



FOMON
 135 mm - 5 1/4"
04-1167

1:2



THOREK
 190 mm - 7 1/2"
04-1168

1:2

Gynäkologische Scheren
Gynaecological scissors

Ciseaux à gynécologie
Tijeras para ginecología
 Forbici per ginecologia



SIMS

	Fig. 1	Fig. 2	Fig. 1	Fig. 2
200 mm - 8"	04-1169	04-1171	04-1173	04-1175
230 mm - 9"	04-1170	04-1172	04-1174	04-1176

GYNECOLOGY SCISSORS



1:2

DUBOIS

270 mm - 10 3/4"



1:2



1:2

04-1177

04-1178



1:2

DOYEN

175 mm - 7"



1:2



1:2

04-1179

04-1180



1:2

SIEBOLD

240 mm - 9 1/2"

04-1181

S-förmig gebogen

S-curved

courbes en S

curva en S

curve a forma di S

FINE OPERATING SCISSORS



	Fig. 1	Fig. 2	Fig. 3
120 mm - 4 3/4"*	04-1182	04-1183	04-1184



	Fig. 1	Fig. 2	Fig. 3
120 mm - 4 3/4"*	04-1185	04-1186	04-1187



KNAPP			
105 mm - 4 1/4"*	04-1188	04-1189	

stumpf
blunt
 mousses
 roma
 smusse

FINE SCISSORS



WAGNER

120 mm - 4 3/8"



1:2



1:2

04-1190	04-1191	04-1192	04-1193
gerade <i>straight</i>	gerade, gezahnt <i>straight, saw edge</i>	gebogen <i>curved</i>	gebogen, gezahnt <i>curved, saw edge</i>
droits <i>recta</i>	droits, dentelés <i>recta, dentada</i>	courbes <i>curva</i>	courbes, dentelés <i>curva, dentada</i>
rette	rette, dentate	curve	curve, dentate



**BROPHY
(SULLIVAN)**

145 mm - 5 3/4"



1:2



1:2

04-1194	04-1195
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LITTLER

115 mm - 4 1/2"

145 mm - 5 3/4"



04-1196	04-1197
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FINE SCISSORS


LOCKLIN

165 mm - 6½"

04-1198
04-1199

 gezahnt
 saw edge,
 dentelées
 dentada
 dentate

QUINBY

125 mm - 5"

04-1200

REYNOLDS

160 mm - 6¼"

04-1201
04-1203

180 mm - 7"

04-1202
04-1204

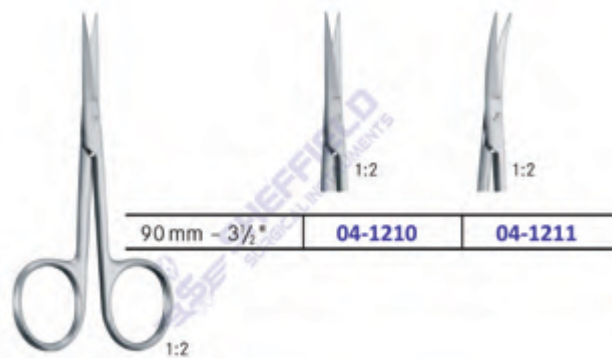
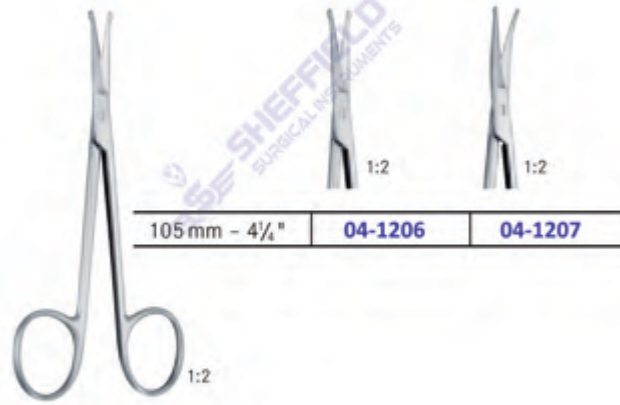
NEUMANN

120 mm - 4¾"

04-1205

 S-förmig gebogen
 S-curved
 courbes en S
 curva en S
 curve a forma di S

FINE SCISSORS



FINE SCISSORS



90 mm - 3½"	04-1212	04-1215
100 mm - 4"	04-1213	04-1216
115 mm - 4½"	04-1214	04-1217


SANVENERO

145 mm - 5¾"	04-1218	04-1219
--------------	----------------	----------------


LEXER-BABY

100 mm - 4"	04-1220	04-1221	04-1222	04-1223
-------------	----------------	----------------	----------------	----------------



1:2

gerade
 straight
 droits
 recta
 rette



1:2

gebogen
 curved
 courbes
 curva
 curve

gebogen, gezahnt
 curved, saw edge
 courbes, dentelés
 curva, dentad
 curve, dentate

FISTULA SCISSORS

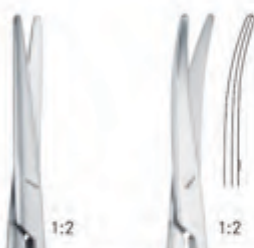


KELLY

160 mm – 6¼"	04-1224	04-1226
180 mm – 7"	04-1225	04-1227

Enucleationsscheren
Enucleation scissors

Ciseaux à énucléation
Tijeras para enucleación
Forbici per enucleazione



LANDOLDT

125 mm – 5"	04-1228	04-1229
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CHADWICK

110 mm – 4¼"	04-1230
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110 mm – 4¼"	04-1231
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PLASTIC SURGERY SCISSORS



JOSEPH

140 mm - 5½"



1:2



1:2

04-1232

04-1233



KILNER (RAGNELL)

120 mm - 4¾"



04-1234

150 mm - 6"

04-1235



GORNEY

200 mm - 8"



1:2



1:2

04-1236

04-1237

ARTERY SCISSORS



145 mm - 5 3/4"*

04-1238

- 1 Blatt mit Sondenspitze
- 1 Blade with probe
- 1 Lame avec sonde
- 1 Punta forma sonda
- 1 Lama con sonda



LINCOLN

170 mm - 6 3/4"*



1:2



1:2

04-1239

04-1240



115 mm - 4 1/2"*

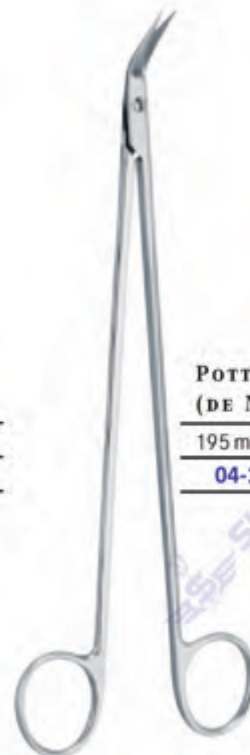
04-1241



FULTON

170 mm - 6 3/4"*

04-1242



**POTTS-SMITH
(DE MARTEL)**

195 mm - 7 3/4"*

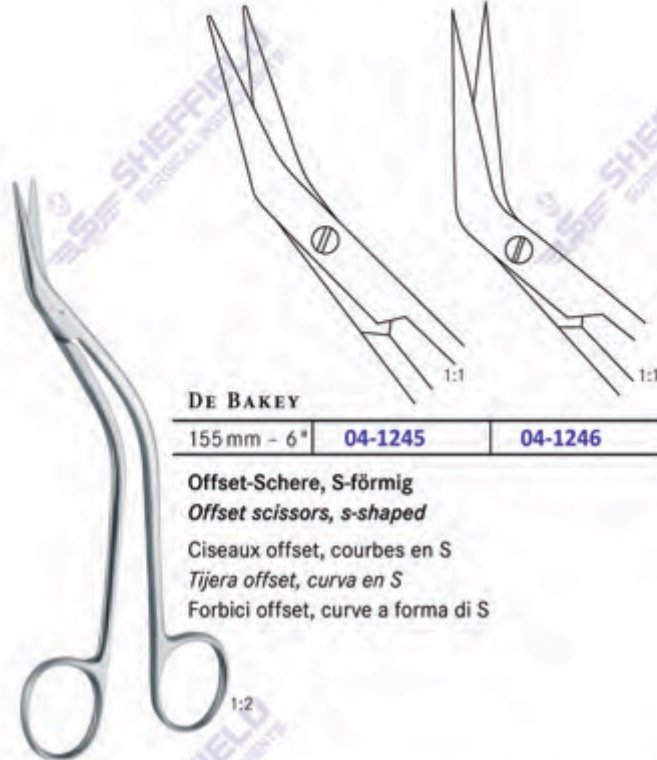
04-1243

ARTERY SCISSORS



FAVALORO
 150 mm - 6"
04-1244

1:2



DE BAKEY

155 mm - 6" **04-1245** **04-1246**

Offset-Schere, S-förmig
 Offset scissors, s-shaped

Ciseaux offset, courbes en S

Tijera offset, curva en S

Forbici offset, curve a forma di S

1:2



DE BAKEY

160 mm - 6 1/4"	04-1247	04-1250	04-1253
230 mm - 9"	04-1248	04-1251	04-1254
280 mm - 11"	04-1249	04-1252	04-1255

MILLS

225 mm - 8 3/4"
04-1256

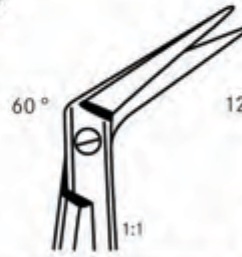
1:2

ARTERY SCISSORS

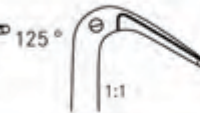
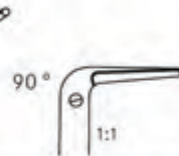
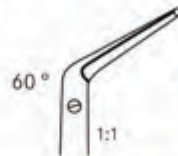


**POTTS-DE
MARTEL**

190 mm - 7½"



	04-1257	04-1258	04-1259	04-1260
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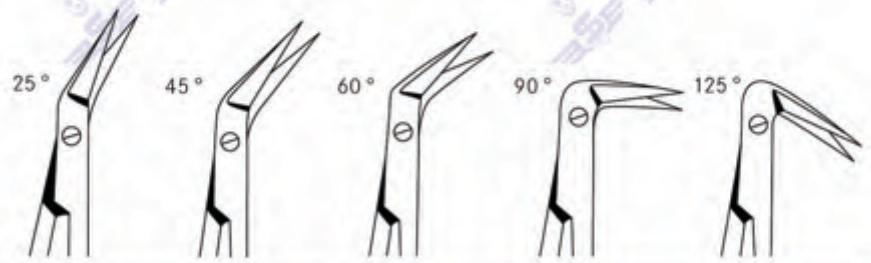
180 mm - 7"

	04-1261	04-1262	04-1263	04-1264	04-1265
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	04-1266	04-1267	04-1268	04-1269	04-1270
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ARTERY SCISSORS



**DIETRICH-
HEGEMANN**

145 mm - 5 $\frac{3}{4}$ "	04-1271	04-1274	04-1277	04-1280	04-1283
160 mm - 6 $\frac{1}{4}$ "	04-1272	04-1275	04-1278	04-1281	04-1284
190 mm - 7 $\frac{1}{2}$ "	04-1273	04-1276	04-1279	04-1282	04-1285

CARTILAGE SCISSORS



1:2

MARTIN-CARTILAGE

190 mm - 7½" **04-1286**

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentada
curve, dentate



1:2

MC INDOE

190 mm - 7½" **04-1287**



1:2

POTTS-SMITH

190 mm - 7½" **04-1288**

TONSIL SCISSORS



BOETTCHER

180 mm - 7"

04-1289



PRINCE

175 mm - 7"

04-1290



TOENNIS-ADSON

170 mm - 6 3/4"

04-1291



TOENNIS

180 mm - 7"

04-1292

04-1293



TONSIL SCISSORS



DEAN

170 cm - 6 $\frac{3}{4}$ "

04-1294

04-1295

gebogen
curved

courbes
curva

curve

gebogen, gezahnt
curved, saw edge

courbes, dentelés
curva, dentada

curve, dentate



WERTHEIM

190 mm - 7 $\frac{1}{2}$ "

04-1296



OLIVECRONA

230 mm - 9"

04-1297

Trigeminusschere

Trigeminal scissors

Ciseaux pour le trigéminus

Tijera para nervio trigémino

Forbici per il nervo trigemino



GOOD

190 mm - 7 $\frac{1}{2}$ "

04-1298

LOBECTOMY SCISSORS



CRAFOORD

300 mm - 12"	04-1299
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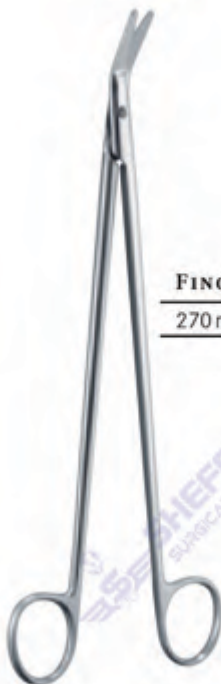
1:3



WILLAUER

250 mm - 9 ³ / ₄ "	04-1300	04-1302
280 mm - 11"	04-1301	04-1303

gerade	gebogen
straight	curved
droits	courbes
recta	curva
rette	curve



FINOCHIETTO

270 mm - 10 ³ / ₄ "	04-1304
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1:3



RESANO

250 mm - 10"	04-1305
--------------	----------------

1:3

THORAX SCISSORS



1:2

SATINSKY

245 mm - 9 $\frac{3}{4}$ "

04-1306



1:2

KLINKENBERG-LOTH

230 mm - 9"

04-1307



1:2

JORGENSEN

220 mm - 8 $\frac{3}{4}$ "

04-1308

ENTEROTOMY SCISSORS



	Fig. 1	Fig. 2	Fig. 3
210 mm - 8 1/4"	04-1309	04-1310	04-1311

UMBILICAL SCISSORS



BUSCH

130 mm - 5"	04-1312	04-1314
160 mm - 6 1/4"	04-1313	04-1315

gezahnt
saw edge
dentelés
dentada
dentate



SCHUMACHER

160 mm - 6 1/4"	04-1316
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MOD. USA

105 mm - 4 1/4"	04-1317
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EPISIOTOMY SCISSORS

SHEFFIELD
SURGICAL INSTRUMENTS



BRAUN-STADLER

145 mm - 5 $\frac{3}{4}$ "	04-1318
220 mm - 8 $\frac{3}{4}$ "	04-1319

SHEFFIELD
SURGICAL INSTRUMENTS



WALDMANN

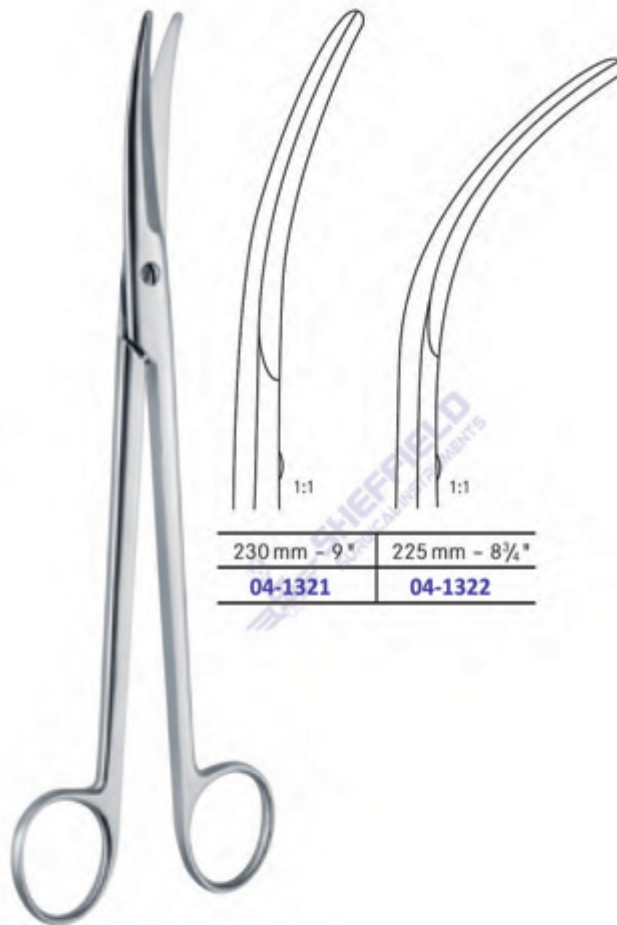
180 mm - 7"	04-1320
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SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

PERAMETRIUM SCISSORS



230 mm - 9"	225 mm - 8¾"
04-1321	04-1322

NASAL SCISSORS



SAILER

170 mm - 6 $\frac{3}{4}$ "	04-1323
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HEYMANN

180 mm - 7"	04-1324
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FOMON

130 mm - 5"	04-1325
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COTTLE

160 mm - 6 $\frac{1}{4}$ "	04-1326
----------------------------	----------------

MICRO SCISSORS



NOYES

	Fig. 1	Fig. 2	Fig. 3
120 mm – 4¾"	04-1327	04-1328	04-1329
<i>gerade</i>	<i>spitz – spitz</i>	<i>spitz – stumpf</i>	<i>stumpf – stumpf</i>
<i>straight</i>	<i>sharp – sharp</i>	<i>sharp – blunt</i>	<i>blunt – blunt</i>
<i>droits</i>	<i>pointue – pointue</i>	<i>pointue – mousse</i>	<i>mousse – mousse</i>
<i>recta</i>	<i>aguda – aguda</i>	<i>roma – aguda</i>	<i>roma – roma</i>
<i>rette</i>	<i>acuta – acuta</i>	<i>acuta – smussa</i>	<i>smussa – smussa</i>



NOYES

	Fig. 1	Fig. 2	Fig. 3
120 mm – 4¾"	04-1330	04-1331	04-1332
<i>abgewinkelt</i>	<i>spitz – spitz</i>	<i>spitz – stumpf</i>	<i>stumpf – stumpf</i>
<i>angulated</i>	<i>sharp – sharp</i>	<i>sharp – blunt</i>	<i>blunt – blunt</i>
<i>coudé</i>	<i>pointue – pointue</i>	<i>pointue – mousse</i>	<i>mousse – mousse</i>
<i>angulado</i>	<i>aguda – aguda</i>	<i>roma – aguda</i>	<i>roma – roma</i>
<i>angolate</i>	<i>acuta – acuta</i>	<i>acuta – smussa</i>	<i>smussa – smussa</i>



MICRO SCISSORS



120 mm - 4 3/4" *	04-1333
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BARRAQUER	
	55 mm - 2 1/4" *
x = 7 mm	04-1334
x = 10 mm	04-1335



WECKER



	Fig. 1	Fig. 2	Fig. 3
110 mm - 4 1/4" *	04-1336	04-1337	04-1338

spitz - stumpf
sharp - blunt

pointue - mousse
roma - aguda
acuta - smussa

stumpf - stumpf
blunt - blunt

mousse - mousse
roma - roma
smussa - smussa

spitz - spitz
sharp - sharp

pointue - pointue
aguda - aguda
acuta - acuta

MICRO SCISSORS



WESTCOTT

115 mm - 4½"



1:1



1:1

04-1339

04-1340



CASTROVIEJO

90 mm - 3½"

04-1341

1:1

MICRO SCISSORS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:1



1:1



1:1

VANNAS

80 mm - 3 1/4"

04-1342

04-1343

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:1



1:1



1:1

CASTROVIEJO

100 mm - 4"

04-1344

04-1345

spitz - spitz

stumpf - stumpf

sharp - sharp

blunt - blunt

pointue - pointue

mousse - mousse

aguda - aguda

roma - roma

acuta - acuta

smussa - smussa

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

TENOTOMY SCISSORS



WESTCOTT

110 mm - 4 1/4"



04-1346

spitz - spitz
sharp - sharp
pointue - pointue
aguda - aguda
acuta - acuta



04-1347

stumpf - stumpf
blunt - blunt
mousse - mousse
roma - roma
smussa - smussa

IRIS SCISSORS



120 mm - 4 3/4"*



1:2



1:2

04-1348

04-1349



115 mm - 4 1/2"*



1:2



1:2



1:2



1:2

04-1350

04-1351

04-1352

04-1353

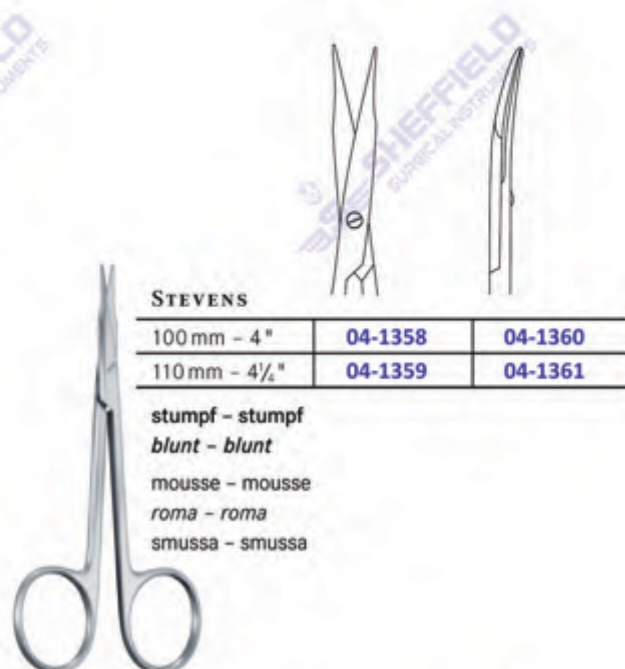
gerade
straight
droits
recta
rette

gebogen
curved
courbes
curva
curve

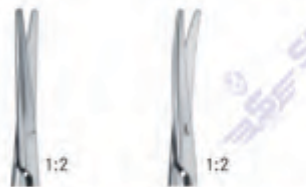
kniegebogen
angular
coudés
acodada
angolata

seitwärts gebogen
laterally curved
courbes laterale
curva lateral
curvata lateralmente

TENOTOMY SCISSORS



STRABISMUS SCISSORS



Anatomische Scheren
Anatomy scissors

Ciseaux à dissequer
Tijeras para anatomia
 Forbici per anatomia



115 mm - 4½"	04-1368	04-1371
130 mm - 5"	04-1369	04-1372
140 mm - 5½"	04-1370	04-1373

SCISSORS

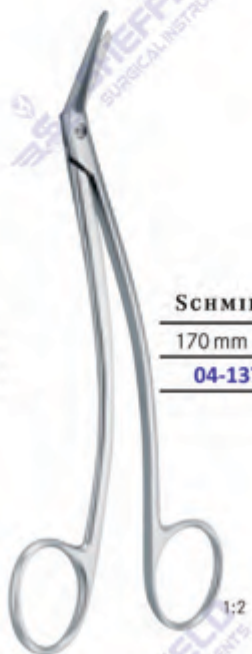


TAYLOR

145 mm - 5 $\frac{3}{4}$ "

04-1374

1:2



SCHMIEDEN

170 mm - 6 $\frac{3}{4}$ "

04-1375

1:2



DANDY

170 mm - 6 $\frac{3}{4}$ "

04-1376

1:2



STRULLY

220 mm - 8 $\frac{3}{4}$ "



1:2



1:2

04-1377

04-1378



LIGATURE SCISSORS



LITTAUER

140 mm - 5½"

04-1379

1:2



O'BRIEN

90 mm - 3½"

04-1380

1:2



SPENCER

90 mm - 3½"

04-1381

105 mm - 4¼"

04-1382

130 mm - 5"

04-1383



115 mm - 4½"

04-1384

1:2



Buck

145 mm - 5¾"

04-1385

180 mm - 7"

04-1386

LIGATURE SCISSORS



NORTHBENT

90 mm - 3½"	04-1387
125 mm - 5"	04-1388



HEATH

150 mm - 6"	04-1389
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gezahnt
saw edge
dentalés
dentada
dentata

1:2



120 mm - 4¾"	04-1390
--------------	----------------

gezahnt
saw edge
dentalés
dentada
dentata

1:2



EISELSBERG

110 mm - 4¼"	04-1391
--------------	----------------

1:2



105 mm - 4¼"	04-1392
--------------	----------------

1:2

WIRE CUTTING SCISSORS


UNIVERSAL

120 mm - 4 3/4"

04-1393

 gezahnt
saw edge
 dentelés
dentada
 dentata

HARVEY

125 mm - 5"

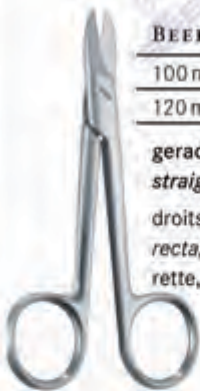
04-1394

 gezahnt
saw edge
 dentelés
dentada
 dentata

SCHUHKNECHT

125 mm - 5"

04-1395

 gezahnt
saw edge
 dentelés
dentada
 dentata

BERBEE

100 mm - 4"

120 mm - 4 3/4"

 gerade, gezahnt für weichen Draht bis ø 0,8 mm
straight, saw edge for soft wire up to ø 0.8 mm

 droits, dentelée pour fils doux à ø 0.8 mm
recta, dentada para alambres blanda hasta ø 0.8 mm
 rette, dentata per filo morbido fino a ø 0.8 mm

04-1396

04-1398

04-1400

04-1402

 stumpf - stumpf
blunt - blunt

 spitz - spitz
sharp - sharp

 stumpf - stumpf, gezahnt
blunt - blunt, saw edge

 spitz - spitz
sharp - sharp

 mousse - mousse
roma - roma
 smussa - smussa

 pointue - pointue
aguda - aguda
 acuta - acuta

 mousse - mousse, dentelée
roma - roma, dentada
 smussa - smussa, dentata

 pointue - poin
aguda - aguda
 acuta - acuta

BERBEE

100 mm - 4"

120 mm - 4 3/4"

 gebogen, gezahnt für weichen Draht bis ø 0,8 mm
curved, saw edge for soft wire up to ø 0.8 mm

 courbes, dentelée pour fils doux à ø 0.8 mm
curva, dentada para alambres blanda hasta ø 0.8 mm
 curve, dentata per filo morbido fino a ø 0.8 mm

04-1404

04-1406

04-1408

04-1410

 stumpf - stumpf
blunt - blunt

 spitz - spitz
sharp - sharp

 stumpf - stumpf, gezahnt
blunt - blunt, saw edge

 spitz - spitz
sharp - sharp

 mousse - mousse
roma - roma
 smussa - smussa

 pointue - pointue
aguda - aguda
 acuta - acuta

 mousse - mousse, dentelée
roma - roma, dentada
 smussa - smussa, dentata

 pointue - point
aguda - aguda
 acuta - acuta

BANDAGE SCISSORS



UNIVERSAL

150 mm - 6"	04-1412
180 mm - 7"	04-1413



LISTER

90 mm - 3½"	04-1414
110 mm - 4¼"	04-1415
140 mm - 5½"	04-1416
160 mm - 6¼"	04-1417
180 mm - 7"	04-1418
200 mm - 8"	04-1419



180 mm - 7"	04-1420
200 mm - 8"	04-1421

BANDAGE SCISSORS



LANGE
180 mm - 7"
04-1422

1:2



KNOWLES
140 mm - 5½"
04-1423

1:2



160 mm - 6¼"
04-1424

1:2



SMITH (MOD. USA)

160 mm - 6¼"	04-1425
180 mm - 7"	04-1426
200 mm - 8"	04-1427
230 mm - 9"	04-1428

BANDAGE SCISSORS- PLASTER SHEARS



ESMARCH

200 mm - 8"	04-1429
220 mm - 8 3/4"	04-1430



EXCENTRIC

160 mm - 6 1/4"	04-1431
190 mm - 7 1/2"	04-1432

gezahnt
saw edge
dentalés
dentadas
dentate



BERGMANN

230 mm - 9"	04-1433
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1:2



LORENZ

230 mm - 9"	04-1434
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1:2

PLASTER SHEARS



BRUNS

240 mm - 9½"

04-1435

04-1436

gezahnt
saw edge
dentelés
dentadas
dentate

1:2



200 mm - 8"

04-1437

1:2



230 mm - 9"

04-1438

1:2

CUTICLE SCISSORS - NAIL SCISSORS



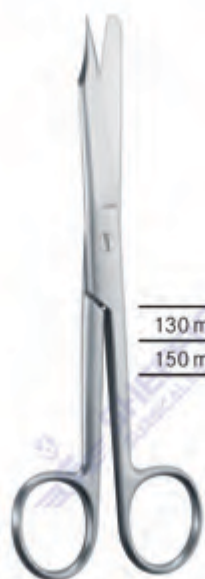
100 mm - 4"	04-1439	04-1441
110 mm - 4 1/4"	04-1440	04-1442



90 mm - 3 1/2"	04-1443	04-1446
100 mm - 4"	04-1444	04-1447
110 mm - 4 1/4"	04-1445	04-1448



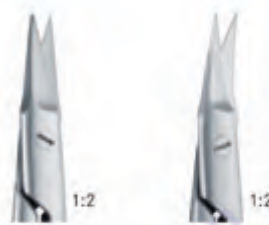
Nagelspaltscheren | Ciseaux à ongles
Nail splitting scissors | Tijeras para uñas
Forbici per unghie



130 mm - 5"	04-1449
150 mm - 6"	04-1450



SYSTRUNK	1:2	1:2
130 mm - 5"	04-1451	04-1452



NAIL NIPPERS



110 mm - 4 1/4"	04-1453
130 mm - 5"	04-1454
150 mm - 6"	04-1455



140 mm - 5 1/2"	04-1456
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140 mm - 5 1/2"	04-1457
-----------------	----------------



TURNBULL

115 mm - 4 1/2"	04-1458
130 mm - 5"	04-1459



100 mm - 4"	04-1460
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COHEN

100 mm - 4"	04-1461
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OPERATING SCISSORS TC



STANDARD

	Fig. 1	Fig. 2	Fig. 3
145 mm - 5 $\frac{3}{4}$ "	04-1462	04-1464	04-1466
165 mm - 6 $\frac{1}{2}$ "	04-1463	04-1465	04-1467



STANDARD

	Fig. 1	Fig. 2	Fig. 3
145 mm - 5 $\frac{3}{4}$ "	04-1468	04-1470	04-1472
165 mm - 6 $\frac{1}{2}$ "	04-1469	04-1471	04-1473



LEXER

165 mm - 6 $\frac{1}{4}$ "	04-1474	04-1476
210 mm - 8 $\frac{1}{4}$ "	04-1475	04-1477

OPERATING SCISSORS-DISSECTING SCISSORS TC



MAYO

145 mm - 5¾"	04-1478	04-1481
170 mm - 6¾"	04-1479	04-1482
230 mm - 9"	04-1480	04-1483



MAYO-STILLE

150 mm - 6"	04-1484	04-1486
170 mm - 6¾"	04-1485	04-1487

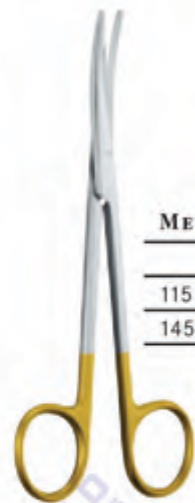


OPERATING SCISSORS-DISSECTING SCISSORS TC



METZENBAUM

	Fig. 1	Fig. 2	Fig. 3
115 mm - 4½"	04-1488		
145 mm - 5¾"	04-1489	04-1490	04-1491



METZENBAUM

	Fig. 1	Fig. 2	Fig. 3
115 mm - 4½"	04-1492		
145 mm - 5¾"	04-1493	04-1494	04-1495

OPERATING SCISSORS-DISSECTING SCISSORS TC



METZENBAUM-NELSON

	Fig. 1	Fig. 2	Fig. 3
180 mm - 7"	04-1496	04-1502	04-1505
200 mm - 8"	04-1497	04-1503	04-1506
230 mm - 9"	04-1498	04-1504	04-1507
250 mm - 10"	04-1499		
280 mm - 11"	04-1500		
300 mm - 12"	04-1501		



METZENBAUM-NELSON

	Fig. 1	Fig. 2	Fig. 3
180 mm - 7"	04-1508	04-1515	04-1518
200 mm - 8"	04-1509	04-1516	04-1519
230 mm - 9"	04-1510	04-1517	04-1520
250 mm - 10"	04-1511		
280 mm - 11"	04-1512		
300 mm - 12"	04-1513		
350 mm - 14"	04-1514		

OPERATING SCISSORS-DISSECTING SCISSORS TC



METZENBAUM-FINO

	Fig. 1	Fig. 1
145 mm - 5¾"	04-1521	04-1522



METZENBAUM-FINO

	Fig. 3	Fig. 3
145 mm - 5¾"	04-1523	04-1524



DISSECTING SCISSORS TC


METZENBAUM-FINO

180 mm - 7"	04-1525	04-1528
200 mm - 8"	04-1526	04-1529
230 mm - 9"	04-1527	04-1530


METZENBAUM-FINO

180 mm - 7"	04-1531
200 mm - 8"	04-1532
230 mm - 9"	04-1533

S-förmig gebogen
S-curved
 courbes en S
 curva en S
 curve a forma di S

Feine Scheren | Ciseaux fins
Fine scissors | *Tijeras finas*
 Forbici fini


LOCKLIN

165 mm - 6½"	04-1534	04-1535
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gerade, gezahnt
straight, saw edge
 droits, dentelés
recta, dentada
 rette, dentate

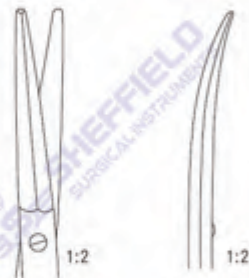
gebogen, gezahnt
curved, saw edge
 courbes, dentelés
curva, dentada
 curve, dentate

PLASTIC SURGERY SCISSORS TC



GORNEY

200 mm - 8"	04-1536	04-1538
230 mm - 9"	04-1537	04-1539



1:2

1:2



KAYE

115 mm - 4½"	04-1540
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1:2

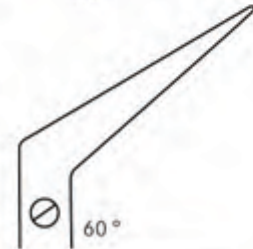


KILNER (RAGNELL)

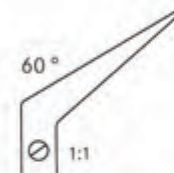
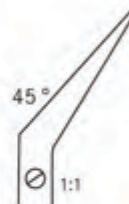
120 mm - 4¾"	04-1541
150 mm - 6"	04-1542



ARTERY SCISSORS TC


DE BAKKEY

160 mm - 6 1/4"	04-1543	04-1546	04-1549
230 mm - 9"	04-1544	04-1547	04-1550
280 mm - 11"	04-1545	04-1548	04-1551


**POTTS-
DE MARTEL**

190 mm - 7 1/2"	04-1552	04-1553	04-1554
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TONSIL SCISSORS TC



**TOENNIS-
ADSON**

170 mm - 6 $\frac{3}{4}$ "

04-1555

1:2



DEAN

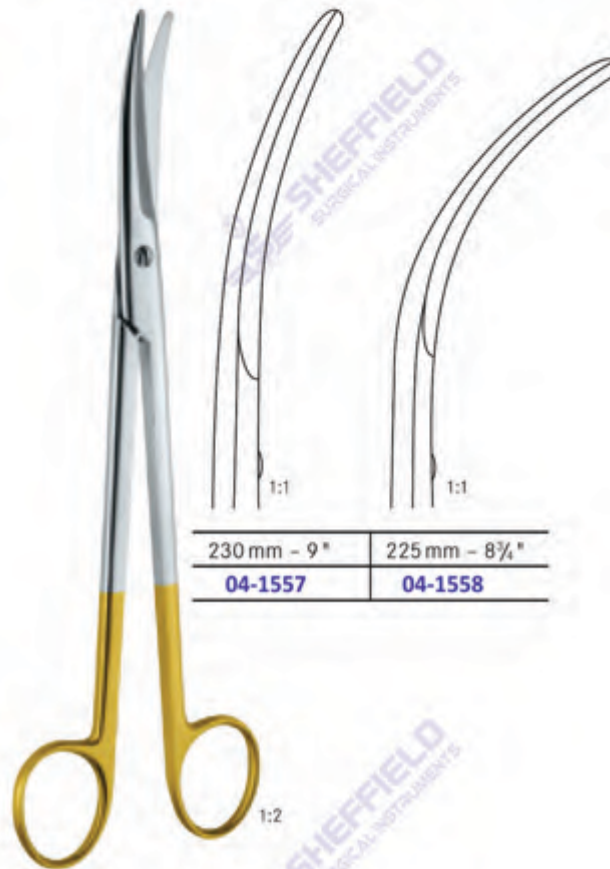
170 mm - 6 $\frac{3}{4}$ "

04-1556

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curvas, dentadas
curve, dentate

1:2

PEREMTRIUM SCISSORS TC



230 mm - 9"	225 mm - 8 3/4"
04-1557	04-1558

Irisscheren | Ciseaux à iridectomie
iris scissors | Tijeras para iridectomia
 Forbici per iridectomia



115 mm - 4 1/2"	04-1559	04-1560	04-1561
gerade straight droits recta rette	gebogen curved courbes curva curve	kniegebogen angular coudés acodada angolata	

WIRE CUTTING SCISSORS TC



UNIVERSAL
120 mm - 4 3/4"
04-1562

Verbandscheren
Bandage scissors

Ciseaux pour pansements
Tijeras para vendajes
Forbici per bendaggi



LISTER
180 mm - 7"
04-1563



BRUNS
240 mm - 9 1/2"
04-1564

OPERATING SCISSORS TC



OPERATING SCISSORS TC



OPERATING SCISSORS TC



**METZENBAUM-
FINO**

180 mm - 7"	04-1576
200 mm - 8"	04-1577
230 mm - 9"	04-1578

OPERATING SCISSORS SUPER CUT



METZENBAUM

145 mm - 5 3/4"

1:2

04-1579

1:2

04-1580



**METZENBAUM-
NELSON**

Fig. 1

Fig. 1

180 mm - 7"

04-1581

04-1584

200 mm - 8"

04-1582

04-1585

230 mm - 9"

04-1583

04-1586



115 mm - 4 1/2"

1:2

04-1587

1:2

04-1588



KILNER (RAGNELL)

120 mm - 4 3/4"

04-1589

150 mm - 6"

04-1590

180 mm - 7"

04-1591

200 mm - 8"

04-1592

OPERATING SCISSORS SUPER CUT



METZENBAUM-FINO

	Fig. 1	Fig. 2
145 mm - 5 $\frac{3}{4}$ "	04-1593	04-1597
180 mm - 7"	04-1594	04-1598
200 mm - 8"	04-1595	04-1599
230 mm - 9"	04-1596	04-1600



115 mm - 4 $\frac{1}{2}$ "	04-1601	04-1602
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OPERATING SCISSORS SUPER CUT



**GOLDMANN-
FOX**

130 mm - 5"



1:2



1:2

	04-1603	04-1604
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1:2



JOSEPH

140 mm - 5½"



1:2



1:2

	04-1605	04-1606
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1:2

OPERATING SCISSORS SUPER CUT



REYNOLDS

160 mm - 6 $\frac{1}{4}$ "	04-1607	04-1609
180 mm - 7"	04-1608	04-1610



STEVENS

100 mm - 4"	04-1611	04-1613
110 mm - 4 $\frac{1}{4}$ "	04-1612	04-1614



FOMON

130 mm - 5"
04-1615

1:2

OPERATING SCISSORS SUPER CUT



LEXER

160 mm - 6 1/4"	04-1616	04-1617
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1:2



1:2



MAYO

140 mm - 5 1/2"	04-1618	04-1622
150 mm - 6 1/4"	04-1619	04-1623
170 mm - 6 3/4"	04-1620	04-1624
230 mm - 9"	04-1621	04-1625



MAYO-STILLE

150 mm - 6"	04-1626	04-1628
170 mm - 6 3/4"	04-1627	04-1629

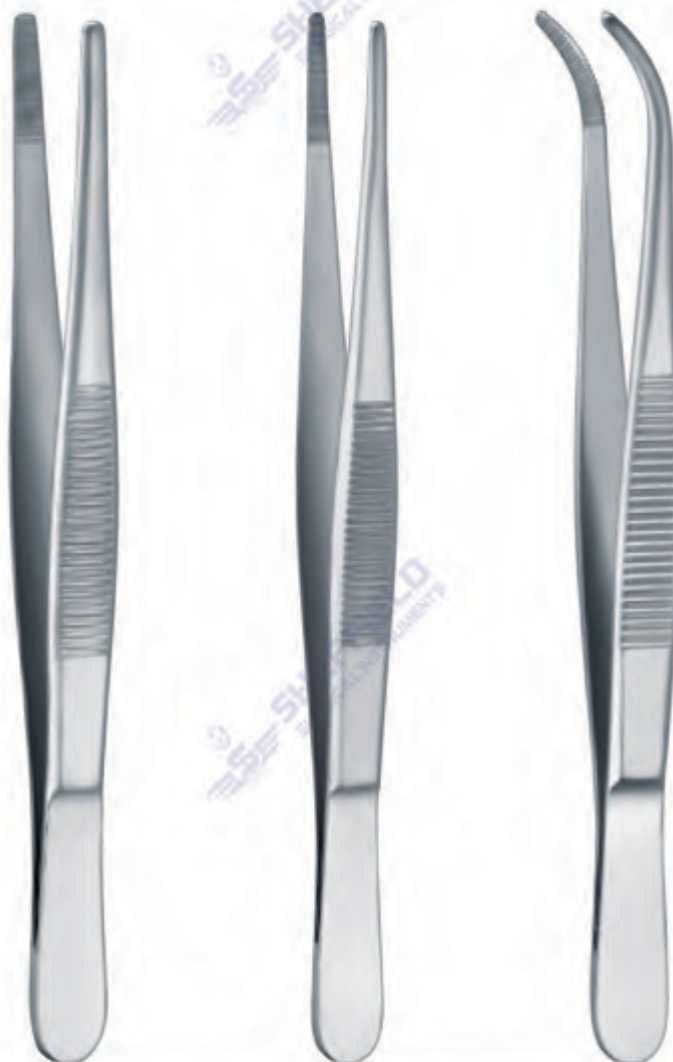


05

FORCEPS



DRESSING FORCEPS



STANDARD

105 mm - 4 1/8"	05-1001	05-1012	05-1021
115 mm - 4 1/2"	05-1002	05-1013	05-1022
130 mm - 5"	05-1003	05-1013	05-1023
145 mm - 5 3/4"	05-1004	05-1014	05-1024
150 mm - 6"	05-1005	05-1015	05-1025
160 mm - 6 1/4"	05-1006	05-1016	05-1026
180 mm - 7"	05-1007	05-1017	05-1027
200 mm - 8"	05-1008	05-1018	05-1028
250 mm - 10"	05-1009	05-1019	05-1029
300 mm - 12"	05-1010	05-1020	05-1030
350 mm - 14"	05-1011		

schmal
narrow
étroite
estrecha
stretta

DRESSING FORCEPS



130 mm - 5"	05-1031
145 mm - 5 7/8"	05-1032
160 mm - 6 1/4"	05-1033

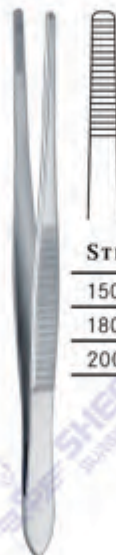
kreuzgerieft
cross serrated
 striée
 estriada
 zigrinato a croce



MOD. USA

120 mm - 4 3/4"	05-1034	05-1042
130 mm - 5"	05-1035	05-1043
145 mm - 5 7/8"	05-1036	05-1044
155 mm - 6"	05-1037	05-1045
180 mm - 7"	05-1038	
210 mm - 8 1/4"	05-1039	
250 mm - 9 3/4"	05-1040	
310 mm - 12 1/4"	05-1041	

schmal
narrow
 étroite
 estrecha
 strette



STILLE

150 mm - 6"	05-1046
180 mm - 7"	05-1047
200 mm - 8"	05-1048



SEMKEN

125 mm - 5"	05-1049
150 mm - 6"	05-1050

DRESSING FORCEPS



ADSON

120 mm - 4¾"	05-1051
150 mm - 6"	05-1052



MICRO-ADSON

120 mm - 4¾"	05-1053
150 mm - 6"	05-1054



ADSON

120 mm - 4¾"	05-1055
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kreuzgerieft
cross serrated
striée
estriada
zigrinato a croce



**HUDSON
(EWALD)**

120 mm - 4¾"	05-1056
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DRESSING FORCEPS



CUSHING

175 mm - 7"	05-1057	05-1058
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MC INDOE

150 mm - 6"	05-1059
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BROPHY

200 mm - 8"	05-1060	05-1061
-------------	----------------	----------------



DUEHRSEN

200 mm - 8"	05-1062
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DRESSING FORCEPS

SHEFFIELD
SURGICAL INSTRUMENTS



WANGENSTEEN

150 mm - 6"	05-1063
230 mm - 9"	05-1064

SHEFFIELD
SURGICAL INSTRUMENTS



WAUGH

150 mm - 6"	05-1065
200 mm - 8"	05-1066
250 mm - 9 3/4"	05-1067

SHEFFIELD
SURGICAL INSTRUMENTS



POTTS-SMITH

180 mm - 7"	05-1068	05-1071
210 mm - 8 1/4"	05-1069	05-1072
250 mm - 9 3/4"	05-1070	05-1073

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

DRESSING FORCEPS



TAYLOR

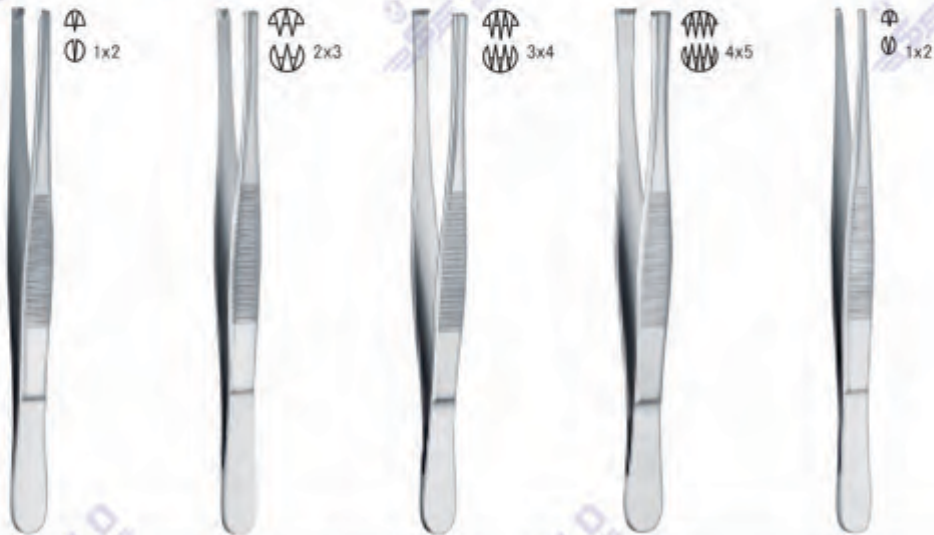
175 mm - 7"	05-1074	05-1075	05-1076
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GERALD

180 mm - 7"	05-1077	05-1078	05-1079
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TISSUE FORCEPS



STANDARD

105 mm - 4 1/4"	05-1080	05-1091			
115 mm - 4 1/2"	05-1081	05-1092			05-1109
130 mm - 5"	05-1082	05-1093	05-1101	05-1106	05-1110
145 mm - 5 3/4"	05-1083	05-1094	05-1102	05-1107	05-1111
150 mm - 6"	05-1084	05-1095			
160 mm - 6 1/4"	05-1085	05-1096	05-1103	05-1108	05-1112
180 mm - 7"	05-1086	05-1097			05-1113
200 mm - 8"	05-1087	05-1098			05-1114
250 mm - 9 3/4"	05-1088	05-1099	05-1104		05-1115
300 mm - 12"	05-1089	05-1100	05-1105		
350 mm - 14"	05-1090				

schmal
 narrow
 étroite
 estrecha
 strette

TISSUE FORCEPS


STILLE

150 mm - 6"	05-1116	05-1117
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MOD. USA

120 mm - 4 3/4"	05-1118
130 mm - 5"	05-1119
145 mm - 5 3/4"	05-1120
155 mm - 6"	05-1121
185 mm - 7"	05-1122
210 mm - 8"	05-1123
250 mm - 9 3/4"	05-1124
310 mm - 12 1/4"	05-1125


STONE

150 mm - 6"	05-1126
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LERCHE

150 mm - 6"	05-1127
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ÄDLERKREUTZ

150 mm - 6"	05-1128	05-1130
200 mm - 8"	05-1129	05-1131
250 mm - 9 3/4"		05-1132



TISSUE FORCEPS



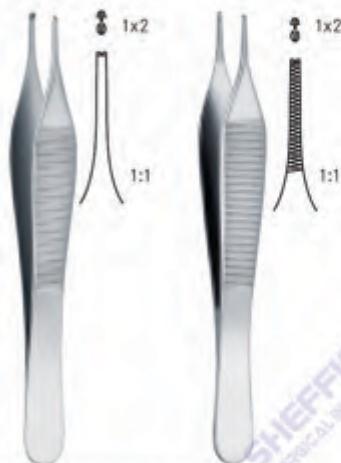
BROPHY

200 mm - 8"	05-1133	05-1134
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POTTS-SMITH

180 mm - 7"	05-1135	05-1138
210 mm - 8 1/4"	05-1136	05-1139
250 mm - 9 3/4"	05-1137	05-1140



ADSON

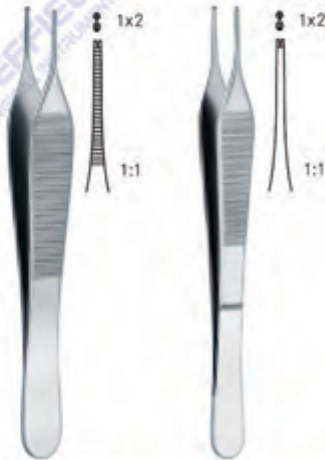
120 mm - 4 3/4"	05-1141	05-1143
150 mm - 6"	05-1142	



**ADSON-
GRAEFE**

120 mm - 4 3/4"	05-1144
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TISSUE FORCEPS



ADSON-MICRO

120 mm - 4 3/4"	05-1145	05-1147
150 mm - 6"	05-1146	05-1148



ADSON-BROWN

120 mm - 4 3/4"	05-1149	05-1150
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**HUDSON
(EWALD)**

120 mm - 4"	05-1151
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ADSON

120 mm - 4 3/4"	05-1152
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**ULTRA-MICRO-ADSON
(BRAKA)**

120 mm - 4 3/4"	05-1153
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TISSUE FORCEPS



GILLIES

150 mm - 6"

05-1154



SEMKEN

125 mm - 5"

05-1155

150 mm - 6"

05-1156



DUVAL

145 mm - 5 3/4"

05-1157



TREVES

125 mm - 5"

05-1158

150 mm - 6"

05-1159



BONNEY

175 mm - 7"

05-1160



05-1161



FERRIS-SMITH

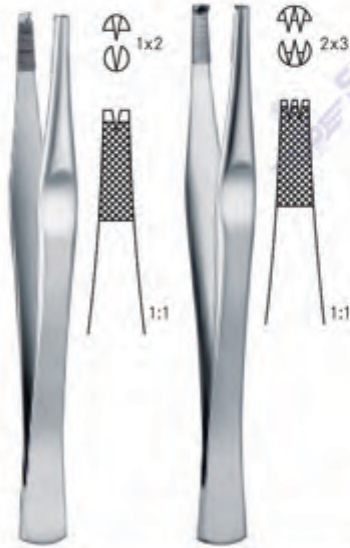
180 mm - 7"

05-1162



05-1163

TISSUE FORCEPS



LANE

145 mm - 5½"	05-1164	05-1166
200 mm - 8"	05-1165	05-1167



BROWN

150 mm - 6"	05-1168
200 mm - 8"	05-1169
250 mm - 9¾"	05-1170



DENIS BROWNE

190 mm - 7½"
05-1171



WAUGH

150 mm - 6"	05-1172
200 mm - 8"	05-1173
250 mm - 9¾"	05-1174

TISSUE FORCEPS



STILLÉ-BARRAYA

180 mm - 7"	05-1175
200 mm - 8"	05-1176
250 mm - 9 3/4"	05-1177



TAYLOR

175 mm - 7"	05-1178	05-1179	05-1180
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GERALD

170 mm - 6 3/4"	05-1181	05-1182	
180 mm - 7"			05-1183



CUSHING

170 mm - 6 3/4"	05-1184	05-1185
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EAR & NOSE DRESSING FORCEPS



TROELTSCH

150 mm - 6"	05-1186
180 mm - 7"	05-1187



TROELTSCH (WILDE)

110 mm - 4 1/4"	05-1188	
120 mm - 4 3/4"	05-1189	
130 mm - 5"		05-1190



LUCAS

140 mm - 5 1/2"	05-1191
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gekreuzt
cross action
croisé
cruzado
crociato



JANSEN

160 mm - 6 1/4"	05-1192
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JANSEN

160 mm - 6 1/4"	05-1193
200 mm - 8"	05-1194



COTTLE

145 mm - 5 3/4"	05-1195
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Columella Pinzette
Columella forceps
Pince à columella
Pinza para columella
Pinze per columella

IRIS FORCEPS



GRAEFE

105 mm - 4 $\frac{1}{4}$ "*	05-1197	05-1198	05-1199	05-1200	05-1201	05-1202
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GRAEFE

	70 mm - 2 $\frac{3}{4}$ "*	70 mm - 2 $\frac{3}{4}$ "*	70 mm - 2 $\frac{3}{4}$ "*	70 mm - 2 $\frac{3}{4}$ "*
0.7 mm	05-1203	05-1205	05-1207	05-1209
1.0 mm	05-1204	05-1206	05-1208	05-1210

FORCEPS-FINE PATTERN



90 mm - 3½"	05-1211	05-1215
105 mm - 4¼"	05-1212	05-1216
115 mm - 4½"	05-1213	05-1217
125 mm - 5"	05-1214	05-1218

glatt
smooth
 lisse
lisa
 liscio

90 mm - 3½"	05-1219	05-1223
105 mm - 4¼"	05-1220	05-1224
115 mm - 4½"	05-1221	05-1225
125 mm - 5"	05-1222	05-1226

gerieft
serrated
 striée
estriada
 zigrinato

GRASPING FORCEPS



DURANTE

145 mm - 5 3/4"	05-1227
160 mm - 6 1/4"	05-1228
200 mm - 8"	05-1229



RUSS. MODELL

150 mm - 6"	05-1230
200 mm - 8"	05-1231
250 mm - 9 3/4"	05-1232
300 mm - 11 3/4"	05-1233



MAYO-RUSS.

230 mm - 9"	05-1234
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NELSON

230 mm - 9"	05-1235
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SINGLEY-TUTTLE

180 mm - 7"	05-1236
230 mm - 9"	05-1237
350 mm - 14"	05-1238



COLLIN-DUVAL

200 mm - 8"	05-1239
x = 14 mm	

x = 18 mm	05-1240
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x = 27 mm	05-1241
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ATRAUMATIC TISSUE FORCEPS



DE BAKEY

	x = 1.5 mm	x = 2.0 mm	x = 2.7 mm	x = 3.5 mm
120 mm - 4 3/4"	05-1242			
145 mm - 5 3/4"	05-1243	05-1248		
160 mm - 6 1/4"	05-1244	05-1249	05-1253	05-1257
200 mm - 8"	05-1245	05-1250	05-1254	05-1258
240 mm - 9 1/2"	05-1246	05-1251	05-1255	05-1259
300 mm - 12"	05-1247	05-1252	05-1256	05-1260
350 mm - 14"				05-1261



	x = 1.5 mm	x = 2.0 mm
145 mm - 5 3/4"	05-1262	
160 mm - 6 1/4"		05-1263
200 mm - 8"		05-1264
240 mm - 9 1/2"		05-1265
300 mm - 12"		05-1266

ATRAUMATIC TISSUE FORCEPS



DE BAKAY

	x = 1.2 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.8 mm
160 mm - 6 1/4"	05-1267	05-1270	05-1273	05-1276	05-1279
200 mm - 8"	05-1268	05-1271	05-1274	05-1277	05-1280
240 mm - 9 1/2"	05-1269	05-1272	05-1275	05-1278	05-1281



DRESSING FORCEPS



STANDARD

145 mm - 5 $\frac{3}{4}$ "	05-1282	-
180 mm - 7"	05-1283	05-1285
250 mm - 10"	05-1284	-

schmal
narrow
étroite
estrecha
stretta

DRESSING FORCEPS



SEMKEN

125 mm - 5"

05-1286



1:2



1:2

TAYLOR

175 mm - 7"

05-1287

05-1288



1:2

GERALD

180 mm - 7"

05-1289

DRESSING FORCEPS

SHEFFIELD
SURGICAL INSTRUMENTS



ADSON

120 mm - 4 3/4"	05-1290
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SHEFFIELD
SURGICAL INSTRUMENTS



ADSON

120 mm - 4 3/4"	05-1291
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SHEFFIELD
SURGICAL INSTRUMENTS



MC INDOE

150 mm - 6"	05-1292
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SHEFFIELD
SURGICAL INSTRUMENTS



POTTS-SMITH

180 mm - 7"	05-1293
210 mm - 8 1/4"	05-1294
250 mm - 9 3/4"	05-1295

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

TISSUE FORCEPS



GILLIES
150 mm - 6"
05-1296



ADSON-BROWN
120 mm - 4 3/4" **05-1297**



GERALD
170 mm - 6 3/4" **05-1298**



TAYLOR
175 mm - 7" **05-1299**

DRESSING FORCEPS



STANDARD

145 mm - 5 $\frac{3}{4}$ "	05-1300
160 mm - 6 $\frac{1}{4}$ "	05-1301
180 mm - 7"	05-1302
200 mm - 8"	05-1303
250 mm - 9 $\frac{3}{4}$ "	05-1304
300 mm - 12"	05-1305



MC INDOE

150 mm - 6"	05-1306
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POTTS-SMITH

150 mm - 6"	05-1307
180 mm - 7"	05-1308
210 mm - 8 $\frac{1}{4}$ "	05-1309
250 mm - 9 $\frac{3}{4}$ "	05-1310



ADSON

120 mm - 4 $\frac{3}{4}$ "	05-1311
150 mm - 6"	05-1312



WANGENSTEEN

150 mm - 6"	05-1313
230 mm - 9"	05-1314



CUSHING

175 mm - 7"	05-1315
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TAYLOR

180 mm - 7"	05-1316
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TISSUE FORCEPS



ADSON

120 mm - 4 3/4"	05-1317
150 mm - 6"	05-1318



ADSON-MICRO

05-1319
05-1320



ADSON-BROWN

05-1321



GILLIES

150 mm - 6"
05-1322



OEHLER

140 mm - 5 1/2"	160 mm - 6 1/4"	180 mm - 7"
05-1323	05-1324	05-1325



200 mm - 8"	250 mm - 9 3/4"	300 mm - 12"
05-1326	05-1327	05-1328

ATRAUMATIC TISSUE FORCEPS



DE BAKEY

	x = 1.5 mm	x = 2.0 mm
150 mm - 6"	05-1329	05-1332
190 mm - 7½"	05-1330	05-1333
240 mm - 9½"	05-1331	05-1334

SPLINTER FORCEPS



FEILCHENFELD	
75 mm - 3"	05-1335
90 mm - 3½"	05-1336
115 mm - 4½"	05-1337



HUNTER		
105 mm - 4¼"	05-1338	05-1339

SPLINTER FORCEPS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



WALTER-CARMALT

105 mm - 4 1/4"	05-1340	05-1341
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80 mm - 3 1/4"
05-1342



100 mm - 4"	05-1343
125 mm - 5"	05-1344

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

CILIA FORCEPS



BEER

90 mm - 3½"

05-1347



DOUGLAS

90 mm - 3½"

05-1348

05-1349



LITTAUER

85 mm - 3¼"

05-1345

90 mm - 3½"

05-1346



GRADLE

95 mm - 3¾"

05-1350



BARRAQUER

105 mm - 4¼"

05-1351

06

HAEMOSTATS FORCEPS



HAEMOSTATIC FORCEPS



DIEFFENBACH

35 mm - 1½"	06-1001	06-1004
50 mm - 2"	06-1002	06-1005
60 mm - 2¼"	06-1003	06-1006



JOHNS HOPKINS

50 mm - 2"	06-1007
65 mm - 2½"	06-1008
75 mm - 3"	06-1009



DIETRICH



x =	50 mm - 2"	50 mm - 2"	50 mm - 2"	60 mm - 2¼"	50 mm - 2"	50 mm - 2"	50 mm - 2"	60 mm - 2¼"
y =	8 mm	12 mm	16 mm	20 mm	8 mm	12 mm	16 mm	20 mm
	06-1010	06-1011	06-1012	06-1013	06-1014	06-1015	06-1016	06-1017

x = Länge y = geriefte Maullänge
 Length serrated jaw part
 Longueur partie striée du mors
 Longitud parte estriada de la boca
 Lunghezza morso zigrinato

HAEMOSTATIC FORCEPS


HARTMANN

100 mm - 4"


06-1018
06-1019

TERRIER

85 mm - 3 3/4"


06-1020

**HALSTED-
MOSQUITO**

125 mm - 5"

140 mm - 5 1/2"


06-1021
06-1023
06-1025
06-1027
06-1022
06-1024
06-1026
06-1028

1x2

1x2

**HALSTED-
MOSQUITO**

125 mm - 5"

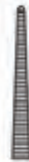
06-1029
06-1030
06-1031
06-1032

HAEMOSTATIC FORCEPS



MICRO-MOSQUITO

100 mm - 4"	06-1033	06-1035	06-1037	06-1039
120 mm - 4 3/4"	06-1034	06-1036	06-1038	06-1040



1x2

1x2



PROVIDENCE-HOSPITAL

140 mm - 5 1/2"	06-1041	06-1042
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1:1



1:1

1:2



DANDY

140 mm - 5 1/2"	06-1043	06-1044
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seitlich gebogen
curved to the side
courbe sur le plat
curva al lado
curvata lateralmente

1x2

1:2



MOSQUITO-DANDY

120 mm - 4 3/4"	06-1045
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seitlich gebogen
curved to the side
courbe sur le plat
curva al lado
curvata lateralmente



1:1

1:2

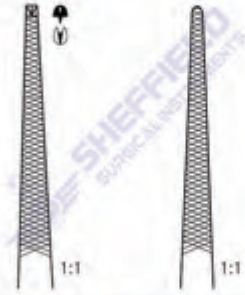
HAEMOSTATIC FORCEPS


CHRISTOPHE

130 mm - 4"	06-1046
150 mm - 6"	06-1047


LOVELACE

155 mm - 6"	06-1048	06-1049
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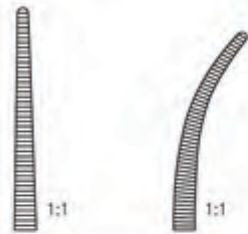


1x2

1:2


LERICHE

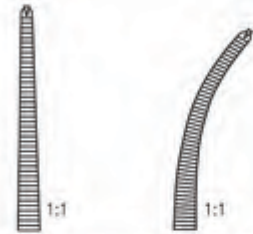
150 mm - 6"	06-1050	06-1051
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1:2


LERICHE

150 mm - 6"	06-1052	06-1053
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1x2

1x2

1:2

HAEMOSTATIC FORCEPS



KELLY

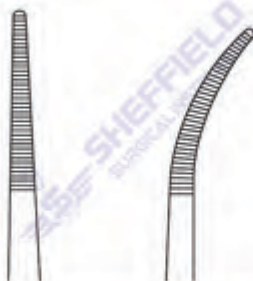
140 mm – 5 1/2"	06-1054	06-1055
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KELLY-RANKIN

160 mm – 6 1/4"	06-1056	06-1057
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KELLY

140 mm – 5 1/2"	06-1058	06-1059
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CRILE

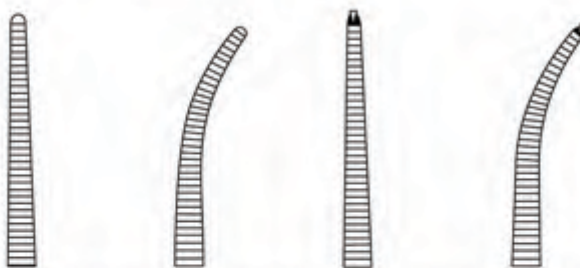
140 mm – 5 1/2"	06-1060	06-1061	06-1062	06-1063
			1x2	1x2

CRILE-RANKIN

160 mm – 6 1/4"	06-1064	06-1065	06-1066	06-1067
			1x2	1x2

CRILE

140 mm – 5 1/2"	06-1068	06-1069
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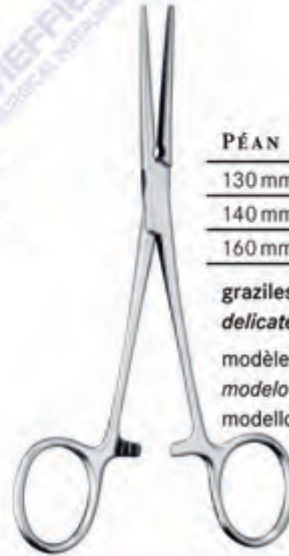


HAEMOSTATIC FORCEPS



COLLER

140 mm - 5 1/2"	06-1070	06-1072
160 mm - 6 1/4"	06-1071	06-1073



PÉAN

130 mm - 5"	06-1074	06-1077
140 mm - 5 1/2"	06-1075	06-1078
160 mm - 6 1/4"	06-1076	06-1079



graziles Modell
delicate pattern
 modèle délicat
 modelo delicado
 modello delicato



DUNHILL

125 mm - 5"	06-1080
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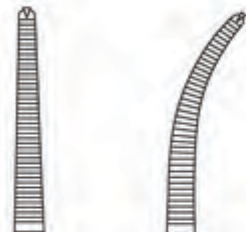
CAIRNS

150 mm - 6"	06-1081	06-1082
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KOCHER

130 mm - 5"	06-1083	06-1086
140 mm - 5 1/2"	06-1084	06-1087
160 mm - 6 1/4"	06-1085	06-1088



graziles Modell
delicate pattern
 modèle délicat
 modelo delicado
 modello delicato

1x2

1x2

HAEMOSTATIC FORCEPS



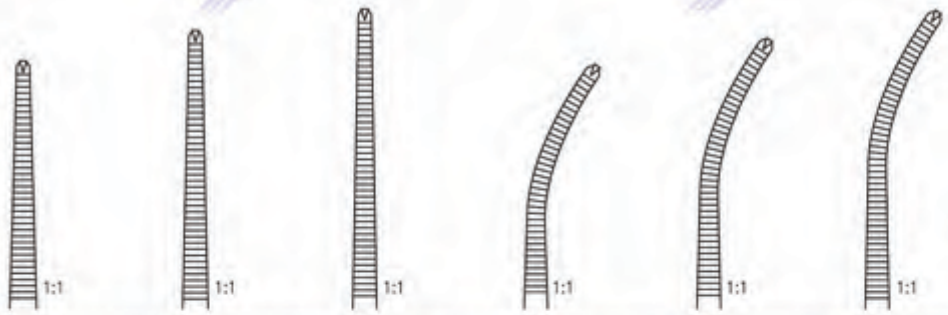
**PEAN-
FINO**



145 mm - 5 3/4"	165 mm - 6 1/2"	185 mm - 7 1/4"	140 mm - 5 1/2"	160 mm - 6 1/4"	180 mm - 7"
06-1089	06-1090	06-1091	06-1092	06-1093	06-1094



**KOCHER-
FINO**



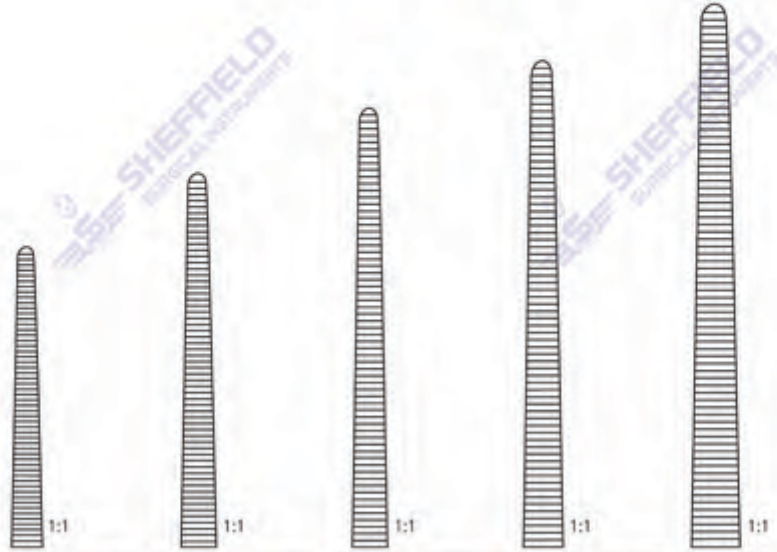
145 mm - 5 3/4"	165 mm - 6 1/2"	185 mm - 7 1/4"	145 mm - 5 3/4"	160 mm - 6 1/4"	180 mm - 7"
06-1095	06-1096	06-1097	06-1098	06-1099	06-1100

1x2 1x2 1x2 1x2 1x2 1x2

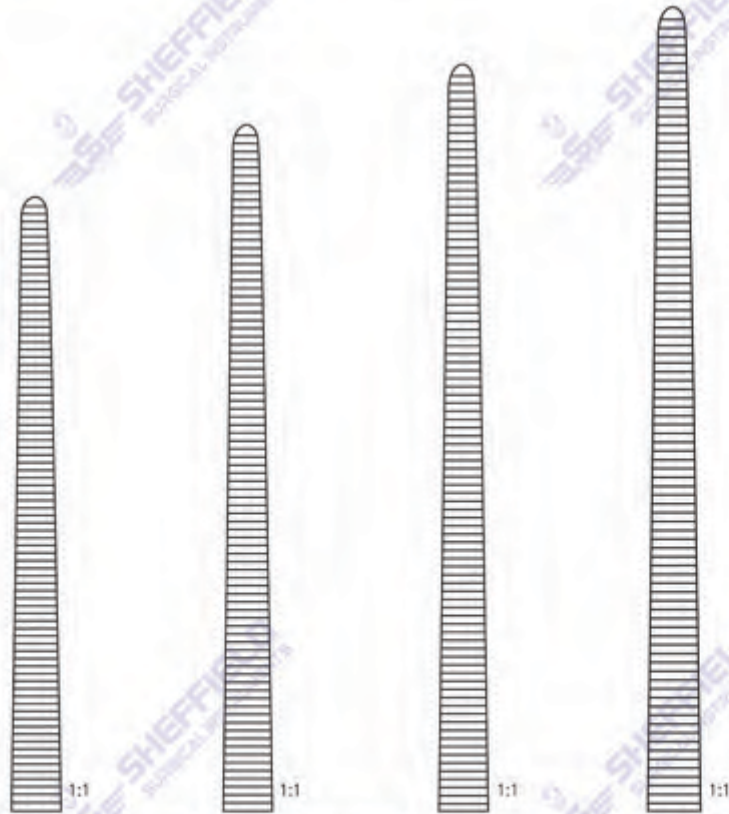
HAEMOSTATIC FORCEPS



**ROCHESTER-
PÉAN**



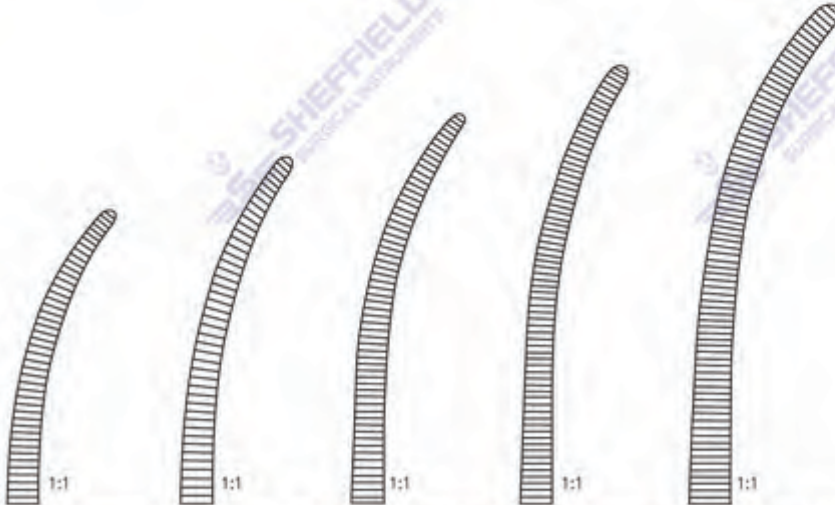
140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	220 mm - 8¾"
06-1101	06-1102	06-1103	06-1104	06-1105



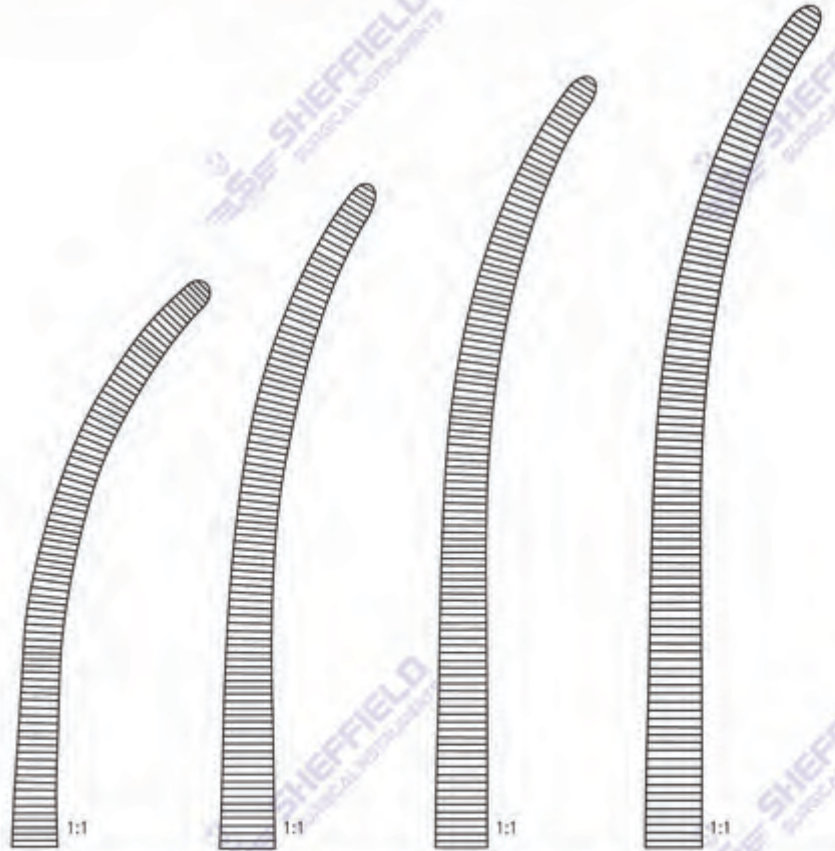
240 mm - 9½"	260 mm - 10¼"	300 mm - 12"	350 mm - 14"
06-1106	06-1107	06-1108	06-1109

HAEMOSTATIC FORCEPS

ROCHESTER-PÉAN



140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	220 mm - 8¾"
06-1110	06-1111	06-1112	06-1113	06-1114

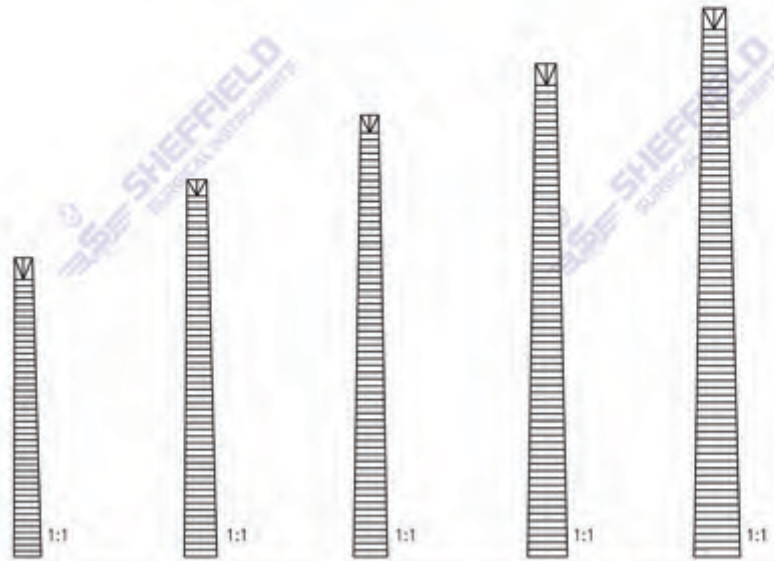


240 mm - 9½"	260 mm - 10¼"	300 mm - 12"	350 mm - 14"
06-1115	06-1116	06-1117	06-1118

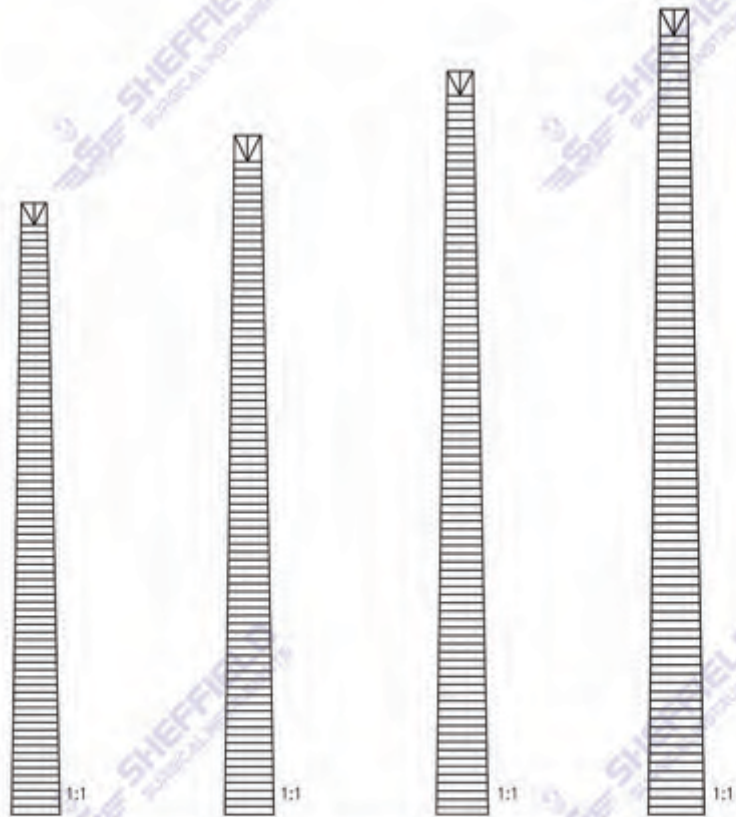
HAEMOSTATIC FORCEPS



OCHSNER-KOCHER



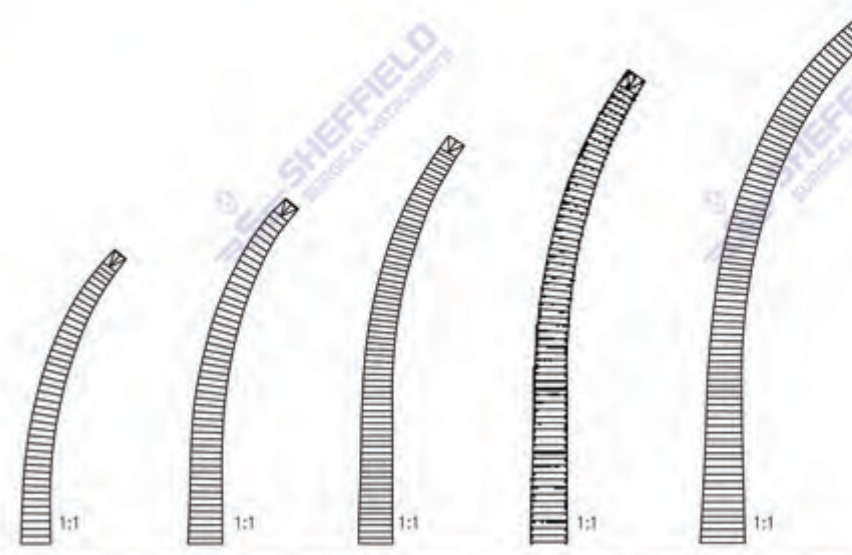
140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	220 mm - 8¾"
06-1119	06-1120	06-1121	06-1122	06-1123
1x2	1x2	1x2	1x2	1x2



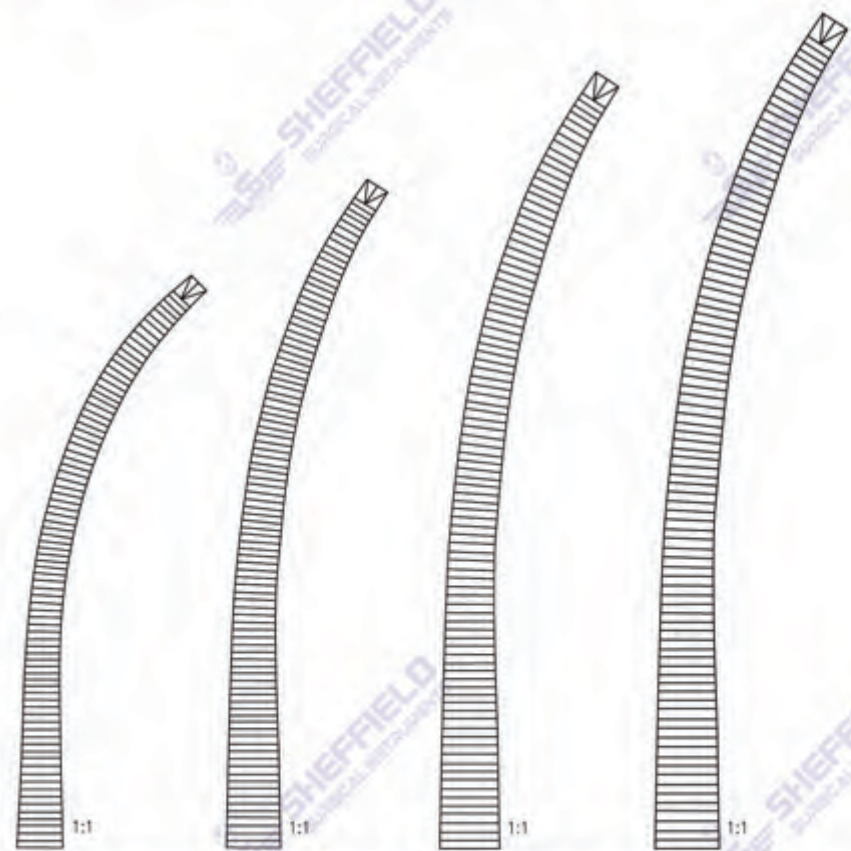
240 mm - 9½"	260 mm - 10¼"	300 mm - 12"	350 mm - 14"
06-1124	06-1125	06-1126	06-1127
1x2	1x2	1x2	1x2

HAEMOSTATIC FORCEPS

OCHSNER-KOCHER



140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	220 mm - 8¾"
06-1128	06-1129	06-1130	06-1131	06-1132
1x2	1x2	1x2	1x2	1x2



240 mm - 9½"	260 mm - 10¼"	300 mm - 12"	350 mm - 14"
06-1133	06-1134	06-1135	06-1136
1x2	1x2	1x2	1x2

HAEMOSTATIC FORCEPS



BIRKET

190 mm - 7 1/2"



1:1



1:1

06-1137	06-1138
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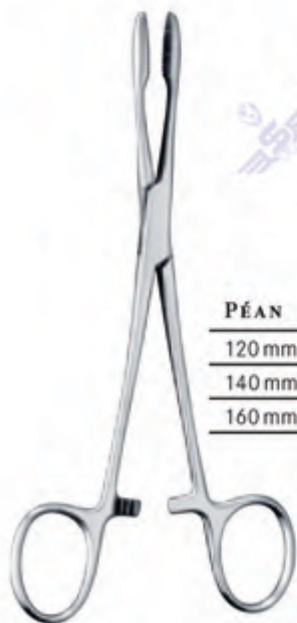
BAINBRIDGE

150 mm - 6"



06-1139	06-1140
06-1141	06-1142

HAEMOSTATIC FORCEPS



PÉAN

120 mm - 4¾"	06-1143
140 mm - 5½"	06-1144
160 mm - 6¼"	06-1145



ROCHESTER-CARMALT

160 mm - 6¼"	06-1146	06-1148
200 mm - 8"	06-1147	06-1149



HAEMOSTATIC FORCEPS



CHAPUT

130 mm - 5"

06-1150



TUFFIER

130 mm - 5"

06-1151



PENNINGTON

155 mm - 6"

06-1152

200 mm - 8"

06-1153



COLLIN

140 mm - 5½"

06-1154



PRATT

150 mm - 6"

06-1155



MARTEL

140 mm - 5½"

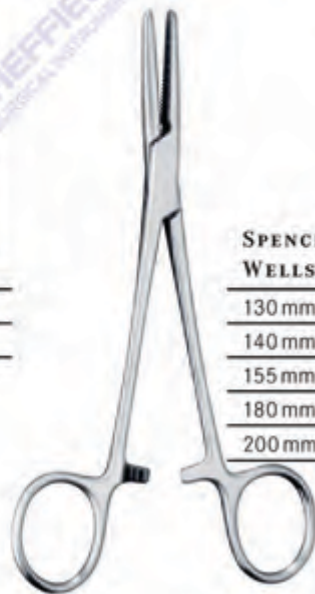
06-1156

HAEMOSTATIC FORCEPS



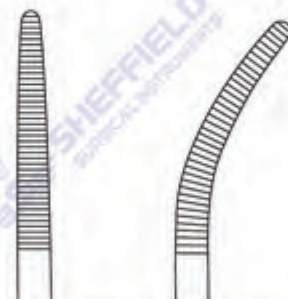
FERGUSSON

160 mm - 6 1/4"	06-1157
200 mm - 8"	06-1158



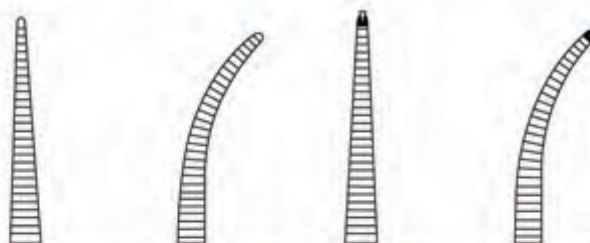
SPENCER-WELLS

130 mm - 5"	06-1159	06-1164
140 mm - 5 1/2"	06-1160	06-1165
155 mm - 6"	06-1161	06-1166
180 mm - 7"	06-1162	06-1167
200 mm - 8"	06-1163	06-1168



HALSTED-MOSQUITO

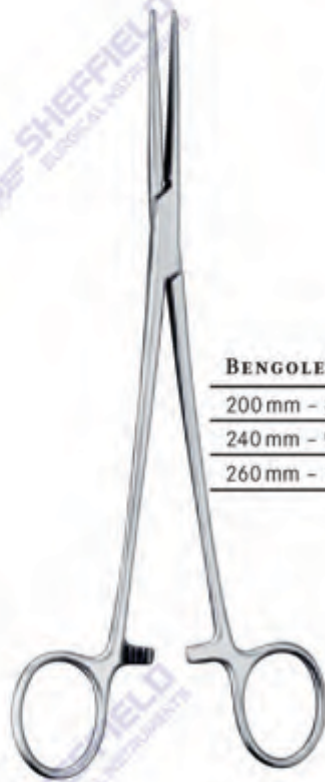
180 mm - 7"	06-1169	06-1171	06-1173	06-1175
210 mm - 8 1/4"	06-1170	06-1172	06-1174	06-1176



1x2

1x2

HAEMOSTATIC FORCEPS



BENGOLEA

200 mm - 8"	06-1177	06-1180	06-1183	06-1186
240 mm - 9 1/2"	06-1178	06-1181	06-1184	06-1187
260 mm - 10 1/4"	06-1179	06-1182	06-1185	06-1188

1x2

1x2



ADSON

185 mm - 7 1/4"	06-1189	06-1190	06-1191	06-1192
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1x2

1x2

HAEMOSTATIC FORCEPS



HEISS

200 mm - 8"



1:1

06-1193



1:1

06-1194



1:1

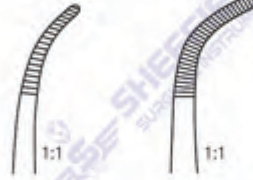
06-1195

HAEMOSTATIC FORCEPS



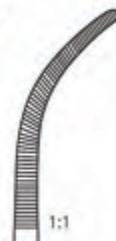
BABY-MIXER

140 mm - 5½"	06-1196	
180 mm - 7"		06-1197



BABY-OVERHOLT

135 mm - 5¼"	06-1200
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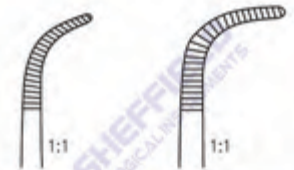


1:2



BABY-ADSON




140 mm - 5½"	06-1198	
180 mm - 7"		06-1199









HAEMOSTATIC FORCEPS



KELLY-FRASER

		
Fig. 1	Fig. 1	Fig. 1
195 mm - 7 $\frac{3}{4}$ "	225 mm - 8 $\frac{3}{4}$ "	245 mm - 9 $\frac{3}{4}$ "
06-1201	06-1202	06-1203

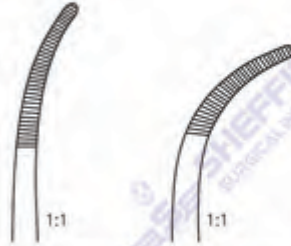
		
Fig. 2	Fig. 2	Fig. 2
190 mm - 7 $\frac{1}{2}$ "	220 mm - 8 $\frac{3}{4}$ "	240 mm - 9 $\frac{1}{2}$ "
06-1204	06-1205	06-1206

		
Fig. 3	Fig. 3	Fig. 3
185 mm - 7 $\frac{1}{4}$ "	215 mm - 8 $\frac{1}{2}$ "	235 mm - 9 $\frac{1}{4}$ "
06-1207	06-1208	06-1209

HAEMOSTATIC FORCEPS



SCHNIDT
190 mm - 7 1/2" **06-1210** **06-1211**



NISSEN
190 mm - 7 1/2" **06-1212**



TOENNIS
210 mm - 8 1/4" **06-1213** **06-1215** **06-1217** **06-1219**
260 mm - 10 1/4" **06-1214** **06-1216** **06-1218** **06-1220**



1x2

1x2

HAEMOSTATIC FORCEPS



DISSECTING & LIGATURE FORCEPS



**OVERHOLT-
GEISSENDOERFER**

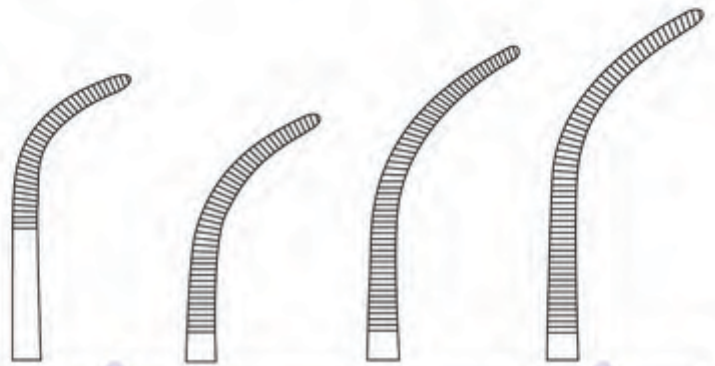


	Fig. 0	Fig. 1	Fig. 2	Fig. 3
210 mm - 8 1/4"	06-1229	06-1231	06-1233	06-1235
270 mm - 10 3/4"	06-1230	06-1232	06-1234	06-1236

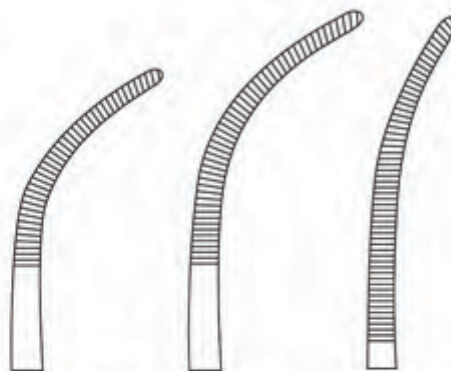


	Fig. 4	Fig. 5	Fig. 6
210 mm - 8 1/4"	06-1237	06-1239	06-1241
270 mm - 10 3/4"	06-1238	06-1240	06-1242

DISSECTING & LIGATURE FORCEPS



OVERHOLT-FINO

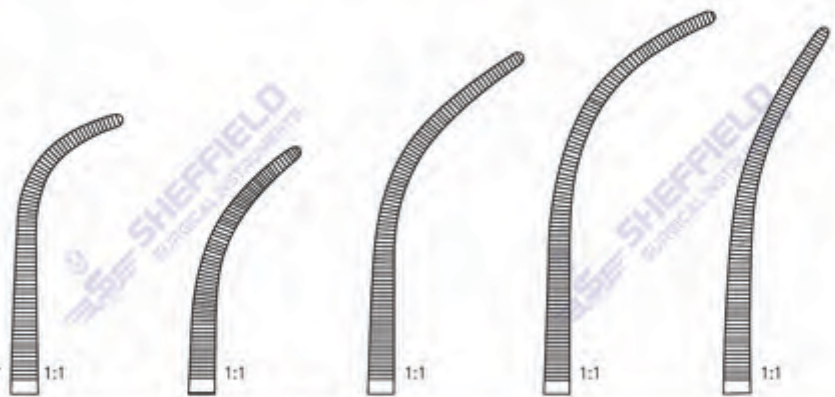


Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 6
215 mm - 8 1/2"	210 mm - 8 1/4"	220 mm - 8 3/4"	230 mm - 9"	225 mm - 8 3/4"
06-1243	06-1244	06-1245	06-1246	06-1247



OVERHOLT

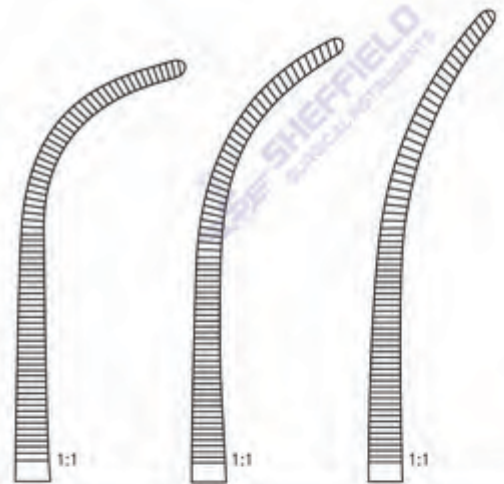
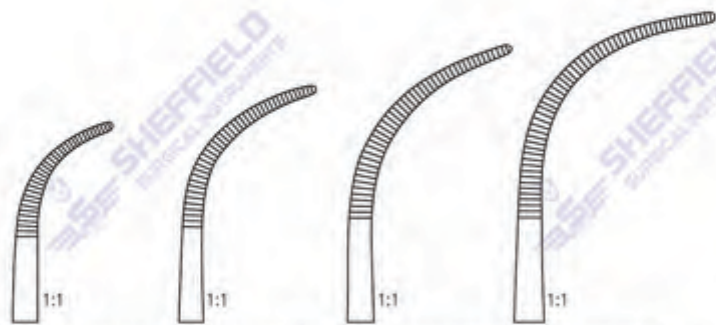


Fig. 0	Fig. 1	Fig. 6
295 mm - 8 1/2"	295 mm - 8 1/2"	300 mm - 8 3/4"
06-1248	06-1249	06-1250

DISSECTING & LIGATURE FORCEPS



**OVERHOLT-
MODIFIZIERT**



185 mm - 7 1/4"	205 mm - 8"	210 mm - 8 1/4"	215 mm - 8 1/2"
06-1251	06-1252	06-1253	06-1254

S-förmig gebogen
S-curved
 courbe en S
 curva en S
 curve a forma di S

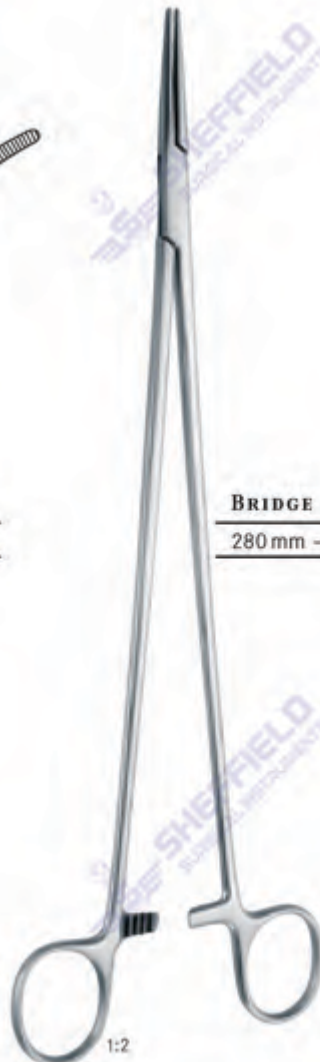


**OVERHOLT-
MIXTER**

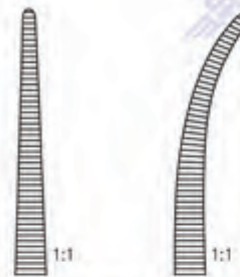


210 mm - 8 1/4"	06-1255
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1:2



BRIDGE



280 mm - 11"	06-1256	06-1257
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1:2

DISSECTING & LIGATURE FORCEPS



GEMINI

130 mm - 5"	160 mm - 6 1/2"	180 mm - 7"	200 mm - 8"	230 mm - 9"	250 mm - 9 3/4"	280 mm - 11"	350 mm - 14"
06-1258	06-1259	06-1260	06-1261	06-1262	06-1263	06-1264	06-1265



MINI-GEMINI



180 mm - 7"	220 mm - 8 3/4"	250 mm - 9 3/4"	280 mm - 11"
06-1266	06-1267	06-1268	06-1269

DISSECTING & LIGATURE FORCEPS

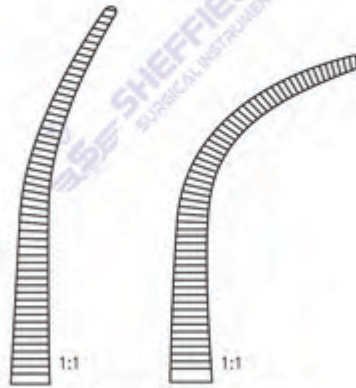


ZENKER

295 mm - 11½"

06-1270

06-1271

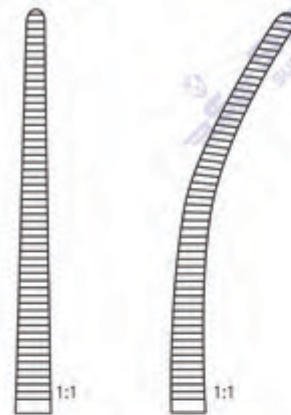


ROBERTS

220 mm - 8¾"

06-1272

06-1273



DISSECTING & LIGATURE FORCEPS



MIXTER

155 mm - 6"	06-1274
190 mm - 7½"	06-1275



KANTROWITZ

190 mm - 7½"	06-1276
240 mm - 9½"	06-1277
265 mm - 10½"	06-1278



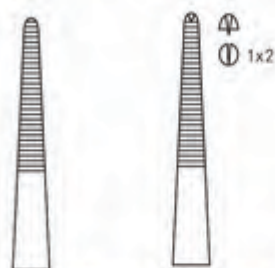
MIXTER

220 mm - 8¾"	06-1279
350 mm - 14"	06-1280



FICKLING

180 mm - 7"	06-1281	06-1282
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DISSECTING & LIGATURE FORCEPS



MIXTER

230 mm - 9"

06-1283



JOHNS-HOPKINS

200 mm - 8"

06-1284



O'SHAUGHNESSY



150 mm - 6"

180 mm - 7"

200 mm - 8"

230 mm - 9"

06-1285

06-1286

06-1287

06-1288

DISSECTING & LIGATURE FORCEPS



**MIXTER-
O'SHAUGNESSY**

190 mm - 7 1/2"	06-1289
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WICKSTRÖM

210 mm - 8 1/4"	06-1290
240 mm - 9 1/2"	06-1291



CRAFOORD

180 mm - 7"	06-1292
240 mm - 9 1/2"	06-1293



SAROT

240 mm - 9 1/2"	06-1294	06-1296
350 mm - 14"	06-1295	06-1297

DISSECTING & LIGATURE FORCEPS



**DEAN-
SHALLCROSS**

180 mm - 7"

1:1

06-1298



NEGUS

190 mm - 7 1/2"

1:1

1:1

06-1299

06-1300

KIDNEY PEDICLE & GALL DUCT FORCEPS



LOWER

180 mm - 7"

06-1301



1:1



LAHEY

190 mm - 7½"

06-1302

230 mm - 9"

06-1303



**MC QUIGG-
MIXTER**

220 mm - 8¾"

06-1304



1:1

KIDNEY PEDICLE & GALL DUCT FORCEPS



1:2

FINOCHIETTO

240 mm - 9 1/2" **06-1305**



1:1



1:2

MIXER

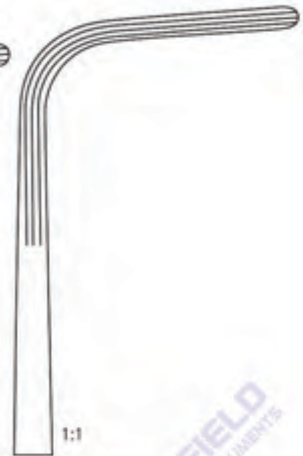
220 mm - 8 3/4"	250 mm - 9 3/4"	280 mm - 11"
06-1306	06-1307	06-1308



1:1



1:1

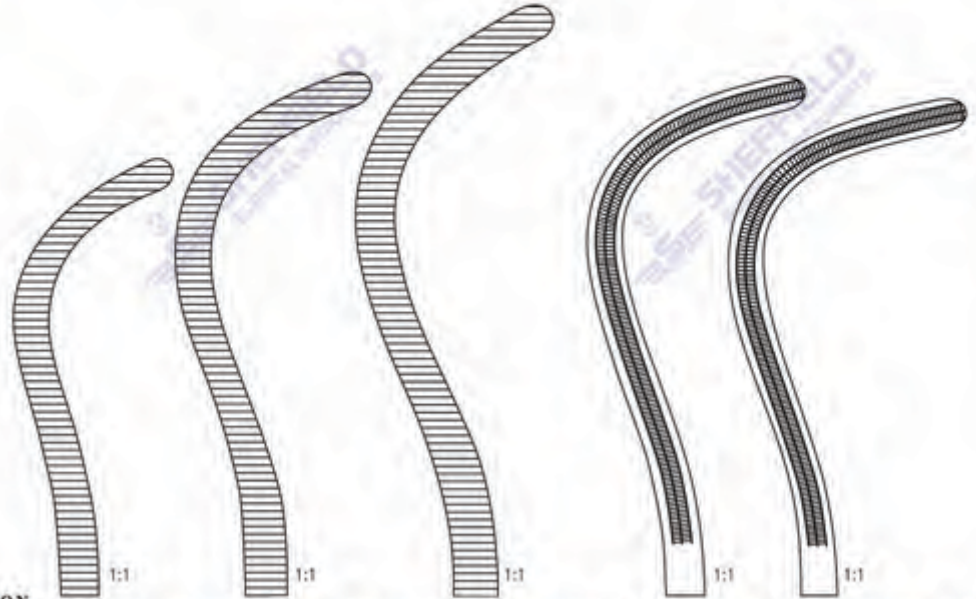


1:1

KIDNEY PEDICLE & GALL DUCT FORCEPS



GUYON



200 mm - 8"	220 mm - 8 ¼"	240 mm - 9 ½"	230 mm - 9"	230 mm - 9"
06-1309	06-1310	06-1311	06-1312	06-1313



GRAY

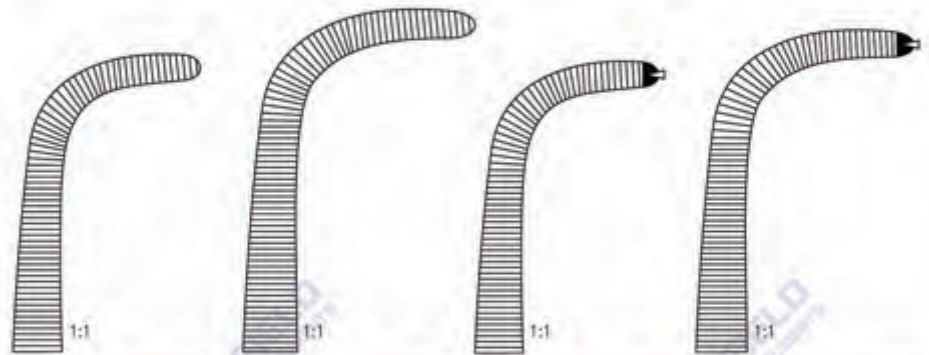
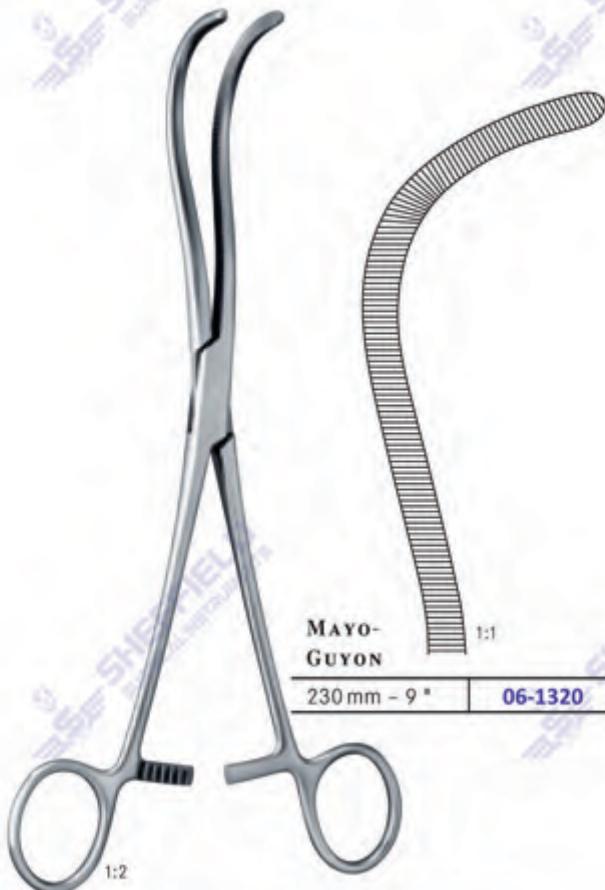
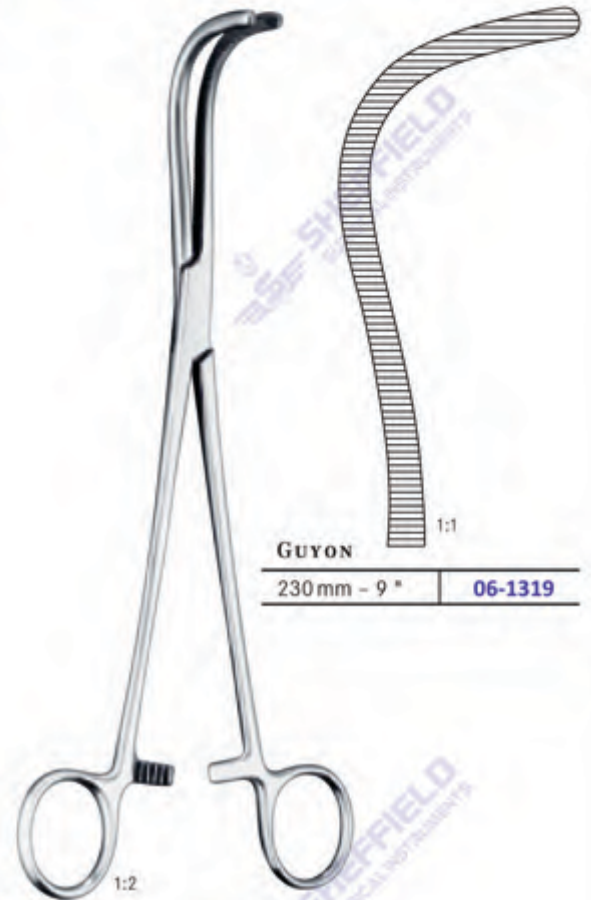


Fig. 1	Fig. 2	Fig. 1	Fig. 2
220 mm - 8 ¾"	230 mm - 9"	220 mm - 8 ¾"	230 mm - 9"
06-1314	06-1315	06-1316	06-1317

1x2

1x2

KIDNEY PEDICLE FORCEPS



CLAMP FORCEPS



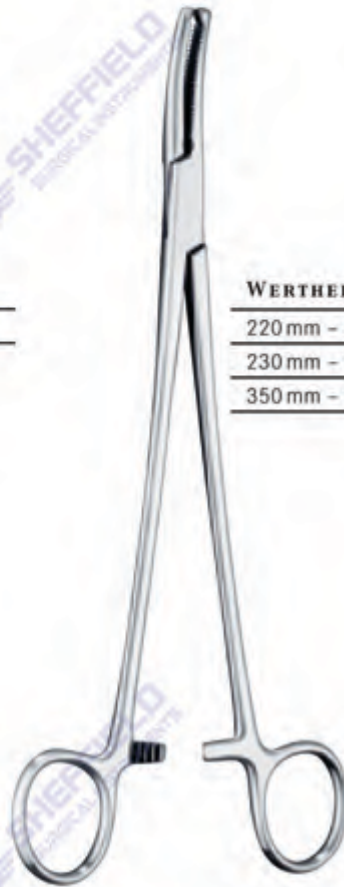
FAURE

200 mm - 8"	06-1321
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1x2



1:1



WERTHEIM

220 mm - 8 3/4"	06-1322
-----------------	----------------

230 mm - 9"	06-1323
-------------	----------------

350 mm - 14 1/2"	06-1324
------------------	----------------

1x2



DESJARDINS

200 mm - 8"	06-1325
-------------	----------------



DESJARDINS

200 mm - 8"	06-1326
-------------	----------------

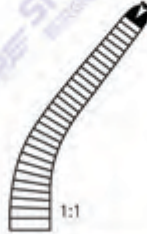


CLAMP FORCEPS



PHANEUF

215 mm - 8 1/2"	06-1327	06-1328
	1x2	1x2



SECOND-LANDAU

230 mm - 9"	06-1329	06-1330
-------------	----------------	----------------



MOYNIHAN

230 mm - 9"	240 mm - 9 1/2"
06-1331	06-1332



CLAMP FORCEPS



**BABY-
MIKULICZ**

140 mm - 4 1/2"	06-1333
-----------------	----------------



1:1

1x2



MIKULICZ

180 mm - 7"	06-1334
-------------	----------------



1:1



MIKULICZ

200 mm - 8"	06-1335
-------------	----------------



1:1

1:2



MIKULICZ

200 mm - 8"	06-1336
-------------	----------------



1:1

1x2

1:2

CLAMP FORCEPS



MAINGOT

205 mm - 8"	06-1337
250 mm - 9 3/4"	06-1338

1x2



WERTHEIM

250 mm - 9 3/4"	06-1339
-----------------	----------------

1:2

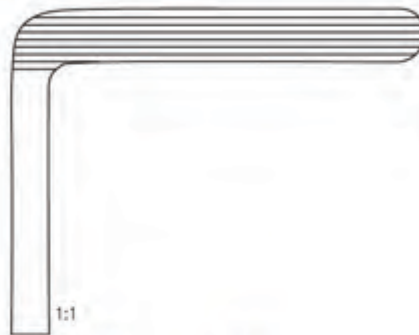
1:1



**WERTHEIM-
CULLEN**

215 mm - 8 1/2"	06-1340
-----------------	----------------

1:2



1:1

HYSTERECTOMY FORCEPS



HEANEY

210 mm - 8 1/4"

06-1341

06-1343

230 mm - 9"

06-1342

06-1344



HEANEY-REZEK

210 mm - 8 1/4"

06-1345



HEANEY-BALLANTINE

210 mm - 8 1/4"



1:1

1:1

06-1346

06-1347

HYSTERECTOMY FORCEPS



ROGERS

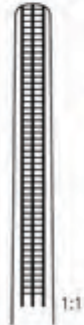


Fig. 1

220 mm - 8 $\frac{3}{4}$ "

06-1348



Fig. 2

215 mm - 8 $\frac{1}{2}$ "

06-1349



Fig. 3

210 mm - 8 $\frac{1}{4}$ "

06-1350

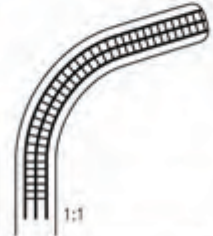


Fig. 4

205 mm - 8"

06-1351

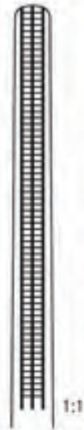


Fig. 1

250 mm - 9 $\frac{3}{4}$ "

06-1352



Fig. 2

250 mm - 9 $\frac{3}{4}$ "

06-1353



Fig. 3

245 mm - 9 $\frac{3}{4}$ "

06-1354

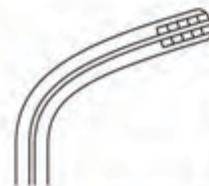


Fig. 4

230 mm - 9"

06-1355

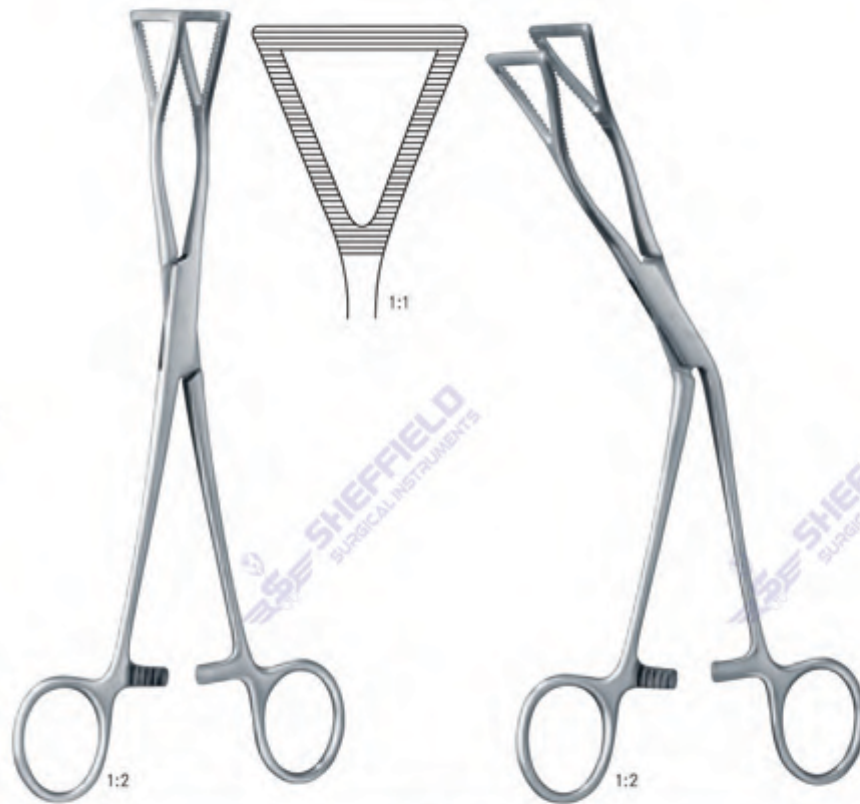
PARAMETERIUM FORCEPS



210 mm - 8 1/4"	06-1356	06-1360	06-1364	06-1368	06-1372
240 mm - 9 1/2"	06-1357	06-1361	06-1365	06-1369	06-1373
300 mm - 12"	06-1358	06-1362	06-1366	06-1370	06-1374
350 mm - 13 3/4"	06-1359	06-1363	06-1367	06-1371	06-1375

S-förmig gebogen
S-curved
coube en S
curva en S
curva a forma di S

LUNG GRASPING FORCEPS



LOVELACE

200 mm - 8"

06-1376

06-1377

BRONCHUS & VASCULAR CLAMPS



**PRICE-
THOMAS**

220 mm - 8 3/4" * **06-1378**



**PRICE-
THOMAS**

220 mm - 8 3/4" * **06-1379**

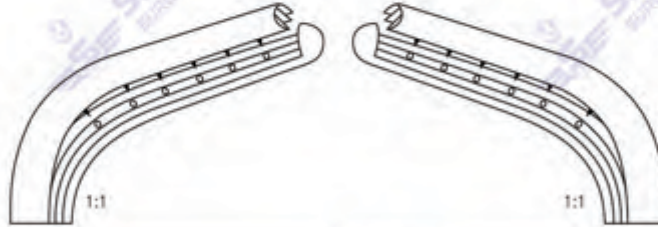


Stifte links
Pins left
Goupilles à gauche
Pernos izquierda
Perni a sinistra



Stifte rechts
Pins right
Goupilles à droit
Pernos derecha
Perni a destra

BRONCHUS & VASCULAR CLAMPS



SAROT

230 mm - 9"

06-1381

06-1382

Stifte links

Pins left

Goupilles à gauche

Pernos izquierda

Perni a sinistra

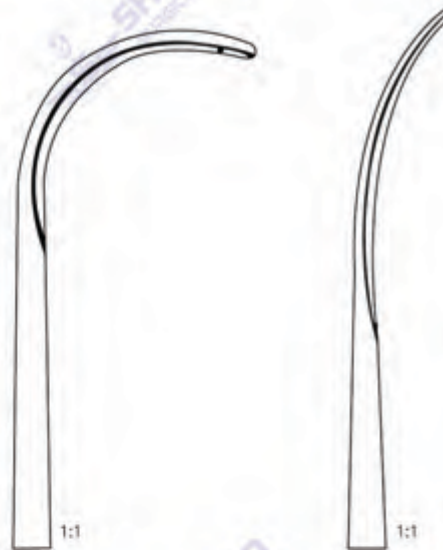
Stifte rechts

Pins right

Goupilles à droit

Pernos derecha

Perni a destra



SEMB

240 mm - 9 1/2"

06-1383

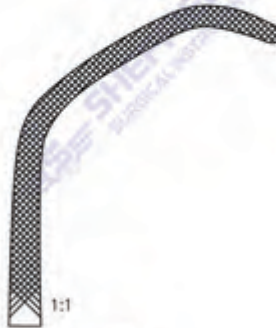
06-1384

BRONCHUS & VASCULAR CLAMPS



BABY-SATINSKY

150 mm - 6" **06-1385**



SATINSKY

265 mm - 10 1/2"

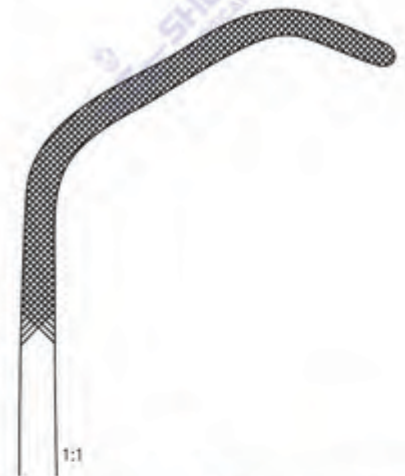
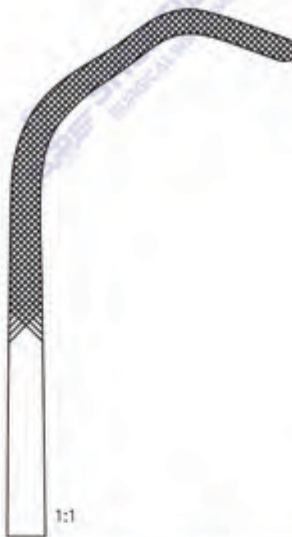


	Fig. 1	Fig. 1	Fig. 2	Fig. 2
	06-1386	06-1387	06-1388	06-1389

S-förmig gebogen
S-curved
courbe en S
curva en S
curva a forma di S

S-förmig gebogen
S-curved
courbe en S
curva en S
curva a forma di S

TOWEL FORCEPS



BERNHARD

100 mm - 4"	06-1390
120 mm - 4 3/4"	06-1391
140 mm - 5 1/2"	06-1392
165 mm - 6 1/2"	06-1393
180 mm - 7"	06-1394



BACKHAUS

90 mm - 3 1/2"	06-1395
110 mm - 4 1/4"	06-1396
130 mm - 5"	06-1397
150 mm - 6"	06-1398



ROEDER

130 mm - 5"	06-1399
150 mm - 6"	06-1400



110 mm - 4"	06-1401
-------------	----------------

mit Schlauchhalter
 with clip for tube
 avec porte-tuyeau
 con soporte de tubo
 con supporto per tubo

TOWEL FORCEPS



ROBIN

135 mm - 5 ¼"	06-1402
---------------	----------------

mit Schlauchhalter bis 5 mm Ø
with clip for tube up to 5 mm Ø
avec porte-tuyeau à 5 mm Ø
con soporte de tubo hasta 5 mm Ø
con supporto per tubo fino a 5 mm Ø



JONES

50 mm - 2"	06-1403
90 mm - 3 ½"	06-1404



SCHAEFFEL

90 mm - 3 ½"	06-1405
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DOYEN

180 mm - 7"	06-1406
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LORNA

100 mm - 4"	06-1407
130 mm - 5"	06-1408

TOWEL FORCEPS


LANE

130 mm - 5"	06-1409
150 mm - 6"	06-1410
200 mm - 8"	06-1411


TOHOKU-JAPAN

100 mm - 4"	06-1412
130 mm - 5"	06-1413


PEERS-BERTRAM

145 mm - 5 3/4"	06-1414
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90 mm - 3 1/2"	06-1415
115 mm - 4 1/2"	06-1416
130 mm - 5 1/4"	06-1417

für Papierabdeckung
 for paper clothes

pour couvertures en papier
 para paños de papel
 per copertura di carta

TUBING CLAMPS



150 mm - 6"	06-1418
160 mm - 6 1/4"	06-1419
190 mm - 7 1/2"	06-1420
240 mm - 9 1/2"	06-1421



150 mm - 6"	06-1422
160 mm - 6 1/4"	06-1423
190 mm - 7 1/2"	06-1424



165 mm - 6 1/2"	06-1425
180 mm - 7"	06-1426

mit Schutzbügel
with protection
avec protection
con protector
con protettore



KLINIKUM-
BERLIN

145 mm - 5 3/4"	06-1427	06-1428
-----------------	----------------	----------------

mit extra langer Sperre
with extra long ratchet
avec crémaillère extra longue
con cremallera extra larga
con cremagliera extra lunga



150 mm - 6"	06-1429
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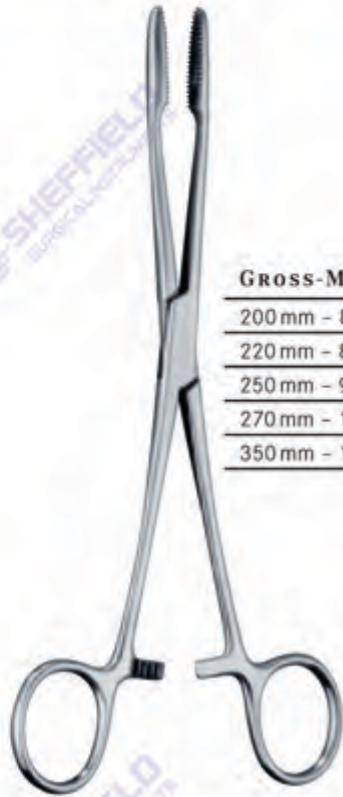
GUNNAR	
185 mm - 7 1/4"	06-1430

07

COTTON SWAP FORCEPS

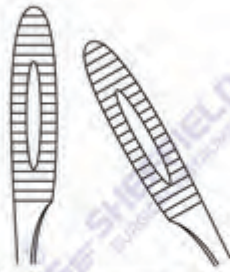


POLYPUS & DRESSING FORCEPS



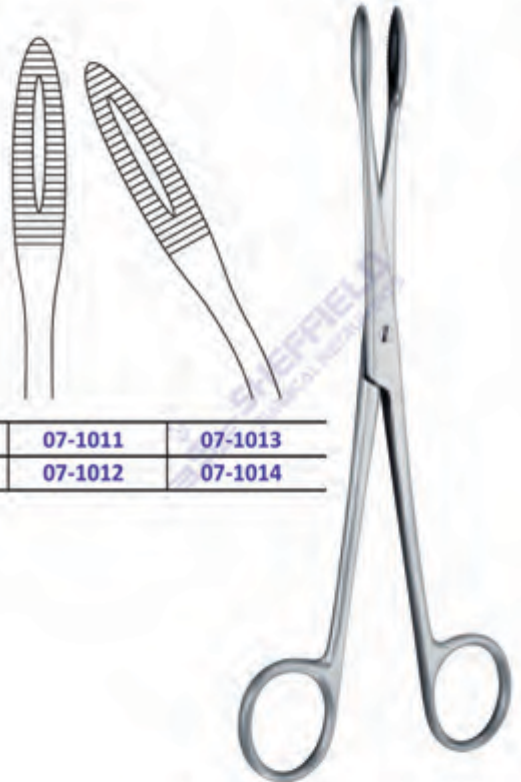
GROSS-MAIER

200 mm - 8"	07-1001	07-1006
220 mm - 8 3/4"	07-1002	07-1007
250 mm - 9 3/4"	07-1003	07-1008
270 mm - 10 3/4"	07-1004	07-1009
350 mm - 13 3/4"	07-1005	07-1010



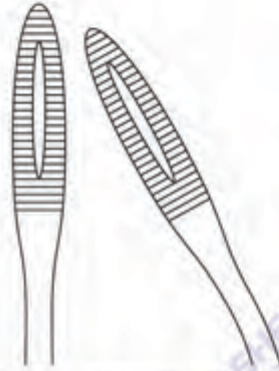
ULRICH

220 mm - 8 3/4"	07-1015	07-1019
250 mm - 9 3/4"	07-1016	07-1020
270 mm - 10 3/4"	07-1017	07-1021
350 mm - 14"	07-1018	07-1022



MAIER

200 mm - 8"	07-1011	07-1013
250 mm - 9 3/4"	07-1012	07-1014

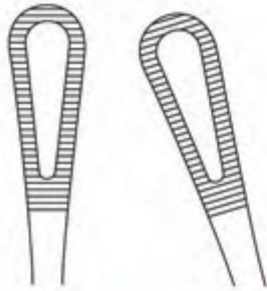


SPONGE HOLDING FORCEPS



RAMPLEY

180 mm - 7"	07-1023	
250 mm - 9 3/4"	07-1024	07-1025



COLLIN

250 mm - 9 3/4"	07-1026
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1:1

1:2

SPONGE HOLDING FORCEPS



SPONGE HOLDING FORCEPS



**FOERSTER
(BALLENGER)**

180 mm - 7"	07-1030	07-1032	07-1038	07-1040
200 mm - 8"		07-1033		07-1041
250 mm - 9 3/4"	07-1031	07-1034	07-1039	07-1042
300 mm - 12"		07-1035		
350 mm - 14"		07-1036		
400 mm - 16"		07-1037		

SPONGE HOLDING FORCEPS



BOZEMANN

260 mm - 10 1/4"

07-1043

S-förmig gebogen
S-curved
courbe en S
curva en S
curve a forma di S

1:2



**BOZEMANN-
DOUGLAS**

260 mm - 10 1/4"

07-1044

S-förmig gebogen
S-curved
courbe en S
curva en S
curve a forma di S

1:2



POLYPUS & DRESSING FORCEPS & SPONGE HOLDING FORCEPS



1:1

PELKMAN

250 mm - 9 3/4"

07-1045

1:2



MARTIN

170 mm - 6 3/4"

07-1046

07-1048

255 mm - 10"

07-1047

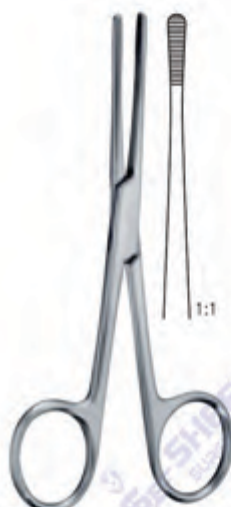
07-1049

POLYPUS & DRESSING FORCEPS & SPONGE HOLDING FORCEPS



BRYANT

130 mm - 5"	07-1050
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**LISTER
(SINUS)**

130 mm - 5"	07-1051
160 mm - 6 1/4"	07-1052
180 mm - 7"	07-1053

Sinusklemmen
Sinus forceps
Pincès à sinus
Pinza para el sinus
Pinze per seni



DUPLAY

200 mm - 8"	07-1054	07-1055
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08

RETRACTORS



NASAL HOOKS



1:2

KILNER
150 mm - 6"
08-1001



1:2

JOSEPH
150 mm - 6"
08-1002



1:2

LANGE
220 mm - 8 3/4"
08-1003



1:2

COTTLE
160 mm - 6 1/4"
08-1004



1:2

FOMON
170 mm - 6 3/4"
08-1005



1:2

COTTLE
150 mm - 6"



1:1

08-1006



1:1

08-1007



1:1

08-1008

NASAL HOOKS


ITERSON

160 mm - 6 1/4"


 scharf
sharp
 pointu
agudo
 acuto

 stumpf
blunt
 mousse
romo
 smusso

1:1

1:1

08-1009
08-1010

1:2


GILLIES

180 mm - 7"



Fig. 1

08-1011


Fig. 2

08-1012

1:1

1:1

1:2


JOSEPH

160 mm - 6 1/4"



1:1

2 mm

08-1013

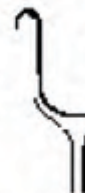

1:1

5 mm

08-1014


1:1

7 mm

08-1015


1:1

10 mm

08-1016

1:2

NASAL HOOKS



**COTTLE-
NEIVERT**

200 mm - 8"

08-1017

1:2



FOMON

160 mm - 6 1/4"

08-1018

1:2



COTTLE

150 mm - 6"

08-1019

08-1020

08-1021

1:2



NEIVERT

160 mm - 6 1/4"

08-1022

1:2

TRACHEA & NOSE RETRACTORS



COTTLE

150 mm - 6"

08-1023

08-1024



1:2

KILNER

100 mm - 4"

08-1025



1:2

CONVERSE

120 mm - 4 3/4"

08-1026



LUKENS

170 mm - 6 2/3"

08-1027

stumpf
blunt
mousse
romo
smusso

1:2



1:2

AUFRICHT

160 mm - 7 1/4"

08-1028

190 mm - 7 1/2"

08-1029



1:2

AUFRICHT

160 mm - 7 1/4"

08-1030

190 mm - 7 1/2"

08-1031

TRACHEA RETRACTORS



JACKSON

170 mm - 6 $\frac{2}{3}$ "

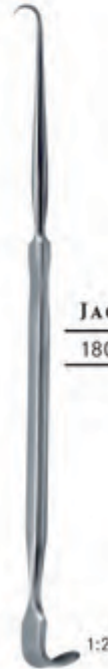
08-1032



JACKSON

150 mm - 6"

08-1033



JACKSON

180 mm - 7"

08-1034

08-1035

stumpf

scharf

blunt

sharp

mousse

pointu

romo

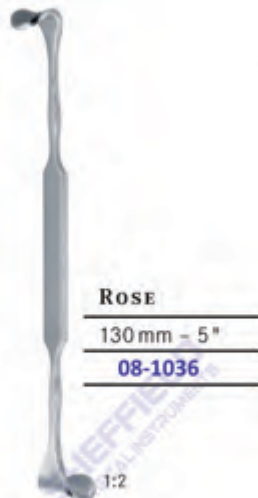
agudo

smusso

acuto

Wundhaken
Retractors

Ecarteurs
Separadores
Divaricatori



ROSE

130 mm - 5"

08-1036



LUER

110 mm - 4 $\frac{1}{4}$ "

08-1037

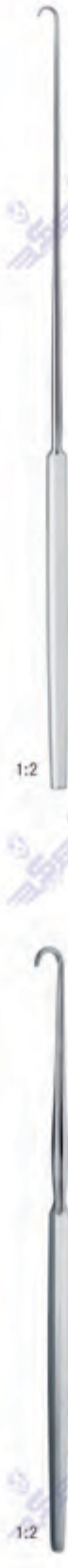


SCHOENBORN

210 mm - 8 $\frac{1}{4}$ "

08-1038

RETRACTORS



EMMET

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
220 mm - 8 $\frac{3}{4}$ "	08-1039	08-1040	08-1041	08-1042	08-1043

160 mm - 6 $\frac{1}{4}$ "	08-1044	08-1045	08-1046	08-1047
----------------------------	----------------	----------------	----------------	----------------

scharf
sharp
pointu
agudo
acuto

160 mm - 6 $\frac{1}{4}$ "	08-1048	08-1049	08-1050	08-1051
----------------------------	----------------	----------------	----------------	----------------

stumpf
blunt
mousse
romo
smusso

RETRACTORS



1:2



160 mm - 6 1/4"

08-1052

08-1053

08-1054

flexibel, scharf
flexible, sharp

flexible, pointu
flexible, agudo
flessibile, acuto



160 mm - 6 1/4"

08-1055

08-1056

08-1057

flexibel, stumpf
flexible, blunt

flexible, mousse
flexible, romo
flessibile, smusso



BARSKY

155 mm - 6"

08-1058



1:2

1:1



DESMARRES

x = 8 mm

x = 10 mm

x = 12 mm

160 mm - 6 1/4"

08-1059

08-1060

08-1061



x = 14 mm

x = 16 mm

x = 18 mm

160 mm - 6 1/4"

08-1062

08-1063

08-1064



1:2

**KNAPP
(ROLLET)**

160 mm - 6 1/4"

08-1065

flexibel, scharf
flexible, sharp

flexible, pointu
flexible, agudo
flessibile, acuto

RETRACTORS

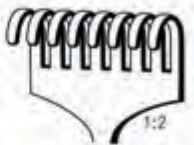
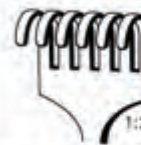

MINI-LANGENBECK


	10 mm x 6 mm	17 mm x 5 mm	20 mm x 6 mm	22 mm x 8 mm
160 mm - 6 $\frac{1}{4}$ "	08-1066	08-1067	08-1068	08-1069


KOCHER

220 mm - 8 $\frac{3}{4}$ "	08-1070	08-1071	08-1072	08-1073	08-1074	08-1075
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scharf
 sharp
 pointu
 agudo
 acuto



220 mm - 8 $\frac{3}{4}$ "	08-1076	08-1077	08-1078	08-1079	08-1080	08-1081
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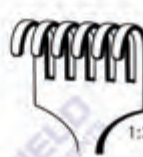







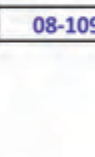
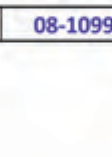
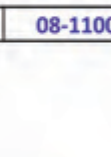
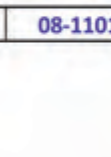
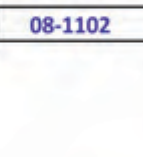
stumpf
 blunt
 mousse
 romo
 smusso



220 mm - 8 $\frac{3}{4}$ "	08-1082	08-1083	08-1084	08-1085	08-1086	08-1087
----------------------------	----------------	----------------	----------------	----------------	----------------	----------------

halbscharf
 semi-sharp
 semi-pointu
 semi-agudo
 semi-acuto

RETRACTORS

						
	VOLKMANN					
	215 mm - 8½"					
	<p>scharf <i>sharp</i> pointu <i>agudo</i> acuto</p>					
						
215 mm - 8½"						
<p>stumpf <i>blunt</i> mousse <i>romo</i> smusso</p>						
						
215 mm - 8½"						
<p>halbscharf <i>semi-sharp</i> semi-pointu <i>semi-agudo</i> semi-acuto</p>						
						
215 mm - 8½"						
<p>halbscharf <i>semi-sharp</i> semi-pointu <i>semi-agudo</i> semi-acuto</p>						

RETRACTORS



VOLKMANN

215 mm - 8½"

08-1103

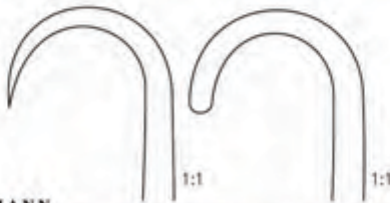
08-1104

scharf
sharp

pointu
agudo
acuto

stumpf
blunt

mousse
romo
smusso



SENN-MILLER

160 mm - 6¼"

08-1105

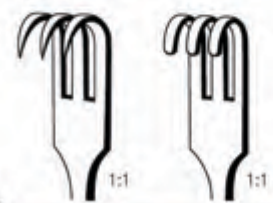
08-1106

scharf
sharp

pointu
agudo
acuto

stumpf
blunt

mousse
romo
smusso



VOLKMANN

215 mm - 8½"

08-1107

scharf
sharp

pointu
agudo
acuto



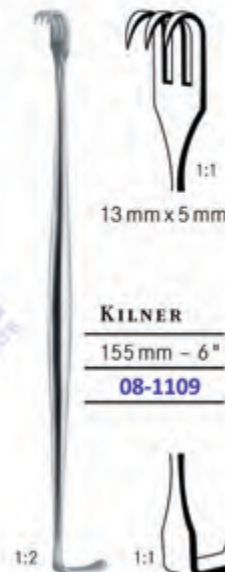
VOLKMANN

245 mm - 8½"

08-1108

scharf
sharp

pointu
agudo
acuto



KILNER

155 mm - 6"

08-1109

13 mm x 5 mm

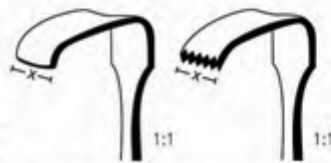


RETRACTORS



STRANDELL-STILLE

	20 mm x 6 mm	20 mm x 6 mm
190 mm - 7½"	08-1110	08-1111

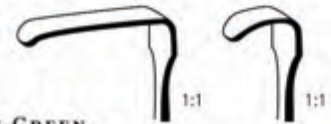


gezahnt
saw edge
dentelé
dentado
dentato



SENN-GREEN

	20 mm x 6 mm	10 mm x 6 mm
150 mm - 6"	08-1112	08-1113



RAGNELL-DAVIS

140 mm - 5½"	08-1114
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15 mm x 5,5 mm

8 mm x 4 mm



COTTLE

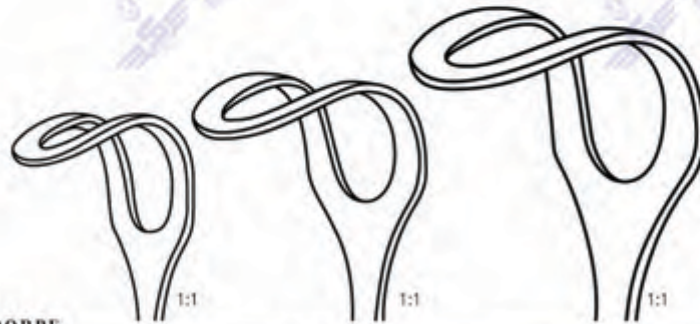
150 mm - 6"	08-1115
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CRILE

110 mm - 4¼"	08-1116
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RETRACTORS



MIDDELDORPF

14 mm x 17 mm	20 mm x 22 mm	26 mm x 30 mm
215 mm - 8½"	220 mm - 8¾"	235 mm - 9¼"
08-1117	08-1118	08-1119



MEYERDING

18 mm x 7 mm	10 mm x 3 mm
180 mm - 7"	08-1120
	08-1121



16 mm x 5 mm	7 mm x 4 mm
180 mm - 7"	08-1122
	08-1123



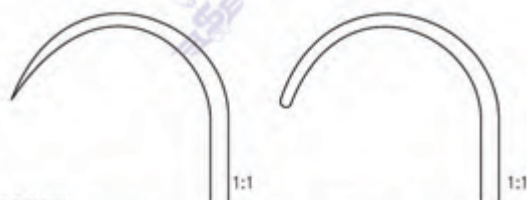
10 mm x 4 mm	7 mm x 4 mm
180 mm - 7"	08-1124
	08-1125

1:2

RETRACTORS



1:2



KOERTE

	26 mm x 40 mm	26 mm x 40 mm
235 mm - 9 1/4"	08-1126	08-1127

scharf
sharp
pointu
agudo
acuto

stumpf
blunt
mousse
romo
smusso

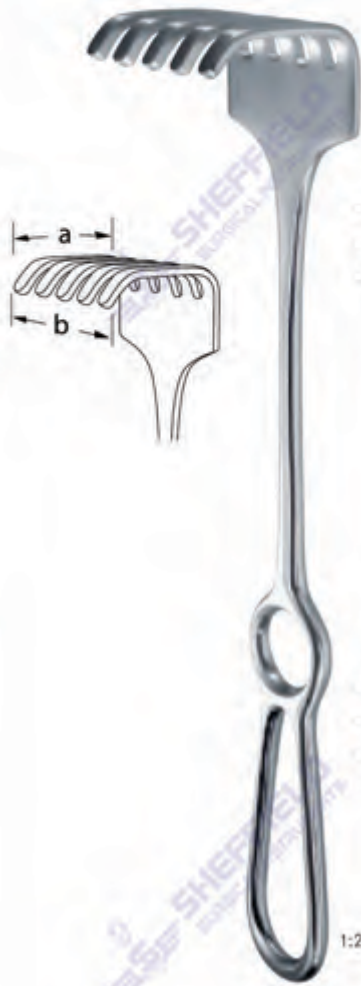


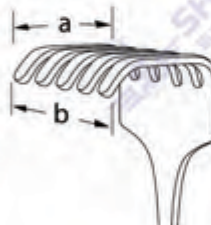




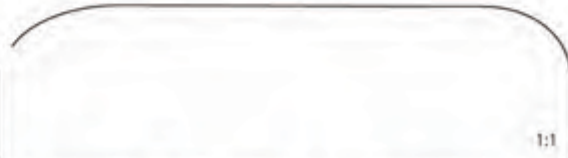
1:2

GREEN

	215 mm - 8 1/2"
	08-1128

RETRACTORS



ISRAEL		
		
		
	1:1	1:1
	a = 40 mm - b = 40 mm	a = 45 mm - b = 50 mm
250 mm - 9 3/4"*	08-1129	08-1130
	4 Zähne 4 Teeth 4 Dents 4 Dientes 4 Denti	5 Zähne 5 Teeth 5 Dents 5 Dientes 5 Denti
		
	1:1	1:1
	a = 50 mm - b = 60 mm	a = 70 mm - b = 70 mm
250 mm - 9 3/4"*	08-1131	08-1132
	6 Zähne 6 Teeth 6 Dents 6 Dientes 6 Denti	6 Zähne 6 Teeth 6 Dents 6 Dientes 6 Denti



LANGENBECK			
			
	1:1	1:1	1:1
	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
220 mm - 8 3/4"*	08-1133	08-1134	08-1135
			
	1:1	1:1	
	Fig. 4	Fig. 5	
	40 mm x 11 mm	50 mm x 11 mm	
220 mm - 8 3/4"*	08-1136	08-1137	

RETRACTORS



LANGENBECK



	Fig. 1	Fig. 2	Fig. 3
	30 mm x 11 mm	30 mm x 14 mm	30 mm x 16 mm
210 mm - 8 1/4"	08-1138	08-1139	08-1140



	Fig. 4	Fig. 5
	40 mm x 11 mm	50 mm x 11 mm
210 mm - 8 1/4"	08-1141	08-1142

1:2



**KOCHER-LANGENBECK
(OBWEGESER)**



	25 mm x 7 mm	35 mm x 8 mm	35 mm x 11 mm	35 mm x 15 mm
215 mm - 8 1/2"	08-1143	08-1144	08-1145	08-1146



	42 mm x 10 mm	55 mm x 12 mm	70 mm x 14 mm
215 mm - 8 1/2"	08-1147	08-1148	08-1149



	80 mm x 12 mm	80 mm x 16 mm
215 mm - 8 1/2"	08-1150	08-1151

1:2

RETRACTORS


CUSHING

	x = 8 mm	x = 10 mm	x = 12 mm	x = 14 mm	x = 16 mm	x = 18 mm
200 mm - 8"	08-1152	08-1154	08-1156	08-1158	08-1160	08-1162
240 mm - 9½"	08-1153	08-1155	08-1157	08-1159	08-1161	08-1163


OBWEGESER

	42 mm x 13 mm	60 mm x 12 mm
220 mm - 8¾"	08-1164	08-1165



	80 mm x 16 mm
220 mm - 8¾"	08-1166

RETRACTORS



OBWEGESER

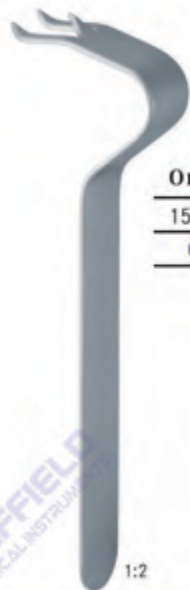
220 mm - 8 3/4"

44 mm x 9,5 mm

08-1167

70 mm x 11,5 mm

08-1168



OBWEGESER

155 mm - 6"

08-1169



OBWEGESER

160 mm - 6 1/4"

x = 8 mm

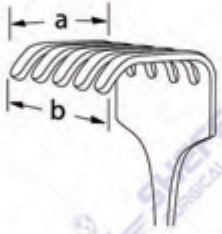
08-1170

x = 10 mm

08-1171

biegsam
malleable
malléable
maleable
flessibile

RETRACTORS



OLLIER

	a = 36 mm - b = 30 mm	a = 36 mm - b = 60 mm
225 mm - 8 3/4"	08-1172	08-1173



KOCHER

	55 mm x 11 mm	40 mm x 12 mm
210 mm - 8 1/4"	08-1174	08-1175

RETRACTORS



LANGENBECK	
	60 mm x 20 mm
210 mm - 8 1/4"	08-1176

1:2



LANGENBECK	
	85 mm x 15 mm
210 mm - 8 1/4"	08-1177


1:2

Griff vertikal zum Blatt
Handle vertical to the blade
Poignée verticale à la lame
Mango vertical a la hoja
Manico verticale verso la lama

RETRACTORS

SAUERBRUCH

	45 mm x 15 mm	75 mm x 20 mm
225 mm - 8 3/4"	08-1179	08-1180



	60 mm x 23 mm
220 mm - 8 3/4"	08-1181



LAHEY

190 mm - 7 1/2"
28 mm x 6 mm
08-1178



KOCHER

	19 mm x 12 mm	21 mm x 14 mm
190 mm - 7 1/2"	08-1182	08-1183

KOCHER

	40 mm x 10 mm	40 mm x 15 mm	40 mm x 20 mm
220 cm - 8 3/4"	08-1184	08-1185	08-1186



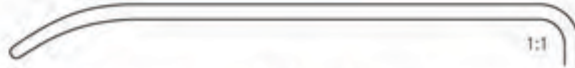
RETRACTORS

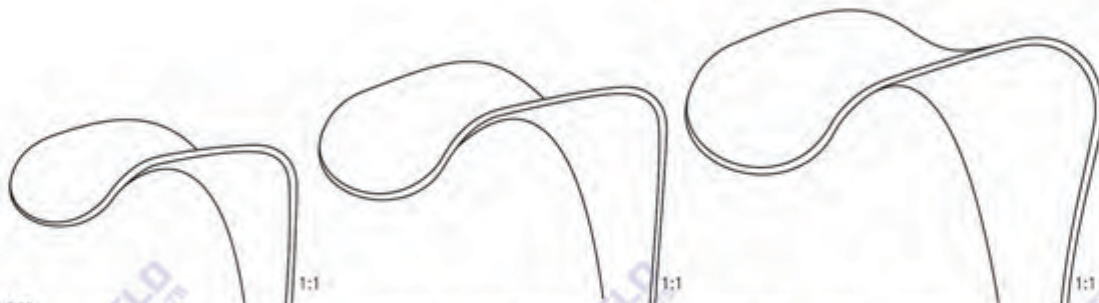


KOCHER

	 1:1	 1:1
	40 mm x 18 mm	60 mm x 20 mm
230 mm - 9°	08-1187	08-1188

	 1:1	 1:1
	60 mm x 25 mm	75 mm x 30 mm
230 mm - 9°	08-1189	08-1190

	 1:1
	75 mm x 40 mm
230 mm - 9°	08-1191



RICHARDSON

	28 mm x 20 mm	36 mm x 28 mm	44 mm x 38 mm
240 mm - 9½°	08-1192	08-1193	08-1194



RETRACTORS



RICHARDSON-EASTMAN

	Fig. 1	Fig. 2
	280 mm - 11"	260 mm - 10 1/4"
	49 mm x 38 mm	36 mm x 28 mm
	63 mm x 49 mm	28 mm x 20 mm
08-1195	x	
08-1196		x
08-1197	x	x

RICHARDSON

240 mm - 9 1/2"
52 mm x 22 mm
08-1198

KELLY

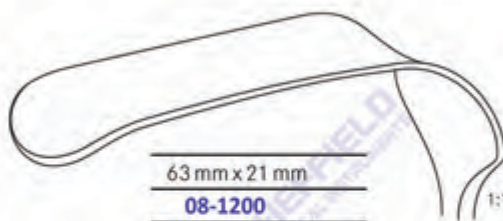
260 mm - 10 1/4"
65 mm x 50 mm
08-1199

RETRACTORS



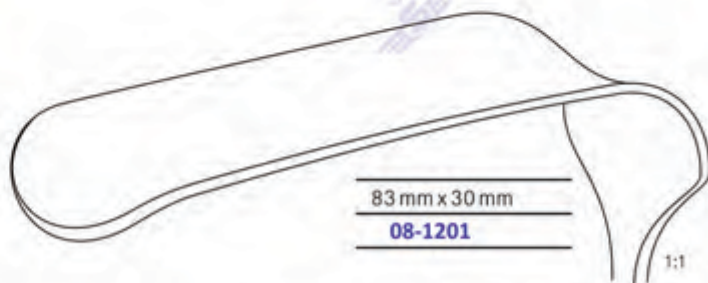
HOESEL
260 mm - 10 1/4"

1:2



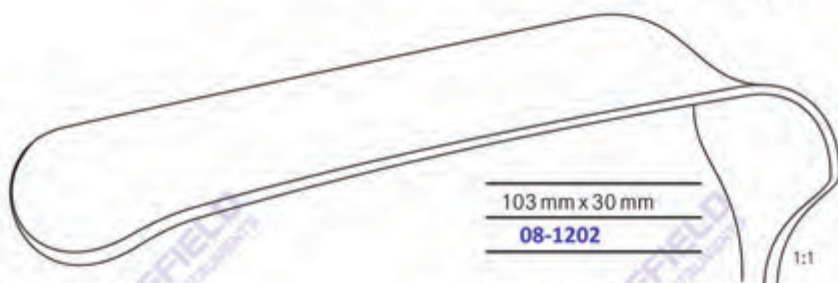
63 mm x 21 mm
08-1200

1:1



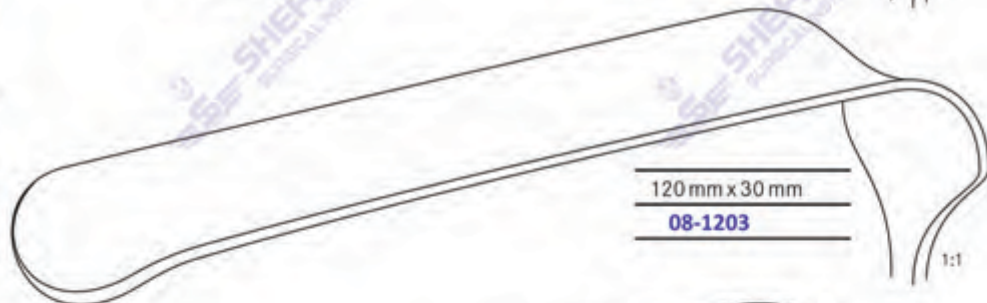
83 mm x 30 mm
08-1201

1:1



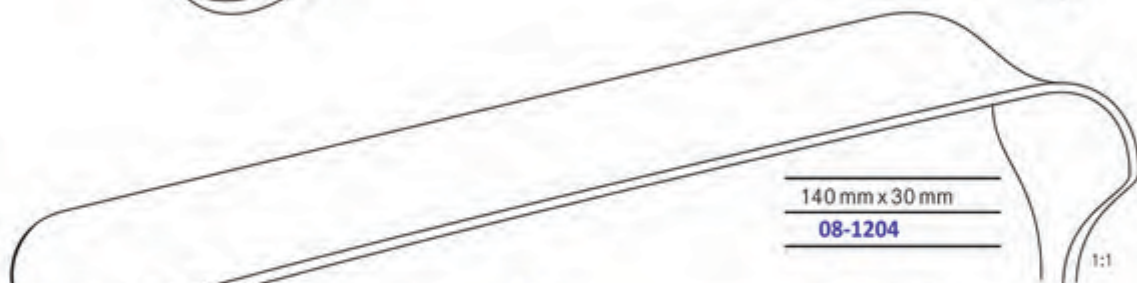
103 mm x 30 mm
08-1202

1:1



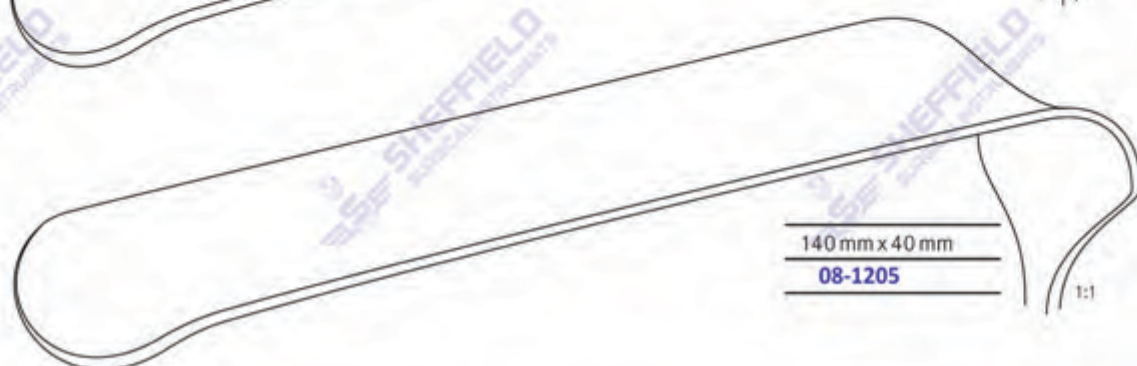
120 mm x 30 mm
08-1203

1:1



140 mm x 30 mm
08-1204

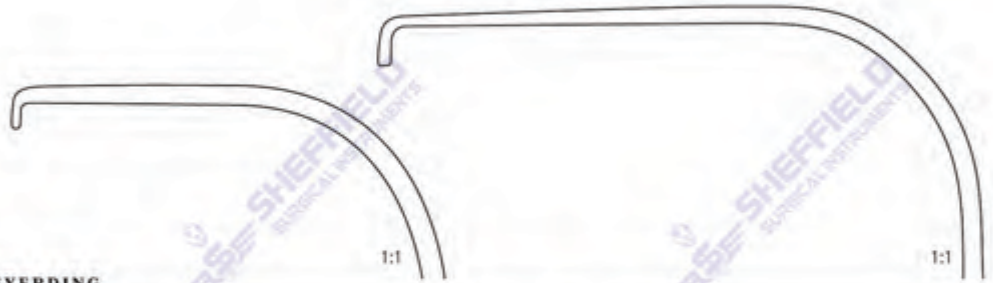
1:1



140 mm x 40 mm
08-1205

1:1

RETRACTORS

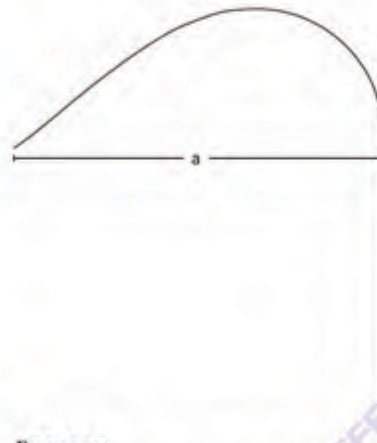


MEYERDING

200 mm - 8"	220 mm - 8 3/4"
50 mm x 16 mm	75 mm x 25 mm
08-1206	08-1207



240 mm - 9 1/2"
90 mm x 50 mm
08-1208



FRITSCH

235 mm - 9 1/4"	a = 37 mm - b = 31 mm	08-1209
240 mm - 9 1/2"	a = 38 mm - b = 40 mm	08-1210
250 mm - 9 3/4"	a = 43 mm - b = 51 mm	08-1211
250 mm - 9 3/4"	a = 49 mm - b = 61 mm	08-1212
255 mm - 10"	a = 48 mm - b = 75 mm	08-1213
265 mm - 10 1/2"	a = 65 mm - b = 85 mm	08-1214

RETRACTORS



SIMON

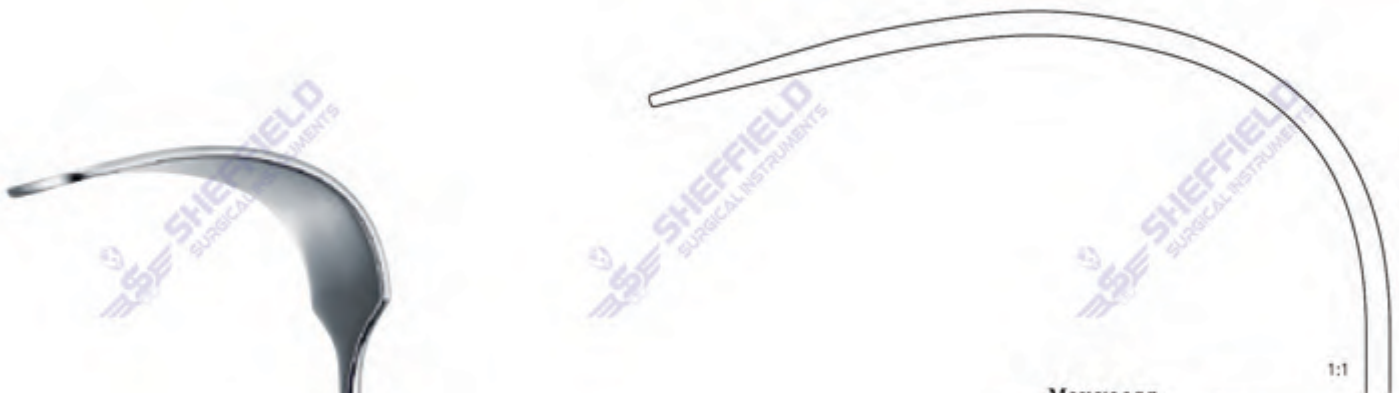
	115 mm x 22 mm	115 mm x 27 mm
280 cm - 11"	08-1215	08-1216



HARRINGTON

	127 mm x 40 mm	127 mm x 62 mm
320 mm - 12½"	08-1217	08-1218

RETRACTORS

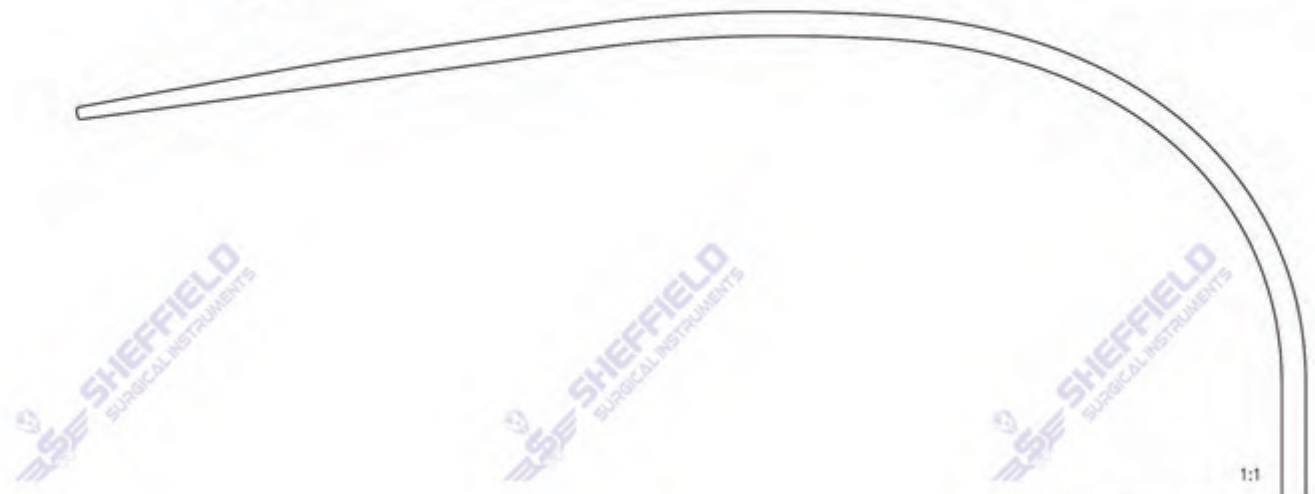


MIKULICZ

	95 mm x 35 mm
260 mm - 10 $\frac{1}{4}$ "	08-1219



120 mm x 50 mm
08-1220



150 mm x 50 mm
08-1221

RETRACTORS



MIKULICZ

260 mm - 10 $\frac{1}{4}$ "

90 mm x 50 mm

08-1222

1:2



DAVIDSON

a = 75 mm - b = 50 mm

a = 75 mm - b = 90 mm

160 mm - 6 $\frac{1}{4}$ "

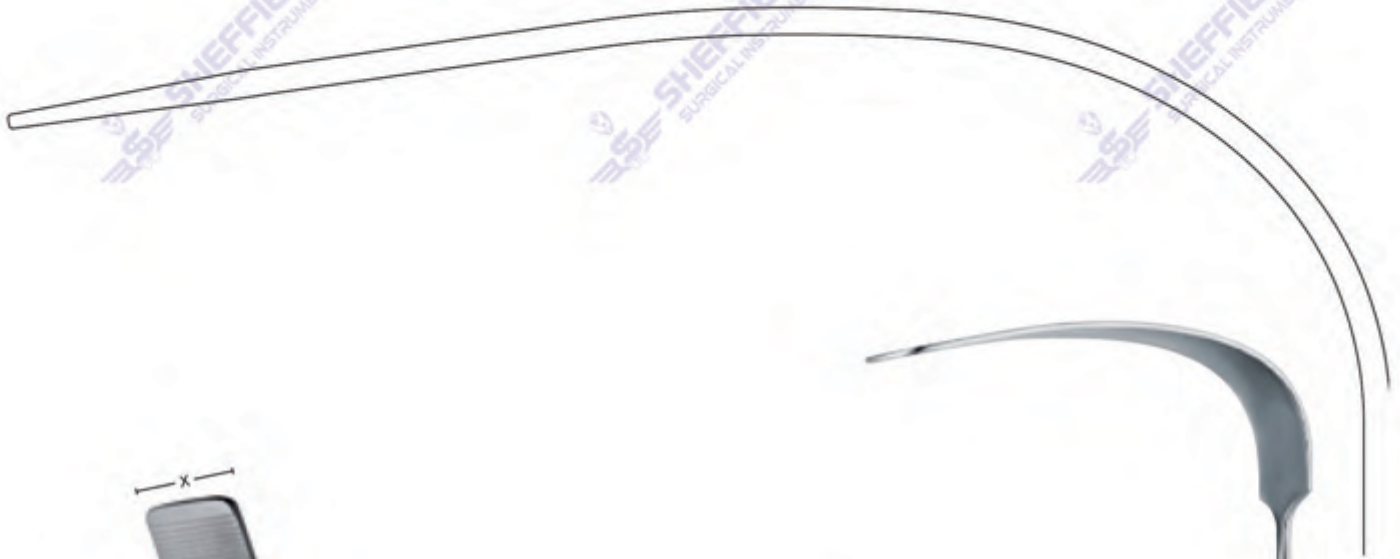
08-1223

08-1224

1:2



RETRACTORS



KADER

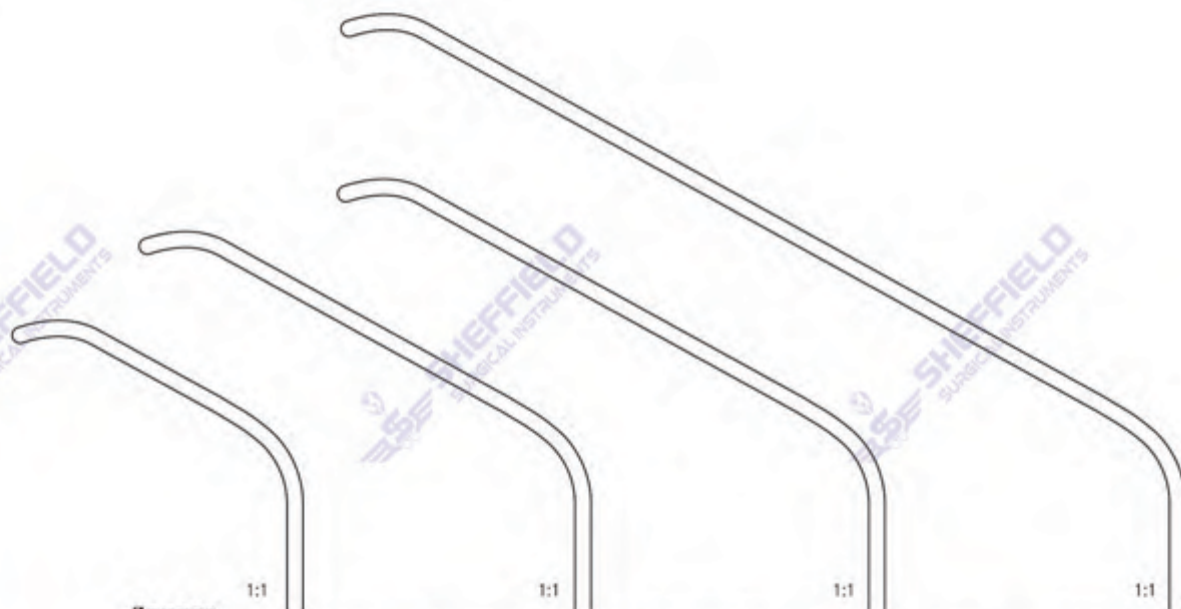
	270 mm
x = 20 mm	08-1225
x = 30 mm	08-1226
x = 40 mm	08-1227



KELLY

	190 mm x 38 mm	190 mm x 57 mm
270 mm - 10 3/4"	08-1228	08-1229

RETRACTORS



ZENKER

250 mm - 9¾"	260 mm - 10¼"	275 mm - 10¾"	290 mm - 11½"
35 mm x 8 mm	60 mm x 12 mm	75 mm x 12 mm	120 mm x 12 mm
08-1230	08-1231	08-1232	08-1233

RETRACTORS



COOLEY

250 mm - 9 $\frac{3}{4}$ "	250 mm - 9 $\frac{3}{4}$ "	270 mm - 10 $\frac{1}{2}$ "
08-1234	08-1235	08-1236

rechts
right

droite
derecha
destra

rechts, gerieft
right, serrated

droite, strié
derecha, estriada
destra, zigrinato

links
left

gauche
izquierda
sinistra

RETRACTORS

SHEFFIELD
SURGICAL INSTRUMENTS

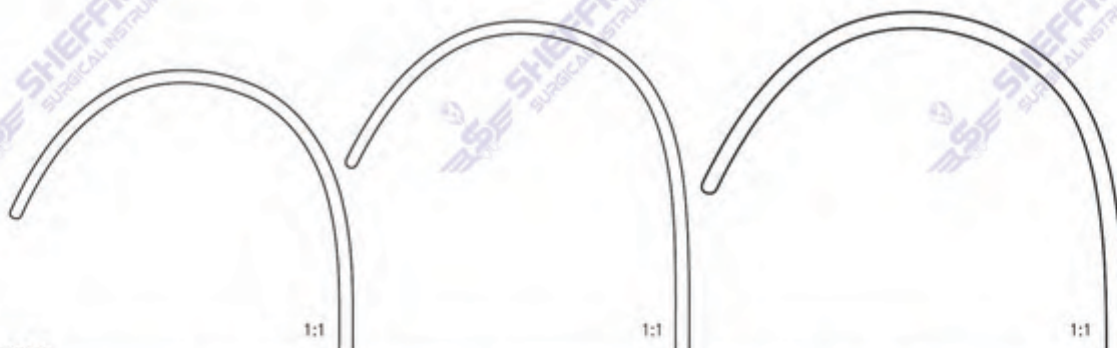
SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



MIDDELDORPF

	45 mm x 45 mm	45 mm x 50 mm	55 mm x 70 mm
255 mm - 10"	08-1237	08-1238	08-1239



SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



RETRACTORS



DOYEN

250 mm - 9 7/8"

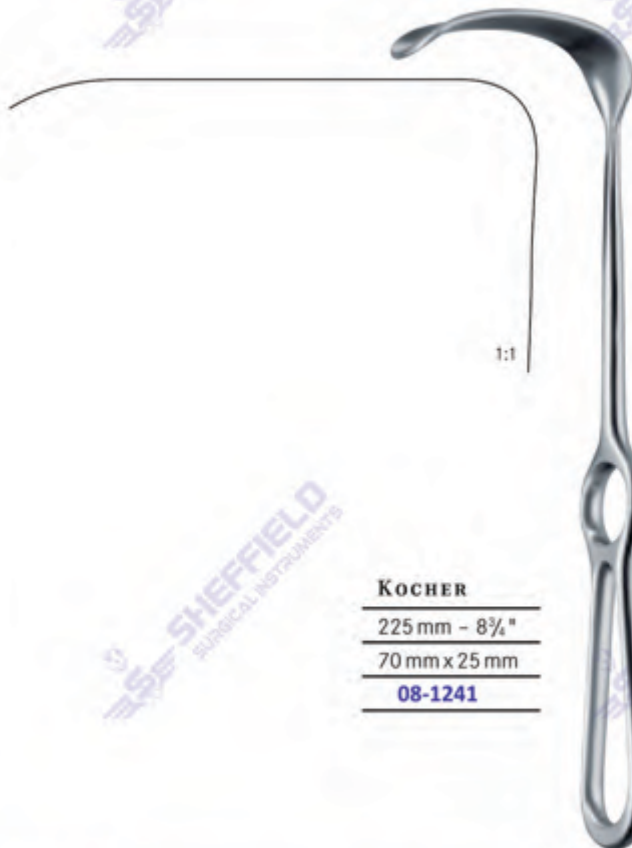
50 mm x 85 mm

08-1240

1:2



1:1



1:1

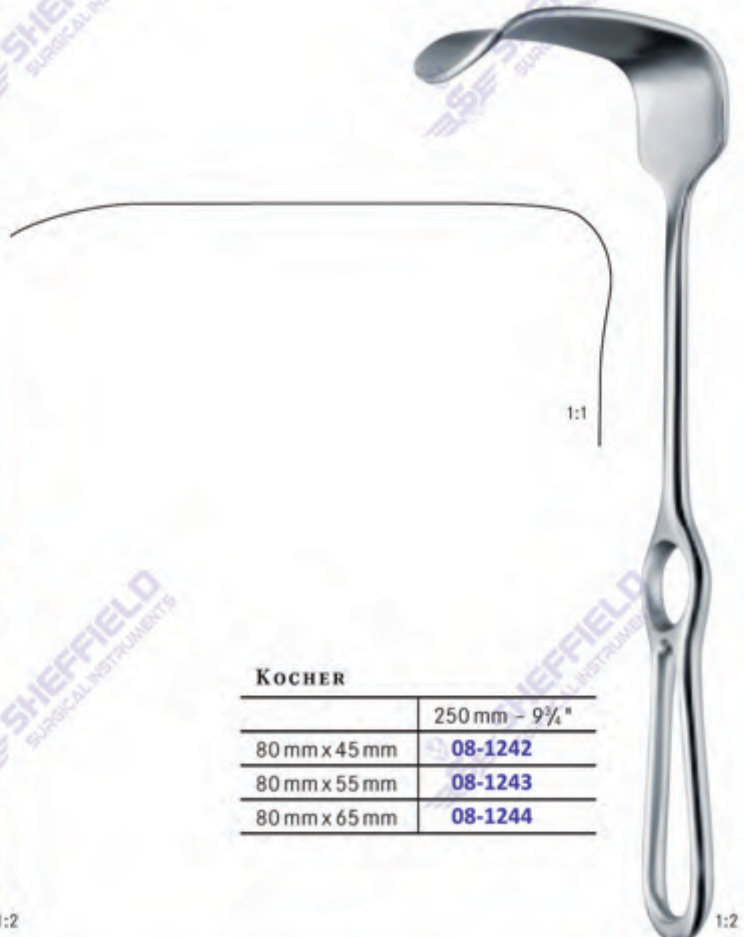
KOCHER

225 mm - 8 7/8"

70 mm x 25 mm

08-1241

1:2



1:1

KOCHER

250 mm - 9 7/8"

80 mm x 45 mm

08-1242

80 mm x 55 mm

08-1243

80 mm x 65 mm

08-1244

1:2

RETRACTORS



TUFFIER

230 mm - 9"

64 mm x 60 mm

08-1245



MARTIN

250 mm - 9 3/4"

105 mm x 27 mm

08-1246



SAUERBRUCH

250 mm - 9 3/4"

125 mm x 37 mm

08-1247



RETRACTORS

HEANEY

	45 mm x 25 mm	73 mm x 28 mm
270 mm - 10 3/4"	08-1248	08-1249



82 mm x 28 mm
08-1250



CORYLLOS

	82 mm x 22 mm
240 mm - 9 1/2"	08-1251



108 mm x 43 mm
08-1252



115 mm x 65 mm
08-1253

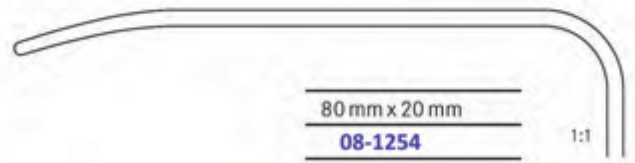


RETRACTORS



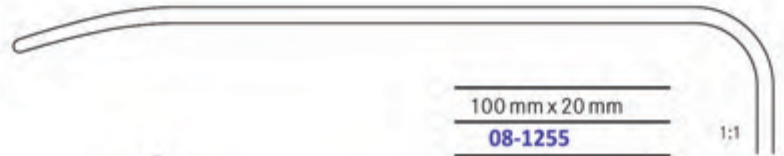
BRUNNER
250 mm - 9 7/8"

1:2



80 mm x 20 mm
08-1254

1:1



100 mm x 20 mm
08-1255

1:1



120 mm x 25 mm
08-1256

1:1



140 mm x 25 mm
08-1257

1:1



160 mm x 30 mm
08-1258

1:1



180 mm x 30 mm
08-1259

1:1

RETRACTORS



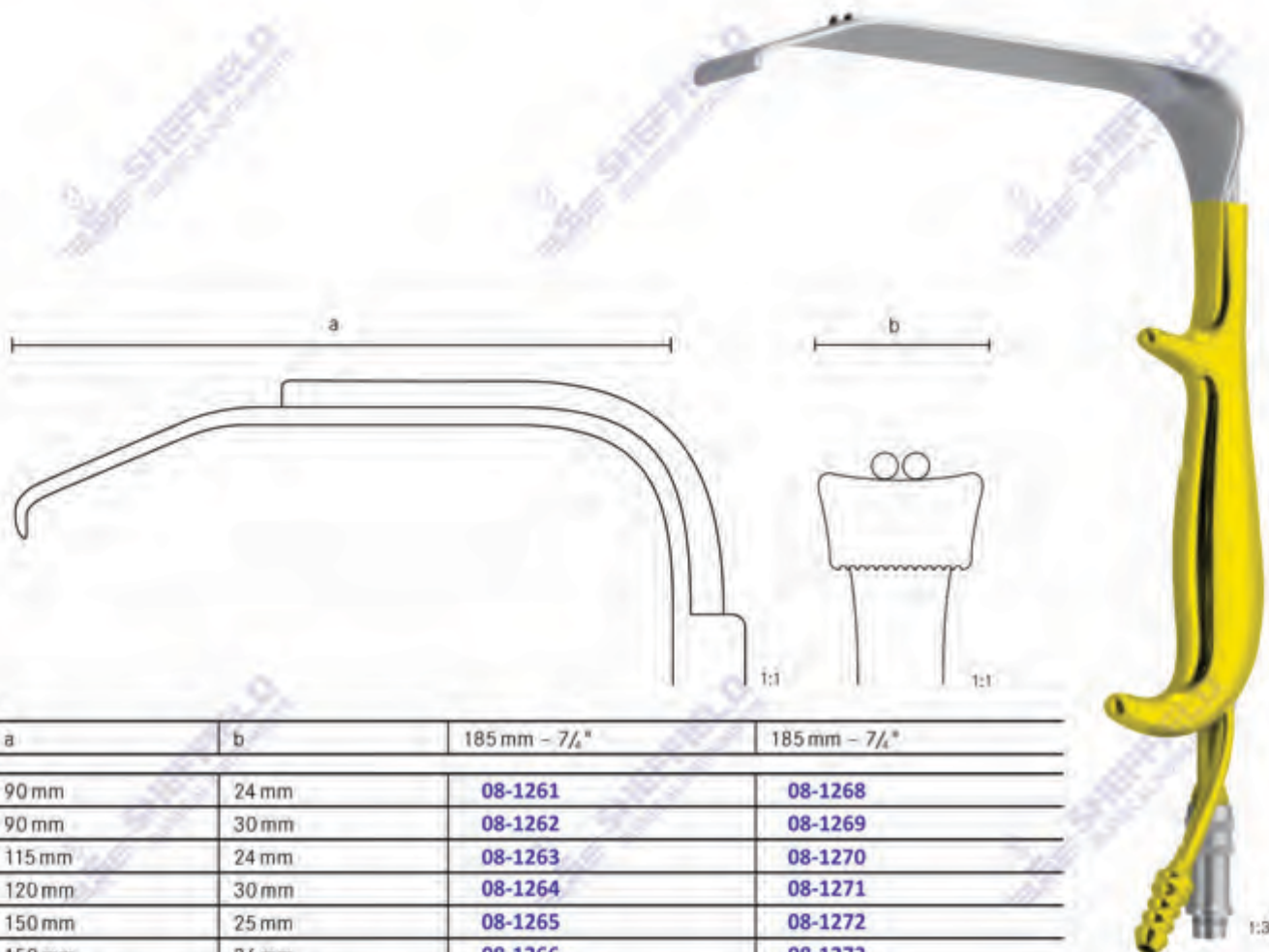
BRUNNER

240 mm - 9½"

142 mm x 25 mm

08-1260

MAMAPLASTY RETRACTORS



a	b	185 mm – 7/8"	185 mm – 7/8"
90 mm	24 mm	08-1261	08-1268
90 mm	30 mm	08-1262	08-1269
115 mm	24 mm	08-1263	08-1270
120 mm	30 mm	08-1264	08-1271
150 mm	25 mm	08-1265	08-1272
150 mm	36 mm	08-1266	08-1273
190 mm	30 mm	08-1267	08-1274

gezahnt und Kaltlichtbeleuchtung
toothed with fiber optic illumination

dentelée avec illumination à lumière froide
dentada con iluminación de luz fría
 dentata con illuminazione a luce fredda

mit Spülrohr
with irrigation tube

avec tube de lavage
con tubo lavador
 con tubo di lavaggio

ohne Spülrohr
without irrigation tube

sans tube de lavage
sin tubo lavador
 senza tubo di lavaggio

a	b	185 mm – 7/8"	185 mm – 7/8"
90 mm	24 mm	08-1275	08-1280
115 mm	24 mm	08-1276	08-1281
150 mm	25 mm	08-1277	08-1282
150 mm	36 mm	08-1278	08-1283
190 mm	30 mm	08-1279	08-1284

ohne Zähne mit Kaltlichtbeleuchtung
non-toothed with fiber optic illumination

sans denture avec illumination à lumière froide
sin dentada con iluminación de luz fría
 no dentata con illuminazione a luce fredda

mit Spülrohr
with irrigation tube

avec tube de lavage
con tubo lavador
 con tubo di lavaggio

ohne Spülrohr
without irrigation tube

sans tube de lavage
sin tubo lavador
 senza tubo di lavaggio

MAMAPLASTY RETRACTORS


FERREIRA

a	b	185 mm - 7/4"	
90 mm	24 mm	08-1285	08-1290
115 mm	24 mm	08-1286	08-1291
150 mm	25 mm	08-1287	08-1292
150 mm	36 mm	08-1288	08-1293
190 mm	30 mm	08-1289	08-1294

Wundhaken
Retractors

 Ecarteurs
 Retractores
 Divaricatori

 ohne Zahnung
non-toothed
 sans denture
sin dentada
 no dentata

 Gezahnt
toothed
 denture
dentada
 dentata

MACCOLLUM - DINGMAN

315 mm - 12½"

08-1295

MAMAPLASTY RETRACTORS



330 mm - 13"	08-1296	08-1298	08-1300
420 mm - 16½"	08-1297	08-1299	08-1301
abgewinkelt	starr	biegsam	Schaft isoliert
angled	rigid	malleable	Shaft insulated
angulé	rigide	maléable	Tige isolée
angulado	rigido	maleable	Tija aislada
angolato	rigido	flessibile	Asta isolata



330 mm - 13"	08-1302	08-1304	08-1306
420 mm - 16½"	08-1303	08-1305	08-1307
	starr	biegsam	Schaft isoliert
	rigid	malleable	Shaft insulated
	rigide	maléable	Tige isolée
	rigido	maleable	Tija aislada
	rigido	flessibile	Asta isolata



	x = 25 mm	x = 33 mm
315 mm - 12½"	08-1308	08-1309

halbstarr
semi rigid
semi rigide
semi rigido
semi rigido

RETRACTORS


GIL-VERNET


	x = 8 mm	x = 11 mm	x = 15 mm	x = 17 mm	x = 20 mm	x = 23 mm
240 mm - 9½"	08-1310	08-1311	08-1312	08-1313	08-1314	08-1315

biegsam
 malleable
 malléable
 malleable
 malleabile


ST. MARKS

290 mm - 11½"	325 mm - 12¾"	330 mm - 13"
130 mm x 60 mm	180 mm x 60 mm	180 mm x 60 mm
08-1316	08-1317	08-1318

RETRACTORS

CUSHING

200 mm - 8"

08-1319



1:2

KOERTE

280 mm - 11"

120 mm x 47 mm

08-1320



1:2



1:2

MORRIS

210 mm - 8 1/4"

50 mm x 55 mm

08-1321



1:2

MORRIS

	70 mm x 40 mm	70 mm x 50 mm	70 mm x 65 mm
245 mm - 9 3/4"	08-1322	08-1323	08-1324

RETRACTORS



DEAVER

	x = 25 mm	x = 38 mm	x = 50 mm
315 mm - 12½"	08-1325	08-1326	08-1327



x = 75 mm	x = 100 mm
08-1328	08-1329

RETRACTORS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
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SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



DEAVER

180 mm - 7"	215 mm - 8½"	230 mm - 9"
x = 19 mm	x = 22 mm	x = 25 mm
08-1330	08-1331	08-1332

RETRACTORS



DEAVER

300 mm - 12°	330 mm - 13°	360 mm - 14¼°
x = 25 mm	x = 25 mm	x = 25 mm
08-1333	08-1334	08-1335

RETRACTORS



DEAVER

300 mm - 12"	300 mm - 12"	300 mm - 12"
x = 38 mm	x = 50 mm	x = 75 mm
08-1336	08-1337	08-1338

RETRACTORS



ROUX

	Fig. 1	Fig. 2	Fig. 3
	140 mm - 5½"	150 mm - 6"	170 mm - 6¾"
	24 mm x 20 mm	29 mm x 26 mm	33 mm x 29 mm
	30 mm x 28 mm	36 mm x 36 mm	38 mm x 43 mm
	08-1340	08-1341	08-1342
08-1339	x	x	x

Satz
 Set
 Jeu
 Juego
 Serie



PARKER

	Fig. 1	Fig. 2
	135 mm - 5¼"	135 mm - 5¼"
	18 mm x 15 mm	22 mm x 15 mm
08-1343	x	x

Satz
 Set
 Jeu
 Juego
 Serie

RETRACTORS



PARKER

180 mm - 7"	Fig. 1	Fig. 2
	26 mm x 25 mm	29 mm x 25 mm
	27 mm x 25 mm	27 mm x 25 mm
08-1344	x	x

Satz
Set
Jeu
Juego
Serie



MINI-ROUX

145 mm - 5 3/4"
8 mm x 6 mm
08-1345



BABY-ROUX

130 mm - 5"
17 mm x 16 mm
18 mm x 22 mm
08-1346



RETRACTORS


MAYO-COLLIN

150 mm - 6"	Fig. 1	Fig. 2
	25 mm x 18 mm	28 mm x 19 mm
	28 mm x 18 mm	32 mm x 19 mm
08-1347	x	x

Satz
 Set
 Jeu
 Juego
 Serie


**PARKER-LANGENBECK
 (US ARMY)**

210 mm - 8 1/4"	Fig. 1	Fig. 2
	21 mm x 24 mm	25 mm x 24 mm
	40 mm x 15 mm	45 mm x 15 mm
08-1348	x	x

Satz
 Set
 Jeu
 Juego
 Serie

RETRACTORS

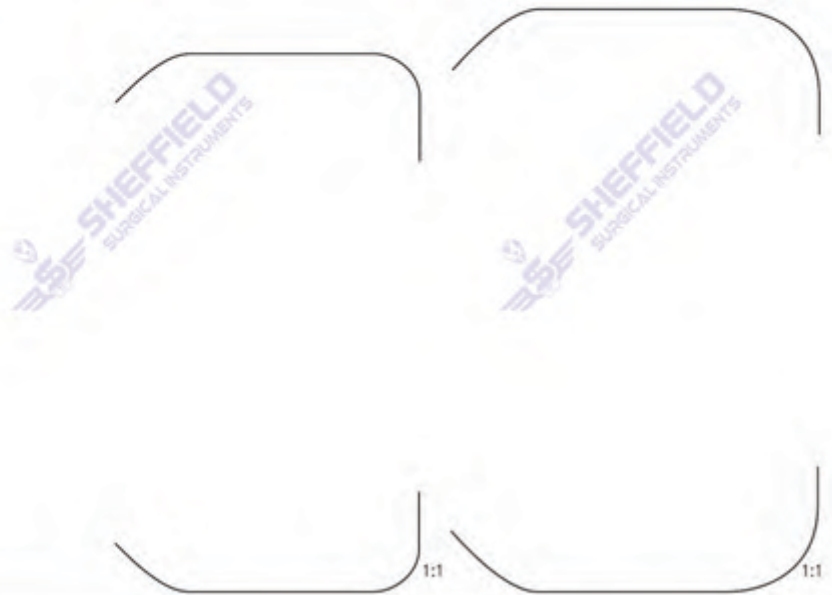


MATHIEU

200 mm - 8°

	Fig. 1	Fig. 2
	42 mm x 13 mm	47 mm x 13 mm
	42 mm x 26 mm	46 mm x 26 mm
08-1349	x	x

Satz
Set
Jeu
Juego
Serie



LANE

230 mm - 9°

35 mm x 19 mm

30 mm x 13 mm

08-1350

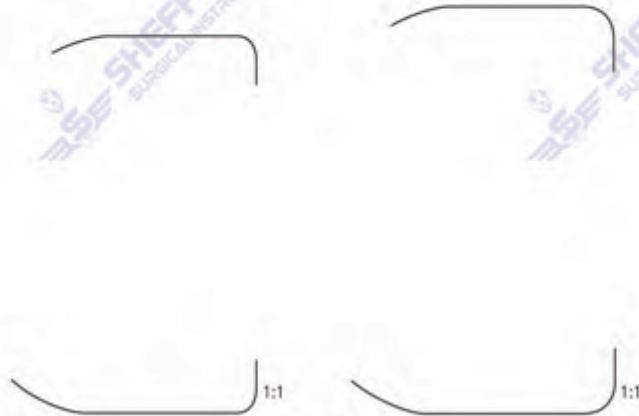


RETRACTORS


FARABEUF

120 mm - 4 3/4"	Fig. 1	Fig. 2
	26 mm x 10 mm	30 mm x 10 mm
	30 mm x 12 mm	34 mm x 12 mm
08-1351	x	x

Satz
 Set
 Jeu
 Juego
 Serie


FARABEUF

150 mm - 6"	Fig. 1	Fig. 2
	23 mm x 16 mm	27 mm x 16 mm
	26 mm x 16 mm	30 mm x 16 mm
08-1352	x	x

Satz
 Set
 Jeu
 Juego
 Serie



SELF RETAINING RETRACTORS



ALM

70 mm - 2¾"	08-1353	08-1355	08-1357
100 mm - 4"	08-1354	08-1356	08-1358

<i>scharf</i> <i>sharp</i>	<i>halbscharf</i> <i>semi sharp</i>	<i>stumpf</i> <i>blunt</i>
<i>pointu</i> <i>agudo</i> <i>acuto</i>	<i>semi pointu</i> <i>semi agudo</i> <i>semi acuto</i>	<i>mousse</i> <i>romo</i> <i>smusso</i>



1:2

HOLTZHEIMER

100 mm - 4"	08-1359	08-1360
-------------	----------------	----------------

<i>scharf</i> <i>sharp</i>	<i>stumpf</i> <i>blunt</i>
<i>pointu</i> <i>agudo</i> <i>acuto</i>	<i>mousse</i> <i>romo</i> <i>smusso</i>



1:2

BOSE

70 mm - 2¾"
08-1361



JANSEN

100 mm - 4"	08-1362	08-1363
-------------	----------------	----------------

<i>scharf</i> <i>sharp</i>	<i>stumpf</i> <i>blunt</i>
<i>pointu</i> <i>agudo</i> <i>acuto</i>	<i>mousse</i> <i>romo</i> <i>smusso</i>

SELF RETAINING RETRACTORS



CLOWARD-CONTOUR

140 mm - 5½"	08-1364	08-1365
--------------	----------------	----------------

3x4	3x4
scharf	stumpf
sharp	blunt
pointu	mousse
<i>agudo</i>	<i>romo</i>
acuto	smusso



WULLSTEIN

100 mm - 4"	08-1366	08-1367
-------------	----------------	----------------

3x3	3x3
scharf	stumpf
sharp	blunt
pointu	mousse
<i>agudo</i>	<i>romo</i>
acuto	smusso



WEITLANER-WULLSTEIN

130 m - 5"	08-1368	08-1369
------------	----------------	----------------

3x3	3x3
scharf	stumpf
sharp	blunt
pointu	mousse
<i>agudo</i>	<i>romo</i>
acuto	smusso



MILLIGAN

130 mm - 5"	08-1370
-------------	----------------

3x3
stumpf
blunt
mousse
<i>romo</i>
smusso

SELF RETAINING RETRACTORS



BELUCCI

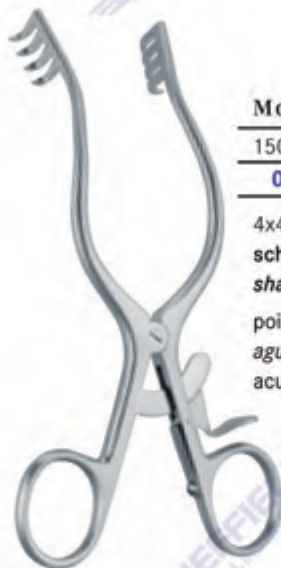
110 mm - 4 1/4"	08-1371	08-1373
130 mm - 5"	08-1372	08-1374

1x2
links, stumpf
left, blunt

gauche, mousse
izquierda, romo
sinistra, smusso

1x2
rechts, stumpf
right, blunt

droit, mousse
derecha, romo
destra, smusso



MOLLISON

150 mm - 6"

08-1375

4x4
scharf
sharp
pointu
agudo
acuto

1:2

SELF RETAINING RETRACTORS



PLESTER

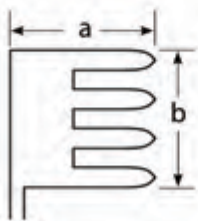
130 mm - 5"	08-1376	08-1377
2x2		2x2
stumpf		scharf
blunt		sharp
mousse		pointu
romo		agudo
smusso		acuto



PLESTER

110 mm - 4 1/2"	08-1378	08-1379
2x1		1x2
links, stumpf		rechts, stumpf
left, blunt		right, blunt
gauche, mousse		droit, mousse
izquierda, romo		derecha, romo
sinistra, smusso		destra, smusso

SELF RETAINING RETRACTORS



WEITLANER-LOKTITE

105 mm - 4 $\frac{1}{4}$ "	a = 17 mm - b = 13 mm	08-1380	08-1381	08-1382			
130 mm - 5"	a = 17 mm - b = 17 mm				08-1383	08-1387	08-1391
165 mm - 6 $\frac{1}{2}$ "	a = 17 mm - b = 17 mm				08-1384	08-1388	08-1392
200 mm - 8"	a = 20 mm - b = 19 mm				08-1385	08-1389	08-1393
260 mm - 10 $\frac{1}{4}$ "	a = 26 mm - b = 21 mm				08-1386	08-1390	08-1394

2 x 3

scharf
sharp

pointu
agudo
acuto

2 x 3

halbscharf
semi sharp

semi pointu
semi agudo
semi acuto

2 x 3

stumpf
blunt

mousse
romo
smusso

3 x 4

scharf
sharp

pointu
agudo
acuto

3 x 4

halbscharf
semi sharp

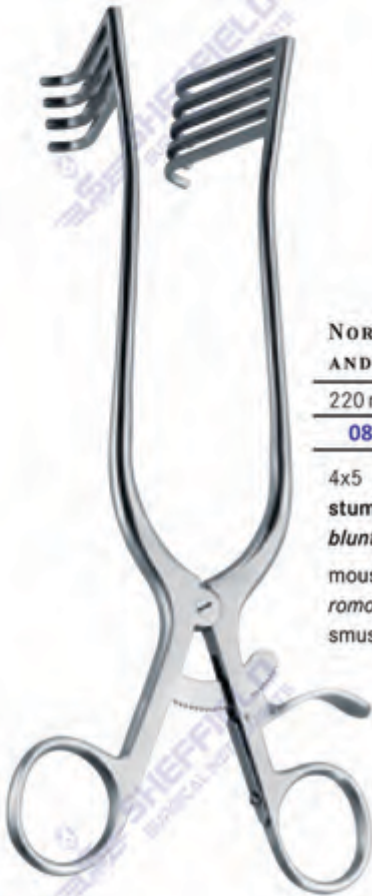
semi pointu
semi agudo
semi acuto

3 x 4

stumpf
blunt

mousse
romo
smusso

SELF RETAINING RETRACTORS



**NORFOLK
AND NORWICH**
220 mm - 8 3/4"
08-1395

4x5
stumpf
blunt
mousse
romo
smusso

1:2



TRAVES
215 mm - 8 1/2"
08-1396

4x5
stumpf
blunt
mousse
romo
smusso

1:2



ANDERSON-ADSON
195 mm - 7 3/4" **08-1397** **08-1398**

4x4
scharf
sharp
pointu
agudo
acuto

4x4
stumpf
blunt
mousse
romo
smusso

1:2

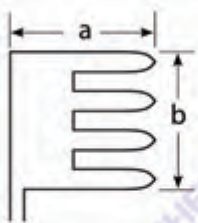


MAYO-ADAMS
165 mm - 6 1/2"
08-1399

2x2
stumpf
blunt
mousse
romo
smusso

1:2

SELF RETAINING RETRACTORS



ADSON (CONE)

130 mm - 5"	a = 17 mm - b = 19 mm	08-1400	08-1404
160 mm - 6 1/4"	a = 17 mm - b = 19 mm	08-1401	08-1405
200 mm - 8"	a = 20 mm - b = 20 mm	08-1402	08-1406
260 mm - 10 1/4"	a = 26 mm - b = 21 mm	08-1403	08-1407

3x4	3x4
scharf	stumpf
sharp	blunt
pointu	mousse
agudo	romo
acuto	smusso



BECKMANN-EATON

320mm-12 1/2"

08-1408

7x7
scharf
sharp
pointu
agudo
acuto

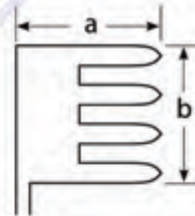
1:2

SELF RETAINING RETRACTORS



BECKMANN

310 mm - 12 1/4"	08-1409	08-1410	08-1411
4x4	4x4	4x4	4x4
scharf	halbscharf	stumpf	
sharp	semi sharp	blunt	
pointu	semi pointu	mousse	
agudo	semi agudo	romo	
acuto	semi acuto	smusso	

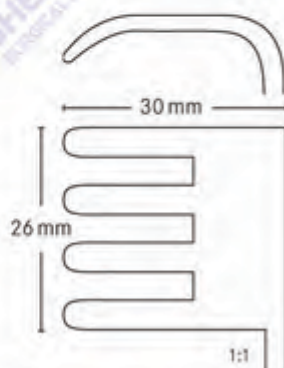


ADSON

		265 mm - 10 1/2"	265 mm - 10 1/2"
3x4	a = 24 mm - b = 24 mm	08-1412	08-1414
6x6	a = 40 mm - b = 40 mm	08-1413	08-1415

scharf	stumpf
sharp	blunt
pointu	mousse
agudo	romo
acuto	smusso

SELF RETAINING RETRACTORS



BECKMANN-ADSON

310 mm – 12¼"

08-1416

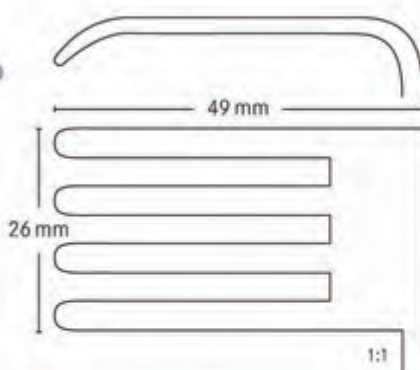
08-1417

stumpf
blunt

scharf
sharp

mousse
romo
smusso

pointu
agudo
acuto



08-1418

08-1419

stumpf, mit tiefen Blättern
blunt, with deep blades
mousse, avec lames profondes
romo, con palas profundas
smusso, con valve profunde

scharf, mit tiefen Blättern
sharp, with deep blades
pointu, avec lames profondes
agudo, con palas profundas
acuto, con valve profunde

SELF RETAINING RETRACTORS



GELPI-LOKTITE

90 mm - 3½"	08-1420	
110 mm - 4¼"	08-1421	
130 mm - 5"	08-1422	
180 mm - 7"	08-1423	08-1424



MARKHAM-MEYERDING

180 mm - 7"	08-1425	08-1426
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rechts	links
right	left
droit	gauche
derecha	izquierda
destra	sinistra



RIGBY

180 mm - 7"
08-1427

SELF RETAINING RETRACTORS



HENLEY

165 mm - 6 1/2"	08-1428	08-1429
3x4 scharf sharp pointu agudo acuto		3x4 stumpf blunt mousse romo smusso
<p>komplett mit 3 Mittelvalven complete with 3 center blades complet avec 3 valves centrales completa con 3 valvas centrales completo con 3 valve centrali</p>		



19 mm x 16 mm	25 mm x 16 mm	32 mm x 16 mm
08-1430	08-1431	08-1432

Mittelvalven
Center blades
Valves centrales
Valvas centrales
Valve centrali

ABDOMINAL RETRACTORS



BABY-COLLIN

180 mm - 7"		
x = 80 mm		
08-1433	40 mm x 18 mm	40 mm x 27 mm

komplett mit 2 Paar Valven
complete with 2 pairs of blades
 complet avec 2 paires de valves
completo con 2 pares de valvas
 completo con 2 paia di valve



COLLIN

225 mm - 8 3/4"		
x = 100 mm		
08-1434		

COLLIN

225 mm - 8 3/4"		
x = 100 mm		
08-1435	a = 38 mm - b = 60 mm	a = 38 mm - b = 55 mm
08-1436	a = 38 mm - b = 80 mm	a = 50 mm - b = 75 mm
08-1437	a = 37 mm - b = 98 mm	a = 53 mm - b = 76 mm

komplett mit
complete with
 complet avec
completo con
 completo con

Seitenvalven
Lateral blades
 Valves latérales
Valvas laterales
 Valve laterali

Mittelvalve
Center blade
 Valve centrale
Valva centrale
 Valva centrale



ABDOMINAL RETRACTORS



COLLIN

260 mm - 10 $\frac{1}{4}$ "		
x = 150 mm		
08-1438	60 mm x 80 mm	60 mm x 75 mm

komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva central
completo con	Valve laterali	Valva centrale



HOLZBACH

260 mm - 10 $\frac{1}{4}$ "		
x = 100 mm		
08-1439	62 mm x 80 mm	80 mm x 80 mm

komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale

ABDOMINAL RETRACTORS

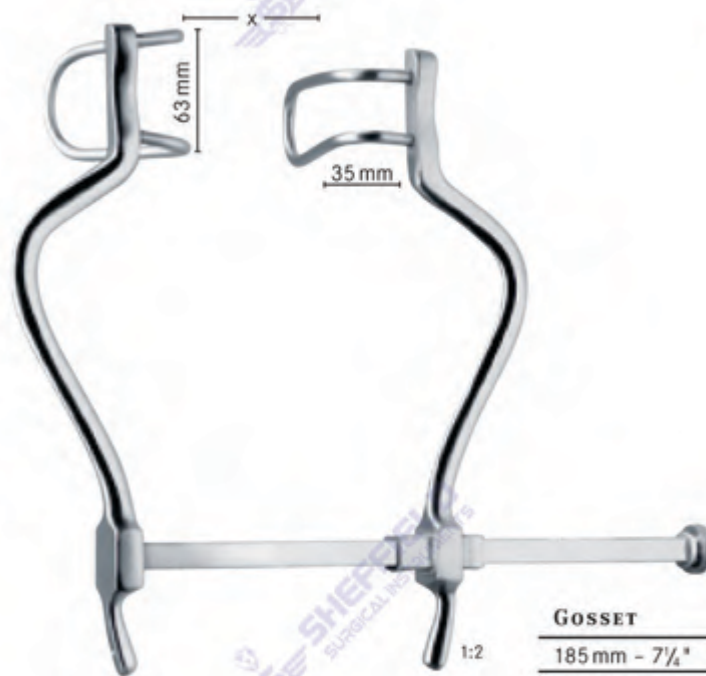


GOSSET

125 mm - 5"

x = 100 mm

08-1440



GOSSET

185 mm - 7 1/4"

x = 140 mm

08-1441

ABDOMINAL RETRACTORS



GOSSET

x = 160 mm		
08-1442	35 mm x 63 mm	65 mm x 70 mm

komplett mit <i>complete with</i>	Seitenvalven <i>Lateral blades</i>	Mittelvalve <i>Center blade</i>
complet avec <i>completo con</i>	Valves latérales <i>Valvas laterales</i>	Valve centrale <i>Valva centrale</i>
completo con	Valve laterali	Valva centrale



BALFOUR

x = 200 mm		
08-1443	35 mm x 100 mm	70 mm x 100 mm

komplett mit <i>complete with</i>	Seitenvalven <i>Lateral blades</i>	Mittelvalve <i>Center blade</i>
complet avec <i>completo con</i>	Valves latérales <i>Valvas laterales</i>	Valve centrale <i>Valva centrale</i>
completo con	Valve laterali	Valva centrale



BALFOUR-BABY

x = 90 mm		
08-1444	27 mm x 27 mm	20 mm x 24 mm

komplett mit <i>complete with</i>	Seitenvalven <i>Lateral blades</i>	Mittelvalve <i>Center blade</i>
complet avec <i>completo con</i>	Valves latérales <i>Valvas laterales</i>	Valve centrale <i>Valva centrale</i>
completo con	Valve laterali	Valva centrale

ABDOMINAL RETRACTORS



BALFOUR

x = 180 mm		
08-1445	35 mm x 70 mm	45 mm x 80 mm

komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale

x = 250 mm		
08-1446	35 mm x 100 mm	70 mm x 85 mm

komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale

45 mm x 80 mm	08-1447	
70 mm x 85 mm	08-1448	
80 mm x 90 mm	08-1449	

Mittelvalven, allein Center blades, only

Valves centrales, seul
 Valvas centrales, sola
 Valve centrali, solo



BALFOUR US

x = 180 mm		
08-1450	60 mm	70 mm x 85 mm
	80 mm	

komplett mit 2 Paar Valven	Mittelvalve
complete with 2 pairs of blades	Center blade
complet avec 2 paires de valves	Valve centrale
completo con 2 pares de valvas	Valva centrale
completo con 2 paia di valve	Valva centrale

60 mm	08-1451	70 mm x 85 mm	08-1453
80 mm	08-1452		

Seitenvalven, Paar	Mittelvalven, allein
Lateral blades,	Center blades, only
complet avec,	Valves centrales, seul
completo con,	Valvas centrales, sola
completo con,	Valve centrali, solo

ABDOMINAL RETRACTORS



RICARD

08-1454	60 mm x 80 mm	55 mm x 70 mm
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komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale



O'SULLIVAN-O'CONNOR

08-1455	45 mm x 90 mm	70 mm x 100 mm
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komplett mit	Seitenvalven	Mittelvalven
complete with	Lateral blades	Center blades
complet avec	Valves latérales	Valves centrales
completo con	Valvas laterales	Valvas centrales
completo con	Valve laterali	Valve centrali

08-1456	70 mm x 85 mm	80 mm x 90 mm
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komplett mit	Seitenvalven	Mittelvalve
complete with	Lateral blades	Center blade
complet avec	Valves latérales	Valve centrale
completo con	Valvas laterales	Valva centrale
completo con	Valve laterali	Valva centrale

ABDOMINAL RETRACTORS



KIRSCHNER, OVAL

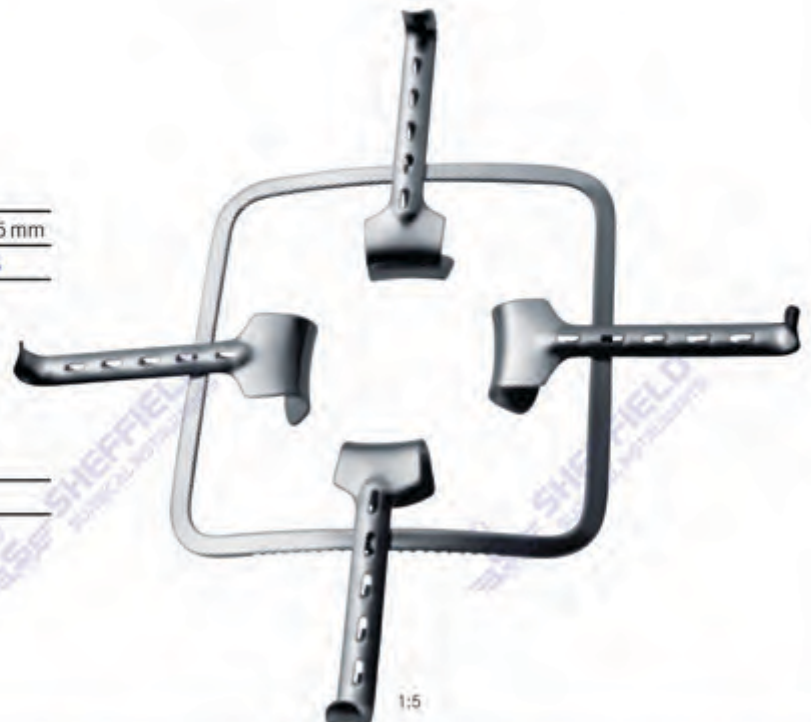
	240 mm x 300 mm	50 mm x 65 mm	80 mm x 90 mm	50 mm x 98 mm	35 mm x 105 mm
	08-1457	08-1458	08-1459	08-1460	08-1461
1 Rahmen		3 Valven	1 Valve	1 Valve	1 Valve
1 Frame		3 Blades	1 Blade	1 Blade	1 Blade
1 Cadre		3 Valves	1 Valve	1 Valve	1 Valve
1 Cuadro		3 Valvas	1 Valva	1 Valva	1 Valva
1 Quadro		3 Valve	1 Valva	1 Valva	1 Valva
08-1462	x	x	x	x	x

Satz
 Set
 Jeu
 Juego
 Serie

KIRSCHNER

	240 mm x 240 mm	40 mm x 55 mm	50 mm x 65 mm
	08-1463	08-1464	08-1465
1 Rahmen, fest		2 Valven	2 Valven
1 Frame, rigid		2 Blades	2 Blades
1 Cadre, rigide		2 Valves	2 Valves
1 Cuadro, rigido		2 Valvas	2 Valvas
1 Quadro, rigido		2 Valve	2 Valve
08-1466	x	x	x

Satz
 Set
 Jeu
 Juego
 Serie



ABDOMINAL RETRACTORS



FRANZ

	300 mm x 300 mm	40 mm x 60 mm	45 mm x 80 mm	50 mm x 65 mm	60 mm x 85 mm
	08-1467	08-1468	08-1469	08-1470	08-1471
1 Rahmen, zusammenlegbar <i>1 Frame, foldable</i>		2 Valven <i>2 Blades</i>	2 Valven <i>2 Blades</i>	2 Valven <i>2 Blades</i>	2 Valven <i>2 Blades</i>
1 Cadre pliant <i>1 Quadro piegabile</i>		2 Valves <i>2 Valvas</i>	2 Valves <i>2 Valvas</i>	2 Valves <i>2 Valvas</i>	2 Valves <i>2 Valvas</i>
1 Quadro piegabile		2 Valve	2 Valve	2 Valve	2 Valve
08-1472	x	x		x	
08-1473	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie



! Rahmen zusammenlegbar
Frame foldable
Cadre pliant
Quadro piegabile
Quadro piegabile

ABDOMINAL RETRACTORS



	40 mm x 60 mm	45 mm x 80 mm	40 mm x 55 mm	50 mm x 65 mm
Kirschner			08-1476	08-1477
Franz	08-1474	08-1475		08-1478



	60 mm x 85 mm	80 mm x 90 mm	50 mm x 98 mm	35 mm x 105 mm
Kirschner	08-1479	08-1481	08-1482	08-1484
Franz	08-1480		08-1483	08-1485

RETRACTORS



ROCHARD

08-1487

Fixierahmen, einseitig

Fixing frame, one sided

Cadre de fixation, unilatéralement

Marco de fijación, unilateralmente

Cornice di fissiagio, unilateralmente

ROCHARD

08-1488

Fixierahmen, zweiseitig

Fixing frame, double sided

Cadre de fixation, deux côtes

Marco de fijación, bilateralmente

Cornice di fissiagio, bilateralmente



ROCHARD

08-1486

Fixierahmen, zweiseitig

Fixing frame, double sided

Cadre de fixation, deux côtes

Marco de fijación, bilateralmente

Cornice di fissiagio, bilateralmente



50 x 95 mm **08-1489**

50 x 105 mm **08-1490**

60 x 120 mm **08-1491**

60 x 135 mm **08-1492**

60 x 155 mm **08-1493**

RETRACTORS



1:2

O'SULLIVAN-O'CONNOR


1:2

1:2



1:2

	Fig. 1	Fig. 2	Fig. 3
	45 mm x 17 mm	90 mm x 37 mm	90 mm x 45 mm
	08-1495	08-1496	08-1497
08-1494	x	x	x

komplett
 complete
 complet
 completo
 completo



1:2

FRIEDMANN

100 mm - 4"

08-1498

ABDOMINAL SPATULAS



	30 mm	40 mm	50 mm
330 mm - 13"	08-1499	08-1500	08-1501

biegsam
malleable
malléable
malleable
flessibile



MARTIN

200 mm - 8"	200 mm - 8"	250 mm - 9¾"
12 mm	17 mm	25 mm
08-1502	08-1503	08-1504

weich
soft
souple
flexible
morbido

	6,5 mm	9,5 mm	13 mm	16 mm	19 mm	25 mm
200 mm - 8"	08-1505	08-1506	08-1507	08-1508	08-1509	08-1510

biegsam, sehr weich
malleable, very soft
malléable, très souple
malleable, muy flexible
flessibile, molto morbido

ABDOMINAL SPATULAS



HABERER

200 mm - 8"	280 mm - 11"	300 mm - 12"
17 mm / 25 mm	25 mm / 30 mm	37 mm / 45 mm
08-1511	08-1512	08-1513

biegsam
malleable
malléable
malleable
flessibile



REVERDIN

280 mm - 11"
46 mm x 60 mm
08-1514

1:2

LAMINECTOMY RETRACTORS



CLOWARD

160 mm – 6 $\frac{1}{8}$ "

08-1515

komplett mit je 2 Valven Fig. 1 - Fig. 5
complete with 2 blades ea. Fig. 1 - Fig. 5
complet avec 2 valves chacune Fig. 1 - Fig. 5
completo con 2 valvas de cada Fig. 1 - Fig. 5
completo con 2 valve Fig. 1 - Fig. 5

08-1517

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve

250 mm – 9 $\frac{3}{4}$ "

08-1516

komplett mit je 2 Valven Fig. 1 - Fig. 5
complete with 2 blades ea. Fig. 1 - Fig. 5
complet avec 2 valves chacune Fig. 1 - Fig. 5
completo con 2 valvas de cada Fig. 1 - Fig. 5
completo con 2 valve Fig. 1 - Fig. 5

08-1518

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve



Fig. 1	x = 60 mm	08-1519
Fig. 2	x = 55 mm	08-1520
Fig. 3	x = 50 mm	08-1521
Fig. 4	x = 45 mm	08-1522
Fig. 5	x = 40 mm	08-1523

stumpf
blunt
mousse
roma
smussa



Fig. 1	x = 60 mm	08-1524
Fig. 2	x = 55 mm	08-1525
Fig. 3	x = 50 mm	08-1526
Fig. 4	x = 45 mm	08-1527
Fig. 5	x = 40 mm	08-1528

gezahnt
toothed
dentelée
dentada
dentata

LAMINECTOMY RETRACTORS



INGE

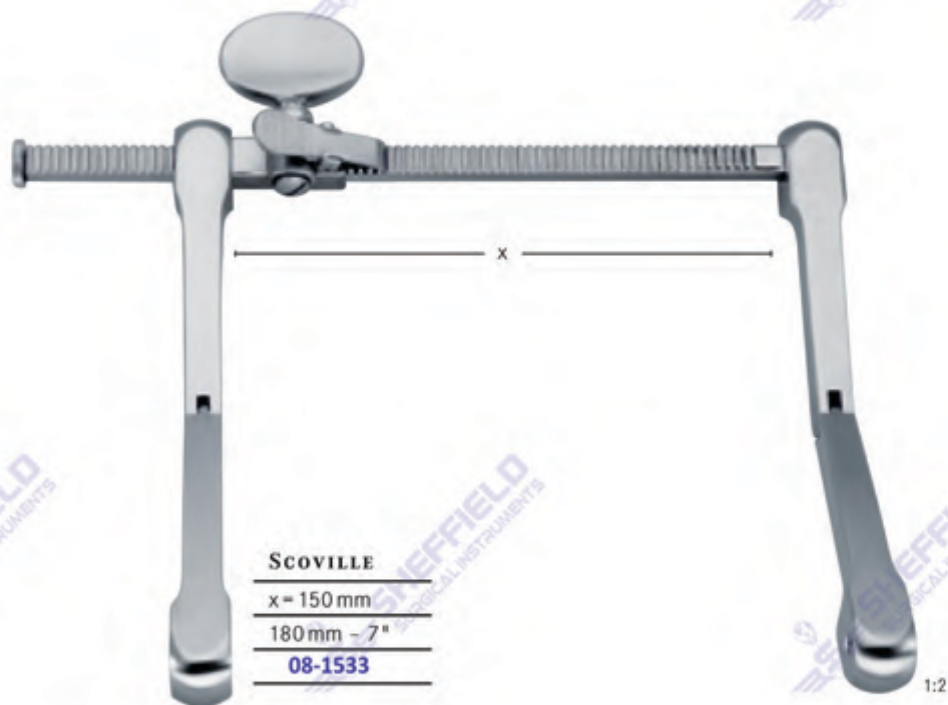
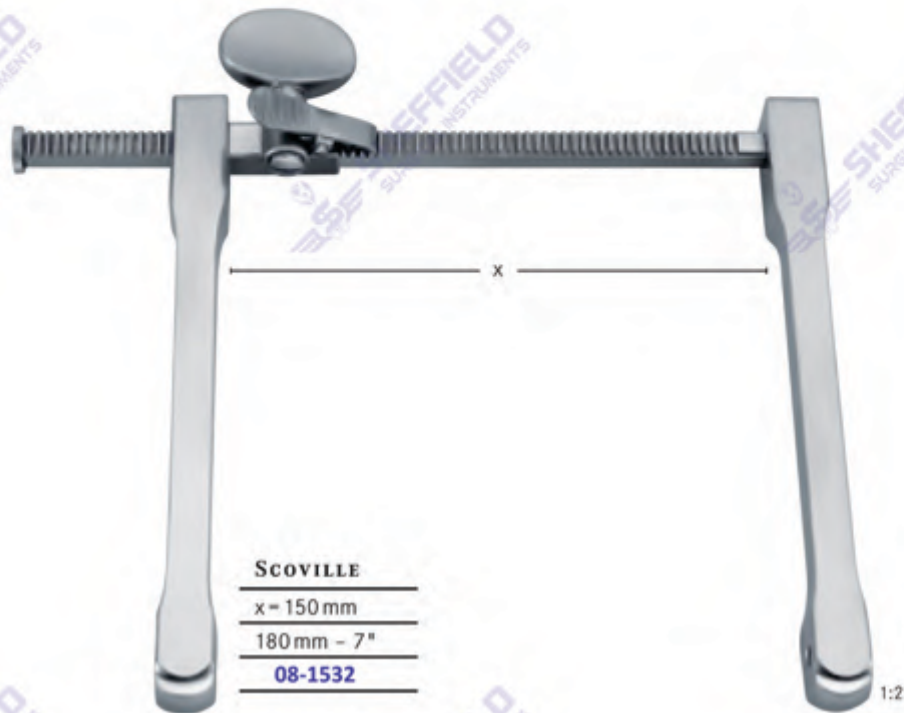
165 mm - 6½"	270 mm - 10¾"
08-1529	08-1530



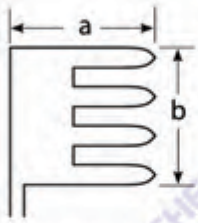
**CLOWARD-
VERTEBRA**

160 mm - 6¼"
08-1531

LAMINECTOMY RETRACTORS



LAMINECTOMY RETRACTORS



SCOVILLE

50 mm - 2"	08-1534	08-1536
70 mm - 2 3/4"	08-1535	08-1537

<i>stumpf</i>	<i>spitz</i>
<i>blunt</i>	<i>sharp</i>
<i>mousse</i>	<i>pointu</i>
<i>roma</i>	<i>aguda</i>
<i>smussa</i>	<i>acuta</i>



TAYLOR

a = 48 mm - b = 50 mm - 2" x 2"	08-1538
a = 63 mm - b = 50 mm - 2 1/2" x 2"	08-1539
a = 64 mm - b = 64 mm - 3 1/8" x 2 1/4"	08-1540



SCOVILLE

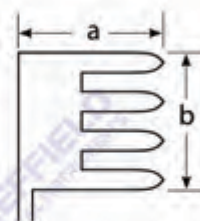
a = 40 mm - b = 37 mm - 1 1/2" x 1 1/2"	08-1541
a = 65 mm - b = 44 mm - 2 1/2" x 1 3/4"	08-1542



TAYLOR

a = 100 mm - b = 42 mm - 4" x 1 5/8"	08-1543
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LAMINECTOMY RETRACTORS



MEYERDING

a = 57 mm - b = 25 mm - 2 1/4" x 1"	08-1544
a = 76 mm - b = 25 mm - 3" x 1"	08-1545
a = 88 mm - b = 51 mm - 3 1/2" x 2"	08-1546



SCOVILLE

a = 57 mm - b = 25 mm - 2 1/4" x 1"	08-1547
a = 57 mm - b = 38 mm - 2 1/4" x 1 1/2"	08-1548
a = 64 mm - b = 50 mm - 2 1/2" x 2"	08-1549
a = 75 mm - b = 25 mm - 3" x 1"	08-1550



EPSTEIN

a = 56 mm - b = 25 mm - 2 1/4" x 1"	08-1551
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HIBBS

a = 50 mm - b = 20 mm - 2" x 3/4"	08-1552
a = 50 mm - b = 25 mm - 2" x 1"	08-1553
a = 50 mm - b = 50 mm - 2" x 2"	08-1554
a = 63 mm - b = 25 mm - 2 1/2" x 1"	08-1555
a = 63 mm - b = 37 mm - 2 1/2" x 1 1/2"	08-1556
a = 76 mm - b = 25 mm - 3" x 1"	08-1557
a = 76 mm - b = 38 mm - 3" x 1 1/2"	08-1558
a = 76 mm - b = 50 mm - 3" x 2"	08-1559
a = 76 mm - b = 63 mm - 3" x 2 1/2"	08-1560
a = 90 mm - b = 25 mm - 3 1/2" x 1"	08-1561
a = 90 mm - b = 37 mm - 3 1/2" x 1 1/2"	08-1562
a = 102 mm - b = 25 mm - 4" x 1"	08-1563
a = 102 mm - b = 50 mm - 4" x 2"	08-1564

LAMINECTOMY RETRACTORS



CASPAR

08-1565

08-1566

*complete with 5 medial blades
and with 5 lateral blades*

*complet avec 5 valves médianes
et avec 5 valves latérales*

*completo con 5 valvas mediales
y con 5 valvas laterales*

*completo con 5 valve mediali
e con 5 valve laterali*

complete with 5 blades

complet avec 5 valves

completo con 5 valvas

completo con 5 valve

08-1567

08-1568

Sperrer ohne Valven
Retractor without blades

Ecarteur sans valves

Separador sin valvas

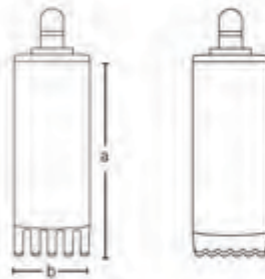
Divaricatore senza valve

Sperrer ohne Valven
Retractor without blades

Ecarteur sans valves

Separador sin valvas

Divaricatore senza valve



CASPAR

	medial	lateral
a = 40 mm - b = 23 mm	08-1569	08-1574
a = 45 mm - b = 23 mm	08-1570	08-1575
a = 50 mm - b = 23 mm	08-1571	08-1576
a = 55 mm - b = 23 mm	08-1572	08-1577
a = 60 mm - b = 23 mm	08-1573	08-1578



CASPAR

a = 45 mm - b = 23 mm	08-1579
a = 50 mm - b = 23 mm	08-1580
a = 55 mm - b = 23 mm	08-1581
a = 60 mm - b = 23 mm	08-1582
a = 65 mm - b = 23 mm	08-1583

stumpf

blunt

mousse

roma

smussa

LAMINECTOMY RETRACTORS



CASPAR

08-1584

komplett mit 6 Valven
complete with 6 blades
complet avec 6 valves
completo con 6 valvas
completo con 6 valve



08-1585

komplett mit 5 Valven
complete with 5 blades
complet avec 5 valves
completo con 5 valvas
completo con 5 valve

08-1586

Sperrer ohne Valven
Retractor without blades
Ecarteur sans valves
Separador sin valvas
Divaricatore senza valve

08-1587

Sperrer allein, mit Schlüssel
Retractor only, with key
Ecarteur seul avec clé
Separador solo con llave
Divaricatore solo con chiave

08-1588

Schlüssel
Key
Clé
Llave
Chiave



LAMINECTOMY RETRACTORS



CASPAR

38 mm	58 mm
08-1589	08-1590



a = 35 mm - b = 22 mm	08-1591
a = 40 mm - b = 22 mm	08-1592
a = 45 mm - b = 22 mm	08-1593
a = 50 mm - b = 22 mm	08-1594
a = 55 mm - b = 22 mm	08-1595
a = 60 mm - b = 22 mm	08-1596
a = 65 mm - b = 22 mm	08-1597
a = 70 mm - b = 22 mm	08-1598



a = 35 mm - b = 37 mm	08-1599
a = 40 mm - b = 37 mm	08-1600
a = 45 mm - b = 37 mm	08-1601
a = 50 mm - b = 37 mm	08-1602
a = 55 mm - b = 37 mm	08-1603
a = 60 mm - b = 37 mm	08-1604
a = 65 mm - b = 37 mm	08-1605
a = 70 mm - b = 37 mm	08-1606



a = 35 mm - b = 52 mm	08-1607
a = 40 mm - b = 52 mm	08-1608
a = 45 mm - b = 52 mm	08-1609
a = 50 mm - b = 52 mm	08-1610
a = 55 mm - b = 52 mm	08-1611
a = 60 mm - b = 52 mm	08-1612
a = 65 mm - b = 52 mm	08-1613
a = 70 mm - b = 52 mm	08-1614

RETRACTORS FOR MICRO-LUMBAR DISCECTOMY



CASPAR

a = 40 mm	08-1615
a = 45 mm	08-1616
a = 50 mm	08-1617
a = 55 mm	08-1618
a = 60 mm	08-1619
a = 65 mm	08-1620
a = 75 mm	08-1621
a = 85 mm	08-1622



CASPAR

08-1623



CASPAR

a = 35 mm	08-1624	
a = 40 mm	08-1625	08-1633
a = 45 mm	08-1626	08-1634
a = 50 mm	08-1627	08-1635
a = 55 mm	08-1628	08-1636
a = 60 mm	08-1629	08-1637
a = 65 mm	08-1630	08-1638
a = 70 mm		08-1639
a = 75 mm	08-1631	
a = 85 mm	08-1632	

SPECULUM FOR HYPOPHYSECTOMY



Mit schwarzer Oberfläche

With black finish

Avec finition noir

Con color negro

Con superficie nera



x = 70 mm	08-1640
x = 90 mm	08-1641
x = 110 mm	08-1642

Spekulum für trans-sphenoidale Hypophysektomie

Speculum for trans-sphenoidal hypophysectomy

Speculum pour hypophysectomie trans-sphenoidable

Especulo para hypophysectomia trans-sphenoidal

Speculo per ipofisectomia trans-sfenoidale

09

NAHT, SUTURE



NEEDLE HOLDERS



CRILE-MURRAY

150 mm - 6"

09-1001



CRILE-WOOD

150 mm - 6"

09-1002

180 mm - 7"

09-1003



HEGAR-BAUMGARTNER

140 mm - 5 1/4"

09-1004



BROWN

130 mm - 5"

09-1005

180 mm - 7"

09-1006



COLLIER

125 mm - 5"

09-1007

kräftiges Modell, Maul diagonal gerieft
heavy pattern, diagonally serrated jaw
modèle fort, mors strié diagonalement
modelo fuerte, boca estriada diagonalmente
modello forte, morso con strie diagonali



DERF

125 mm - 5"

09-1008

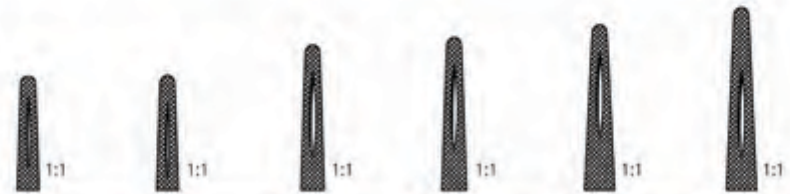
120 mm - 4 3/4"

09-1009

NEEDLE HOLDERS


MAYO-HEGAR

140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	240 mm - 9½"	260 mm - 10¼"	300 mm - 12"
09-1010	09-1011	09-1012	09-1013	09-1014	09-1015	09-1016



140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	240 mm - 9½"	260 mm - 10¼"
09-1017	09-1018	09-1019	09-1020	09-1021	09-1022

schlankes Modell
delicate pattern
 modèle fin
modelo delicado
 modello delicato


HEGAR

205 mm - 8"

09-1023

kräftiges Modell
heavy pattern
 modèle fort
modelo fuerte
 modello forte

NEEDLE HOLDERS



MASSON

270 mm - 10 $\frac{3}{4}$ "

09-1024



FINOCHIETTO

270 mm - 10 $\frac{3}{4}$ "

09-1025

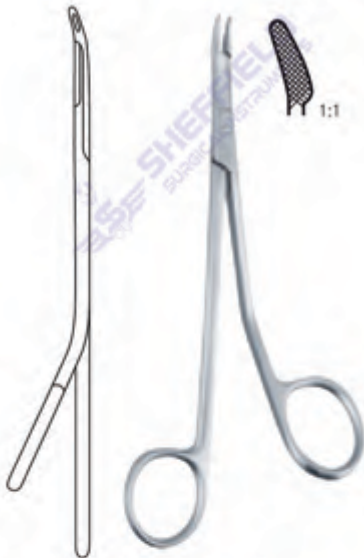


STRATTE

230 mm - 9"

09-1026

NEEDLE HOLDERS



GILLIES

145 mm - 5 $\frac{3}{4}$ "	09-1027
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GILLIES

160 mm - 6 $\frac{1}{4}$ "	09-1028
----------------------------	----------------



OLSEN-HEGAR

140 mm - 5 $\frac{1}{2}$ "	09-1029
170 mm - 6 $\frac{3}{4}$ "	09-1030
190 mm - 7 $\frac{1}{2}$ "	09-1031

NEEDLE HOLDERS

CASTROVIEJO- JACOBSON



140 mm – 5½"		09-1035		09-1042
150 mm – 6"	09-1032	09-1036	09-1039	09-1043
180 mm – 7"	09-1033	09-1037	09-1040	09-1044
210 mm – 8¼"	09-1034	09-1038	09-1041	09-1045

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

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



TOENNIS

180 mm – 7"

09-1046



LICHTENBERG

170 mm – 6¾"

09-1047

200 mm – 8"

09-1048

NEEDLE HOLDERS



BOYNTON

120 mm - 4 3/4"

09-1049

1:2



KALT

140 mm - 5 1/2"

09-1050

1:2



ARRUGA

160 mm - 6 1/4"



1:1



1:1

09-1051

09-1052

gerade
straight

gebogen
curved

droit
recta
retto

courbe
curva
curvo

1:2



NEEDLE HOLDERS



HEGAR-BAUMGARTNER

140 mm - 5½"

09-1053



BABY-CRILE-WOOD

150 mm - 6"

09-1054



CRILE-WOOD

	150 mm - 6"	180 mm - 7"	200 mm - 8"
	09-1055	09-1057	09-1059
	09-1056	09-1058	-

Linkshänder

left-hander

gaucher

zurdo

mancino



230 mm - 9"	260 mm - 10¼"
09-1060	09-1062
09-1061	-

NEEDLE HOLDERS


DERF (WRIGHT)

120 mm - 4 3/4"

09-1063

WEBSTER

130 mm - 5"

09-1064

 glatt
smooth
 lisse
lisa
 liscio

HALSEY

130 mm - 5"

 glatt
smooth

 lisse
lisa
 liscio

09-1065

 gerieft
serrated
 strié
estriada
 zigrinato

09-1066

KILNER

135 mm - 5 1/4"

09-1067

NEEDLE HOLDERS



MAYO-HEGAR

140 mm - 5½"	160 mm - 6¼"	180 mm - 7"	200 mm - 8"	240 mm - 9½"	260 mm - 10¼"	300 mm - 12"
09-1068	09-1069	09-1070	09-1071	09-1072	09-1073	09-1074
-	09-1075	-	09-1076	09-1077	09-1078	-

Linkshänder
left-hander

gaucher
zurdo
mancino



NEIVERT (MASING)

130 mm - 5"
09-1079

ein Ring abgewinkelt
one ring angled
une bague coudée
un anillo acodado
un anello angolato

CONVERSE

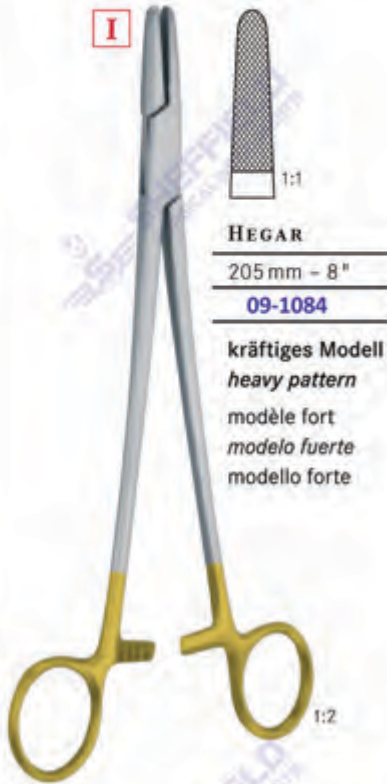
130 mm - 5"
09-1080



MATHIEU-OLSEN

140 mm - 5½"	09-1081
170 mm - 6¾"	09-1082
200 mm - 8"	09-1083

NEEDLE HOLDERS


HEGAR

205 mm - 8"

09-1084

 kräftiges Modell
heavy pattern
 modèle fort
modelo fuerte
 modello forte

II
GILLIES

145 mm - 5 1/2"



1:1

09-1085
GILLIES

160 mm - 6 1/4"



1:1

09-1086

160 mm - 6 1/4"

09-1087

 Linkshänder
left-hander
 gaucher
zurdo
 mancino

FOSTER-GILLIES

120 mm - 4 3/4"



1:2

09-1088

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


1:2

09-1089

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


1:2

09-1090

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


1:2

09-1091

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

II
OLSEN-HEGAR


1:1

140 mm - 5 1/2"

09-1092


1:1

170 mm - 6 3/4"

09-1093


1:1

190 mm - 7 1/2"

09-1094

NEEDLE HOLDERS



STRATTE

230 mm - 9"

09-1095



HEANEY

160 mm - 6 $\frac{1}{4}$ "

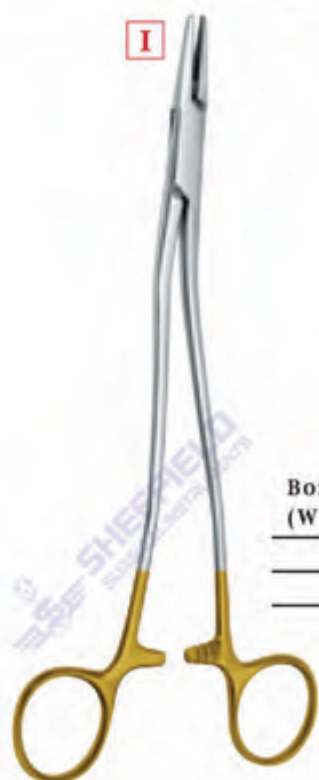
09-1096

180 mm - 7"

09-1097

200 mm - 8"

09-1098



**BOZEMANN
(WERTHEIM)**



200 mm - 8"

09-1099



240 mm - 9 $\frac{1}{2}$ "

09-1100



260 mm - 10 $\frac{1}{4}$ "

09-1101



300 mm - 12"

09-1102

NEEDLE HOLDERS



MASSON

270 mm - 10 $\frac{3}{4}$ "

09-1103



FINOCHIETTO

270 mm - 10 $\frac{3}{4}$ "

09-1104



WANGENSTEEN

270 mm - 10 $\frac{3}{4}$ "

09-1105

NEEDLE HOLDERS

I



MATHIEU



140 mm - 5½"	170 mm - 6¾"	200 mm - 8"	240 mm - 9½"
09-1106	09-1107	09-1108	09-1109



170 mm - 6¾"	200 mm - 8"
09-1110	09-1111

kräftiges Modell
heavy pattern

modèle fort
modelo fuerte
modello forte



140 mm - 5½"	170 mm - 6¾"	200 mm - 8"	240 mm - 9½"
09-1112	09-1113	09-1114	09-1115

schlankes Modell
delicate pattern

modèle fin
modelo delicado
modello delicato

NEEDLE HOLDERS

I

MATHIEU


170 mm - 6¾"

200 mm - 8"

09-1116
09-1117
II

LICHTENBERG


170 mm - 6¾"

200 mm - 8"

09-1118
09-1119
II

HÖSEL


200 mm - 8"

250 mm - 9¾"

09-1120
09-1121

 mit langem Hals
 with long neck
 avec col longue
 con cuello largo
 con collo lungo

II

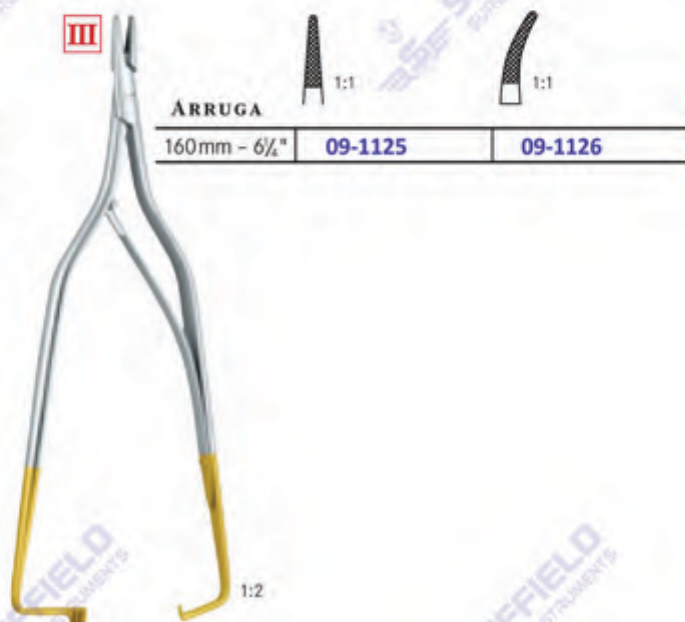
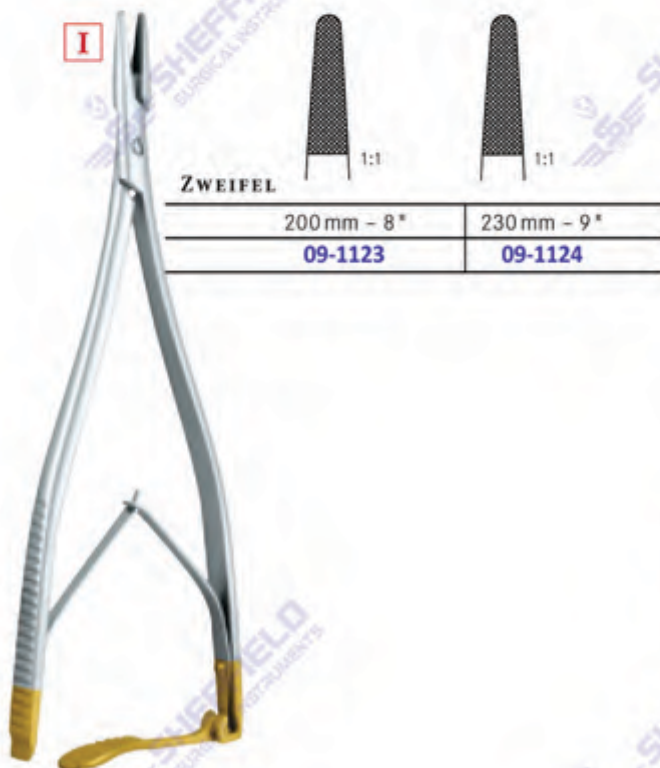

205 mm - 8"

09-1122

 mit langem Hals
 with long neck
 avec col longue
 con cuello largo
 con collo lungo

1:2

NEEDLE HOLDERS



NEEDLE HOLDERS

II

SAROT


180 mm - 7"	200 mm - 8"	260 mm - 10 1/4"
09-1131	09-1132	09-1133

II

DE BAKEY


150 mm - 6"	180 mm - 7"	200 mm - 8"	230 mm - 9"	260 mm - 10 1/2"
09-1134	09-1135	09-1136	09-1137	09-1138
09-1139	-	-	09-1140	09-1141

Linkshänder
 left-hander
 gaucher
 zurdo
 mancino






I

TEKNO-TWIST



150 mm - 6"	09-1142	09-1145
180 mm - 7"	09-1143	09-1146
200 mm - 8"	09-1144	09-1147





Drahtzange
 Wire forceps
 Pince pour fils d'acier
 Pinza para hilos
 Pinze per fili d'acciaio

NEEDLE HOLDERS

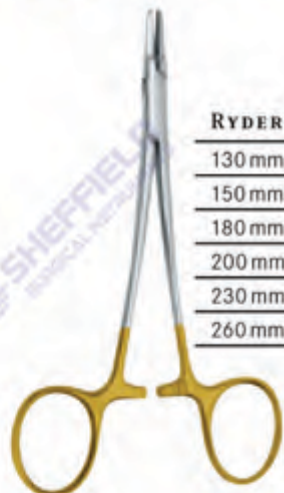
VASCULAR   1:1  1:1  1:1  1:1

140 mm - 5½"	180 mm - 7"	200 mm - 8"	230 mm - 9"
09-1148	09-1149	09-1150	09-1151



RYDER   **MINI-RYDER**  

130 mm - 5"	09-1152	09-1158
150 mm - 6"	09-1153	09-1159
180 mm - 7"	09-1154	09-1160
200 mm - 8"	09-1155	09-1161
230 mm - 9"	09-1156	09-1162
260 mm - 10¼"	09-1157	09-1163



DIETRICH  

160 mm - 6¼"	09-1164
180 mm - 7"	09-1165
200 mm - 8"	09-1166
230 mm - 9"	09-1167
250 mm - 9¾"	09-1168



NEEDLE HOLDERS



130 mm - 5"	150 mm - 5 7/8"	170 mm - 6 3/4"
09-1169	09-1170	09-1171

mit Spezialbeschichtung im Maul
 with special coated jaw

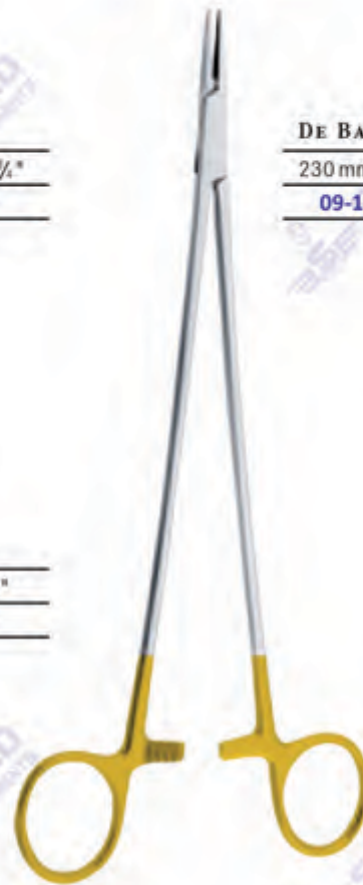
mors avec couche special
 boca con capa especial
 morso con spalmatura speciale



180 mm - 7"	200 mm - 8"	230 mm - 9"
09-1173	09-1174	09-1175

mit Spezialbeschichtung im Maul
 with special coated jaw

mors avec couche special
 boca con capa especial
 morso con spalmatura speciale



DE BAKEY
230 mm - 9"
09-1172



RYDER	
130 mm - 5"	09-1176
150 mm - 6"	09-1177
180 mm - 7"	09-1178
200 mm - 8"	09-1179
230 mm - 9"	09-1180

mit Spezialbeschichtung im Maul
 with special coated jaw

mors avec couche special
 boca con capa especial
 morso con spalmatura speciale



DE BAKEY
180 mm - 7"
09-1181

NEEDLE HOLDERS

IV



CASTROVIEJO- JACOBSON



140 mm - 5½"		09-1185		09-1192
150 mm - 6"	09-1182	09-1186	09-1189	09-1193
180 mm - 7"	09-1183	09-1187	09-1190	09-1194
210 mm - 8½"	09-1184	09-1188	09-1191	09-1195

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

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

III



VASCULAR



180 mm - 7"	09-1196	09-1197	09-1198	09-1199
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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

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

NEEDLE HOLDERS



CASTROVIEJO

130 mm – 5°



09-1200



09-1201

gerade, gerieftes Maul
straight, serrated jaws
 droit, mors strié
recta, boca estriada
 retto, morso zigrinato

gebogen, gerieftes Maul
curved, serrated jaws
 courbe, mors strié
curva, boca estriada
 curvo, morso zigrinato



CASTROVIEJO

130 mm – 5°

09-1202

glattes Maul
smooth jaws
 mors strié
boca lisa
 morso liscio



BARRAQUER

130 mm – 5°



09-1203



09-1204

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

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

NEEDLE HOLDERS



BOYNTON

120 mm - 4 $\frac{3}{4}$ "

09-1205



KALT

140 mm - 5 $\frac{1}{2}$ "

09-1206

SUTURE INSTRUMENTS



REVERDIN

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
150 mm - 6"	09-1207	09-1210	09-1213	09-1216
195 mm - 7¾"	09-1208	09-1211	09-1214	09-1217
225 mm - 8¾"	09-1209	09-1212	09-1215	09-1218



YOUNG

250 mm - 9¾"
09-1219

Komplett mit einem Nadelaufsatz
Complete with one needle
 Complet avec une aiguille
 Completo con una aguja
 Completo con un ago

1:3



09-1220	09-1221	09-1222
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Ersatznadel
Spare needle
 Aiguille de rechange
 Aguja de cambio
 Ago di ricambio

LIGATURE NEEDLES



DESCHAMPS

200 mm – 8"	09-1223	09-1226	09-1229	09-1232
210 mm – 8¼"	09-1224	09-1227	09-1230	09-1233
270 mm – 10¾"	09-1225	09-1228	09-1231	09-1234

scharf
sharp

pointue
aguda
acuta

für die rechte Hand
for right hand

pour la main droite
para la mano derecha
per la mano destra

scharf
sharp

pointue
aguda
acuta

für die linke Hand
for left hand

pour la main gauche
para la mano izquierda
per la mano sinistra

stumpf
blunt

mousse
roma
smussa

für die rechte Hand
for right hand

pour la main droite
para la mano derecha
per la mano destra

stumpf
blunt

mousse
roma
smussa

für die linke Hand
for left hand

pour la main gauche
para la mano izquierda
per la mano sinistra

SUTURE INSTRUMENTS


HURD

210 mm - 8 1/4"	09-1235	09-1236
-----------------	----------------	----------------

für die rechte Hand
for right hand

pour la main droite
para la mano derecha
 per la mano destra

für die linke Hand
for left hand

pour la main gauche
para la mano izquierda
 per la mano sinistra


DUPUY-WEISS

220 mm - 8 3/4"	09-1237	09-1238
-----------------	----------------	----------------

für die rechte Hand
for right hand

pour la main droite
para la mano derecha
 per la mano destra

für die linke Hand
for left hand

pour la main gauche
para la mano izquierda
 per la mano sinistra

LIGATURE CONDUCTORS-SUTURE INSTRUMENTS

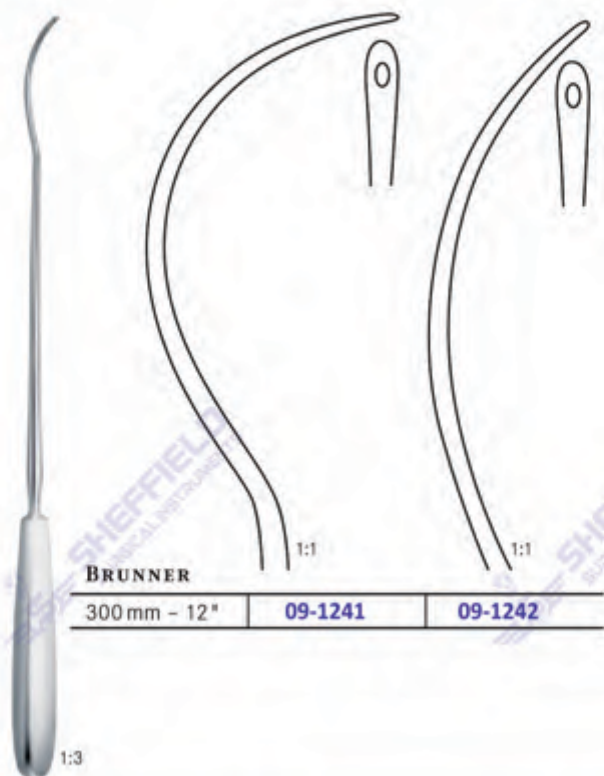


280 mm - 11"
4 mm
09-1239



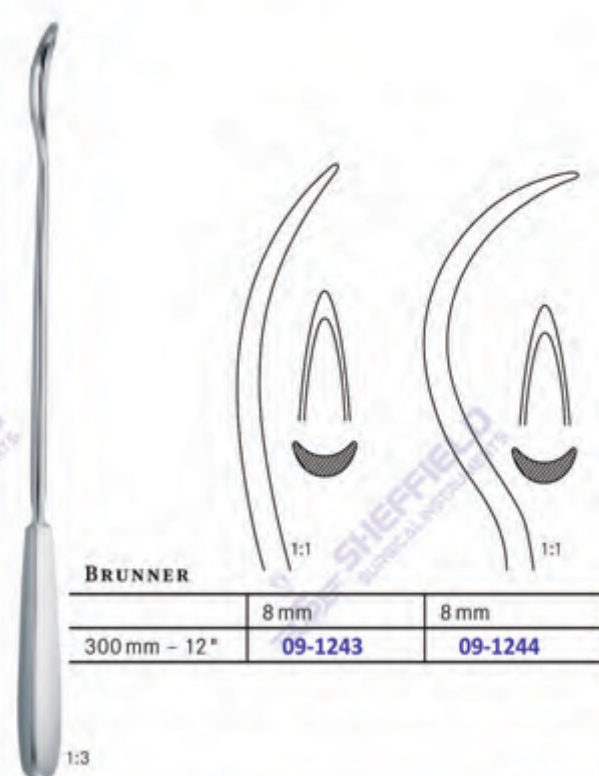
KIRSCHNER

255 m - 10"
5 mm
09-1240



BRUNNER

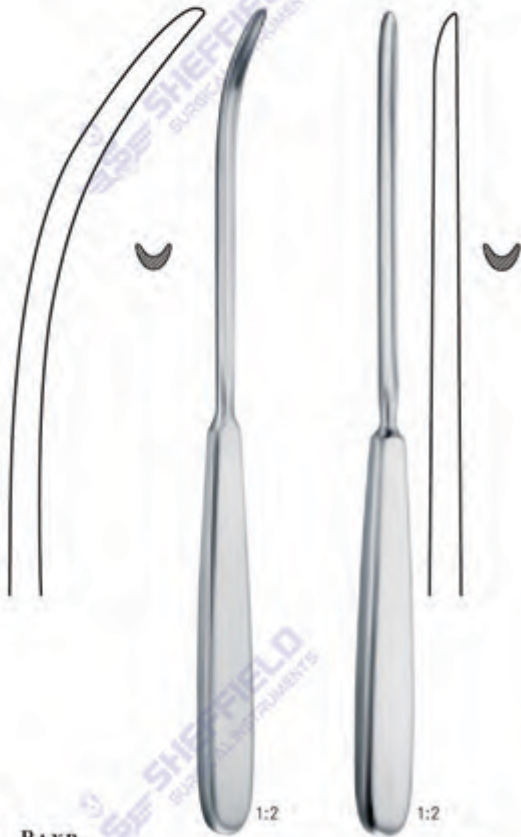
300 mm - 12"	09-1241	09-1242
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BRUNNER

	8 mm	8 mm
300 mm - 12"	09-1243	09-1244

LIGATURE CONDUCTORS-SUTURE INSTRUMENTS



PAYR

	5 mm	5 mm
220 mm - 8 3/4"	09-1245	09-1246



1:2

MOD. WIEN

235 mm - 9 1/4"

09-1247

Fadenfänger
 Ligature catcher
 Porte-ligature
 Captador de hilos
 Portalegature



1:2

BOZEMANN

210 mm - 8 1/4"

09-1248

Schlingendreher
 Knot tier
 Tords-fil
 Tuerce-lazos
 Torcifilo



1:2

230 mm - 9"

09-1249

Fadengabel
 Ligature adjuster
 Pousse-fil
 Horquilla de hilos
 Forchetta da sutura

10

VASCULAR SURGERY



VEIN STRIPPER



	○ 1:1	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
500 mm - 20"	10-1001	10-1002	10-1003	10-1004	10-1005

	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	8.5 mm Ø	10 mm Ø	12 mm Ø	14 mm Ø
500 mm - 20"	10-1006	10-1007	10-1008	10-1009



120 mm - 4 3/4"	10-1010
-----------------	----------------

Griff für
Handle for
Manche pour
Mango para
Manico per

1:2



RUMEL-BELMONT

	3.2 mm Ø	6.4 mm Ø
325 mm - 12 3/4"	10-1011	10-1012

Tourniquet	für Kinder	für Erwachsene
<i>Tourniquet</i>	<i>for children</i>	<i>for adults</i>
Tourniquet	pour enfants	pour adultes
<i>Tourniquete</i>	<i>para niños</i>	<i>para adultos</i>
Tourniquet	per bambini	per adulti

VARICOSE VEIN PROBE SET

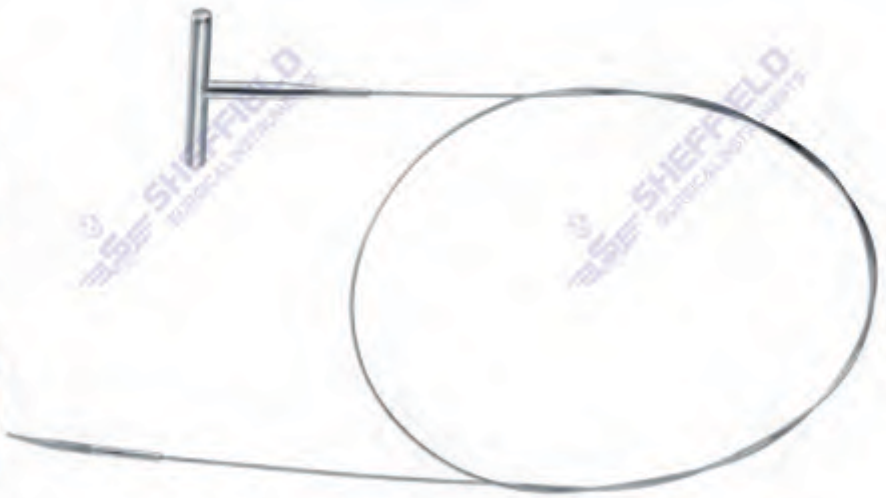


NABATOFF

135 mm x 100 mm x 25 mm

10-1013

komplett
 complete
 complet
 completo
 completo



10-1014	10-1015	10-1016	10-1017
Metalletui <i>Metal case</i>	Griff <i>Handle</i>	Zugseil 900 mm <i>Cable 900 mm</i>	Sondenspitze, Kunststoff <i>Probe tip in plastic</i>
Boîte métal <i>Estuche</i>	Manche <i>Mango</i>	Corde à traction 900 mm <i>Cordón 900 mm</i>	Sonde en plastique <i>Extremidad de sonda, plastica</i>
Astuccio	Manico	Fune di trazione 900 mm	Punta di plastica



3 mm Ø	6 mm Ø	9 mm Ø	12 mm Ø	15 mm Ø
10-1018	10-1019	10-1020	10-1021	10-1022

Sonde	Olive
Probe	Olive
Sonde	Olive
Sonda	Oliva
Sonda	Oliva

APPROXIMATORS, BIEMER CLIPS



1:3

BIEMER

10-1023

Anlegepinzette mit Schloss
applying forceps with lock

pince à poser avec verrou
aplicadora con cierre

pinza posa clips con cremagliera

10-1024

Anlegepinzette ohne Schloss
applying forceps without lock

pince à poser sans verrou
aplicadora sin cierre

pinza posa clips senza cremagliera



x	y	gms
Maullänge <i>jaw length</i> longueur du mors <i>longitud de la boca</i> lunghezza del morso	max. Maulöffnung <i>max. jaw opening</i> ouverture max. du mors <i>apertura max. de la boca</i> apertura mass.	Schließkraft <i>closing pressure</i> force de fermeture <i>fuerza de cierre</i> pressione



10-1025

x = 6 mm
 y = 4 mm
 gms = 30-40



10-1026

x = 9 mm
 y = 5 mm
 gms = 30-40



10-1027

x = 9 mm
 y = 5 mm
 gms = 20-25



10-1028

x = 4,5 mm
 y = 3,0 mm
 gms = 30-40



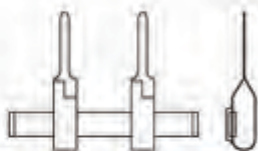
10-1029

x = 9 mm
 y = 5 mm
 gms = 30-40



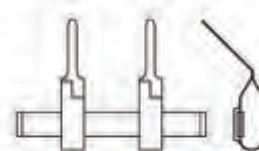
10-1030

x = 9 mm
 y = 5 mm
 gms = 30-40



10-1031

x = 9 mm
 y = 5 mm
 gms = 20-25



10-1032

x = 9 mm
 y = 5 mm
 gms = 30-40

Für temporären Gebrauch, (gekennzeichnet durch gelb eingefärbte Federenden) für Gefäße mit 0,5 mm – 2,0 mm Ø. Maulinnenflächen schräg gerieft für schonendes und sicheres Festhalten der Gefäße. Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.

For temporary occlusion, (identified by yellow coloured spring ends) for vessels of 0,5 mm – 2,0 mm Ø. Blade gripping surface with oblique serrations for save but careful gripping of vessels. No risk due to rigidly fixed pressure measure.

Pour usage temporaire, (ressorts couleur jaune) pour vaisseaux de 0,5 mm – 2,0 mm Ø. Mors striés pour fixation sûr et menagement. Force de fermeture non changeable.

Para oclusión temporal (ressortes amarillos) para vasos de 0,5 mm – 2,0 mm Ø. Boca estriada para fijación segura y moderada de los vasos. Utilización sin riesgo con fuerza de oclusión fija.

Per uso temporaneo, con finale della molla giallo, per vasi di 0,5 mm – 2,0 mm Ø. Morso zigrinato per una presa sicura, non traumatica.

APPLYING FORCEPS FOR VESSEL CLIPS



1:2

140 mm - 5 1/2"

10-1033
10-1034

mit Schloß
with lock
 avec serrure
con cierre
 con cremagliera



1:2

140 mm - 5 1/2"

10-1035

für Approximatoren und Doppelklemmen
for approximators and double-clips
 pour approximateurs et clips doubles
para aproximadores y clips dobles
 per approssimatori e clips doppi



x	Ø	V	A
Länge	Gefäß	Vene	Arterie
Length	Vessel	Vein	Artery
Longueur	Vaisseau	Veine	Artère
Longitud	Vaso	Vena	Arteria
Lunghezza	Vaso	Vena	Arteria

APPROXIMATORS, CLIPS

x = 8 mm










V	10-1036	10-1038	10-1040	10-1042
A	10-1037	10-1039	10-1041	10-1043

Ø = 0,4 mm - 1 mm





x = 11 mm

V	10-1044	10-1046	10-1048	10-1050
A	10-1045	10-1047	10-1049	10-1051

Ø = 0,6 mm - 1,5 mm





x = 14 mm

V	10-1052	10-1054	10-1056	10-1058
A	10-1053	10-1055	10-1057	10-1059

Ø = 1 mm - 2 mm





x = 17 mm

V	10-1060	10-1062	10-1064	10-1066
A	10-1061	10-1063	10-1065	10-1067

Ø = 1 mm - 2,25 mm





x = 25 mm

V	10-1068	10-1070	10-1072	10-1074
A	10-1069	10-1071	10-1073	10-1075

Ø = 1,5 mm - 3,5 mm

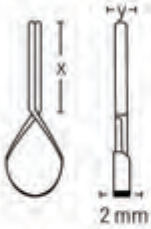
x = 36 mm

V	10-1076	10-1078	10-1080	10-1082
A	10-1077	10-1079	10-1081	10-1083

Ø = 1,5 mm - 3,5 mm

MICRO VESSEL CLIPS



x = Maullänge

x = Jaw length

x = Longueur du mors

x = Longitud de la boca

x = Lunghezza del morso

y = max. Maulöffnung

y = max. opening

y = Ouverture max. du mors

y = Apertura max. de la boca

y = Apertura mass. del morso

gms = Schließkraft

gms = Pressure

gms = Force de fermeture

gms = Presión

gms = Sforza della chiusura

für temporären Verschluss

for temporary closure

pour fermeture temporaire

para oclusión temporal

per chiusura temporanea



x = 10.0 mm	x = 8.0 mm	x = 6.0 mm	x = 4.0 mm	x = 6.0 mm
y = 1.5 mm	y = 1.0 mm	y = 0.8 mm	y = 0.75 mm	y = 1.0 mm
gms = 70	gms = 70	gms = 70	gms = 70	gms = 70
10-1084	10-1085	10-1086	10-1087	10-1088



x = 6.0 mm	x = 6.0 mm	x = 6.0 mm	x = 10.0 mm
y = 1.0 mm	y = 1.0 mm	y = 1.0 mm	y = 1.0 mm
gms = 70	gms = 70	gms = 70	gms = 70
10-1089	10-1090	10-1091	10-1092



150 mm - 6" **10-1093**

mit Sperre
with ratchet

avec crémaillère

con cierre

con cremagliera

180 mm - 7" **10-1094**

mit Sperre, bajonettförmig
with ratchet, bayonet shaped

avec crémaillère, en forme de baionette

con cierre, en forma de bayoneta

con cremagliera, a forma baionetta

MICRO VESSEL CLIPS



x = Maullänge

x = Jaw length

x = Longueur du mors

x = Longitud de la boca

x = Lunghezza del morso

y = max. Maulöffnung

y = max. opening

y = Ouverture max. du mors

y = Apertura max. de la boca

y = Apertura mass. del morso

gms = Schließkraft

gms = Pressure

gms = Force de fermeture

gms = Presión

gms = Sforza della chiusura

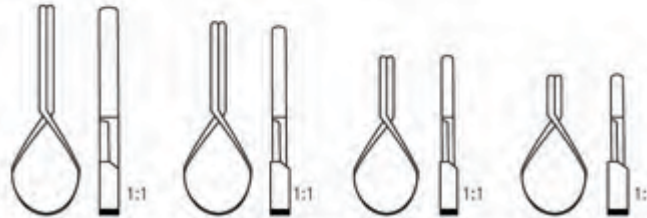
für temporären Verschluss

for temporary closure

pour fermeture temporaire

para oclusión temporal

per chiusura temporanea



x = 10.0 mm	x = 8.0 mm	x = 6.0 mm	x = 4.0 mm
y = 2.0 mm	y = 2.0 mm	y = 1.0 mm	y = 0.75 mm
gms = 150	gms = 150	gms = 150	gms = 150
10-1095	10-1096	10-1097	10-1098



x = 6.0 mm	x = 6.0 mm	x = 6.0 mm	x = 8.0 mm
y = 1.0 mm	y = 1.0 mm	y = 1.0 mm	y = 2.0 mm
gms = 150	gms = 150	gms = 150	gms = 150
10-1099	10-1100	10-1101	10-1102

BULLDOG CLAMPS



**JOHNS
HOPKINS**



38 mm - 1½"	50 mm - 2"	55 mm - 2¼"	65 mm - 2½"	70 mm - 2¾"	75 mm - 3"	90 mm - 3½"
10-1103	10-1104	10-1105	10-1106	10-1107	10-1108	10-1109

**JOHNS
HOPKINS**



38 mm - 1½"	50 mm - 2"	55 mm - 2¼"	65 mm - 2½"	70 mm - 2¾"	75 mm - 3"	90 mm - 3½"
10-1110	10-1111	10-1112	10-1113	10-1114	10-1115	10-1116



235 mm - 9¼"

10-1117

Anlegezange für Bulldogklemmen
Applying forceps for Bulldog clamps
 Pince pour poser les clamps Bulldog
 Pinza applicadora para clamps Bulldog
 Pinza per posizionare le pinze Bulldog

1:2

BULLDOG CLAMPS





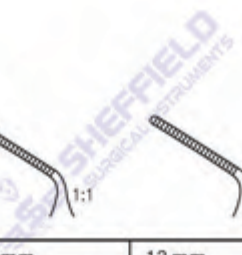
DIETRICH

	 1:1	 1:1	 1:1	 1:1
	8 mm	12 mm	16 mm	20 mm
50 mm - 2"	10-1118	10-1119	10-1120	10-1121



DIETRICH

	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	8 mm	12 mm	13 mm	16 mm	18 mm	20 mm
50 mm - 2"	10-1122	10-1123	10-1124	10-1125	10-1126	10-1127



BULLDOG CLAMPS



MINI - GLOVER



x=	30 mm - 1¼"	35 mm - 1½"	40 mm - 1½"	50 mm - 2"	30 mm - 1¼"	35 mm - 1½"	40 mm - 1½"	50 mm - 2"
y=	11 mm	15 mm	17 mm	24 mm	11 mm	15 mm	17 mm	24 mm
for Veins	gms = 110							
for Arteries	gms = 220							
for Veins	10-1128	10-1130	10-1132	10-1134	10-1136	10-1138	10-1140	10-1142
for Arteries	10-1129	10-1131	10-1133	10-1135	10-1137	10-1139	10-1141	10-1143

MINI - GLOVER



x=	30 mm - 1¼"	35 mm - 1½"	40 mm - 1½"	50 mm - 2"
y=	11 mm	15 mm	17 mm	24 mm
for Veins	gms = 110			
for Arteries	gms = 220			
for Veins	10-1144	10-1146	10-1148	10-1150
for Arteries	10-1145	10-1147	10-1149	10-1151



230 mm - 9" / stainless steel

10-1152

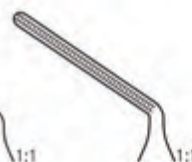
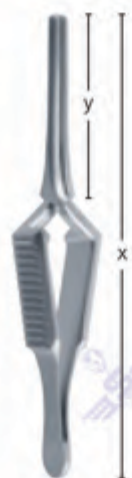
Anlegezange für Mini-Glover Bulldogklemmen
 Applying forceps for Mini-Glover bulldog clamps

Pince à poser pour les clamps Bulldog (Mini-Glover)

Aplicadora para clamps Bulldog (Mini-Glover)

Pinza per posizionare le pinze Bulldog (Mini-Glover)

BULLDOG CLAMPS



DE BAKEY - DIETRICH

x =	49 mm - 2"	53 mm - 2"	59 mm - 2¼"	44 mm - 1¾"	46 mm - 1¾"	49 mm - 2"
y =	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm
gms = 180						
	10-1153	10-1154	10-1155	10-1156	10-1157	10-1158

x = Länge

y = geriefte Maullänge

gms = Schließkraft

Length

serrated jaw part

closing force

Longueur

partie striée du mors

force de fermeture

Longitud

parte estriada de la boca

presión

Lunghezza

morso zigrinato

pressione di chiusura



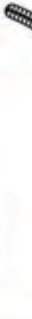
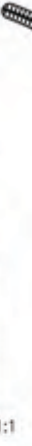
BULLDOG CLAMPS



COOLEY

 1:1	 1:1	 1:1	 1:1
80 mm - 3 $\frac{1}{4}$ "	90 mm - 3 $\frac{1}{2}$ "	105 mm - 4 $\frac{1}{4}$ "	125 mm - 5"
10-1159	10-1160	10-1161	10-1162

COOLEY

 1:1	 1:1	 1:1	 1:1
75 mm - 3"	85 mm - 3 $\frac{3}{4}$ "	95 mm - 3 $\frac{3}{4}$ "	115 mm - 4 $\frac{1}{2}$ "
10-1163	10-1164	10-1165	10-1166

BULLDOG CLAMPS



DE BAKEY



75 mm - 3"	85 mm - 3¼"	105 mm - 4¼"	120 mm - 4¾"
10-1167	10-1168	10-1169	10-1170



DE BAKEY



70 mm - 2¾"	80 mm - 3¼"	100 mm - 4"	115 mm - 4½"	55 mm - 2¼"
10-1171	10-1172	10-1173	10-1174	10-1175

abgewinkelt
angled on flat
coudée sur le plat
angulado
angolato

BULLDOG CLAMPS



GLOVER	1:1	1:1	1:1	1:1
	60 mm - 2 1/2"	70 mm - 2 3/4"	90 mm - 3 1/2"	110 mm - 4 1/4"
	10-1176	10-1177	10-1178	10-1179



GLOVER	1:1	1:1	1:1	1:1	1:1
	55 mm - 2 1/4"	65 mm - 2 1/2"	85 mm - 3 1/4"	105 mm - 4 1/4"	50 mm - 2"
	10-1180	10-1181	10-1182	10-1183	10-1184

abgewinkelt
 angled on flat
 coudée sur le plat
 angulado
 angolato

BULLDOG CLAMPS



**DE BAKEY-
SATINSKY**

70 mm - 2 3/4"

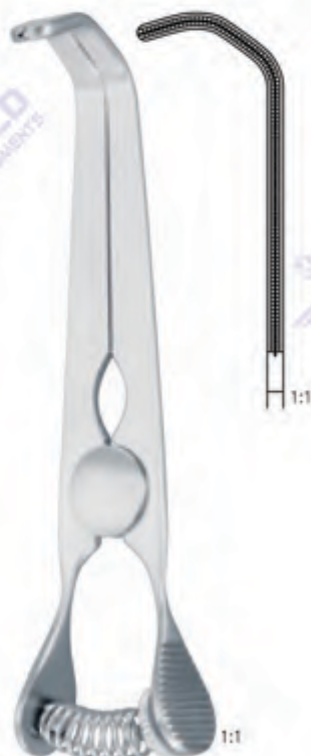
10-1185



**DE BAKEY-
CAROTIS**

90 mm - 3 1/2"

10-1186



**DE BAKEY-
SATINSKY**

100 mm - 4"

10-1187



SANTULLI

70 mm - 2 3/4"

10-1188



GREGORY-SOFT

90 mm - 3 1/2"

10-1189



110 mm - 4 1/4"

10-1190

ATRAUMATIC TISSUE FORCEPS



DE BAKEY

	x = 1.5 mm	x = 2.0 mm	x = 2.7 mm	x = 3.5 mm
120 mm - 4 3/4"	10-1191			
145 mm - 5 3/4"	10-1192	10-1196		
160 mm - 6 1/4"	10-1193	10-1197	10-1201	10-1205
200 mm - 8"	10-1194	10-1198	10-1202	10-1206
240 mm - 9 1/2"	10-1195	10-1199	10-1203	10-1207
300 mm - 12"		10-1200	10-1204	10-1208
350 mm - 14"				10-1209




	x = 1.5 mm	x = 2.0 mm
145 mm - 5 3/4"	10-1210	
160 mm - 6 1/4"		10-1211
200 mm - 8"		10-1212
240 mm - 9 1/2"		10-1213
300 mm - 12"		10-1214

ATRAUMATIC TISSUE FORCEPS

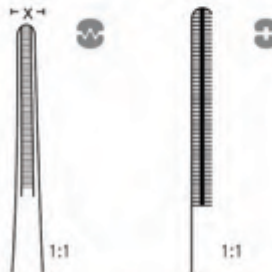


DE BAKAY



	x = 1.2 mm	x = 1.5 mm	x = 1.8 mm	x = 2.0 mm	x = 2.8 mm
160 mm - 6 $\frac{1}{4}$ "	10-1215	10-1218	10-1221	10-1224	10-1227
200 mm - 8"	10-1216	10-1219	10-1222	10-1225	10-1228
240 mm - 9 $\frac{1}{2}$ "	10-1217	10-1220	10-1223	10-1226	10-1229

ATRAUMATIC TISSUE FORCEPS



	x = 2.5 mm	x = 3.0 mm
150 mm - 6"	10-1230	10-1233
200 mm - 8"	10-1231	10-1234
240 mm - 9½"	10-1232	10-1235

rostfrei
 stainless
 inoxydable
 inoxidable
 inossidabile

	x = 2.5 mm	x = 2.8 mm
150 mm - 6"	10-1236	10-1239
200 mm - 8"	10-1237	10-1240
240 mm - 9½"	10-1238	10-1241

VASCULAR FORCEPS



**DE BAKEY-
MOSQUITO**



125 mm - 5"	125 mm - 5"
10-1242	10-1243




**DE BAKEY-
RANKIN**



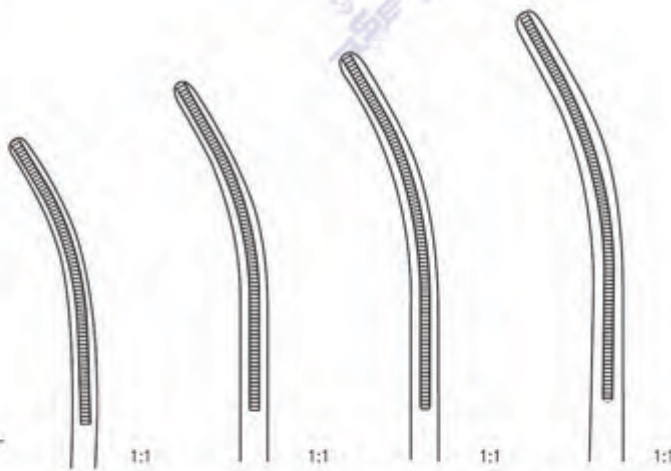
160 mm - 6¼"	160 mm - 6¼"
10-1244	10-1245

VASCULAR FORCEPS

DE BAKEY-PEAN

140 mm - 5 1/2"	160 mm - 6 1/4"	180 mm - 7"	200 mm - 8"
10-1246	10-1247	10-1248	10-1249



DE BAKEY-PEAN

140 mm - 5 1/2"	160 mm - 6 1/4"	180 mm - 7"	200 mm - 8"
10-1250	10-1251	10-1252	10-1253

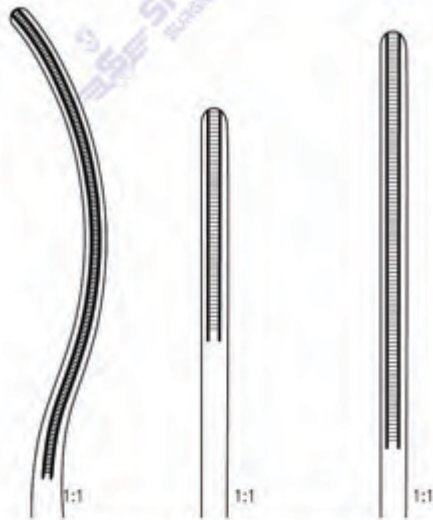


RING HANDLE BULLDOG CLAMPS



POTTS

200 mm - 8"	220 mm - 8 1/4"	200 mm - 8"	220 mm - 8 1/4"
10-1254	10-1255	10-1256	10-1257



POTTS

220 mm - 8 1/4"	210 mm - 8 1/4"	220 mm - 8 1/4"
10-1258	10-1259	10-1260

VASCULAR FORCEPS



DE BAKEY

190 mm - 7½"	230 mm - 9"	160 mm - 6¼"
10-1261	10-1262	10-1263

VASCULAR FORCEPS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

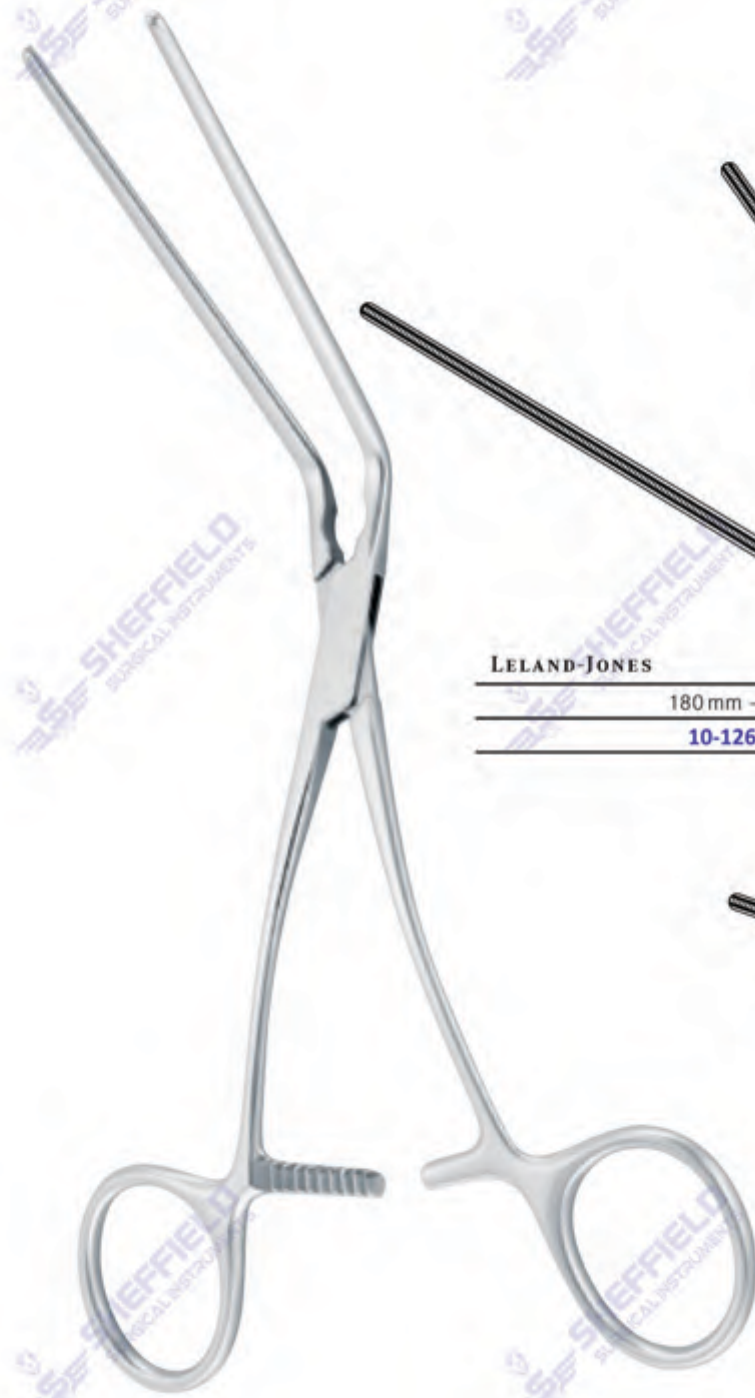
SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



LELAND-JONES

180 mm - 7"	190 mm - 7½"	200 mm - 8"
10-1264	10-1265	10-1266



190 mm - 7½"	200 mm - 8"
10-1267	10-1268

VASCULAR FORCEPS



**BAINBRIDGE,
LIGHT**

150 mm - 6"	180 mm - 7"	150 mm - 6"	180 mm - 7"
10-1269	10-1270	10-1271	10-1272



DE BAKHEY

200 mm - 8"

10-1273

**S-förmig gebogen
S-curved**

courbe en S

curva en S

curva a forma S

VASCULAR FORCEPS



DE BAKEY

260 mm – 10 $\frac{1}{4}$ "	270 mm – 10 $\frac{3}{4}$ "	310 mm – 12 $\frac{1}{4}$ "	330 mm – 13 $\frac{1}{4}$ "
10-1274	10-1275	10-1276	10-1277

C-förmig gebogen
C-curved
 courbe en C
 curva en C
 curva a forma C

VASCULAR FORCEPS



DE BAKEY

280 mm - 11"

10-1278

300 mm - 11¾"

10-1279

S-förmig gebogen
S-curved
 courbe en S
 curva en S
 curva a forma S

VASCULAR FORCEPS



WEBER

260 mm - 10 1/4"*

10-1280

links gebogen

curved left

courbe à gauche

curva a la izquierda

curvata a sinistra

260 mm - 10 1/4"*

10-1281

rechts gebogen

curved right

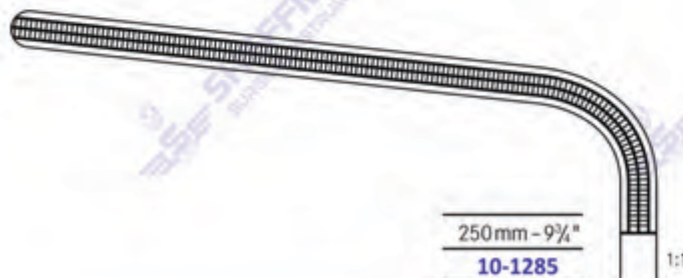
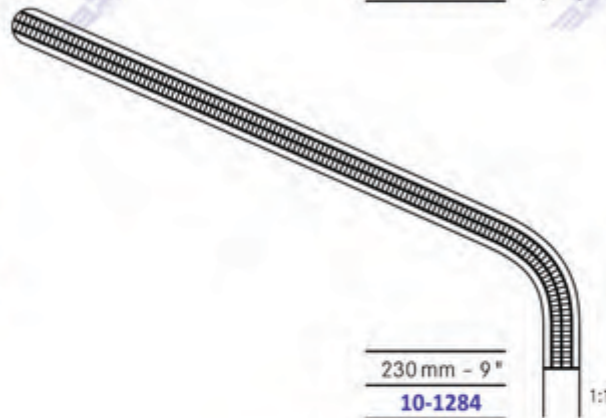
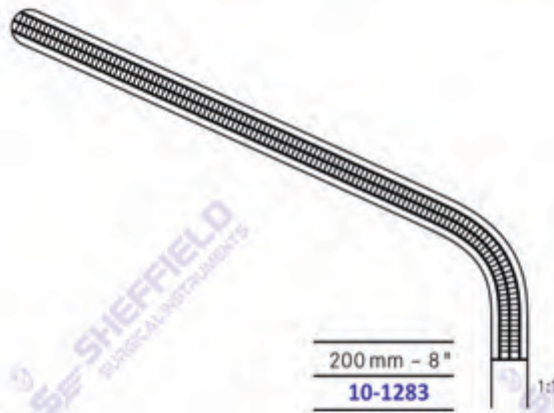
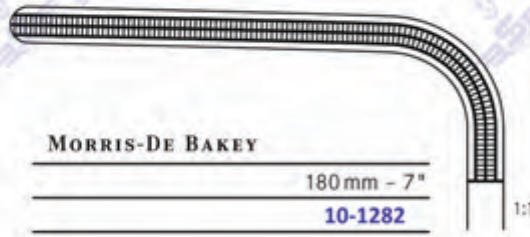
courbe à droite

curva a la derecha

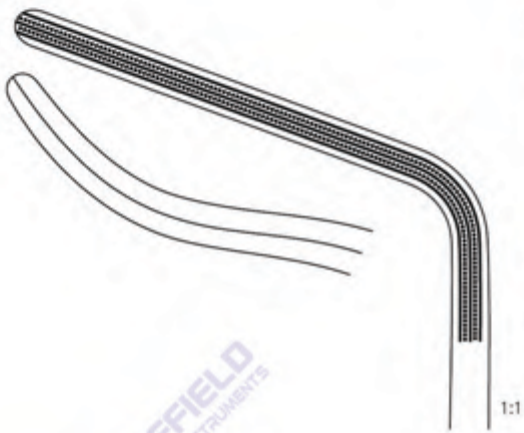
curvata a destra



VASCULAR FORCEPS



VASCULAR FORCEPS






DE BAKAY
270 mm - 10 $\frac{3}{4}$ "
10-1286

VASCULAR FORCEPS



**DE BAKEY-
BAHNSON**

		
1:1	1:1	1:1
240 mm - 9½"	250 mm - 9¾"	260 mm - 10¼"
10-1287	10-1288	10-1289

VASCULAR FORCEPS



DE BAKEY-SEMB

240 mm - 9½"

10-1290

10-1291

1:2



1:1

1:1



DE BAKEY

250 mm - 10"

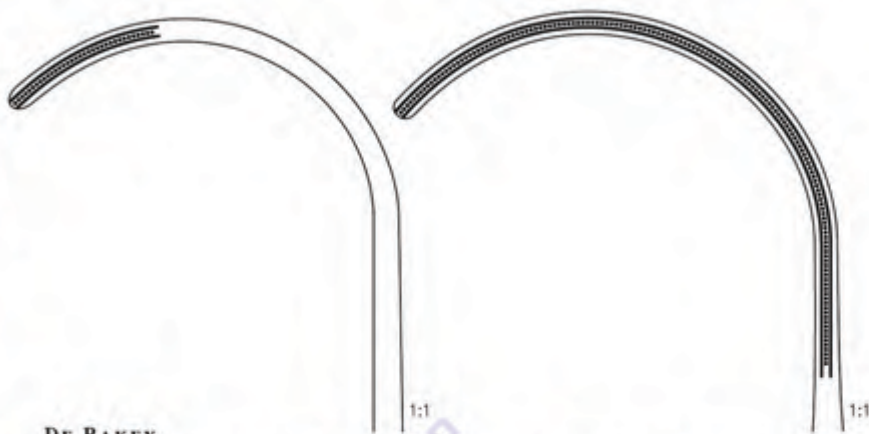
10-1292

260 mm - 10¼"

10-1293

1:1


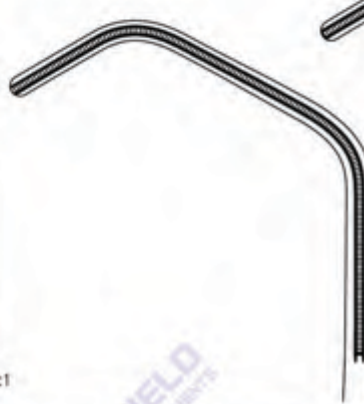

1:1



VASCULAR FORCEPS



**SATINSKY-
DE BAKY**

		
205 mm - 8"	240 mm - 9 $\frac{3}{4}$ "	250 mm - 10"
10-1294	10-1295	10-1296

	
265 mm - 10 $\frac{1}{2}$ "	275 mm - 10 $\frac{3}{4}$ "
10-1297	10-1298

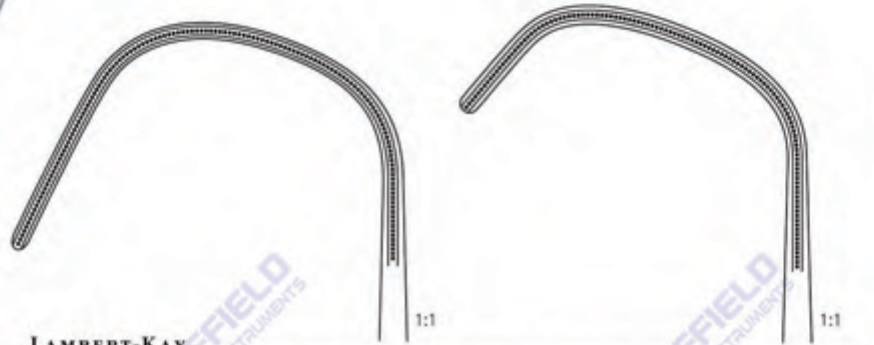
VASCULAR FORCEPS



LEES

230 mm - 9"	250 mm - 9¾"	250 mm - 9¾"
10-1299	10-1300	10-1301

VASCULAR FORCEPS



LAMBERT-KAY

200 mm - 8"

10-1302

10-1303

VASCULAR FORCEPS



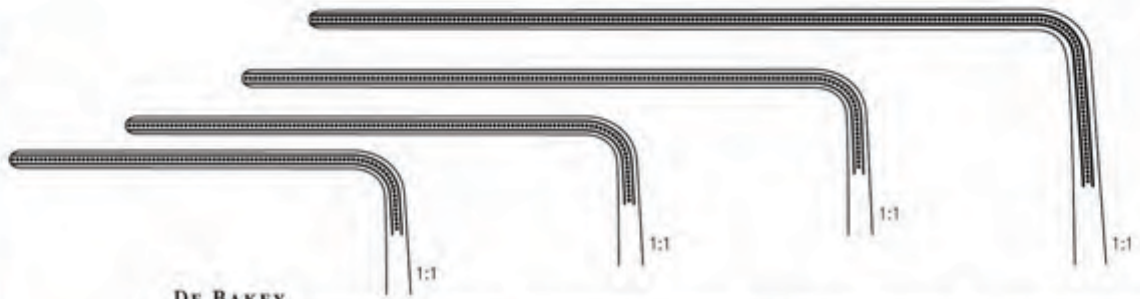
DE BAKY

215 mm - 8½"	230 mm - 9"	270 mm - 10¼"	315 mm - 12½"
10-1304	10-1305	10-1306	10-1307



215 mm - 8½"	230 mm - 9"	270 mm - 10¼"	315 mm - 12½"
10-1308	10-1309	10-1310	10-1311

VASCULAR FORCEPS



DE BAKEY

180 mm - 7"	190 mm - 7½"	230 mm - 9"	270 mm - 10¾"
10-1312	10-1313	10-1314	10-1315

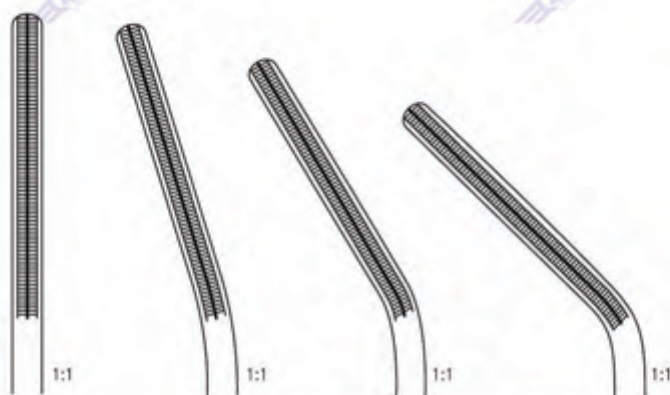


200 mm - 8"	210 mm - 8¼"	250 mm - 9¾"	300 mm - 12"
10-1316	10-1317	10-1318	10-1319

VASCULAR FORCEPS



DARDIK

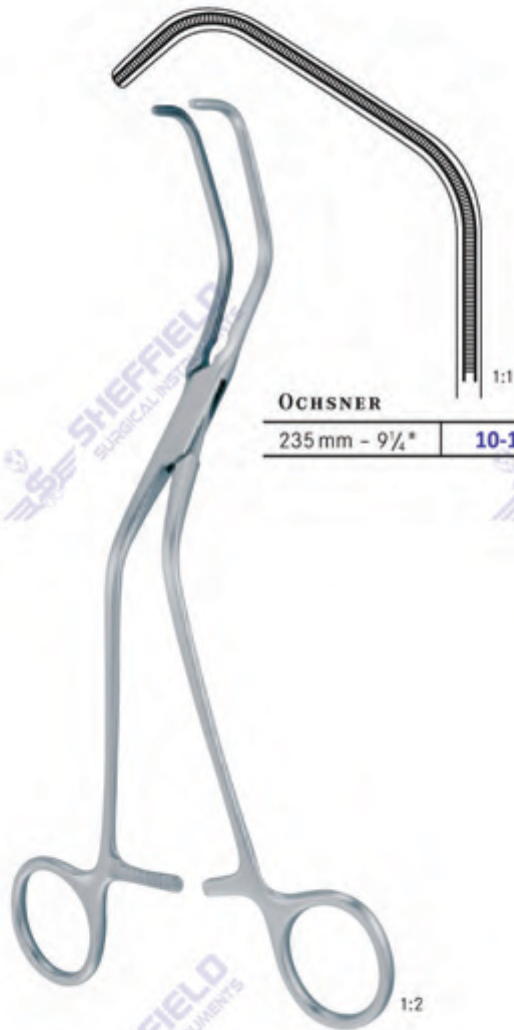


	0°	15°	30°	45°
170 mm - 6 3/4"	10-1320	10-1321	10-1322	10-1323

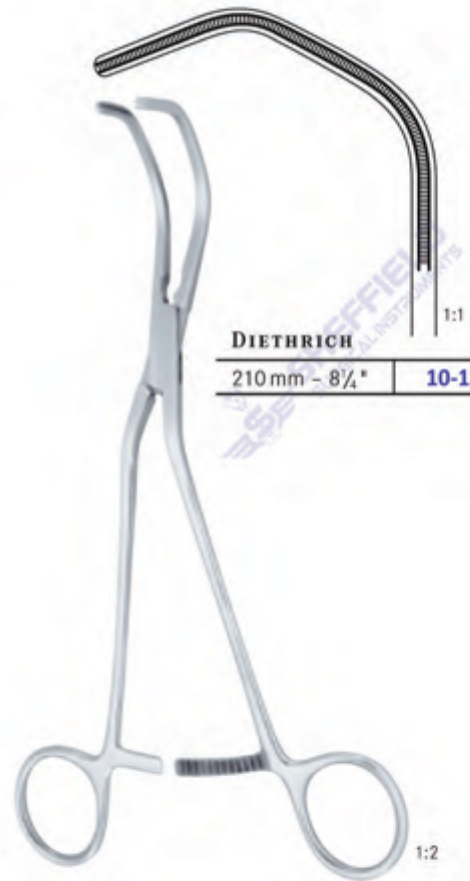


	90°
160 mm - 6 1/4"	10-1324

VASCULAR FORCEPS

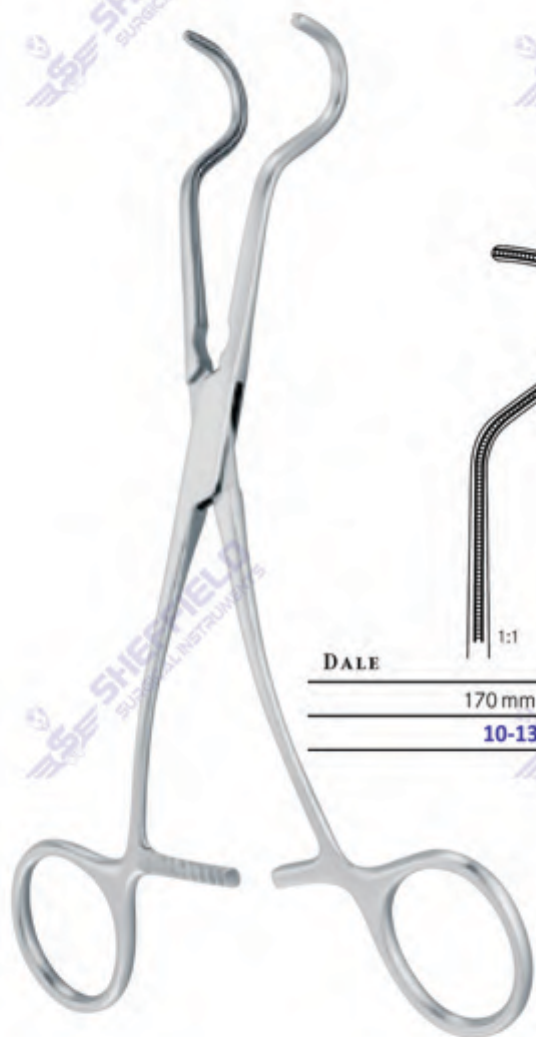


OCHSNER
235 mm - 9 $\frac{1}{4}$ "* | **10-1325**



DIETRICH
210 mm - 8 $\frac{1}{4}$ "* | **10-1326**

VASCULAR FORCEPS



DALE	170 mm - 6 $\frac{3}{4}$ "*	175 mm - 7"	185 mm - 7 $\frac{1}{4}$ "*
	10-1327	10-1328	10-1329



185 mm - 7 $\frac{1}{4}$ "*
10-1330

VASCULAR FORCEPS



**DE BAKEY-
WYLIE**



160 mm - 6 $\frac{1}{4}$ "

10-1331



180 mm - 7"

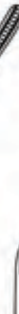
10-1332

**DE BAKEY-
WYLIE**



170 mm - 6 $\frac{3}{4}$ "

10-1333



200 mm - 8"

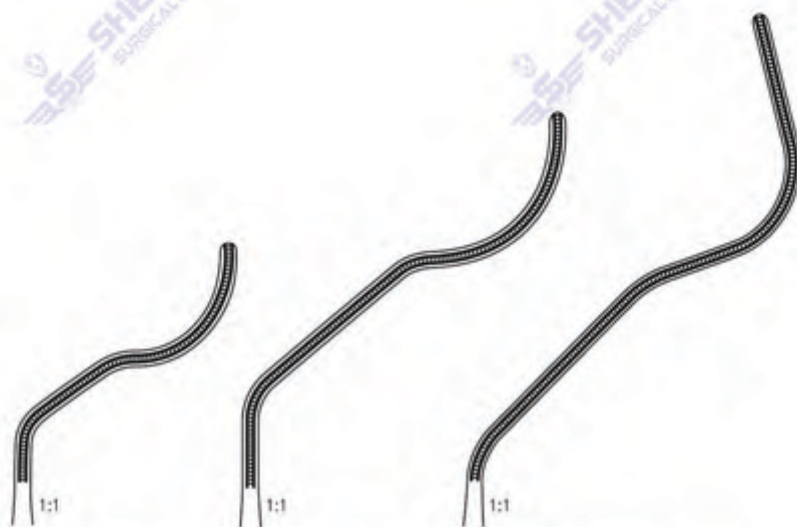
10-1334

VASCULAR FORCEPS



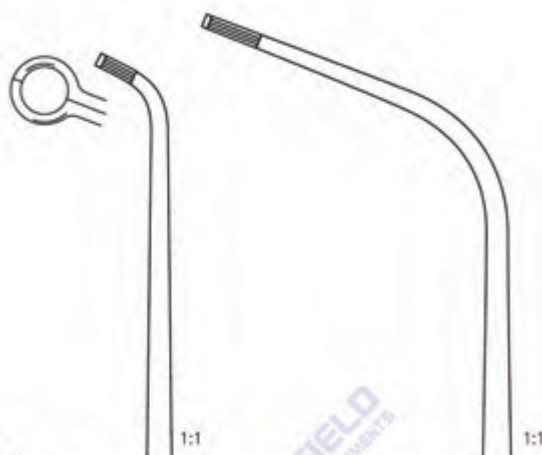
GREGORY

140 mm - 5½"	160 mm - 6¼"	180 mm - 7"
10-1335	10-1336	10-1337



JAVID

160 mm - 6¼"	190 mm - 7½"
10-1338	10-1339



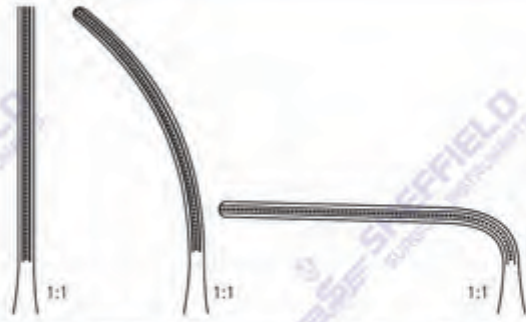
VASCULAR FORCEPS



DE BAKAY

120 mm - 4 $\frac{3}{4}$ "	110 mm - 4 $\frac{1}{4}$ "	100 mm - 4"
10-1340	10-1341	10-1342

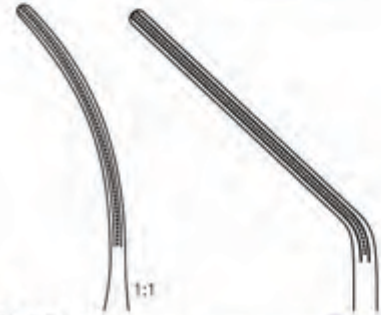
gerade
 straight
 droite
 recta
 retta



DE BAKAY

170 mm - 6 $\frac{3}{4}$ "
10-1345

gerade
 straight
 droite
 recta
 retta



DE BAKAY

120 mm - 4 $\frac{3}{4}$ "	130 mm - 5"
10-1343	10-1344

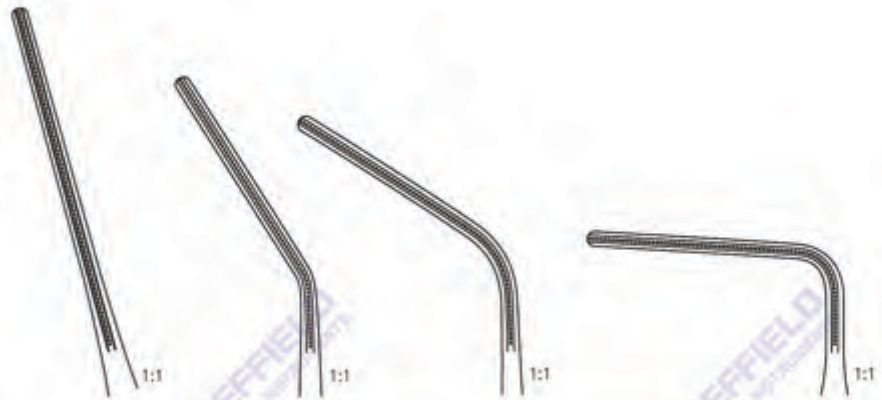
abgewinkelt
 angled on flat
 coudée sur le plat
 anuladoo
 angolata



DE BAKAY

170 mm - 6 $\frac{3}{4}$ "	160 mm - 6 $\frac{1}{4}$ "	150 mm - 6"	140 mm - 5 $\frac{1}{2}$ "
10-1346	10-1347	10-1348	10-1349

kniegebogen
 angled on flat
 coudée sur le plat
 acodada
 angolata



VASCULAR FORCEPS



GLOVER

205 mm - 8"	220 mm - 8 3/4"	260 mm - 10 1/4"
10-1350	10-1351	10-1352



205 mm - 8"	220 mm - 8 3/4"	260 mm - 10 1/4"
10-1353	10-1354	10-1355

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato

abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato

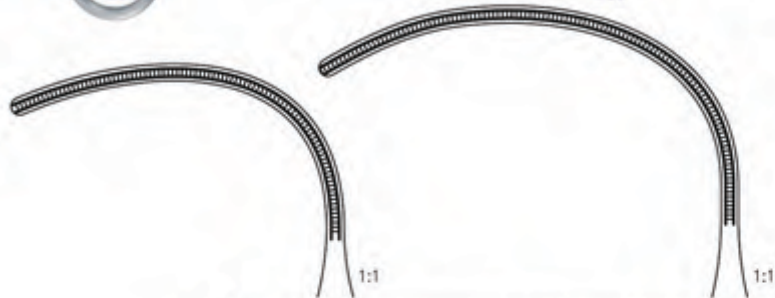
abgewinkelt
angled on flat
coudé sur le plat
angulado
angolato

VASCULAR FORCEPS



GLOVER

170 mm - 6 $\frac{3}{4}$ "	210 mm - 8 $\frac{1}{4}$ "	240 mm - 9 $\frac{1}{2}$ "
10-1356	10-1357	10-1358



185 mm - 7 $\frac{1}{4}$ "	220 mm - 8 $\frac{3}{4}$ "
10-1359	10-1360

VASCULAR FORCEPS



DERRA

160 mm - 6 $\frac{1}{4}$ "	170 mm - 6 $\frac{3}{4}$ "	180 mm - 7"
10-1361	10-1362	10-1363



BECK

170 mm - 6 $\frac{3}{4}$ "
10-1364

NEONTAL & CHILDRENS CLAMPS, EXTRA DELICATE PATTERNS








	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115mm - 4 1/2"	10-1365	10-1366	10-1367	10-1368

gebogen
 curved
 courbe
 curva
 curve

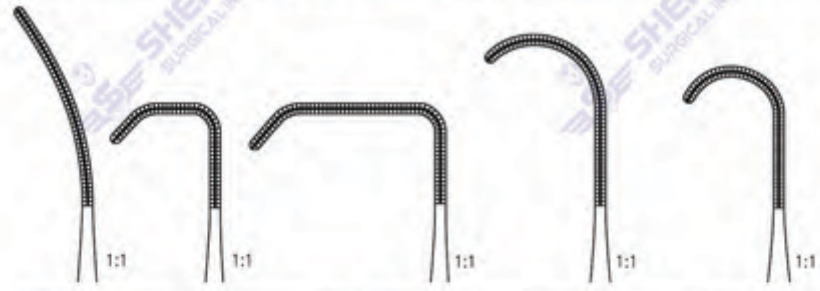


Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
10-1369	10-1370	10-1371	10-1372	10-1373

NEONTAL & CHILDRENS CLAMPS, EXTRA DELICATE PATTERNS



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm - 4½"	10-1374	10-1375	10-1376	10-1377

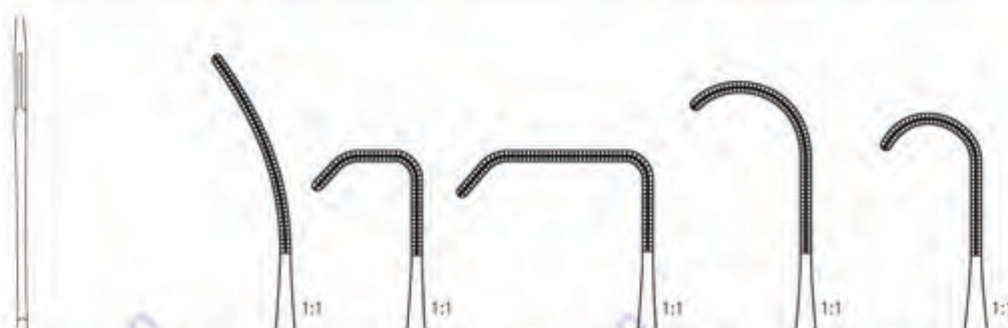


	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
115 mm - 4½"	10-1378	10-1379	10-1380	10-1381	10-1382



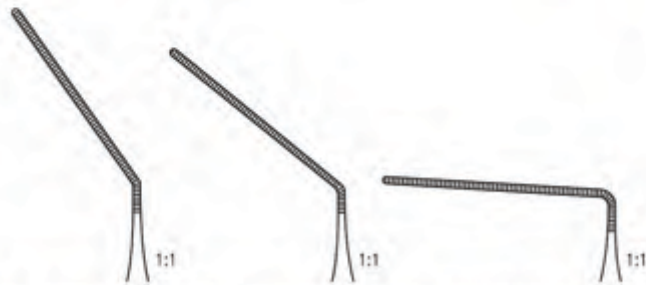
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
115 mm - 4½"	10-1383	10-1384	10-1385	10-1386

abgewinkelt
angled on flat
coudé sur le plat
angulato
angolato



	Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9
	10-1387	10-1388	10-1389	10-1390	10-1391

NEONTAL & CHILDRENS CLAMPS, EXTRA DELICATE PATTERNS



CASTAÑEDA

110 mm - 4 $\frac{1}{4}$ "			10-1394
130 mm - 5"	10-1392	10-1393	



120 mm - 4 $\frac{3}{4}$ "	10-1395	10-1396	10-1397	
150 mm - 6"				10-1398

VASCULAR FORCEPS



COOLEY

120 mm - 4 3/4"*

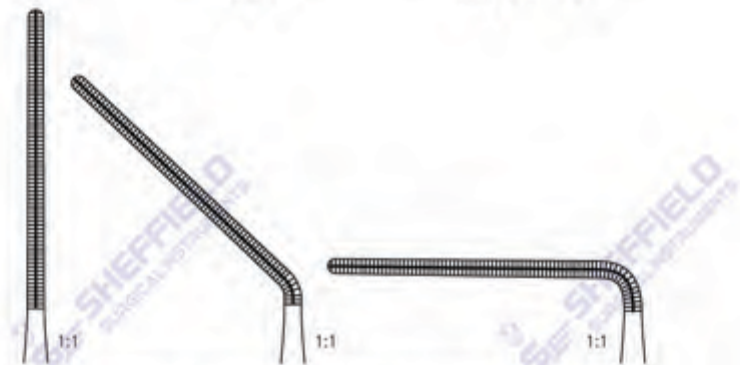


	10-1399	10-1400	10-1401
gerade <i>straight</i>		gebogen <i>curved</i>	S-förmig gebogen <i>S-curved</i>
droit <i>recta</i>		courbe <i>curva</i>	courbe en S <i>curva en S</i>
retta		curva	curva a forma S



COOLEY

120 mm - 4 3/4"*



	10-1402	10-1403	10-1404
seitlich gewinkelt <i>sideways angled</i>		abgewinkelt <i>angled on flat</i>	90° abgewinkelt <i>90° angled on flat</i>
coudé vers la coté <i>angulado al lado</i>		coudé sur le plat <i>angulado</i>	90° coudé sur le plat <i>90° angulado</i>
angolata lateralmente		angolato	90° angolato

COOLEY

170 mm - 6 3/4"*

10-1405

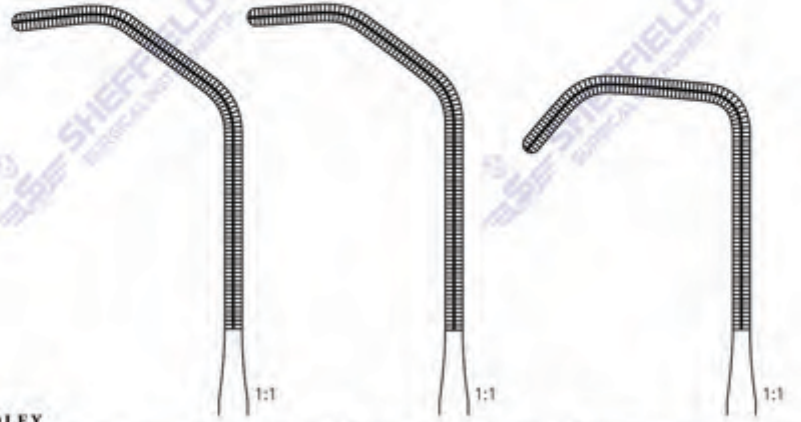
seitlich abgewinkelt
sideways angled
coudé vers la coté
angulado al lado
angolata lateralmente

1:1

VASCULAR FORCEPS



COOLEY



175 mm - 7"	175 mm - 7"	165 mm - 6½"
10-1406	10-1407	10-1408



165 mm - 6½"	170 mm - 6¾"
10-1409	10-1410



COOLEY-DERRA



165 mm - 6½"	170 mm - 6¾"	175 mm - 7"
10-1411	10-1412	10-1413

VASCULAR FORCEPS



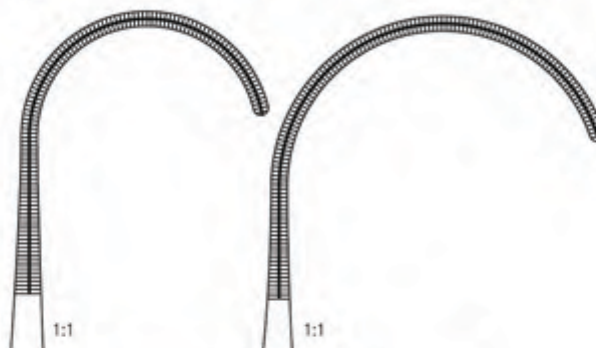
**COOLEY-
BECK**



150 mm - 6"	155 mm - 6"
10-1414	10-1415



COOLEY



150 mm - 6"	160 mm - 6 1/4"
10-1416	10-1417

VASCULAR FORCEPS



1:1



1:1

COOLEY

210 mm - 8 1/4"

250 mm - 9 3/4"

10-1418
10-1419

 seitwärts abgewinkelt
sidewards angled on flat
 coudé vers la coté
 angulado al lado
 angolata lateralmente

 seitwärts abgewinkelt
sidewards angled on flat
 coudé vers la coté
 angulado al lado
 angolata lateralmente


1:1



1:1

COOLEY

180 mm - 7"

185 mm - 7 1/4"

10-1420
10-1421

 gerade
straight
 droite
 recta
 retta

 abgewinkelt
angled on flat
 coudé sur le plat
 angulado
 angolata

VASCULAR FORCEPS



**COOLEY-
TANGENTIAL**



195 mm - 7 $\frac{1}{4}$ "	255 mm - 10"	260 mm - 10 $\frac{1}{4}$ "
10-1422	10-1423	10-1424



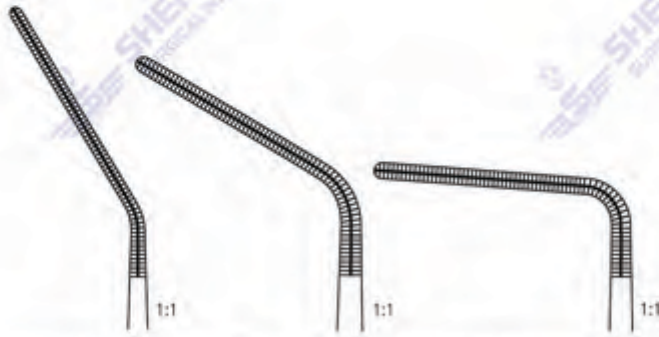
265 mm - 10 $\frac{1}{2}$ "	270 mm - 10 $\frac{3}{4}$ "
10-1425	10-1426

MULTI PURPOSE CLAMPS, PEDIATRIC, GRADUATED



COOLEY

165 mm - 6½"	160 mm - 6¼"	145 mm - 5¾"
25°	45°	90°
10-1427	10-1428	10-1429



COOLEY

160 mm - 6¼"	10-1430	10-1435
170 mm - 6¾"	10-1431	10-1436
200 mm - 8"	10-1432	
210 mm - 8½"	10-1433	
230 mm - 9"	10-1434	10-1437

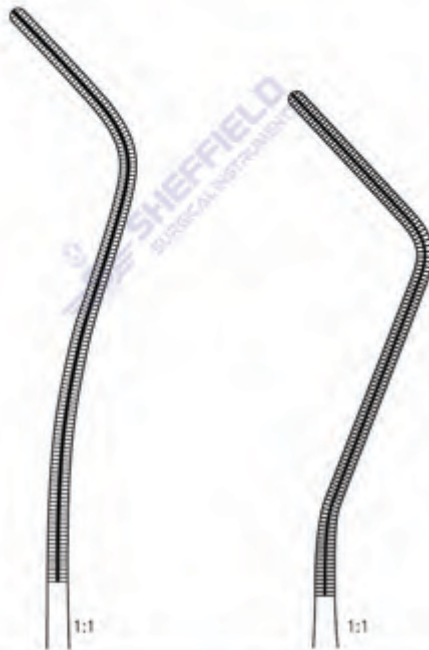
abgewinkelt, graduert
 angled on flat, graduated
 coudée sur le plat, graduée
 angulada, graduada
 angolata, graduata

MULTI PURPOSE CLAMPS, PEDIATRIC, GRADUATED



COOLEY

200 mm - 8"	195 mm - 7 $\frac{3}{4}$ "
10-1438	10-1439



COOLEY

	160 mm - 6 $\frac{1}{4}$ "	200 mm - 8"
x = 24 Charr.	10-1440	-
x = 26 Charr.	10-1441	-
x = 28 Charr.	-	10-1442
x = 30 Charr.	-	10-1443
x = 32 Charr.	-	10-1444
x = 36 Charr.	-	10-1445





MULTI PURPOSE CLAMPS



COOLEY
315 mm - 12½"
10-1446

S-förmig gebogen
S-curved
courbe en S
curva en S
curva a forma S

1:1



1:1

1:1

COOLEY


265 mm - 10½"

335 mm - 13¼"


10-1447

10-1448

VESICULAR DILATORS

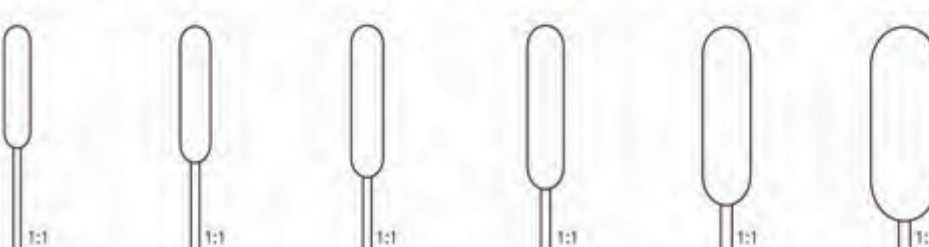


DE BAKEY




	0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø	2.5 mm Ø	3.0 mm Ø
190 mm - 7½"	10-1449	10-1451	10-1453	10-1455	10-1457	10-1459
350 mm - 13¾"	10-1450	10-1452	10-1454	10-1456	10-1458	10-1460


biegsam
malleable
malléable
maleable
flessibile



	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	7.0 mm Ø	9.0 mm Ø
190 mm - 7½"	10-1461	10-1463	10-1465	10-1467	10-1469	10-1471
350 mm - 13¾"	10-1462	10-1464	10-1466	10-1468	10-1470	10-1472




COOLEY



	0.5 mm Ø	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
130 mm - 5"	10-1473	10-1474	10-1475	10-1476

biegsam
malleable
malléable
maleable
flessibile



	2.5 mm Ø	3.0 mm Ø	4.0 mm Ø	5.0 mm Ø
130 mm - 5"	10-1477	10-1478	10-1479	10-1480

11

BONE SURGERY



AMPUTATION & RESECTION SAWS



CHARRIÈRE

350 mm - 13 3/4"	12 mm	11-1002
11-1001	15 mm	11-1003

Ersatzsägeblätter
Spare saw blades

Lames de rechange
Hojas de cambio
Lame di ricambio



**HELPERICH-
BIER**

390 mm - 15 1/2"	3 mm	11-1005
11-1004	5 mm	11-1006
	7 mm	11-1007

Ersatzsägeblätter
Spare saw blades

Lames de rechange
Hojas de cambio
Lame di ricambio





AMPUTATION & RESECTION SAWS



1:2

SATTERLEE

310 mm - 12 $\frac{1}{4}$ "

11-1008



1:2

LANGENBECK

230 mm - 9"

11-1009



CHARRIÈRE

270 mm - 10 $\frac{1}{4}$ "

11-1010

300 mm - 12"

11-1011

340 mm - 13 $\frac{1}{2}$ "

11-1012

RASPS, FILES



PUTTI

270 mm - 10 3/4"	11-1013	
300 mm - 12"		11-1014

280 mm - 11"

11-1015

halbrund
semicircular
semi-ronde
semi-redonda
semi-rotonda

245 mm - 9 3/4"

x - 13 mm

11-1016

halbrund
semicircular
semi-ronde
semi-redonda
semi-rotonda

220 mm - 8 3/4"

x - 20 mm

11-1017

flach
flat
plate
plana
piatta



MALLETS



DOYEN

	195 mm - 7 7/8"
25 mm Ø - 120 g	11-1018
30 mm Ø - 180 g	11-1019
35 mm Ø - 260 g	11-1020



COLLIN

	200 mm - 8"
30 mm Ø - 220 g	11-1021

1:2



HAJEK

	215 mm - 8 1/2"
27 mm Ø - 140 g	11-1022

1:2



KIRK

	190 mm - 7 1/2"
38 mm Ø - 750 g	11-1023

1:2

MALLETS



PARTSCH

180 mm - 7"

22 mm Ø - 200 g

11-1024

1:2



LUCAE

190 mm - 7½"

19 mm Ø - 230 g **11-1025**

25 mm Ø - 260 g **11-1026**

1:2



MALLETS



BERGMANN

245 mm - 9 $\frac{3}{4}$ "
45 mm \varnothing - 300 g
11-1027



OMBREDANNE

240 mm - 9 $\frac{1}{2}$ "
40 mm \varnothing - 550 g
11-1028



HEATH

40 mm \varnothing - 700 g	180 mm - 7"	11-1029
45 mm \varnothing - 1000 g	200 mm - 8"	11-1030

Kupferfüllung

Copper filled head

Rempli de cuivre

Llenado de cobre

Riempito di rame

MALLETS



1:2

190 mm - 7½"

25 mm Ø - 205 g

11-1031

Massiver Stahl, mit Kunststoffbacken
Solid steel, with plastic faces

Acier solid, avec plaques en plastique
Acero solido, con placas en plastica
Acciaio massiccio, con punte di plastica

11-1032

Ersatzbacken, 1 Paar
Spare faces, 1 pair

Plaques de rechange, 1 paire
Placas de cambio, 1 par
Punte di ricambio, 1 paio



1:2

COTTLE

185 mm - 7¼"

30 mm Ø - 240 g

11-1033

1 Seite flach / 1 Seite convex
1 side flat / 1 side convex

1 coté plat / 1 coté convex
1 lado plano / 1 lado convexo
1 lato piatto / 1 lato convesso



1:2

280 mm - 11"

35 mm Ø - 450 g

11-1034

50 mm Ø - 900 g

11-1035

MALLETS



WILLIGER

	240 mm - 9½"
28 mm Ø - 340 g	11-1036
30 mm Ø - 400 g	11-1037

bleigefüllt
lead filled

rempli de plomb
llenado con plomo
 riempito di piombo



1:2

WILLIGER

165 mm - 6½"
 20 mm Ø - 140 g

11-1038



1:2

MEAD

170 mm - 6¾"
 26 mm Ø - 320 g

11-1039

Stahl massiv, mit Kunststoffbacken
Steel solid, with plastic faces

Acier solid, avec plaques en plastique
Acero solido, con placas en plastica
 Accaio massiccio, con punte di plastica

11-1040

Ersatzbacken, 1 Paar
Spare faces, 1 pair

Plaques de rechange, 1 paire
Placas de cambio, 1 par
 Punte di ricambio, 1 paio

MALLETS



1:2

225 mm – 8 7/8"

37 mm Ø – 370 g

11-1041

Kopf massiver Stahl, mit Ferrozellbacken

Head solid steel, with Ferrozell faces

Tête acier solid, avec plaques en Ferrozell

Cabeza acero solido, con placas en Ferrozell

Testa acciaio massiccio, con punte di Ferrozell

11-1042

Ersatzbacken, 1 Paar

Spare faces, 1 pair

Plaques de rechange, 1 paire

Placas de cambio, 1 par

Punte di ricambio, 1 paio



1:2

240 mm – 9 1/2"

30 mm Ø – 480 g

11-1043

Kopf massiver Stahl, mit Ferrozellstiel

Head solid steel, Ferrozell handle

Tête acier solid, manche en matière Ferrozell

Cabeza acero solido, con mango en Ferrozell

Testa acciaio massiccio, con manico di Ferrozell

MALLETS



1:2

	42 mm Ø - 250 g	42 mm Ø - 400 g
260 mm - 10¼"	11-1044	11-1045

Ferrozell, ohne Blei

Ferrozell, without lead

Ferrozell, sans plomb

Ferrozell, sin plomo

Ferrozell, senza piombo

Kunststoff, bleigefüllt

Plastic, lead filled

Matière plastique, rempli de plomb

Plastico, llenado con plomo

Plastica, riempito di piombo



1:2

	30 mm Ø - 450 g	50 mm Ø - 900 g
265 mm - 10½"	11-1046	11-1047

BONE CHISELS, GOUGES



185 mm - 7 1/4"

11-1048



90 mm - 3 1/2"

11-1053

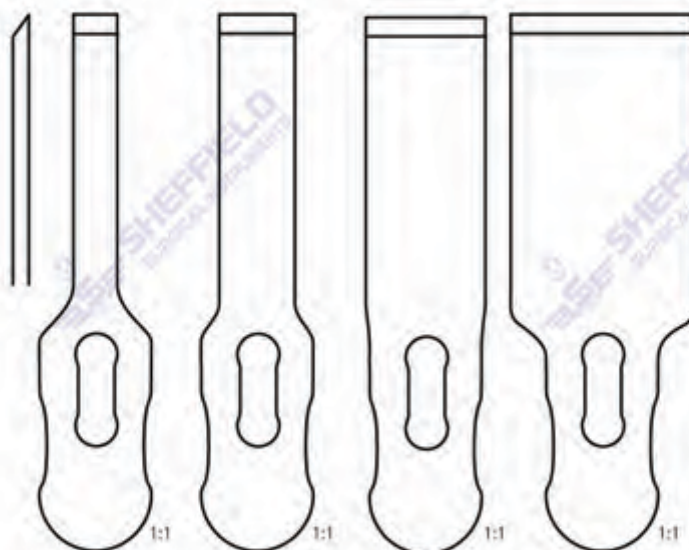
Spannschlüssel

Key

Clé

Llave

Chiave



	5 mm	10 mm	16 mm	25 mm
85 mm - 3 1/4"	11-1049	11-1050	11-1051	11-1052

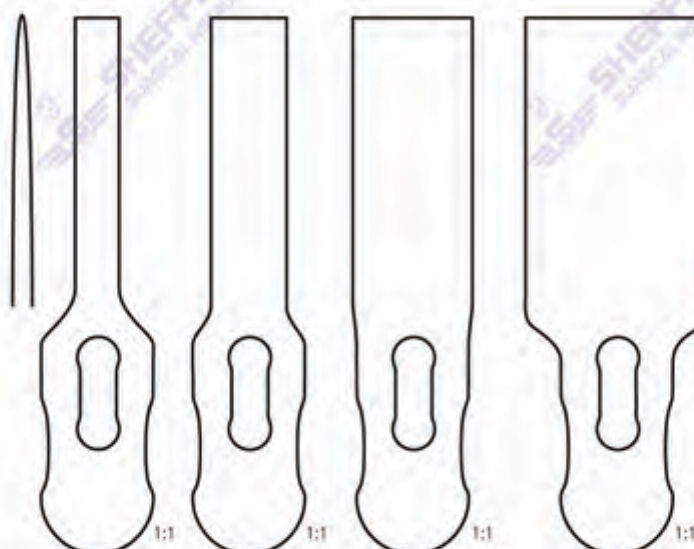
Meißelklingen, auswechselbar

Chisel blades, interchangeable

Lames ciseaux-burin, interchangeables

Hojas de cincel, intercambiables

Lame, intercambiabili



	5 mm	10 mm	16 mm	25 mm
85 mm - 3 1/4"	11-1054	11-1055	11-1056	11-1057

Osteotomklingen, auswechselbar

Osteotome blades, interchangeable

Lames d'osteotomos interchangeables

Hojas de osteótomo, intercambiables

Lame per osteotomia, intercambiabili

BONE CHISELS, GOUGES



	135 mm - 5 1/4"	135 mm - 5 1/4"	135 mm - 5 1/4"
8 mm	11-1058	11-1063	11-1068
10 mm	11-1056	11-1064	11-1069
12 mm	11-1060	11-1065	11-1070
14 mm	11-1061	11-1066	11-1071
16 mm	11-1062	11-1067	11-1072



	160 mm - 6 1/4"	160 mm - 6 1/4"
3 mm		11-1075
4 mm	11-1073	11-1076
5 mm		11-1077
6 mm	11-1074	11-1078

Flachmeißel	Hohlmeißel
Chisel	Gouge
Ciseau burin	Gouge
Cinzel	Gubia
Scalpello	Sgorbi



	180 mm - 7"	180 mm - 7"
4 mm	11-1079	11-1085
6 mm	11-1080	11-1086
8 mm	11-1081	11-1087
10 mm	11-1082	11-1088
12 mm	11-1083	11-1089
14 mm	11-1084	11-1090

BONE CHISELS, GOUGES



PARTSCH

	115 mm - 4½"	135 mm - 5¼"	170 mm - 6¾"
2 mm	11-1091	11-1098	11-1105
3 mm	11-1092	11-1099	11-1106
4 mm	11-1093	11-1100	11-1107
5 mm	11-1094	11-1101	11-1108
6 mm	11-1095	11-1102	11-1109
7 mm	11-1096	11-1103	11-1110
8 mm	11-1097	11-1104	11-1111

	115 mm - 4½"	135 mm - 5¼"	170 mm - 6¾"
	11-1112	11-1119	11-1126
	11-1113	11-1120	11-1127
	11-1114	11-1121	11-1128
	11-1115	11-1122	11-1129
	11-1116	11-1123	11-1130
	11-1117	11-1124	11-1131
	11-1118	11-1125	11-1132

BONE CHISELS, GOUGES



LAMBOTTE

	250 mm - 9 ³ / ₄ "*	250 mm - 9 ³ / ₄ "*
6 mm	11-1133	11-1144
8 mm	11-1134	11-1145
10 mm	11-1135	11-1146
13 mm	11-1136	11-1147
15 mm	11-1137	11-1148
20 mm	11-1138	11-1149
25 mm	11-1139	11-1150
30 mm	11-1140	11-1151
38 mm	11-1141	11-1152
44 mm	11-1142	11-1153
50 mm	11-1143	11-1154



MINI-LAMBOTTE

	125 mm - 5"	170 mm - 6 ³ / ₄ "*
3 mm	11-1155	11-1162
4 mm	11-1156	11-1163
6 mm	11-1157	11-1164
8 mm	11-1158	11-1165
10 mm	11-1159	11-1166
12 mm	11-1160	11-1167
15 mm	11-1161	11-1168

BONE CHISELS, GOUGES



LEXER

	220 mm - 8 3/4"	300 mm - 12"	220 mm - 8 3/4"	300 mm - 12"
7 mm	11-1169	11-1175	11-1181	11-1188
10 mm	11-1170	11-1176	11-1182	11-1189
15 mm	11-1171	11-1177	11-1183	11-1190
20 mm	11-1172	11-1178	11-1184	11-1191
25 mm	11-1173	11-1179	11-1185	11-1192
30 mm	11-1174	11-1180	11-1187	11-1193

Ferrozellgriff

Ferrozell handle

Manche en Ferrozell

Mango en Ferrozell

Manico di Ferrozell

MINI-LEXER

	180 mm - 7"	180 mm - 7"
4 mm	11-1194	11-1199
6 mm	11-1195	11-1200
8 mm	11-1196	11-1201
10 mm	11-1197	11-1202
12 mm	11-1198	11-1203

Ferrozellgriff

Ferrozell handle

Manche en Ferrozell

Mango en Ferrozell

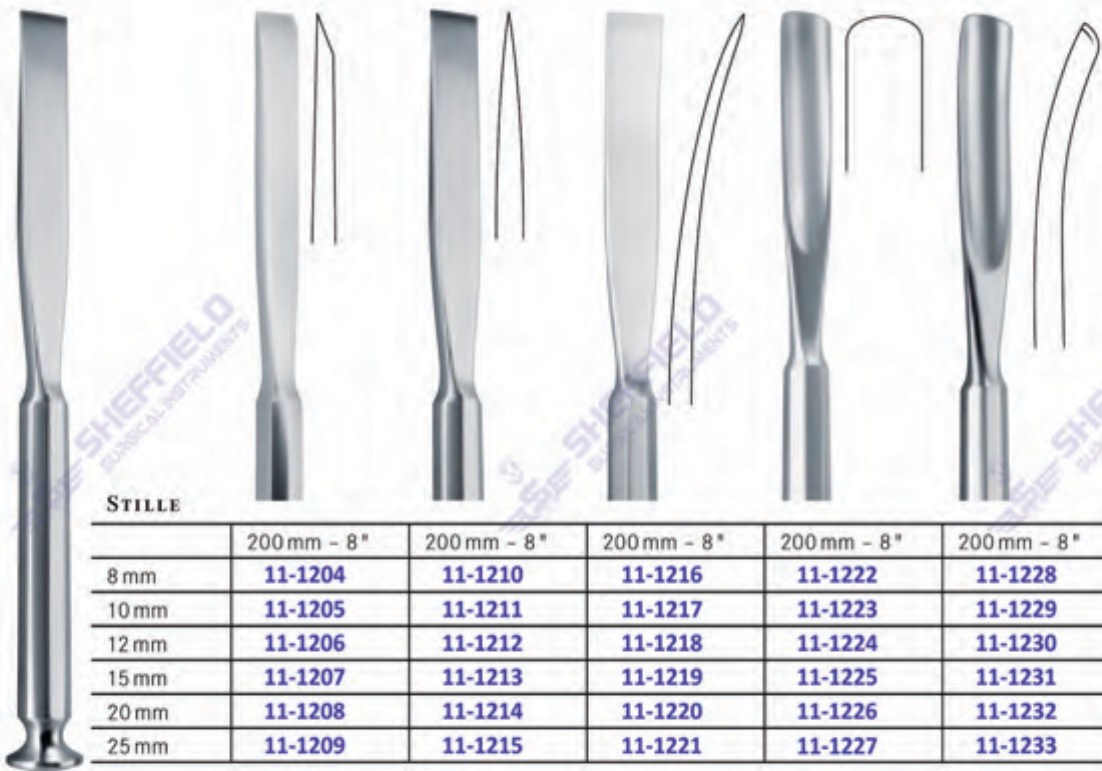
Manico di Ferrozell

BONE CHISELS, GOUGES

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:2

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

BONE CHISELS, GOUGES



FREER

	150 mm - 6"	160 mm - 6 1/4"
6 mm	11-1234	
4 mm		11-1235

Hohlmeißel
Gouge
Gouge
Gubia
Sgorbio

Flachmeißel
Chisel
Ciseau-burin
Cinzel
Scalpello



BALLENGER

	160 mm - 6 1/4"
4 mm	11-1236
6 mm	11-1237
8 mm	11-1238



**MANNERFELT
MODIF.**

	155 mm - 6"	155 mm - 6"
3 mm		11-1242
4 mm	11-1239	
6 mm	11-1240	
8 mm	11-1241	

Osteotome
Osteotomes
Ostéotomes
Osteótomos
Osteotomi

Hohlmeißel
Gouge
Gouge
Gubia
Sgorbio

CHISELS, OSTEOTOMES FOR RHINOPLASTIC


KILIAN

160 mm - 6 1/4"

5 mm

11-1243

KILIAN-CLAUS

160 mm - 6 1/4"

5 mm

11-1244

COTTLE

150 mm - 6"

7 mm

11-1245

12 mm

11-1246

COTTLE

190 mm - 7 1/2"

4 mm

11-1247

6 mm



180 mm - 7"

11-1248

FOMON


4 mm



5 mm



6 mm



7 mm



8 mm

170 mm - 6 3/4"

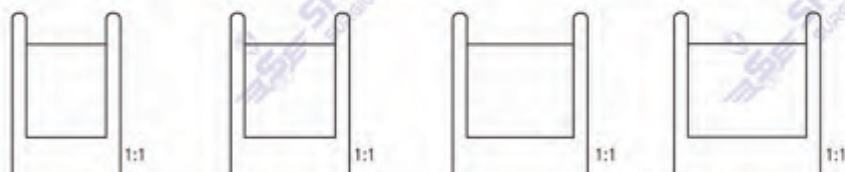
11-1249
11-1250
11-1251
11-1252
11-1253

CHISELS, OSTEOTOMES FOR RHINOPLASTIC



CINELLI

	10 mm	12 mm	14 mm	16 mm
180 mm - 7"	11-1254	11-1255	11-1256	11-1257



COTTLE

	4 mm	7 mm	9 mm	12 mm
180 mm - 7"	11-1258	11-1259	11-1260	11-1261

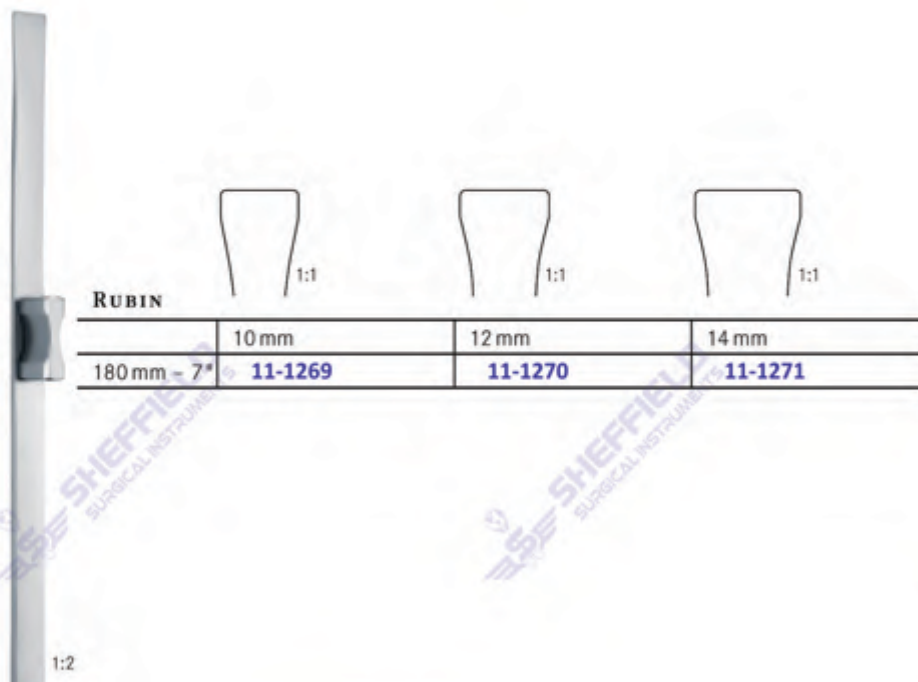
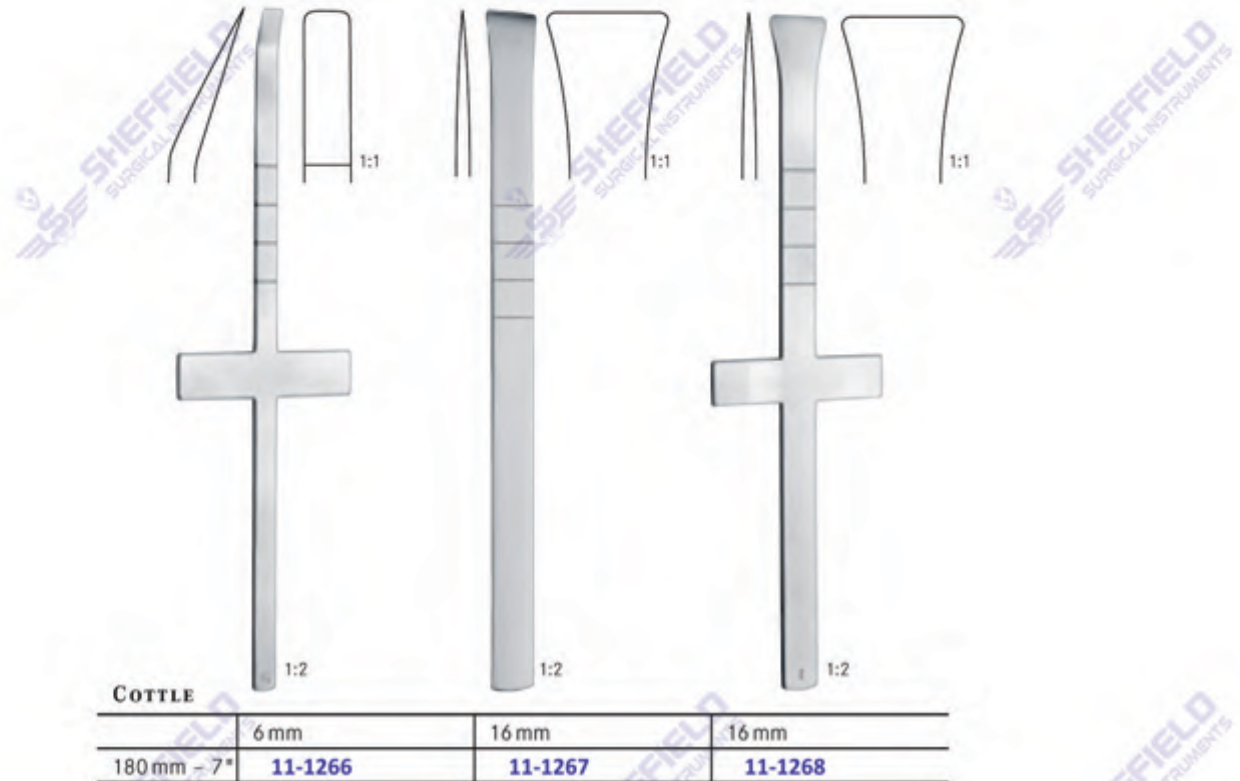


COTTLE

	4 mm	7 mm	9 mm	12 mm
180 mm - 7"	11-1262	11-1263	11-1264	11-1265



CHISELS, OSTEOTOMES FOR RHINOPLASTIC



CHISELS, OSTEOTOMES FOR RHINOPLASTIC





COTTLE

	 1:1	 1:1	 1:1	 1:1
	4 mm	7 mm	9 mm	12 mm
200 mm – 8°	11-1272	11-1273	11-1274	11-1275



1:2





WALTER

	 1:1	 1:1
	3 mm	4,5 mm
190 mm – 7½°	11-1276	11-1277







1:2

SHEEHAN

	 1:1	 1:1	 1:1	 1:1
	2 mm	4 mm	6 mm	8 mm
160 mm – 6¼°	11-1278	11-1279	11-1280	11-1281



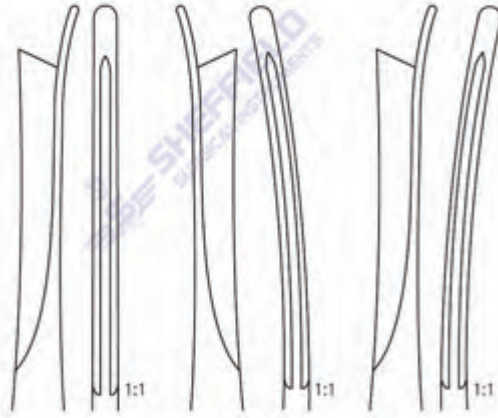
1:2

	 1:1	 1:1	 1:1	 1:1
	10 mm	12 mm	15 mm	18 mm
	11-1282	11-1283	11-1284	11-1285

CHISELS, OSTEOTOMES FOR RHINOPLASTIC



1:2

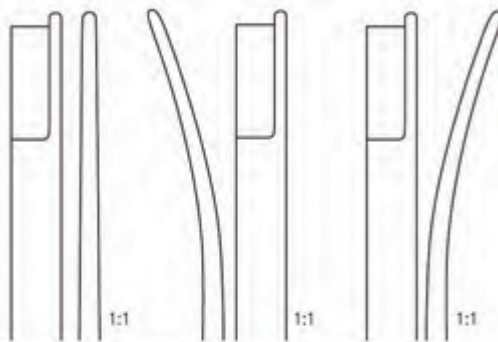


SILVER

180 mm - 7"	11-1286	11-1287	11-1288
	<i>gerade</i>	<i>rechts</i>	<i>links</i>
	<i>straight</i>	<i>right</i>	<i>left</i>
	<i>droit</i>	<i>droite</i>	<i>gauche</i>
	<i>recta</i>	<i>derecha</i>	<i>izquierda</i>
	<i>retta</i>	<i>destra</i>	<i>sinistra</i>



1:2



NEIVERT-ANDERSON

200 mm - 8"	11-1289	11-1290	11-1291
	<i>gerade</i>	<i>rechts</i>	<i>links</i>
	<i>straight</i>	<i>right</i>	<i>left</i>
	<i>droit</i>	<i>droite</i>	<i>gauche</i>
	<i>recta</i>	<i>derecha</i>	<i>izquierda</i>
	<i>retta</i>	<i>destra</i>	<i>sinistra</i>

OSTEOTOMES FOR MAXILLO-FACIAL SURGERY



OBWEGESER

235 mm - 9 1/4"

11 mm

11-1292

1:2



OBWEGESER

7 mm

10 mm

215 mm - 8 1/2"

11-1293








11-1294

1:2



1:2

TAMPERS



	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø	8 mm Ø	10 mm Ø
155 mm - 6"	11-1295	11-1296	11-1297	11-1298	11-1299	11-1300	11-1301






PASSOW	 1:1	 1:1
	Fig. 1	Fig. 2
	2.5 mm x 2.5 mm	3.5 mm x 3.5 mm
120 mm - 4 3/4"	11-1302	11-1303








CASPAR	 1:1	 1:1	 1:1
	3 mm Ø	5 mm Ø	8 mm Ø
200 mm - 8"	11-1304	11-1305	11-1306








	 1:1	 1:1	 1:1
	12 mm Ø	14 mm Ø	16 mm Ø
200 mm - 8"	11-1307	11-1308	11-1309






BONE CURUTTES





VOLKMANN	 1:1	 1:1	 1:1	 1:1	 1:1
		Fig. 0000	Fig. 000	Fig. 00	Fig. 0
170 mm - 6 3/4"	11-1310	11-1311	11-1312	11-1313	11-1314

 1:1	 1:1	 1:1	 1:1	 1:1
Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
11-1315	11-1316	11-1317	11-1318	11-1319












SCHEDE	 1:1	 1:1	 1:1	 1:1	 1:1
		Fig. 000	Fig. 00	Fig. 0	Fig. 1
170 mm - 6 3/4"	11-1320	11-1321	11-1322	11-1323	11-1324










 1:1	 1:1
Fig. 3	Fig. 4
11-1325	11-1326

BONE CURUTTES









SPRATT			
	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00
170mm - 6 $\frac{3}{4}$ "	11-1327	11-1328	11-1329
	 1:1	 1:1	 1:1
	Fig. 0	Fig. 1	Fig. 2
	11-1330	11-1331	11-1332
	 1:1	 1:1	 1:1
	Fig. 3	Fig. 4	Fig. 5
	11-1333	11-1334	11-1335



BRUNS			
	 1:1	 1:1	 1:1
	Fig. 000	Fig. 00	Fig. 0
160mm - 6 $\frac{3}{4}$ "	11-1336	11-1337	11-1338
	 1:1	 1:1	 1:1
	Fig. 1	Fig. 2	Fig. 3
	11-1339	11-1340	11-1341
	 1:1	 1:1	 1:1
	Fig. 4	Fig. 5	Fig. 6
	11-1342	11-1343	11-1344

BONE CURUTTES



VOLKMANN	 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2
185 mm - 7 1/4"	11-1345	11-1346	11-1347	11-1348	11-1349	11-1350





oval, mit Kunststoffgriff






oval, with plastic handle

ovale, avec manche en matière plastique

ovalada, con mango plástico






ovale, con manico in plastica






	 1:1	 1:1	 1:1	 1:1
	Fig. 3	Fig. 4	Fig. 5	Fig. 6
190 mm - 7 1/2"	11-1351	11-1352	11-1353	11-1354






	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
275 mm - 10 3/4"	11-1355	11-1356	11-1357	11-1358	11-1359






BONE CURUTTES



BRUNS	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1
230 mm - 9"	11-1360	11-1361	11-1362	11-1363	11-1364
<i>gerade</i>					
<i>straight</i>					
<i>droit</i>					
<i>recta</i>					
<i>retto</i>					

BRUNS	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
230 mm - 9"	11-1365	11-1366	11-1367	11-1368	11-1369
<i>gerade</i>					
<i>straight</i>					
<i>droit</i>					
<i>recta</i>					
<i>retto</i>					

BRUNS	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 0000	Fig. 000	Fig. 00	Fig. 0	Fig. 1
230 mm - 9"	11-1370	11-1371	11-1372	11-1373	11-1374
<i>gebogen</i>					
<i>curved</i>					
<i>courbe</i>					
<i>curva</i>					
<i>curvo</i>					

BRUNS	 1:1	 1:1	 1:1	 1:1	 1:1
	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
230 mm - 9"	11-1375	11-1376	11-1377	11-1378	11-1379
<i>gebogen</i>					
<i>curved</i>					
<i>courbe</i>					
<i>curva</i>					
<i>curvo</i>					

BONE CURUTTES



1:2

HALLE

	Fig. 1	Fig. 2	Fig. 3
210 mm - 8 1/4"	11-1380	11-1381	11-1382

flexibel
flexible
flexible
flexible
flessibile



1:2



1:2

UFFENORDE

	Fig. 1	Fig. 2
170 mm - 6 3/4"	11-1383	11-1384



1:2

BRUNS

	Fig. 00	Fig. 0	Fig. 1	Fig. 2
230 mm - 9"	11-1385	11-1386	11-1387	11-1388

massiv
solid
solide
macizo
massiccio



Fig. 3	Fig. 4	Fig. 5	Fig. 6
11-1389	11-1390	11-1391	11-1392

BONE CURUTTES


SCHROEDER


	Fig. 1	Fig. 2	Fig. 3
300 mm - 12"	11-1393	11-1394	11-1395

scharf / fest
sharp / rigid

tranchante / rigide
cortante / rigida
tagliente / rigido



	Fig. 4	Fig. 5	Fig. 6
	11-1396	11-1397	11-1398

1:2


SIMON


	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
240 mm - 9 1/2"	11-1399	11-1400	11-1401	11-1402

scharf / fest
sharp / rigid

tranchante / rigide
cortante / rigida
tagliente / rigido


SIMON

	Fig. 1	Fig. 2	Fig. 3
250 mm - 9 3/4"	11-1403	11-1404	11-1405

scharf / fest
sharp / rigid

tranchante / rigide
cortante / rigida
tagliente / rigido



	Fig. 4	Fig. 5	Fig. 6
	11-1406	11-1407	11-1408

1:2

BONE CURUTTES



1:2



Fig. 000



Fig. 00



Fig. 0

	Fig. 000	Fig. 00	Fig. 0
200 mm – 8"	11-1409	11-1410	11-1411

gerade
straight
droit
recta
retto



Fig. 1



Fig. 2



Fig. 3

11-1412

11-1413

11-1414



Fig. 4



Fig. 5



Fig. 6

11-1415

11-1416

11-1417



1:2



Fig. 000



Fig. 00



Fig. 0

	Fig. 000	Fig. 00	Fig. 0
200 mm – 8"	11-1418	11-1419	11-1420

gebogen
curved
courbe
curva
curvo



Fig. 1



Fig. 2



Fig. 3

11-1421

11-1422

11-1423



Fig. 4



Fig. 5



Fig. 6

11-1424

11-1425

11-1426

BONE CURUTTES



gerade
 straight
 droit
 recta
 retto



	Fig. 000	Fig. 00	Fig. 0	Fig. 1
	3.6 mm	4.4 mm	5.2 mm	6.8 mm
250 mm - 9 3/4"	11-1427	11-1428	11-1429	11-1430



DAUBENSPECK



	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	2.8 mm	3.6 mm	4.4 mm	5.2 mm
200 mm - 8"	11-1431	11-1432	11-1433	11-1434

BONE CURUTTES



1:2

SCOVILLE



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
250 mm - 9 3/4"	11-1435	11-1436	11-1437

oval
oval
ovale
ovalada
ovale



1:2

LEMPERT



1:1



1:1



1:1



1:1



1:1

	Fig. 00000	Fig. 0000	Fig. 000	Fig. 00	Fig. 0
	1.8 mm	2.0 mm	2.4 mm	2.6 mm	2.8 mm
215 mm - 8 1/2"	11-1438	11-1439	11-1440	11-1441	11-1442

BONE CURUTTES, DOUBLE ENDED



VOLKMANN

130 mm - 5"	11-1443	11-1446
140 mm - 5½"	11-1444	
160 mm - 6¼"		11-1447
170 mm - 6¾"	11-1445	
200 mm - 8"		11-1448

oval / oval

oval / oval

ovale / ovale

ovalada / ovalada

ovale / ovale

rund / oval

round / oval

ronde / ovale

redonda / ovalada

rotondo / ovale

210 mm - 8¼"

11-1449

rund / oval

round / oval

ronde / ovale

redonda / ovalada

rotondo / ovale

BONE CURUTTES, DOUBLE ENDED



1:2



MARTINI

	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm - 5 1/4"	11-1450	11-1451	11-1452



1:2



MARTINI

	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm - 6"	11-1453	11-1454	11-1455



1:2



WILLIGER

	Fig. 00	Fig. 0	Fig. 1
	Fig. 0	Fig. 1	Fig. 2
135 mm - 5 1/4"	11-1456	11-1457	11-1458



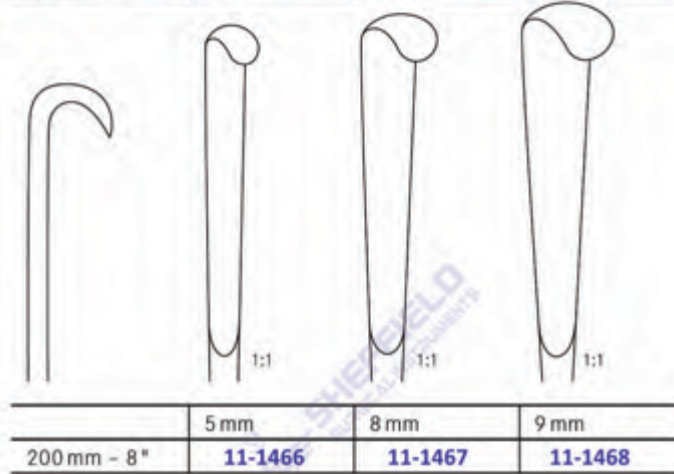
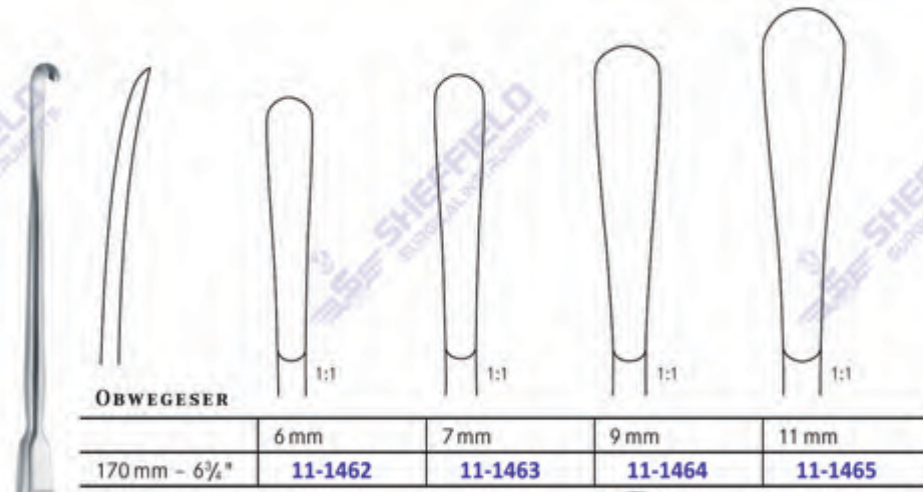
1:2



WILLIGER

	Fig. 00	Fig. 0	Fig. 1
	Fig. 00	Fig. 0	Fig. 1
155 mm - 6"	11-1459	11-1460	11-1461

PERIOSTEAL ELEVATORS FOR MAXILLO-FACIAL SURGERY



PERIOSTEAL ELEVATORS & AWLS FOR MAXILLO-FACIAL SURGERY



OBWEGESER

175 mm - 7"

11-1471



OBWEGESER

230 mm - 9"

11-1472



OBWEGESER

180 mm - 7"

11-1473



OBWEGESER

140 mm - 5½"

11-1474

PERIOSTEAL RASPATORIES - ELEVATORS



DOYEN

170 mm - 6 $\frac{3}{4}$ "

links
left
 gauche
 izquierda
 sinistra



1:1



1:1

11-1475

11-1476

für Erwachsene
for adults
 pour adultes
 para adultos
 per adulti

für Kinder
for children
 pour enfants
 para niños
 per bambini

1:2



DOYEN

170 mm - 6 $\frac{3}{4}$ "

rechts
right
 droite
 derecha
 destra



1:1



1:1

11-1477

11-1478

für Erwachsene
for adults
 pour adultes
 para adultos
 per adulti

für Kinder
for children
 pour enfants
 para niños
 per bambini

1:2

PERIOSTEAL RASPATORIES - ELEVATORS



QUERVAIN

195 mm - 7 $\frac{3}{4}$ "

x = 6 mm

11-1479

1:2



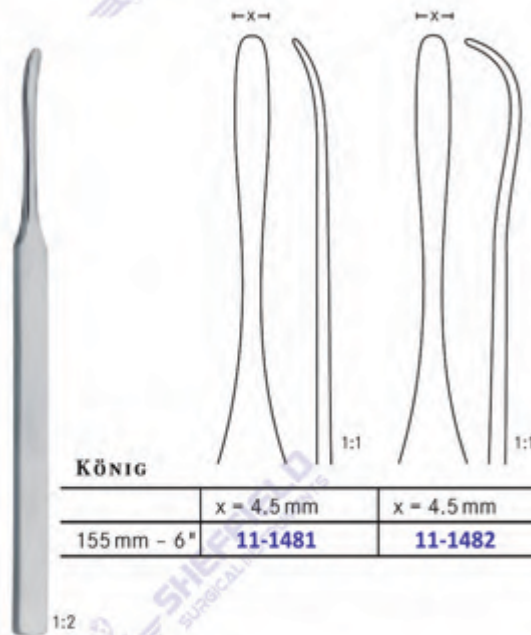
TRELAT

150 mm - 6"

x = 8 mm

11-1480

1:2

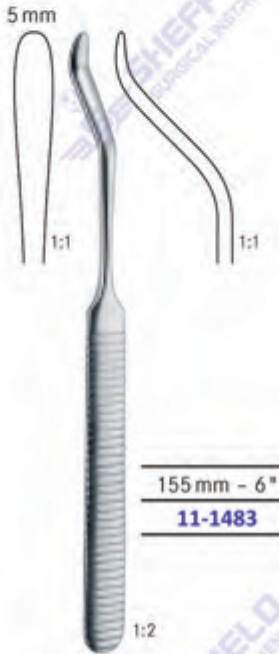


KÖNIG

	x = 4,5 mm	x = 4,5 mm
155 mm - 6"	11-1481	11-1482

1:2

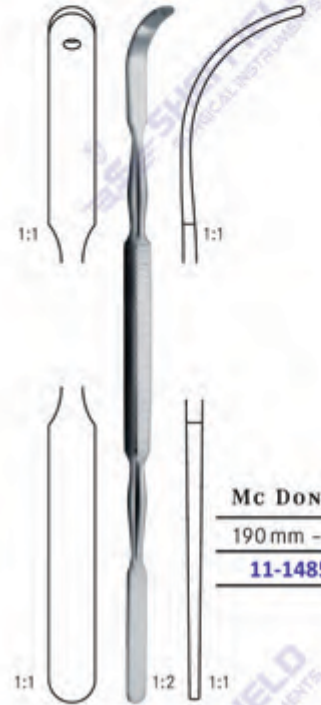
PERIOSTEAL RASPATORIES - ELEVATORS



155 mm - 6"
11-1483



ALDERDYCE
210 mm - 8 1/4"
11-1484

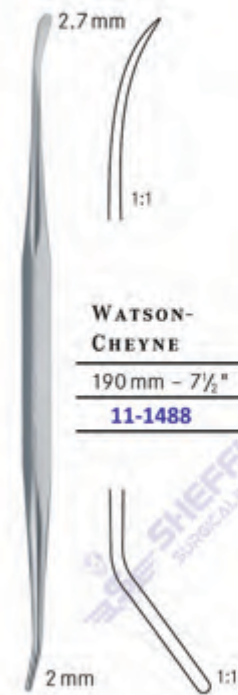


MC DONALD
190 mm - 7 1/2"
11-1485



SEDILLOT

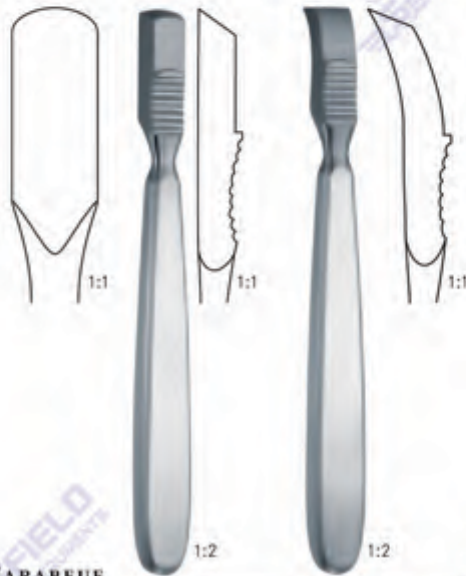
185 mm - 7 1/4"	11-1486
210 mm - 8 1/4"	11-1487



WATSON-CHEYNE

190 mm - 7 1/2"	11-1488
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PERIOSTEAL RASPATORIES - ELEVATORS



FARABEU

150 mm - 6"

11-1489
gerade
straight
droit
recta
retto

11-1490
gebogen
curved
courbe
curva
curvo



LAMBOTTE

210 mm - 8 1/4"

x = 5 mm	11-1491
x = 10 mm	11-1492
x = 15 mm	11-1493
x = 20 mm	11-1494
x = 25 mm	11-1495



ADSON

170 mm - 6 3/4"

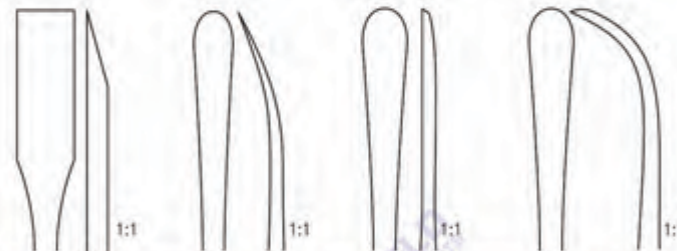


	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	11-1496	11-1497	11-1498	11-1499

PERIOSTEAL RASPATORIES - ELEVATORS

SHEFFIELD
SURGICAL INSTRUMENTS



WILLIGER

	x = 5 mm
130 mm - 5"	11-1500

SHEFFIELD
SURGICAL INSTRUMENTS



WILLIGER

	160 mm - 6 1/4"
x = 4 mm	11-1501
x = 6 mm	11-1502



WILLIGER

	x = 5 mm	x = 6.5 mm
160 mm - 6 1/4"	11-1503	11-1504

SHEFFIELD
SURGICAL INSTRUMENTS



**FARABEU-F
COLLIN**

	x = 11 mm	x = 11 mm
160 mm - 6 1/4"	11-1505	11-1506

SHEFFIELD
SURGICAL INSTRUMENTS



**FARABEU-F
COLLIN**

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

PERIOSTEAL RASPATORIES - ELEVATORS



OBWEGESER

	2.5 mm	4 mm
150 mm - 6"	11-1507	11-1508



OBWEGESER

185 mm - 7 1/4"	11-1509
-----------------	----------------



OBWEGESER

185 mm - 7 1/4"	11-1510
-----------------	----------------

PERIOSTEAL RASPATORIES - ELEVATORS



SEMB



1:2



1:2



1:2



1:2



1:2



1:2

175 mm - 7"	210 mm - 8¼"	175 mm - 7"	210 mm - 8¼"	225 mm - 8¾"	220 mm - 8¾"
12 mm	12 mm	13 mm	13 mm	13 mm	15 mm
11-1511	11-1512	11-1513	11-1514	11-1515	11-1516



PERIOSTEAL RASPATORIES - ELEVATORS



HOWARTH

215 mm - 8½"

11-1517

scharf / stumpf
sharp / blunt

pointu / mousse

aguda / roma

acuta / smussa



**LANGEN-
BECK**

180 mm - 7"

11-1518

190 mm - 7½"

11-1519



ALEXANDER

200 mm - 8"

11-1520

PERIOSTEAL RASPATORIES - ELEVATORS


LANGENBECK

	x = 8 mm	x = 10 mm
200 mm - 8"	11-1521	11-1522


SEBILLEAU

	x = 5 mm
175 mm - 7"	11-1523

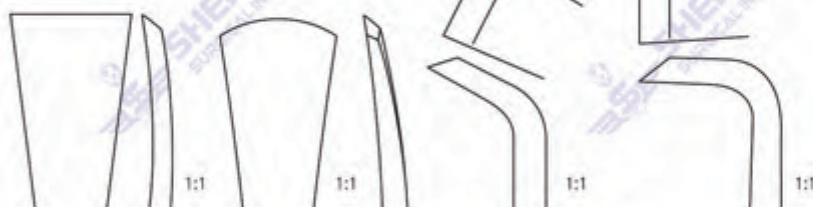
175 mm - 7"	11-1524
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extrem leicht
extremely light
 extrêmement léger
extremamente ligero
 estremamente legera

PERIOSTEAL RASPATORIES - ELEVATORS



1:2



MARTIN-LANGENBECK

190 mm - 7½"

11-1525

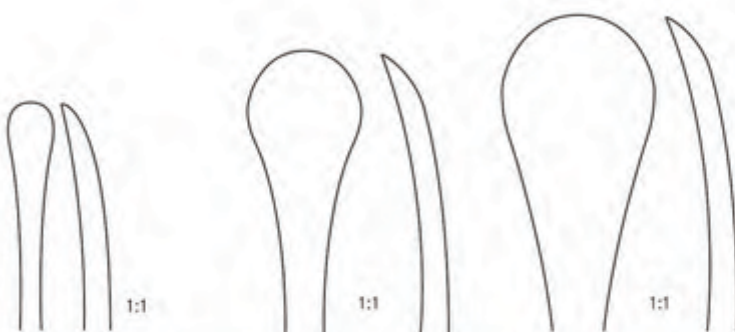
11-1526

11-1527

11-1528



1:2



MARTIN-HOEN

160 mm - 6¼"

11-1529

185 mm - 7¼"

11-1530

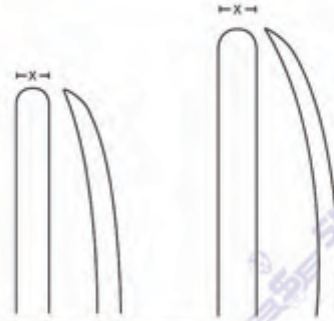
190 mm - 7½"

11-1531

PERIOSTEAL RASPATORIES - ELEVATORS

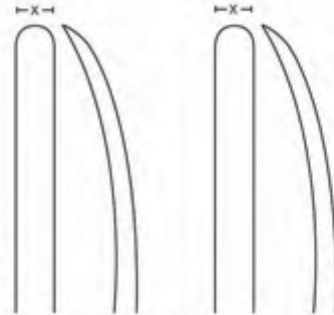


1:2



MARTIN-CUSHING

	x = 4 mm	x = 5 mm
175 mm - 7"	11-1532	11-1533



MARTIN-CUSHING

	x = 6 mm	x = 7 mm
195 mm - 7¾"	11-1533	11-1534



MARTIN-CUSHING

	x = 8 mm
170 mm - 6¾"	11-1535

PERIOSTEAL RASPATORIES - ELEVATORS



COBB

	280 mm - 11"
x = 10 mm	11-1548
x = 13 mm	11-1549
x = 19 mm	11-1550
x = 25 mm	11-1551
x = 32 mm	11-1552

COBB

	290 mm - 11½"	290 mm - 11½"
x = 10 mm	11-1536	11-1542
x = 13 mm	11-1537	11-1543
x = 19 mm	11-1538	11-1544
x = 25 mm	11-1539	11-1545
x = 32 mm	11-1540	11-1546
x = 38 mm	11-1541	11-1547

Wirbelsäulen-Raspatorium
Spinal raspatory

Aluminium Griff
Aluminium handle

Stahl
Steel

Rugine vertebrale
Raspatorio vertebral

manche d'Aluminium
mango de aluminio

Acier
Acero

Periostotomo vertebrale

manico i alluminio

Acciaio

PERIOSTEAL RASPATORIES - ELEVATORS



KEY

180 mm - 7"	190 mm - 7½"	190 mm - 7½"
x = 6 mm	x = 10 mm	x = 12 mm
11-1553	11-1554	11-1555



1:1



1:1



1:1



1:1



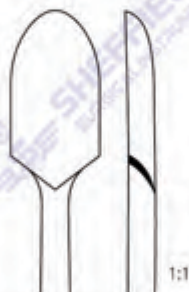
1:1

200 mm - 8"	210 mm - 8¼"
x = 19 mm	x = 25 mm
11-1556	11-1557

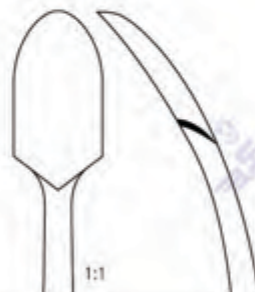
PERIOSTEAL RASPATORIES



1:2



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
	14 mm	14 mm	20 mm
200 mm - 8°	11-1558	11-1559	11-1560

Ferrozellgriff	gerade	gebogen	gerade
Ferrozell handle	straight	curved	straight
Manche en Ferrozell	droit	courbe	droit
Mango en Ferrozell	recta	curva	recta
Manico di Ferrozell	rette	curve	rette



1:2



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3
	6 mm	6 mm	3 mm
180 mm - 7°	11-1561	11-1562	11-1563

Ferrozellgriff			
Ferrozell handle			
Manche en Ferrozell			
Mango en Ferrozell			
Manico di Ferrozell			

BONE LEVERS


HOHMANN

220 mm - 8 $\frac{3}{4}$ "	240 mm - 9 $\frac{1}{2}$ "	240 mm - 9 $\frac{1}{2}$ "	240 mm - 9 $\frac{1}{2}$ "
x = 8 mm	x = 18 mm	x = 43 mm	x = 70 mm
11-1564	11-1565	11-1566	11-1567

BONE LEVERS



HOHMANN

245 mm - 9 $\frac{1}{2}$ "	260 mm - 10 $\frac{1}{4}$ "	280 mm - 11"	265 mm - 10 $\frac{1}{2}$ "	260 mm - 10 $\frac{1}{4}$ "
x = 43 mm	x = 22 mm	x = 33 mm	x = 24 mm	x = 22 mm
11-1568	11-1569	11-1570	11-1571	11-1572

BONE LEVERS



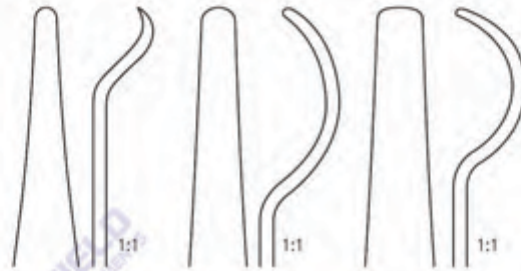
1:2

MINI-HOHMANN

	6 mm	8 mm
160 mm - 6 1/4"	11-1573	11-1574



1:2



	2.8 mm	4.5 mm	6 mm
140 mm - 5 1/2"	11-1575	11-1576	11-1577



1:2

BRISTOW

230 mm - 9"	11-1578
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1:2

LANE

210 mm - 8 1/4"	11-1579
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BONE LEVERS



1:2

	x = 15 mm
150 mm - 6"	11-1580



1:2

	x = 16 mm
160 mm - 6 1/4"	11-1581



1:2

	x = 15 mm
160 mm - 6 1/4"	11-1582



SHOULDER

32 x 81 mm	11-1583
38 x 81 mm	11-1584



FUKUDA

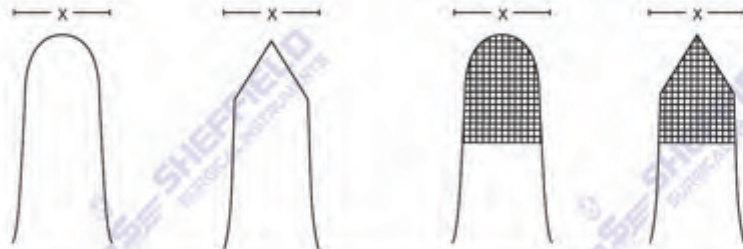
x = 32 mm	11-1585
x = 40 mm	11-1586



FUKUDA

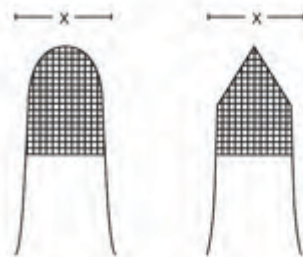
x = 35 mm	11-1587
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BONE LEVERS



COBRA

	x = 32 mm	x = 32 mm	x = 32 mm	x = 32 mm
260 mm - 10¼"	11-1588	11-1589	11-1590	11-1591



COBRA

	x = 44 mm	x = 44 mm
266 mm - 10½"	11-1592	11-1593

CHANDLER

	180 mm - 7"	200 mm - 8"	230 mm - 9"	250 mm - 9¾"
x = 13 mm	11-1594			
x = 19 mm		11-1595		
x = 25 mm			11-1596	
x = 32 mm				11-1597



BONE LEVERS



BENNETT

	240 mm - 9 1/2"
x = 43 mm	11-1598
x = 60 mm	11-1599

1:2



MURPHY-LANE

	300 mm - 12"
	11-1600

Luxationshebel
Luxation lever

Levier de luxation
Palanca de luxación
Leva per luxazione

1:2

18 mm

BONE LEVERS



BLOUNT

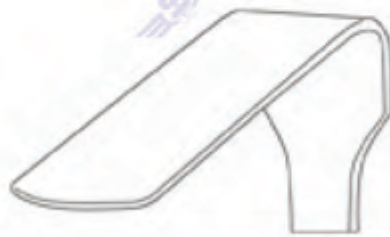
	260 mm - 10 $\frac{1}{4}$ "	260 mm - 10 $\frac{1}{4}$ "
	x = 38 mm	x = 42 mm
	11-1601	11-1602



**LANGE-
HOHMANN MOD.**

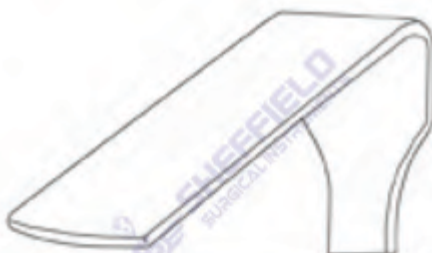
	265 mm - 10 $\frac{1}{2}$ "	280 mm - 11"
	x = 30 mm	x = 33 mm
	11-1603	11-1604

BONE LEVERS



SMILIE

x	y		
19 mm	32 mm	11-1605	
19 mm	45 mm		11-1606



SMILIE

x	y		
19 mm	60 mm	11-1607	
13 mm	15 mm		11-1608



SMILIE

x	y		
13 mm	55 mm	11-1609	

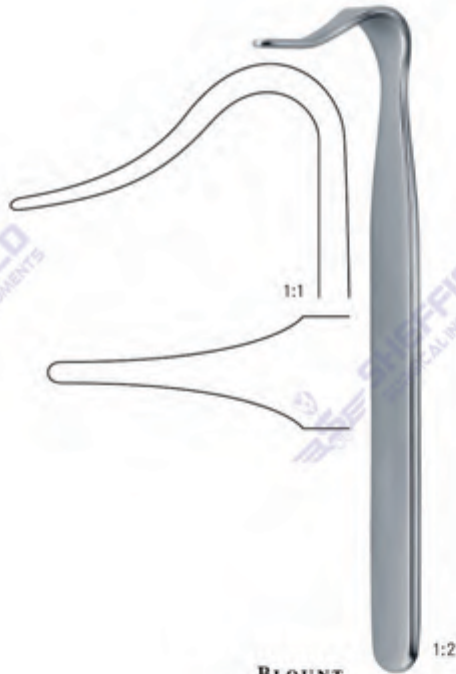
BONE LEVERS



**HOHMANN-
WILLIGER**

160 mm - 6 1/4"

11-1610



BLOUNT

175 mm - 7"

11-1611



TAYLOR

165 mm - 6 1/2"

a = 75 mm - b = 30 mm

11-1612

a = 100 mm - b = 30 mm

11-1613

MENISCOTOMY KNIVES



BIRCHER

190 mm - 7½"

11-1614



SMILLIE

170 mm - 6¾"

11-1615



11-1616



11-1617

TENDON STRIPPERS



1:2



	4.0 mm Ø	4.5 mm Ø	5.5 mm Ø
230 mm - 9"	11-1618	11-1619	11-1620

Schaft biegsam

Malleable shaft

Tige malléable

Tija maleable

Asta malleabile



1:2

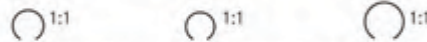
BUNNELL


	Fig. 1	Fig. 2	Fig. 3
150 mm - 6"	11-1621	11-1622	11-1623

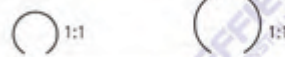


Fig. 4	Fig. 5
11-1624	11-1625

TENDON STRIPPERS



FISCHER

310 mm - 12 1/4"

11-1626



BUNNELL

230 mm - 9"

11-1627

Sehnedurchzugssonde
Tendon passer

Sonde conductrice pour tendons
Sonda conductora de tendones
Sonda conduttrice per tendini



**KLEINERT-
KUTZ**




200 mm - 8"

20 mm Ø



11-1628

TENDON HOLDING FORCEPS



	 1:1	 1:1	 1:1
BRAND	150 mm - 6°	190 mm - 7½°	240 mm - 9½°
	11-1629	11-1630	11-1631

gerade
 straight
 droite
 recta
 retta

	 1:1	 1:1
BRAND	150 mm - 6°	185 mm - 7¼°
	11-1632	11-1633

gebogen
 curved
 courbe
 curva
 curva



	 1:1	 1:1	 1:1
BRAND	150 mm - 6°	190 mm - 7½°	240 mm - 9½°
	11-1634	11-1635	11-1636

gerade, mit Sperre
 straight, with ratchet
 droite, avec crémaillère
 recta, con cierre
 retta, con cremagliera



130 mm - 5°
11-1637



	 1:1	 1:1
150 mm - 6°	11-1638	11-1639

BONE RONGEURS



LUER

	Fig. 1	Fig. 2
150 mm - 6"	11-1640	11-1641



LUER

170 mm - 6 3/4"	11-1642	11-1643
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MINI-FRIEDMANN

120 mm - 4 3/4"	11-1644
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FRIEDMANN

140 mm - 5 1/2"	11-1645
-----------------	----------------



BONE RONGEURS



BLUMENTHAL

	Fig. 1	Fig. 2	Fig. 3
155 mm - 6"	11-1646	11-1647	11-1648

1:2



JANSEN

	Fig. 1	Fig. 2
180 mm - 7"	11-1649	11-1650

1:2

BONE RONGEURS



JANSEN

190 mm - 7½"

11-1651



ADSON

200 mm - 8"

11-1652



BACON

210 mm - 8¼"

11-1653

BONE RONGEURS

SHEFFIELD
SURGICAL INSTRUMENTS



SHEFFIELD
SURGICAL INSTRUMENTS



1:1



1:1

LEMPERT

190 mm - 7½"

11-1654

11-1655

SHEFFIELD
SURGICAL INSTRUMENTS



SHEFFIELD
SURGICAL INSTRUMENTS



1:1



1:1

STELLBRINK

175 mm - 7"

11-1656

11-1657

leicht gebogen

slightly curved

légèrement courbe

ligeramente curvada

legermente curvata

stark gebogen

strongly curved

très courbe

fuertemente curvada

fortemente curvata

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

BONE RONGEURS



OLIVECRONA

205 mm - 8"

11-1658



HARTMANN

175 mm - 7"

11-1659

BONE RONGEURS

SHEFFIELD
SURGICAL INSTRUMENTS



MEAD

165 mm - 6½"

11-1660

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:1

CLEVELAND

170 mm - 6¾"

11-1661

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:1

CLEVELAND

140 mm - 5½"

11-1662

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

BONE RONGEURS

SHEFFIELD
SURGICAL INSTRUMENTS



BÖHLER

150 mm - 6"

11-1663

11-1664

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



ZAUFAL-JANSEN

180 mm - 7"

11-1665

SHEFFIELD
SURGICAL INSTRUMENTS



MARQUARDT

200 mm - 8"

11-1666

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

BONE RONGEURS



BONE RONGEURS



**STILLÉ-
RUSKIN**

230 mm - 9"	11-1671	11-1672
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1:1






1:1

1:2



STILLÉ

	 1:1	 1:1	 1:1
	4 mm	6 mm	8 mm
230 mm - 9"	11-1673	11-1674	11-1675





1:2

BONE RONGEURS



SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

LEKSELL	 1:1	 1:1	 1:1	 1:1
	2 mm	3 mm	4 mm	5 mm
240 mm - 9½"	11-1676	11-1677	11-1678	11-1679



 1:1	 1:1
6 mm	8 mm
11-1680	11-1681

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

BONE RONGEURS



ECHLIN

230 mm - 9"	11-1682	11-1683
-------------	----------------	----------------



1:1



1:1



1:1

FRYKHOLM

240 mm - 9½"

11-1684



1:2

BONE RONGEURS



BONE RONGEURS



SAUERBRUCH

	Fig. 1	Fig. 2
300 mm - 12"	11-1689	11-1690



LUER-STILLE

270 mm - 10 3/4"	11-1691	11-1692
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BONE CUTTING FORCEPS



**COTTLE-
KAZANJIAN**

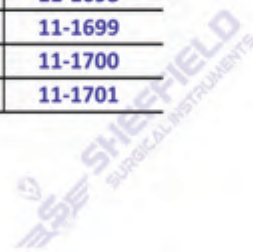
190 mm - 7½"

11-1693



LISTON

140 mm - 5½"	11-1694	11-1698
170 mm - 6¾"	11-1695	11-1699
190 mm - 7½"	11-1696	11-1700
220 mm - 8¾"	11-1697	11-1701



BONE CUTTING FORCEPS



BÖHLER

150 mm - 6"



1:1



1:1

11-1702

11-1703



**RUSKIN-
LISTON**

185 mm - 7 1/4"



1:1



1:1

11-1704

11-1705



**STILLE-
LISTON**

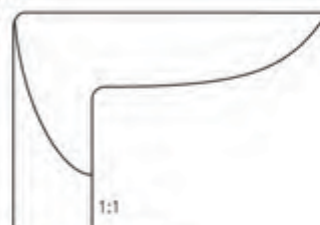
270 mm - 10 3/4"



1:1



1:1



1:1

11-1706

11-1707

11-1708

BONE CUTTING FORCEPS



SEMB

240 mm - 9½"

11-1709

1:2



LISTON-KEY HORSLEY

270 mm - 10¾"

11-1710

1:2

BONE HOLDING CLAMPS-BONE HOLDING FORCEPS



1:2

GERSTER-LOWMANN

180 mm - 7"	x = 28 mm	11-1711
200 mm - 8"	x = 35 mm	11-1712
220 mm - 8¾"	x = 40 mm	11-1713



1:2

GERSTER

150 mm - 6"	11-1714
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BONE HOLDING FORCEPS- REPOSITION FORCEPS



135 mm - 5 1/4"
11-1715



LEWIN
175 mm - 7"
11-1716



140 mm - 5 1/2"
11-1717



BONE HOLDING FORCEPS



LANGENBECK

210 mm - 8 1/4"

11-1718

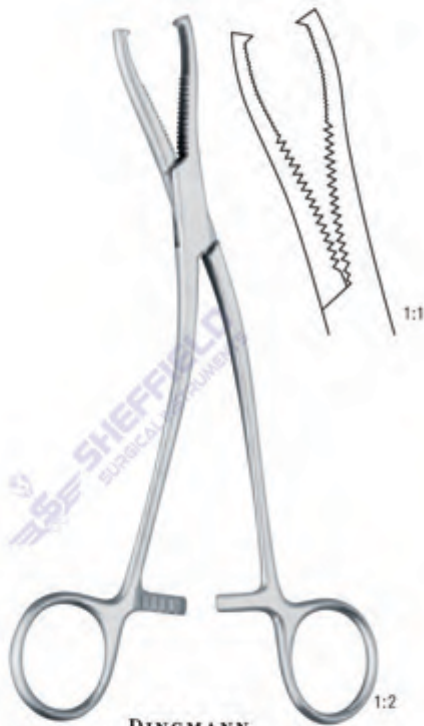


SEMB

190 mm - 7 1/2"

11-1719

BONE HOLDING FORCEPS



DINGMANN

190 mm - 7½"

11-1720



200 mm - 8"

11-1721

11-1722

Sequesterzange

Sequestrum forceps

Pince pour Sequestrum

Pinza para Sequestrum

Pinza per Sequestrum

BONE HOLDING FORCEPS



FARABEUF

230 mm - 9"	11-1723
260 mm - 10¼"	11-1724



FARABEUF-LAMBOTTE

260 mm - 10¼"	11-1725
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BONE HOLDING FORCEPS



MARTIN

190 mm - 7½"

11-1726



**BIRCHER-
GANSKE**

200 mm - 8"

11-1727

11-1728

BONE HOLDING FORCEPS



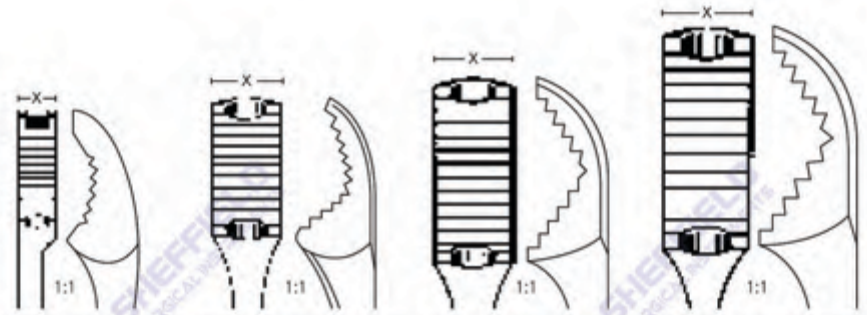
HEY GROVES

210 mm - 8 $\frac{1}{4}$ "	x = 6.5 mm	11-1729
270 mm - 10 $\frac{3}{4}$ "	x = 7.5 mm	11-1730
305 mm - 12"	x = 8.5 mm	11-1731

BONE HOLDING FORCEPS



VERBRUGGE



175 mm - 7"	250 mm - 10"	260 mm - 10 $\frac{1}{4}$ "	270 mm - 10 $\frac{3}{4}$ "
x = 5.0 mm	x = 9.5 mm	x = 10.5 mm	x = 12.0 mm
11-1732	11-1733	11-1734	11-1735

BONE HOLDING FORCEPS



KERN

170 mm - 6 $\frac{3}{4}$ "	11-1736	11-1738
210 mm - 8 $\frac{1}{4}$ "	11-1737	11-1739



LANE

330 mm - 13"	11-1740	11-1742
450 mm - 17 $\frac{3}{4}$ "	11-1741	11-1743

BONE HOLDING FORCEPS



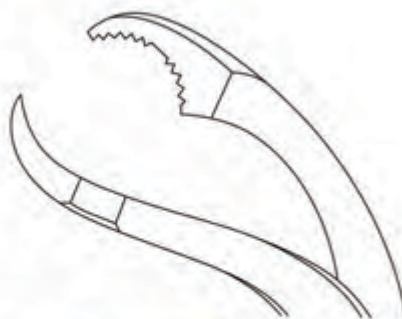
150 mm - 6"	x = 2.5 mm	11-1744	
190 mm - 7½"	x = 6.5 mm		11-1745

selbstzentrierend
self-centering
auto-centreur
autocentrante
autocentrante



240 mm - 9½"	x = 9.5 mm	11-1746	
260 mm - 10¼"	x = 10.0 mm		11-1747

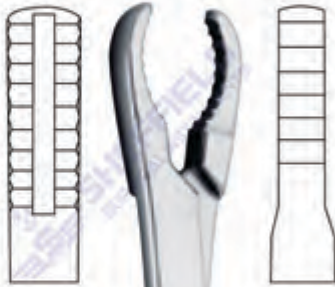
selbstzentrierend
self-centering
auto-centreur
autocentrante
autocentrante



280 mm - 11"	x = 11.0 mm	11-1748	
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selbstzentrierend
self-centering
auto-centreur
autocentrante
autocentrante

BONE HOLDING FORCEPS



ULRICH

230 mm - 9"	11-1749	11-1752
250 mm - 9¾"	11-1750	11-1753
280 mm - 11"	11-1751	11-1754

kniegebogen
angular
coudée
acodada
angolata



LAMBOTTE

220 mm - 8¾"	11-1757
270 mm - 10¾"	11-1758
300 mm - 12"	11-1759

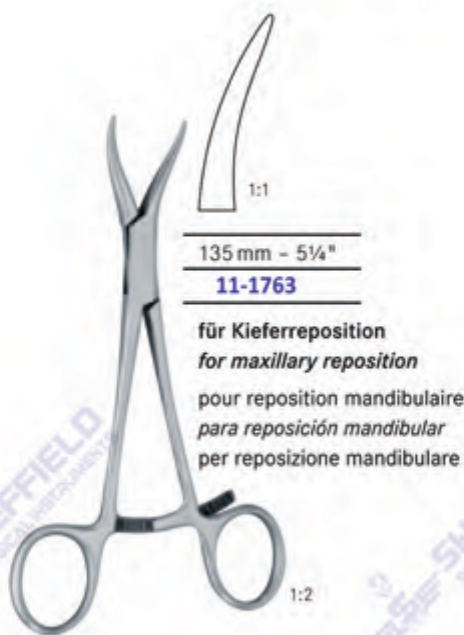
ein Maulteil beweglich
one jaw mobile

un mors mobile
una boca movable
una parte del morso mobile

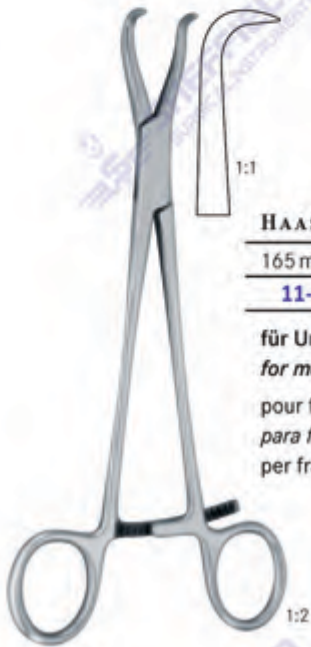


160 mm - 6¼"	11-1755
240 mm - 9½"	11-1756

BONE HOLDING FORCEPS-REPOSITION FORCEPS



REPOSITION FORCEPS



1:1

HAASE

165 mm - 6 1/2"

11-1764

für Unterkieferfrakturen
for mandibular fractures
pour fractures mandibulaires
para fracturas del mandibulo
per fratture mandibulare

1:2

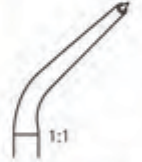


1:2



95 mm - 3 3/4"

11-1765



11-1766



1:1

185 mm - 7 1/4"

11-1767

Patellazange
Patella forceps
Pince pour la rotule
Pinza para la rótula
Pinza per rotula

1:2



1:2

1:1

210 mm - 8 1/4"

11-1768

Knöchelfasszange
Malleolar forceps
Pince pour le malléole
Pinza para el maleolo
Pinza per malleolo

WIRE INSTRUMENTS



DEMEL	
	280 mm - 11"
x = 32 mm	11-1769
x = 45 mm	11-1770
x = 62 mm	11-1771



DEMEL	
	280 mm - 11"
	11-1772

WIRE INSTRUMENTS



LOUTE

210 mm - 8 1/4"

11-1773



130 mm - 5"

11-1774



0.2 mm Ø	11-1775
0.3 mm Ø	11-1776
0.4 mm Ø	11-1777
0.5 mm Ø	11-1778
0.6 mm Ø	11-1779
0.7 mm Ø	11-1780
0.8 mm Ø	11-1781
0.9 mm Ø	11-1782
1.0 mm Ø	11-1783
1.2 mm Ø	11-1784
1.5 mm Ø	11-1785

Knochendraht, weich, in Ringen à 10 m

Bone wire, soft, in coils of 10 m

Fil de cerclage, souple, de 10 m

Alambre de cerclaje, blando, de 10 m

Filo per ossa, morbida, anelli da 10 m



0.8 mm Ø x 280 mm	11-1786
1.0 mm Ø x 280 mm	11-1787
1.2 mm Ø x 280 mm	11-1788
1.0 mm Ø x 600 mm	11-1789
1.2 mm Ø x 600 mm	11-1790

Knochendraht mit Auge, weich, Packung à 10 Stück

Bone wire with eye, soft, package of 10 pieces

Fil de cerclage, souple, paquet de 10 pièces

Alambre de cerclaje, blando, paquete de 10 piezas

Filo per ossa con ansa, morbida, pacchetto di 10 pezzi

WIRE CUTTING FORCEPS



220 mm - 8 $\frac{3}{4}$ "

11-1792

für harte Drähte bis 2.5 mm Ø
for hard wires up to 2.5 mm Ø
pour fils durs à diam. 2.5 mm Ø
para alambres duros hasta 2.5 mm Ø
per fili duri fina 2.5 mm Ø



220 mm - 8 $\frac{3}{4}$ "

11-1791

für harte Drähte bis 2.2 mm Ø
for hard wires up to 2.2 mm Ø
pour fils durs à 2.2 mm Ø
para alambres duros hasta 2.2 mm Ø
per fili duri fina 2.2 mm Ø



230 mm - 9"

11-1793

für harte Drähte bis 2.2 mm Ø
for hard wires up to 2.2 mm Ø
pour fils durs à 2.2 mm Ø
para alambres duros hasta 2.2 mm Ø
per fili duri fina 2.2 mm Ø

WIRE CUTTING FORCEPS



180 mm - 7"

11-1794

für harte Drähte bis 1.5 mm Ø
for hard wires up to 1.5 mm Ø
 pour fils durs à 1.5 mm Ø
 para alambres duros hasta 1.5 mm Ø
 per fili duri fina 1.5 mm Ø



180 mm - 7"

11-1795

für harte Drähte bis 1.5 mm Ø
for hard wires up to 1.5 mm Ø
 pour fils durs à 1.5 mm Ø
 para alambres duros hasta 1.5 mm Ø
 per fili fina 1.5 mm Ø



150 mm - 6"

11-1796

für harte Drähte bis 1 mm Ø
for hard wires up to 1 mm Ø
 pour fils durs à 1 mm Ø
 para alambres duros hasta 1 mm Ø
 per fili duri fina 1 mm Ø



145 mm - 5 3/4"

11-1797

für harte Drähte bis 1 mm Ø
for hard wires up to 1 mm Ø
 pour fils durs à 1 mm Ø
 para alambres duros hasta 1 mm Ø
 per fili duri fino a 1 mm Ø

WIRE CUTTING FORCEPS



570 mm - 22½" * **11-1798**

für Kirschner Drähte und Steinmann Nägel bis 6 mm Ø
for Kirschner wires and Steinmann pins up to 6 mm Ø
pour des broches Kirschner et clous Steinmann à 6 mm Ø
para agujas de Kirschner y clavos de Steinmann hasta 6 mm Ø
per fili Kirschner e chiodi Steinmann fino a 6 mm Ø

1:3

WIRE CUTTING FORCEPS



1:2

185 cm - 7 1/4"	11-1799
-----------------	----------------

Kopfschneider, durchbohrt für harte Drähte bis 1.6 mm Ø
Wire cutting forceps for hard wires up to 1.6 mm Ø

Pince coupante pour fils durs à 1.6 mm Ø
Alicates para alambres duros hasta 1.6 mm Ø
Pinza taglia fili per fili duri fino a 1.6 mm Ø



1:2

260 mm - 10 1/4"	11-1800
------------------	----------------

für harte Drähte bis 3 mm Ø
for hard wires up to 3 mm Ø

pour fils durs à 3 mm Ø
para alambres duros hasta 3 mm Ø
per fili duri fino a 3 mm Ø

TECHNICAL FORCEPS



130 mm - 5"	11-1801
180 mm - 7"	11-1802



140 mm - 5½"	11-1803
170 mm - 6¾"	11-1804



	180 mm - 7"	180 mm - 7"
x = 5 mm	11-1805	11-1807
x = 7 mm	11-1806	11-1808

TECHNICAL FORCEPS

SHEFFIELD
SURGICAL INSTRUMENTS



170 mm - 6 3/4"

11-1809

SHEFFIELD
SURGICAL INSTRUMENTS



220 mm - 8 3/4"

11-1810

Grip-Zange, kombiniert mit TC-Schneider
Grip forceps, combined with TC-Cutter

Pince grip, avec partie coupante TC

Pinza grip, con parte cortante TC

Pinza grip, con morso tagliante a TC

SHEFFIELD
SURGICAL INSTRUMENTS



190 mm - 7 1/2"

11-1811

Technische Zange, verstellbar
Technical forceps, adjustable

Pince technique, ajustable

Pinza tecnica, ajustable

Pinza tecnica, regolabile

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

TECHNICAL FORCEPS



185 mm - 7 1/4" **11-1812**

Flachzange
Flat nose plier

Pince platte
Alicate plano
Pinza piatta



185 mm - 7 1/4" **11-1813**

Flachzange mit Seitenschneider, parallel-
fassend, für harte Drähte bis 1.6 mm Ø

*Flat nose plier, parallel grip, incorporated
cutter, for hard wires up to 1.6 mm Ø*

Pince à couder avec coupe latéral,
pour des fils durs à de 1.6 mm Ø

*Pinza para torcer con corte lateral,
para alambres hasta 1.6 mm Ø*

Pinza, morso piatto parallelo e taglia
fili laterale fino a 1.6 mm Ø



180 mm - 7" **11-1814**

Feststellzange
Locking plier

Pince à caler
Pinza de fijar
Pinza bloccante

TECHNICAL FORCEPS



	a	b	c
11-1817	220 mm	4,5 mm	54 mm
11-1818	250 mm	5,5 mm	66 mm
11-1819	300 mm	7,0 mm	78 mm

Feststellzange, allein

Locking plier, only

Pinça à caler, seul

Pinza de fijar, sola,

Pinza bloccante, sola

300 mm – 12°

11-1820

Feststellzange mit Aufnahmestift

Locking plier with holding pins

Pinça à caler avec groupilles

Pinza de fijar con pivotes

Pinza bloccante con perni per estrattore

460 mm – 18°

11-1821

Feststellzange mit Ausschlagvorrichtung

Locking plier with extraction device

Pinça à caler avec devis d'extraction

Pinza de fijar con dispositivo de extracción

Pinza bloccante con estrattore

TECHNICAL FORCEPS



200 mm - 8"	11-1822
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Plattenbiegezange für Knochenplatten bis 2.7 mm Stärke
Plate bending plier for plates up to 2.7 mm
Pince à couder pour des plaques de 2.7 mm
Pinza para torcer, placas hasta 2.7 mm
Pinza piega placche fino a 2.7 mm

240 mm - 9½"	11-1823
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Plattenbiegezange für Knochenplatten bis 4 mm Stärke
Plate bending plier for plates up to 4 mm
Pince à conder pour des plaques de 4 mm
Pinza para torcer, para placas hasta 4 mm
Pinza piega placche fino a 4 mm

EXTENSION BOWS



11-1824	180 mm - 7"
----------------	-------------

Spannschlüssel für Kirschner Drähte
 Wire strainer for Kirschner wires
 Tendeur pour fils de Kirschner
 Tensor para agujas de Kirschner
 Chiave per estensione di fili Kirschner



KIRSCHNER

x = 95 mm y = 70 mm	11-1825
x = 100 mm y = 100 mm	11-1826
x = 120 mm y = 120 mm	11-1827
x = 155 mm y = 155 mm	11-1828
x = 200 mm y = 155 mm	11-1829

mit 3 Zughaken
 with 3 traction hooks
 avec 3 crochets d'attelage
 con 3 ganchos de tracción
 con 3 ganci di trazione



KIRSCHNER

x = 130 mm	11-1830
x = 185 mm	11-1831
x = 220 mm	11-1832

mit 3 Zughaken
 with 3 traction hooks
 avec 3 crochets d'attelage
 con 3 ganchos de tracción
 con 3 ganci di trazione

HAND DRILLS



HUDSON

270 mm - 10 3/4" **11-1833**

komplett mit 4 Bohrern (Fig. 1 - Fig. 4) und Verlängerungsstück
complete with 4 twist drills (Fig. 1 - Fig. 4) and extension piece
 complèt avec 4 mèches (Fig. 1 - Fig. 4) et pièce d'extension
completa con 4 fresas (Fig. 1 - Fig. 4) y pieza de prolongación
 completo con 4 frese (Fig. 1 - Fig. 4) e pezzo di prolungazione



11-1834

Verlängerungsstück
Extension piece
 Pièce d'extension
Pieza de prolongación
 Pezzo di prolungazione



Fig. 1	Fig. 2	Fig. 3	Fig. 4
9 mm Ø	14 mm Ø	16 mm Ø	22 mm Ø
11-1835	11-1836	11-1837	11-1838



CUSHING

McKENZIE

14 mm Ø

13 mm Ø

11-1839

11-1840

INSTRUMENTS FOR CRANIAL OPENING



1:2

DE MARTEL

330mm - 13"

12-1001



1:2

ADSON

150mm - 6"

12-1002

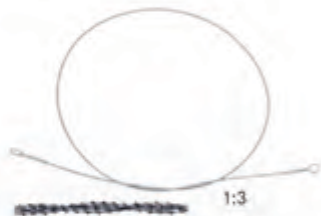


1:2

DE VILBISS

210mm - 8 1/8"

12-1003



1:3

OLIVECRONA

300mm - 12" - 1.2mm Ø

12-1004

400mm - 16" - 1.2mm Ø

12-1005

500mm - 20" - 1.2mm Ø

12-1006

600mm - 23 1/2" - 1.2mm Ø

12-1007

700mm - 27 1/2" - 1.2mm Ø

12-1008



1:3

GIGLI

300mm - 12" - 1.4mm Ø

12-1009

400mm - 16" - 12" - 1.4mm Ø

12-1010

500mm - 20" - 12" - 1.4mm Ø

12-1011



1:2

GIGLI

12-1012

SELF RETAINING RETRACTOR



12-1013

Selbsthaltender Retraktor, flexibel mit 1 Spannarm, komplett, bestehend aus: Fixierungsvorrichtung für 1 Spannarm, Spannarm und Spatelhalter für flache Spatel

Retractor self-retaining, with 1 flexible arm, complete, consisting of: fixation base for 1 flexible arm, flexible arm only, support for flat brain spatulas

Retracteur autostatique, flexible avec 1 tendeur, complét avec support pour 1 tendeur, tendeur et porte-spatule pour spatules plates

Separador autostatico, 1 brazo flexible con soporte, completo con brazo y soporte para spatulas llanas

Retrattore autostatico, flessibile Completo, contiene: supporto di fissaggio per un braccio, 1 braccio flessibile con supporto di fissaggio per spatole piatte

12-1014

Selbsthaltender Retraktor, flexibel mit 2 Spannarmen, komplett, bestehend aus: Fixierungsvorrichtung für 2 Spannarme, 2 Spannarme und 2 Spatelhalter für flache Spatel

Retractor self-retaining, with 2 flexible arms, complete, consisting of: fixation base for 2 flexible arms, 2 flexible arms, 2 supports for flat brain spatulas

Retracteur autostatique, flexible avec 2 tendeurs, complét avec supports pour 2 tendeurs, 2 tendeurs et 2 portes-spatule pour spatules plates

Separador autostatico, 2 brazos flexibles con soporte, completo con brazos y soporte para 2 spatulas llanas

Retrattore autostatico, flessibile con 2 bracci completi, contiene: supporto di fissaggio per bracci per 2 spatole piatte

SELF RETAINING RETRACTOR



12-1015

Fixierungsvorrichtung allein, für 2 Spannarme
Fixation base only, holding 2 flexible arms

Support seul pour 2 tendeurs
Soporte solo para 2 brazos de separador
Supporto di fissaggio per 2 bracci, solo

12-1016

Fixierungsvorrichtung allein, für 1 Spannarm
Fixation base only, holding 1 flexible arm

Support seul pour 1 tendeur
Soporte solo para 1 brazo de separador
Supporto di fissaggio per 1 braccio, solo

12-1017

Spatelhalter allein, für Flachspatel
Support only, for flat brain spatulas

Porte-spatule seul, pour spatules plates
Soporte solo, para spatulas planas
Supporto solo, per fissaggio di spatole piatte

12-1018

Spatelhalter allein, für Spatel mit Rundschaft
von 4 mm und 5 mm Ø, zum Befestigen am Spannarm

*Support only, for brain spatulas with round shaft
of 4 mm and 5 mm Ø to fix on the flexible arm*

Porte-spatule seul pour la fixation des spatules
de 4 mm et 5 mm Ø diam

*Soporte solo para la fijación de spatulas
de 4 mm y 5 mm Ø al brazo*

Supporto solo per spatole con asta tonda
di Ø 4 mm e 5 mm

12-1019

Spannarm allein – zum Aufstecken auf Kupplungsköpfe
und Fixierungsvorrichtungen

*Flexible arm only – for attaching coupling heads and
for fixation bases*

Tendeur flexible seul – pour le montage sur supports
et accouplements

Braço flexível solo para montar sobre soportes

Braccio flessibile solo – per il montaggio sul supporto
di fissaggio

MCKENZIE INSTRUMENTS



MCKENZIE

150 mm - 6"	12-1020	12-1022
190 mm - 7½"	12-1021	12-1023

Zangen zum Anlegen der Klammern

Clip applying forceps

Pinces pour poser des agrafes

Pinzas para poner grapas

Pinze per mettere le agraiffe



MCKENZIE

148 mm x 40 mm x 6 mm - 5¾" x 1½" x ½"	12-1024
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Klammerblock für 20 Klammern

Brain clip-rack for 20 clips

Porte-agraifes pour 20 agrafes

Porta-grapas para 20 grapas

Supporto port'agraiffe per 20 agraiffe

CLIPS & APPLYING FORCEPS



RANEY

150 mm - 6"

12-1025



12-1027

Kopfhautklammer „Raney“
Scalpclip "Raney"

Agrafes pour le cuir chevelu «Raney»
Grapa para cuero cabelludo "Raney"
Agrafes per il cuoio capelluto „Raney“



**OLIVECRONA-TOENNIS
(SCOVILLE)**

x = 140 mm - 5½"

12-1026



12-1028

Kopfhautklammer „Köln“
Scalpclip "Köln"

Agrafes pour le cuir chevelu «Köln»
Grapa para cuero cabelludo "Köln"
Agrafes per il cuoio capelluto „Köln“

APPLYING FORCEPS FOR YASARGIL CLIPS

Biegbares Memory-Metall: verformt sich bei Sterilisation (> 80°C) automatisch in den ursprünglich geraden Zustand.

Malleable Memory Metal: transforms during sterilization (> 80°C) automatically into originally straight form.

Malléable Memory-Métal: se retransforme pendant la stérilisation (> 80°) automatiquement dans la forme originale droit.

Malleable Memory-Metal: se transforma durante la esterilización (> 80°C) automáticamente en la forma original recta.


Metallo malleabile con effetto memoria: se deformato ritorna automaticamente alla forma originale con una sterilizzazione ad una temperatura maggiore di 80°C.




1:2



STANDARD

PHYNOX		x = 70 mm - 2 3/4"	12-1029
		x = 90 mm - 3 1/2" <td>12-1030</td>	12-1030
		x = 110 mm - 4 1/5" <td>12-1031</td>	12-1031


MINI

PHYNOX		x = 70 mm - 2 3/4"	12-1032
		x = 90 mm - 3 1/2" <td>12-1033</td>	12-1033
		x = 110 mm - 4 1/5" <td>12-1034</td>	12-1034


drehbar
rotating
rotatif
rotatorio
rotante



STANDARD

TITAN		x = 70 mm - 2 3/4"	12-1035
		x = 90 mm - 3 1/2" <td>12-1036</td>	12-1036
		x = 110 mm - 4 1/5" <td>12-1037</td>	12-1037

MINI

TITAN		x = 70 mm - 2 3/4"	12-1038
		x = 90 mm - 3 1/2" <td>12-1039</td>	12-1039
		x = 110 mm - 4 1/5" <td>12-1040</td>	12-1040


drehbar
rotating
rotatif
rotatorio
rotante




APPLYING FORCEPS FOR YASARGIL CLIPS



STANDARD

TITAN		x = 90 mm - 3 1/2"	12-1041	12-1043
		x = 110 mm - 4 1/3"	12-1042	12-1044

MINI

TITAN		x = 90 mm - 3 1/2"	12-1045	12-1047
		x = 110 mm - 4 1/3"	12-1046	12-1048

nicht drehbar
non rotating
non rotatif
no rotatorio
non rotante

drehbar
rotating
rotatif
rotatorio
rotante



APPLYING FORCEPS FOR YASARGIL CLIPS



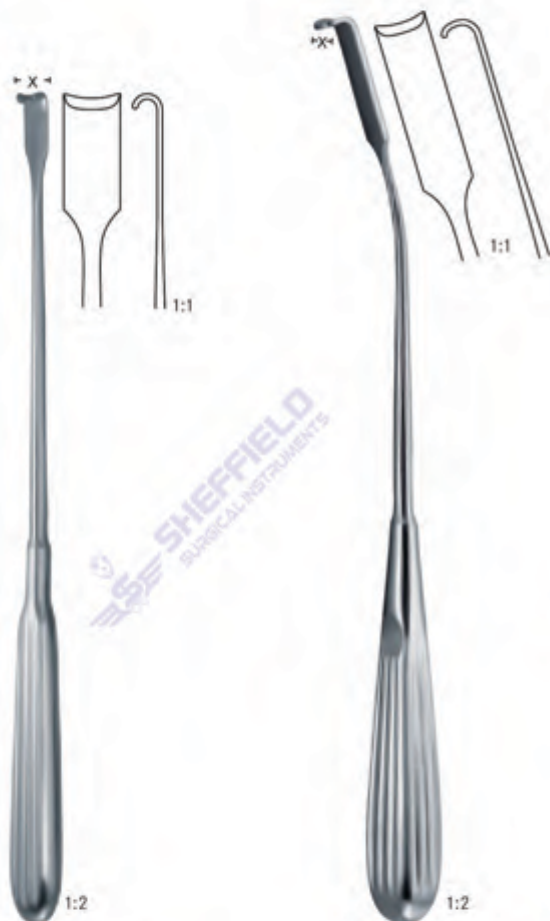
	MINI	STANDARD
170 mm - 6 3/4"		
180 mm - 7"	12-1049	12-1050
210 mm - 8 1/4"		
230 mm - 9"		

gerade, mit Sperre
straight, with ratchet
 droit, avec verrou
recta, con cierre
 retta, con cremagliera

	MINI	STANDARD
	12-1051	12-1054
	12-1052	12-1055
	12-1053	12-1056

bayonett-förmig, mit Sperre
bayonett shaped, with ratchet
 en baionette, avec verrou
forma bayoneta, con cierre
 forma baionetta, con cremagliera

NERVE HOOKS



SCOVILLE

230 mm - 9"

x = 8 mm

12-1057

HOLSHER

240 mm - 9½"

x = 7 mm

12-1058



SCOVILLE

200 mm - 8"

x = 7 mm

12-1059

MARTIN

210 mm - 8¼"

x = 7 mm

12-1060

DURA KNIVES



1:2

TOENNIS



150 mm - 6°	190 mm - 7½°
12-1061	12-1062



1:2

HALLE



200 mm - 8°	12-1063
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NERVE HOOKS



SMITHWICK

170 mm - 6 $\frac{3}{4}$ "	12-1064
210 mm - 8 $\frac{1}{4}$ "	12-1065



HOEN

220 mm - 8 $\frac{3}{4}$ "	12-1066
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1:2



CUSHING

190 mm - 7 $\frac{1}{2}$ "	12-1067	12-1069
280 mm - 11"	12-1068	12-1070



NERVE HOOKS



SACHS
185 mm - 7 1/4"
12-1071



GRAHAM
185 mm - 7 1/4"
12-1072



FRAZIER
170 mm - 6 3/4"
12-1073



CRILE

Fig. 1	Fig. 2
200 mm - 8"	200 mm - 8"
12-1074	12-1075



TOENNIS
150 mm - 6"
12-1076



DANDY
200 mm - 8" **12-1077**



12-1078



12-1079



ADSON
200 mm - 8" **12-1080**



12-1081

NERVE HOOKS



LOVE

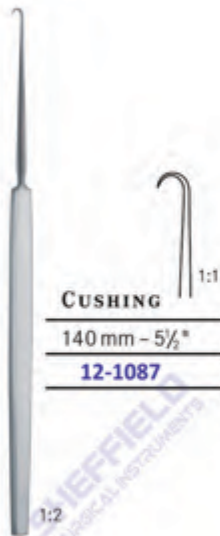
190 mm - 7½"	12-1082	12-1083	12-1084
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YASARGIL

310 mm - 12¼"	12-1085
410 mm - 16¼"	12-1086

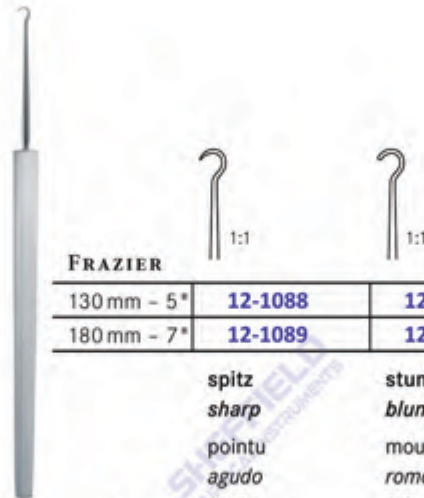
Galeahaken
Galea retractor
Retracteur Galea
Retractor de Galea
Retratore di Galea



CUSHING

140 mm - 5½"

12-1087



FRAZIER

130 mm - 5"

12-1088

12-1090

180 mm - 7"

12-1089

12-1091

spitz
sharp
pointu
agudo
acuto

stumpf
blunt
mousse
romos
smusso



LAHEY

130 mm - 5"

12-1092

MICRO DISSECTORS



TOENNIS

250 mm - 9 $\frac{3}{4}$ "

12-1093



DAVIS

245 mm - 9 $\frac{3}{4}$ "

12-1094

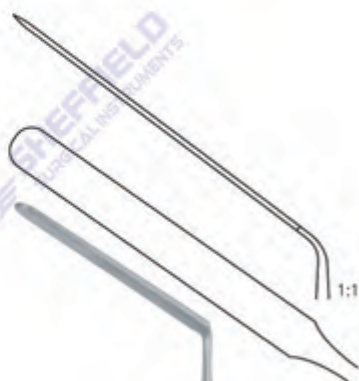


220 mm - 8 $\frac{3}{4}$ "

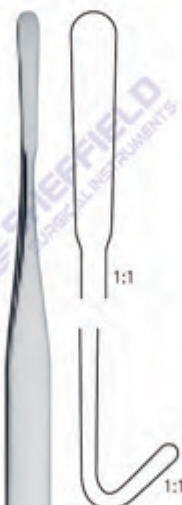
12-1095



MICRO DISSECTORS



HORSLEY
200 mm - 8"
12-1099



SMITHWICK
290 mm - 11½"
12-1100



SACHS
210 mm - 8¼"

12-1096

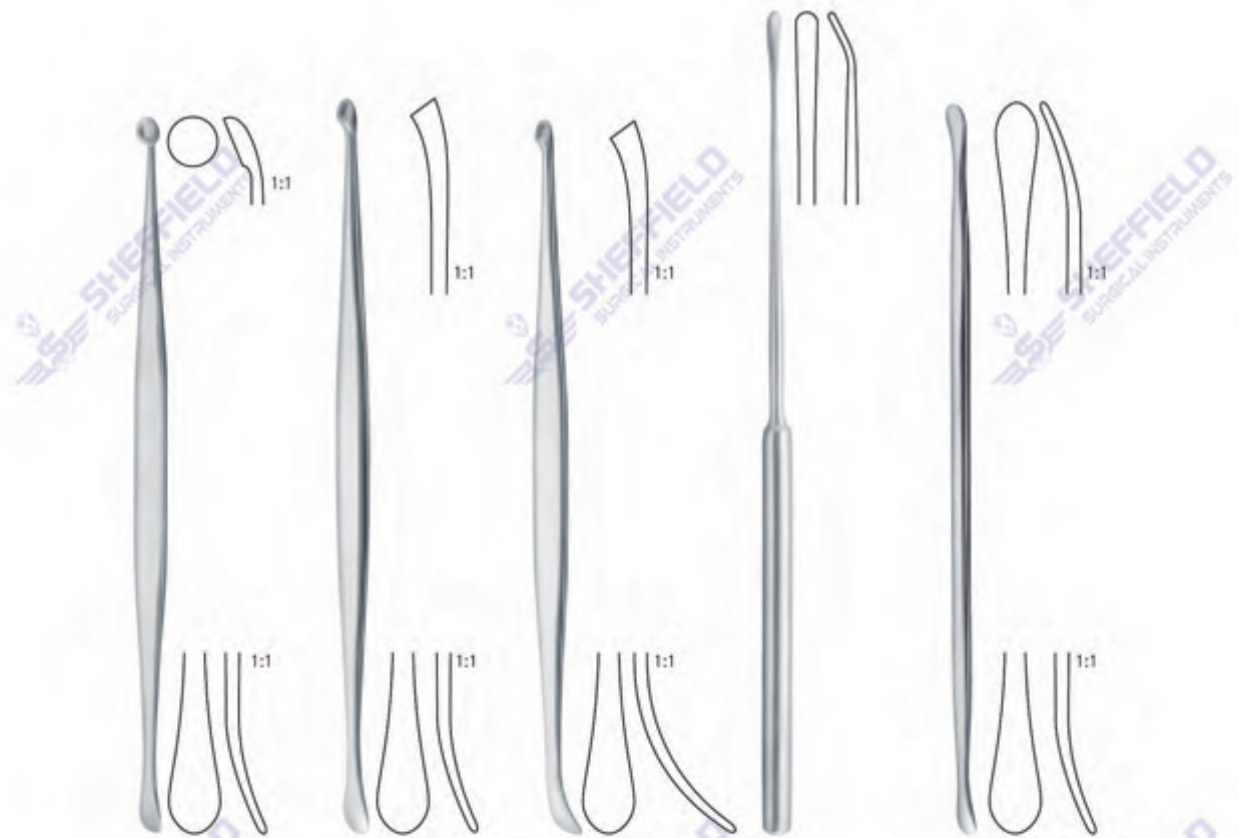


12-1097



12-1098

MICRO DISSECTORS



PENFIELD

Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
175 mm - 7"	195 mm - 7 $\frac{1}{4}$ "	195 mm - 7 $\frac{3}{4}$ "	215 mm - 8 $\frac{1}{2}$ "	185 mm - 7 $\frac{1}{4}$ "
12-1101	12-1102	12-1103	12-1104	12-1105

NEURO-MICRO DISSECTORS



YASARGIL

190 mm - 7½"

12-1106

12-1107

12-1108

12-1109

12-1110

gerade
straight
droit
recta
rette

190 mm - 7½"

12-1111

12-1112

12-1113

12-1114

12-1115

bajonett
bayonet
baionette
bayoneta
baionetta



YASARGIL

190 mm - 7½"

12-1116

12-1117

12-1118

12-1119

gerade
straight
droit
recta
rette

190 mm - 7½"

12-1120

12-1121

12-1122

12-1123

bajonett
bayonet
baionette
bayoneta
baionetta



190 mm - 7½"

12-1124

12-1125

gerade, mit Dreh-Fixierhaken
straight, with Twist-fixationhook
droit, avec crochet de fixation
recta, con gancho de fijación
rette, con uncino di fissaggio „Twist“

NEURO-MICRO DISSECTORS



	KRAUS	YASARGIL	KOOS	KOOS	KOOS
190 mm - 7 1/2"	12-1126	12-1127	12-1128	12-1129	12-1130

bajonett
 bayonet
 baionette
 bayoneta
 baionetta

1:1

NEURO-MICRO DISSECTORS



JACOBSON

190 mm - 7½"

12-1131

1:2



**KRAYEN
BÜHL**

190 mm - 7½"



1:1



1:1



1:1



1:1

1:2

	12-1132	12-1133	12-1134	12-1135
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ohne Knopf
without knob
sans boule
sin bola
senza bottone

mit Knopf
with knob
avec boule
con bola
con bottone



1:1



1:1



1:1

1:2

	JACOBSON		FISCH
190 mm - 7½"	12-1136	12-1137	12-1138

LAMINECTOMY RONGEURS

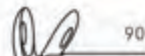

**WEIL-
BLAKESLEY**


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a=3.0 mm	a=3.5 mm	a=4.5 mm	a=5.0 mm	a=5.5 mm
x = 120 mm - 4 3/4"	12-1139	12-1140	12-1141	12-1142	12-1143

x = 120 mm - 4 3/4"	12-1144	12-1145	12-1146	12-1147	
x = 120 mm - 4 3/4"	12-1148	12-1149	12-1150		

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	a=3.0 mm	a=3.5 mm	a=4.5 mm	a=5.0 mm	a=5.5 mm
x = 180 mm - 7"	12-1151	12-1152	12-1153	12-1154	12-1155

x = 180 mm - 7"	12-1156	12-1157	12-1158	12-1159	
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NEURO-MICRO DISSECTORS & CURETTES

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



HARDY

HARDY

250mm-9 3/4"	12-1160	12-1161	12-1162	12-1163
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	4 mm Ø	6 mm Ø
270mm-10 3/4"	12-1164	12-1165

bajonett, innen scharf
bayonet, sharp inner edge
 baionette, tranchant à l'interno
bayoneta, cortante al interno
 baionetta, acuto all'interno

bajonett, biegsam
bayonet, malleable
 baionette, malléable
bayoneta, malleable
 baionetta, flessibile

MICRO SCISSORS



120 mm - 4 3/4"	12-1166	12-1167
Schneide 10 mm, spitz <i>Blade 10 mm, sharp</i>	gerade <i>straight</i>	gebogen <i>curved</i>
Lame 10 mm, pointu <i>Hoja 10 mm, agudas</i>	droite <i>recta</i>	courbe <i>curva</i>
Lama 10 mm, acuta	retta	curva



120 mm - 4 3/4"	12-1168	12-1169	12-1170
Vannas-Schneide <i>Vannas-blade</i>	gerade <i>straight</i>	gebogen <i>curved</i>	aufgewinkelt <i>angled up</i>
Lama de Vannas <i>Hoja de Vannas</i>	droite <i>recta</i>	courbe <i>curva</i>	angulaire <i>acodada</i>
Vannas-lama	retta	curva	angolata



120 mm - 4 3/4"	12-1171
Venen-Schneide (Biemer) <i>Vein-blade (Biemer)</i>	gerade <i>straight</i>
Lame pour vènes (Biemer) <i>Hoja para venas (Biemer)</i>	droite <i>recta</i>
Lama per vene (Biemer)	retta



MICRO SCISSORS



150 mm - 6"

12-1172

gerade, kurze Schneide
straight, short blades
droites, lames courtes
recta, hojas cortas
retta, lama corta



12-1173

gebogen, kurze Schneide
curved, short blades
courbes, lames courtes
curva, hojas cortas
curva, lama corta



12-1174

gerade, lange Schneide
straight, long blades
droites, lames longues
recta, hojas largas
retta, lama lunga



12-1175

gebogen, lange Schneide
curved, long blades
courbes, lames longues
curva, hojas largas
curva, lama lunga



150 mm - 6"

12-1176

gerade, gezahnt
straight, saw edge
droites, dentelés
recta, dentadas
retta, dentata



12-1177

gebogen, gezahnt
curved, saw edge
courbes, dentelés
curva, dentadas
curva, dentata



150 mm - 6"

12-1178

180 mm - 7"

12-1179

kniegebogen, 45°
angled on flat, 45°
angulaires, 45°
acodada, 45°
angolata, 45°

MICRO SCISSORS



120 mm - 4 $\frac{3}{8}$ "	12-1180	12-1181
Lange Schneide 14 mm, glatt, spitz <i>Long blades 14 mm, smooth, sharp</i>	gerade <i>straight</i>	gebogen <i>curved</i>
Lames longues 14 mm, lisses, pointues <i>Hojas largas 14 mm, lisas, agudas</i>	droites <i>recta</i>	courbes <i>curva</i>
Lama lunga 14 mm, liscia, acuta	retta	curva



120 mm - 4 $\frac{3}{8}$ "	12-1182	12-1183
Lange Schneide 14 mm, spitz <i>Long blades 14 mm, sharp</i>	gerade, gezahnt <i>straight, saw edge</i>	gebogen, gezahnt <i>curved, saw edge</i>
Lames longues 14 mm, pointues <i>Hojas largas 14 mm, agudas</i>	droites, dentelés <i>recta, dentadas</i>	courbes, dentelés <i>curva, dentadas</i>
Lama lunga 14 mm, acuta	retta, dentata	curva, dentata



145 mm - 5 $\frac{7}{8}$ "	12-1184	12-1185
Vannas-Schneide, glatt, spitz <i>Vannas-blades, smooth, sharp</i>	gerade <i>straight</i>	gebogen <i>curved</i>
Lames de Vannas, lisses, pointues <i>Hojas de Vannas, lisas, agudas</i>	droits <i>recta</i>	courbes <i>curva</i>
Vannas-lama, liscia, acuta	retta	curva

MICRO SCISSORS



YASARGIL

185 mm - 7 ¹ / ₄ "*	12-1186	12-1187	12-1188
gerade <i>straight</i>	gebogen <i>curved</i>	kniegebogen <i>angled on flat</i>	
droits	courbes	angulaires	
recta	curva	acodada	
retta	curva	angolata	

MICRO SCISSORS


YASARGIL

	25°	45°	60°	90°	125°
170 mm - 6 $\frac{3}{4}$ "	12-1189	12-1190	12-1191	12-1192	12-1193

mit Knopf
 with ball
 avec bouton
 con botón
 con bottone


YASARGIL

	25°	45°	60°	90°	125°
170 mm - 6 $\frac{3}{4}$ "	12-1194	12-1195	12-1196	12-1197	12-1198

ohne Knopf
 without ball
 sans bouton
 sin botón
 senza bottone

MICRO DISSECTING SCISSORS



145 mm - 5 7/8"	12-1199	12-1201	12-1203	12-1205
180 mm - 7"	12-1200	12-1202	12-1204	12-1206

kurze Schneide 8 mm, glatt
short blades 8 mm, smooth
lames courtes 8 mm, lisses
hojas cortas 8 mm, lisos
lama corta 8 mm, liscia

gerade, spitz
straight, sharp
droites, pointues
rectas, agudas
retta, acuta

gebogen, spitz
curved, sharp
courbes, pointues
curvas, agudas
curva, acuta

gerade, stumpf
straight, blunt
droites, mousses
rectas, romas
retta, smussa

gebogen, stumpf
curved, blunt
courbes, mousses
curvas, romas
curva, smussa



145 mm - 5 7/8"	12-1207	12-1209	12-1211	12-1213
180 mm - 7"	12-1208	12-1210	12-1212	12-1214

lange Schneide 14 mm, glatt
long blades 14 mm, smooth
lames longues 14 mm, lisses
hojas largas 14 mm, lisos
lama lunga 14 mm, liscia

gerade, spitz
straight, sharp
droites, pointues
rectas, agudas
retta, acuta

gebogen, spitz
curved, sharp
courbes, pointues
curvas, agudas
curva, acuta

gerade, stumpf
straight, blunt
droites, mousses
rectas, romas
retta, smussa

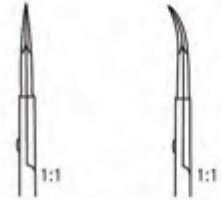
gebogen, stumpf
curved, blunt
courbes, mousses
curvas, romas
curva, smussa

MICRO SCISSORS WITH ROUND HANDLE



VANNAS

	7 mm Ø	7 mm Ø
120 mm - 5"	12-1215	12-1216



VANNAS

	8 mm Ø	8 mm Ø
150 mm - 6"	12-1217	12-1218

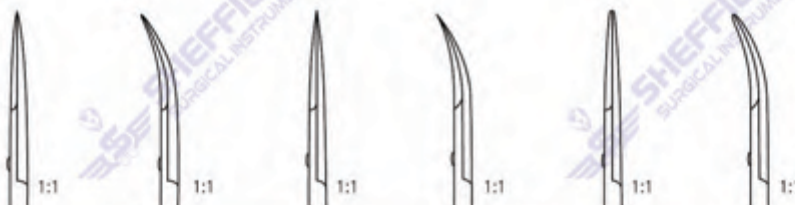


CASTROVIEJO

	8 mm Ø	8 mm Ø
150 mm - 6"	12-1219	12-1220



MICRO SCISSORS WITH ROUND HANDLE



	180 mm - 7°	180 mm - 7°	180 mm - 7°	180 mm - 7°	180 mm - 7°	180 mm - 7°
8 mm Ø	12-1221	12-1223				
10 mm Ø	12-1222	12-1224	12-1225	12-1226	12-1227	12-1228

MICRO SCISSORS WITH ROUND HANDLE



1:1



mit gedrehtem Schluss
 90° twisted
 tordus de 90°
 giradas de 90°
 girato 90°



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7°	12-1229	12-1230	12-1231	12-1232	12-1233

Schneide 10 mm, mit Knopf, spitz
 Blade 10 mm, with ball, sharp

Lames 10 mm, avec bouton, pointues
 Hojas 10 mm, con botón, agudas
 Lama 10 mm, con bottone, acuta



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7°	12-1234	12-1235	12-1236	12-1237	12-1238

Schneide 10 mm, ohne Knopf, spitz
 Blade 10 mm, without ball, sharp

Lames 10 mm, sans bouton, pointues
 Hojas 10 mm, sin botón, agudas
 Lama 10 mm, senza bottone, acuta

MICRO SCISSORS WITH ROUND HANDLE



	9 mm Ø	9 mm Ø
150 mm - 6"	12-1239	12-1240

MICRO SCISSORS



JACOBSON

160 mm - 6 1/4"	12-1241	12-1243	12-1245
180 mm - 7"	12-1242	12-1244	12-1246

gerade
straight

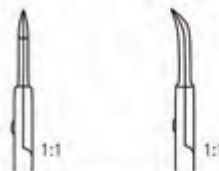
droits
recta
retta

gebogen
curved

courbes
curva
curva

abgewinkelt, 45°
angled, 45°

angulaires, 45°
acodada, 45°
angolata, 45°



160 mm - 6 1/4"	12-1247	12-1249
180 mm - 7"	12-1248	12-1250

Vannas Schneide

Vannas blade

Lame de Vannas

Hoja de Vannas

Lama Vannas

MICRO SCISSORS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

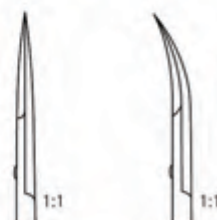
SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

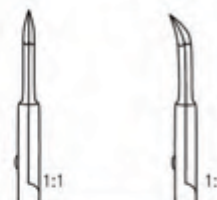
SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



**YASARGIL-
MOD.**

180 mm - 7"	12-1251	12-1253
225 mm - 8¾"	12-1252	12-1254



220 mm - 8¾"	12-1255	12-1256
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Vannas Schneide

Vannas blade

Lame de Vannas

Hoja de Vannas

Lama Vannas

MICRO SCISSORS



200 mm - 8"	12-1257	12-1259	12-1261	12-1263
225 mm - 8 7/8"	12-1258	12-1260	12-1262	12-1264
Schneide glatt, spitz <i>Blade smooth, sharp</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, gezahnt <i>straight, saw edge</i>	gebogen, gezahnt <i>curved, saw edge</i>
Lames lisses, pointues <i>Hojas lisas, agudas</i> Lama liscia, acuta	droits <i>recta</i> retta	courbes <i>curva</i> curva	droits, dentelées <i>recta, dentadas</i> retta, dentata	courbes, dentelées <i>curva, dentadas</i> curva, dentata



200 mm - 8"	12-1265	12-1267
225 mm - 8 7/8"	12-1266	12-1268

Vannas Schneide
Vannas blade
 Lame de Vannas
Hoja de Vannas
 Lama Vannas



200 mm - 8"	12-1269	12-1271
225 mm - 8 7/8"	12-1270	12-1272

Präparier-Schneide, stumpf
Dissector blade, blunt
 Lames de dissection, moussé
Hojas de disección, roma
 Lama da dissezione, smussa

FIXATION FORCEPS- VASCULAR DILATORS



TYP
JUWELIER



x=0.2 mm	x=0.3 mm	x=0.3 mm	x=0.2 mm	x=0.3 mm
110 mm - 4 1/4"	110 mm - 4 1/4"	110 mm - 4 1/4"	120 mm - 4 1/4"	120 mm - 4 1/4"
12-1273	12-1274	12-1275	12-1276	12-1277



PIERSE



120 mm - 4 1/4"	12-1278
135 mm - 5 1/4"	12-1279



	x=0.2 mm	x=0.3 mm
110 mm - 4 1/4"	12-1280	12-1281

sehr fein
very fine
très fin
muy fino
molto fino

1:1

MICRO SUTURE TYING FORCEPS



1:1



LAZAR

	0.5 mm	0.8 mm
155 mm - 6°	12-1282	12-1283

MICRO SUTURE TYING FORCEPS



	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7°	12-1284	12-1285	12-1286	12-1287

Fadenplatte 6,0 mm x 0,4 mm, glatt
Tying platform 6.0 mm x 0.4 mm, smooth

1x2 1x2

Plate-forme 6.0 mm x 0.4 mm, lisse
Plataforma 6.0 mm x 0.4 mm, lisa

Piano per sutura 6.0 mm x 0.4 mm, liscio

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7°	12-1288	12-1289	12-1290	12-1291

Fadenplatte 6,0 mm x 0,4 mm, diamantiert
Tying platform 6.0 mm x 0.4 mm, diamond coated

1x2 1x2

Plate-forme 6.0 mm x 0.4 mm, diamanté
Plataforma 6.0 mm x 0.4 mm, diamantada

Piano per sutura 6.0 mm x 0.4 mm, diamantata



	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7°	12-1292	12-1293	12-1294	12-1295

Fadenplatte 6,0 mm x 0,8 mm, glatt
Tying platform 6.0 mm x 0.8 mm, smooth

1x2 1x2

Plate-forme 6.0 mm x 0.8 mm, lisse
Plataforma 6.0 mm x 0.8 mm, lisa

Piano per sutura 6.0 mm x 0.8 mm, liscio

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7°	12-1296	12-1297	12-1298	12-1299

Fadenplatte 6,0 mm x 0,8 mm, diamantiert
Tying platform 6.0 mm x 0.8 mm, diamond coated

1x2 1x2

Plate-forme 6.0 mm x 0.8 mm, diamanté
Plataforma 6.0 mm x 0.8 mm, diamantada

Piano per sutura 6.0 mm x 0.8 mm, diamantata

MICRO FORCEPS



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm - 6°	12-1300	12-1304	12-1308	12-1312
180 mm - 7°	12-1301	12-1305	12-1309	12-1313
210 mm - 8½°	12-1302	12-1306	12-1310	12-1314
230 mm - 9°	12-1303	12-1307	12-1311	12-1315

Maul glatt
Jaw smooth
 Mors lisse
Boca lisa
 Morso liscio



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm - 6°	12-1316	12-1320	12-1324	12-1328
180 mm - 7°	12-1317	12-1321	12-1325	12-1329
210 mm - 8½°	12-1318	12-1322	12-1326	12-1330
230 mm - 9°	12-1319	12-1323	12-1327	12-1331

Fadenplatte 6,0 mm x 0,3 mm, glatt 1x2 1x2
Tying platform 6.0 mm x 0.3 mm, smooth
 Plate-forme 6.0 mm x 0.3 mm, lisse
Plataforma 6.0 mm x 0.3 mm, lisa
 Piano per sutura 6.0 mm x 0.3 mm, liscio



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm - 6°	12-1332	12-1336	12-1340	12-1344
180 mm - 7°	12-1333	12-1337	12-1341	12-1345
210 mm - 8½°	12-1334	12-1338	12-1342	12-1346
230 mm - 9°	12-1335	12-1339	12-1343	12-1347

Fadenplatte 6,0 mm x 0,7 mm, glatt 1x2 1x2
Tying platform 6.0 mm x 0.7 mm, smooth
 Plate-forme 6.0 mm x 0.7 mm, lisse
Plataforma 6.0 mm x 0.7 mm, lisa
 Piano per sutura 6.0 mm x 0.7 mm, liscio

MICRO FORCEPS


 diamantiert
diamond coated
 diamanté
diamantada
 diamantato



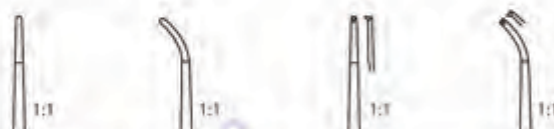
8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6°	12-1348	12-1352	12-1356	12-1360
180 mm – 7°	12-1349	12-1353	12-1357	12-1361
210 mm – 8½°	12-1350	12-1354	12-1358	12-1362
230 mm – 9°	12-1351	12-1355	12-1359	12-1363

diamantiert
diamond coated
 diamanté
diamantada
 diamantato



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6°	12-1364	12-1368	12-1372	12-1376
180 mm – 7°	12-1365	12-1369	12-1373	12-1377
210 mm – 8½°	12-1366	12-1370	12-1374	12-1378
230 mm – 9°	12-1367	12-1371	12-1375	12-1379

Fadenplatte 6,0 mm x 0,3 mm, diamantiert 1x2 1x2
Tying platform 6.0 mm x 0.3 mm, diamond coated
 Plate-forme 6.0 mm x 0.3 mm, diamanté
 Plataforma 6.0 mm x 0.3 mm, diamantada
 Piano per sutura 6.0 mm x 0.3 mm, diamantato



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6°	12-1380	12-1384	12-1388	12-1392
180 mm – 7°	12-1381	12-1385	12-1389	12-1393
210 mm – 8½°	12-1382	12-1386	12-1390	12-1394
230 mm – 9°	12-1383	12-1387	12-1391	12-1395

Fadenplatte 6,0 mm x 0,7 mm, diamantiert 1x2 1x2
Tying platform 6.0 mm x 0.7 mm, diamond coated
 Plate-forme 6.0 mm x 0.7 mm, diamanté
 Plataforma 6.0 mm x 0.7 mm, diamantada
 Piano per sutura 6.0 mm x 0.7 mm, diamantato



MICRO FORCEPS



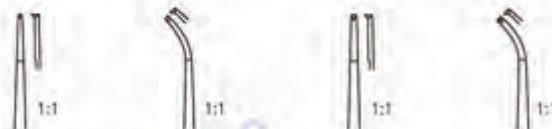
8 mm Ø	0.4 mm	0.4 mm	0.8 mm	0.8 mm
150 mm - 6"	12-1396	12-1400	12-1404	12-1408
180 mm - 7"	12-1397	12-1401	12-1405	12-1409
210 mm - 8 1/4"	12-1398	12-1402	12-1406	12-1410
230 mm - 9"	12-1399	12-1403	12-1407	12-1411

Maul glatt
Jaw smooth
 Mors lisse
 Boca lisa
 Morso liscio



8 mm Ø	0.4 mm	0.4 mm	0.8 mm	0.8 mm
150 mm - 6"	12-1412	12-1416	12-1420	12-1424
180 mm - 7"	12-1413	12-1417	12-1421	12-1425
210 mm - 8 1/4"	12-1414	12-1418	12-1422	12-1426
230 mm - 9"	12-1415	12-1419	12-1423	12-1427

Fadenplatte 6,0 mm
Tying platform 6.0 mm
 Plate-forme 6.0 mm
 Plataforma 6.0 mm
 Piano per sutura 6.0 mm



8 mm Ø	0.4 mm	0.4 mm	0.8 mm	0.8 mm
150 mm - 6"	12-1428	12-1432	12-1436	12-1440
180 mm - 7"	12-1429	12-1433	12-1437	12-1441
210 mm - 8 1/4"	12-1430	12-1434	12-1438	12-1442
230 mm - 9"	12-1431	12-1435	12-1439	12-1443

Fadenplatte 6,0 mm / 1x2 Zähne
Tying platform 6.0 mm / 1x2 teeth
 Plate-forme 6.0 mm / 1x2 dents
 Plataforma 6.0 mm / 1x2 dientes
 Piano per sutura 6.0 mm / 1x2 denti

MICRO FORCEPS

 diamantiert
diamond coated
 diamanté
diamantada
 diamantato



8 mm Ø	0.4 mm	0.4 mm	0.8 mm	0.8 mm
150 mm – 6°	12-1444	12-1448	12-1452	12-1456
180 mm – 7°	12-1445	12-1449	12-1453	12-1457
210 mm – 8½°	12-1446	12-1450	12-1454	12-1458
230 mm – 9°	12-1447	12-1451	12-1455	12-1459

diamantiert
diamond coated
 diamanté
diamantada
 diamantata



8 mm Ø	0.4 mm	0.4 mm	0.8 mm	0.8 mm
150 mm – 6°	12-1460	12-1464	12-1468	12-1472
180 mm – 7°	12-1461	12-1465	12-1469	12-1473
210 mm – 8½°	12-1462	12-1466	12-1470	12-1474
230 mm – 9°	12-1463	12-1467	12-1471	12-1475

Fadenplatte 6,0 mm, diamantiert
Tying platform 6.0 mm, diamond coated
 Plate-forme 6.0 mm, diamanté
Plataforma 6.0 mm, diamantada
 Piano per sutura 6.0 mm, diamantata



8 mm Ø	0.4 mm	0.4 mm	0.8 mm	0.8 mm
150 mm – 6°	12-1476	12-1480	12-1484	12-1488
180 mm – 7°	12-1477	12-1481	12-1485	12-1489
210 mm – 8½°	12-1478	12-1482	12-1486	12-1490
230 mm – 9°	12-1479	12-1483	12-1487	12-1491

Fadenplatte 6,0 mm / 1x2 Zähne, diamantiert
Tying platform 6.0 mm / 1x2 teeth, diamond coated
 Plate-forme 6.0 mm / 1x2 dents, diamanté
Plataforma 6.0 mm / 1x2 dientes, diamantada
 Piano per sutura 6.0 mm / 1x2 denti, diamantata

MICRO FORCEPS



JACOBSON

160 mm - 6 1/4"	12-1492	12-1494	12-1496	12-1498
180 mm - 7"	12-1493	12-1495	12-1497	12-1499
	gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>	abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
	droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>	angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
	retta, acuta	retta, smussa	angolata, acuta	angolata, smussa

160 mm - 6 1/4"	12-1500	12-1502	12-1504	12-1506
180 mm - 7"	12-1501	12-1503	12-1505	12-1507
diamantiert <i>diamond coated</i>	gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>	abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
diamanté <i>diamantada</i>	droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>	angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
diamantata	retta, acuta	retta, smussa	angolata, acuta	angolata, smussa

MICRO FORCEPS



YASARGIL

	225 mm - 8 3/4"*	225 mm - 8 3/4"*	225 mm - 8 3/4"*
3.0 mm	12-1508	12-1510	12-1512
5.0 mm	12-1509	12-1511	12-1513
	löffelförmig <i>spoon form</i>	flach gezahnt <i>plan toothed</i>	kürettenförmig <i>curette form</i>
	forme de cuillère <i>forma de cuchara</i> forma di cucchiaio	dentelé <i>dentada</i> dentato	forme de curette <i>forma de cureta</i> forma di curetta

MICRO FORCEPS



1:1



200 mm - 8"	12-1514	12-1516	12-1518	12-1520
225 mm - 8 7/8"	12-1515	12-1517	12-1519	12-1521
diamantiert <i>diamond coated</i>	gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>	abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
diamanté <i>diamantado</i>	droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>	angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
diamantato	retta, acuta	retta, smussa	angolata, acuta	angolata, smussa

225 mm - 8 7/8"	12-1522	12-1523
	gerade, spitz <i>straight, sharp</i>	gerade, stumpf <i>straight, blunt</i>
	droit, pointue <i>recta, aguda</i>	droit, mousse <i>recta, roma</i>
	retta, acuta	retta, smussa

200 mm - 8"	12-1524	12-1526
225 mm - 8 7/8"	12-1525	12-1527
	abgewinkelt, spitz <i>angled, sharp</i>	abgewinkelt, stumpf <i>angled, blunt</i>
	angulaire, pointue <i>acodada, aguda</i>	angulaire, mousse <i>acodada, roma</i>
	angolata, acuta	angolata, smussa

MICRO FORCEPS WITH ROUND HANDLE



	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
210 mm – 8¼"	12-1528	12-1530	12-1532	12-1534
230 mm – 9"	12-1529	12-1531	12-1533	12-1535

gerade, spitz
straight, sharp
droit, pointue
recta, aguda
retta, acuta

gerade, stumpf
straight, blunt
droit, mousse
recta, roma
retta, smussa

abgewinkelt, spitz
angled, sharp
angulaire, pointue
acodada, aguda
angolata, acuta

abgewinkelt, stumpf
angled, blunt
angulaire, mousse
acodada, roma
angolata, smussa

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
210 mm – 8¼"	12-1536	12-1538	12-1540	12-1542
230 mm – 9"	12-1537	12-1539	12-1541	12-1543

diamantiert
diamond coated
diamanté
diamantada
diamantata

gerade, spitz
straight, sharp
droit, pointue
recta, aguda
retta, acuta

gerade, stumpf
straight, blunt
droit, mousse
recta, roma
retta, smussa

abgewinkelt, spitz
angled, sharp
angulaire, pointue
acodada, aguda
angolata, acuta

abgewinkelt, stumpf
angled, blunt
angulaire, mousse
acodada, roma
angolata, smussa

MICRO RING FORCEPS



9 mm Ø	1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm
150 mm – 6°	12-1544	12-1548	12-1552	12-1556	12-1560	12-1564
180 mm – 7°	12-1545	12-1549	12-1553	12-1557	12-1561	12-1565
210 mm – 8 1/4°	12-1546	12-1550	12-1554	12-1558	12-1562	12-1566
230 mm – 9°	12-1547	12-1551	12-1555	12-1559	12-1563	12-1567

glatt
smooth

lisse
lisa
liscia

fein gerieft
slightly serrated

légèrement strié
lig. estriada
fina zigrinata

glatt
smooth

lisse
lisa
liscia

fein gerieft
slightly serrated

légèrement strié
lig. estriada
fina zigrinata

diamantiert
diamond coated

diamanté
diamantada
diamantata

diamantiert
diamond coated

diamanté
diamantada
diamantata



8 mm Ø	1.0 x 0.5 mm	1.0 x 0.5 mm	2.0 x 1.0 mm	2.0 x 1.0 mm	1.0 x 0.5 mm	2.0 x 1.0 mm
150 mm – 6°	12-1568	12-1572	12-1576	12-1580	12-1584	12-1588
180 mm – 7°	12-1569	12-1573	12-1577	12-1581	12-1585	12-1589
210 mm – 8 1/4°	12-1570	12-1574	12-1578	12-1582	12-1586	12-1590
230 mm – 9°	12-1571	12-1575	12-1579	12-1583	12-1587	12-1591

glatt
smooth

lisse
lisa
liscia

fein gerieft
slightly serrated

légèrement strié
lig. estriada
fina zigrinata

glatt
smooth

lisse
lisa
liscia

fein gerieft
slightly serrated

légèrement strié
lig. estriada
fina zigrinata

diamantiert
diamond coated

diamanté
diamantada
diamantata

diamantiert
diamond coated

diamanté
diamantada
diamantata

MICRO RING FORCEPS



9 mm Ø	1.0 mm x 0.5 mm	1.0 mm x 0.5 mm	2.0 mm x 1.0 mm	2.0 mm x 1.0 mm
210 mm - 8 1/4"	12-1592	12-1594	12-1596	12-1598
230 mm - 9"	12-1593	12-1595	12-1597	12-1599

glatt
smooth
lisse
liso
liscia

gerieft
serrated
strié
estriada
zigrinata

glatt
smooth
lisse
liso
liscia

gerieft
serrated
strié
estriada
zigrinata



9 mm Ø	1.0 mm x 0.5 mm	2.0 mm x 1.0 mm
210 mm - 8 1/4"	12-1600	12-1602
230 mm - 9"	12-1601	12-1603

diamantiert
diamond coated
diamanté
diamantada
diamantata

ATRAUMATIC MICRO FORCEPS



	x = 1.2 mm	x = 2.0 mm	x = 1.5 mm	x = 2.0 mm
150 mm - 6"	12-1604	12-1608	12-1612	12-1616
180 mm - 7"	12-1605	12-1609	12-1613	12-1617
210 mm - 8 1/4"	12-1606	12-1610	12-1614	12-1618
230 mm - 9"	12-1607	12-1611	12-1615	12-1619

gerade
straight
 droit
recta
 retta

gerade
straight
 droit
recta
 retta

abgewinkelt
angled
 angulaire
acodada
 angolata

abgewinkelt
angled
 angulaire
acodada
 angolata

MICRO NEEDLE HOLDERS

CASTROVIEJO

x = 11.0 mm x 0.75 mm

140 mm - 5½"

ohne Sperre, feines Maul
without ratchet, fine jaws
 sans crémaillère, mors fine
sin cremallera, boca fina
 senza cremagliera, morso fino



12-1620

12-1621

12-1622

12-1623

gerade
straight

gebogen
curved

gerade, diamantiert
straight, diamond coated

gebogen, diamantiert
curved, diamond coated

droit
recta

courbe
curva

droit, diamanté
recta, diamantada

courbe, diamanté
curva, diamantada

retto

curvo

retto, diamantato

curvo, diamantato

x = 11.0 mm x 0.75 mm

140 mm - 5½"

mit Sperre, feines Maul
with ratchet, fine jaws
 avec crémaillère, mors fine
con cremallera, boca fina
 con cremagliera, morso fino

gerade
straight

gebogen
curved

gerade, diamantiert
straight, diamond coated

gebogen, diamantiert
curved, diamond coated

droit
recta

courbe
curva

droit, diamanté
recta, diamantada

courbe, diamanté
curva, diamantada

retto

curvo

retto, diamantato

curvo, diamantato



MICRO NEEDLE HOLDERS



JACOBSON



	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7°	12-1628	12-1629	12-1630	12-1631

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> <i>senza cremagliera</i>	droit <i>recta</i> <i>retto</i>	courbe <i>curva</i> <i>curvo</i>	droit, diamanté <i>recta, diamantada</i> <i>retto, diamantato</i>	courbe, diamanté <i>curva, diamantada</i> <i>curvo, diamantato</i>

	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7°	12-1632	12-1633	12-1634	12-1635

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> <i>con cremagliera</i>	droit <i>recta</i> <i>retto</i>	courbe <i>curva</i> <i>curvo</i>	droit, diamanté <i>recta, diamantada</i> <i>retto, diamantato</i>	courbe, diamanté <i>curva, diamantada</i> <i>curvo, diamantato</i>



	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7°	12-1636	12-1637	12-1638	12-1639

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> <i>senza cremagliera</i>	droit, lisse <i>recta, liso</i> <i>retto, liscio</i>	courbe, lisse <i>curva, lisa</i> <i>curvo, liscio</i>	droit, strié <i>recta, estriada</i> <i>retto, zigrinato</i>	courbe, strié <i>curva, estriada</i> <i>curvo, zigrinato</i>

	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm - 7°	12-1640	12-1641	12-1642	12-1643

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> <i>con cremagliera</i>	droit, lisse <i>recta, liso</i> <i>retto, liscio</i>	courbe, lisse <i>curva, lisa</i> <i>curvo, liscio</i>	droit, strié <i>recta, estriada</i> <i>retto, zigrinato</i>	courbe, strié <i>curva, estriada</i> <i>curvo, zigrinato</i>

MICRO NEEDLE HOLDERS



YASARGIL



180 mm – 7"	12-1644	12-1646	12-1648	12-1650
200 mm – 8"	12-1645	12-1647	12-1649	12-1651




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	droit	courbe	droit, diamanté	courbe, diamanté
sin cremallera	recta	curva	recta, diamantada	curva, diamantada
senza cremagliera	retto	curvo	retto, diamantato	curvo, diamantato

180 mm – 7"	12-1652	12-1654	12-1656	12-1658
200 mm – 8"	12-1653	12-1655	12-1657	12-1659

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	droit	courbe	droit, diamanté	courbe, diamanté
con cremallera	recta	curva	recta, diamantada	curva, diamantada
con cremagliera	retto	curvo	retto, diamantato	curvo, diamantato

MICRO NEEDLE HOLDERS WITH ROUND HANDLE



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"	12-1660	12-1661	12-1662	12-1663

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"	12-1664	12-1665	12-1666	12-1667


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"	12-1668	12-1669	12-1670	12-1671

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"	12-1672	12-1673	12-1674	12-1675

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.

MICRO NEEDLE HOLDERS WITH ROUND HANDLE



110 mm – 4 1/4 °	8 mm Ø	12-1676	12-1683
125 mm – 5 °	7 mm Ø	12-1677	12-1684
130 mm – 5 °	8 mm Ø	12-1678	12-1685
130 mm – 5 °	10 mm Ø	12-1679	12-1686
150 mm – 6 °	8 mm Ø	12-1680	12-1687
180 mm – 7 °	8 mm Ø	12-1681	12-1688
180 mm – 7 °	10 mm Ø	12-1682	12-1689

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	12-1690	12-1697
125 mm – 5 °	7 mm Ø	12-1691	12-1698
130 mm – 5 °	8 mm Ø	12-1692	12-1699
130 mm – 5 °	10 mm Ø	12-1693	12-1700
150 mm – 6 °	8 mm Ø	12-1694	12-1701
180 mm – 7 °	8 mm Ø	12-1695	12-1702
180 mm – 7 °	10 mm Ø	12-1696	12-1703

mit Sperre
with ratchet
avec crémaillère
con cremallera
con cremagliera

gerade
straight
droit
recta
retto

gebogen
curved
courbe
curva
curvo

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS


BARRAQUER

140 mm - 5½"	8 mm Ø	12-1704	12-1705	12-1706	12-1707
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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	12-1708	12-1709	12-1710	12-1711
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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

MICRO NEEDLE HOLDERS



1:1

150 mm - 6"	9 mm Ø	12-1712
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ohne Sperre, gebogen
without ratchet, curved
sans crémaillère, courbe
sin cremallera, curvo
senza cremagliera, curvo

1:1

MICRO NEEDLE HOLDERS



1:1



1:1



1:1



1:1

	0.3 mm x 0.4 mm	0.3 mm x 0.4 mm
180 mm - 7°	12-1715	12-1716

Titan, mit Sperre

Titanium, with ratchet

Titane, avec crémaillère

Titano, con cremallera

Titanio, con cremagliera



1:1



1:1

	0.8 mm x 0.8 mm	0.8 mm x 0.8 mm
185 mm - 7 1/4°	12-1713	12-1714

Titan, mit Sperre

Titanium, with ratchet

Titane, avec crémaillère

Titano, con cremallera

Titanio, con cremagliera

MICRO NEEDLE HOLDERS



	0.5 mm x 0.8 mm	0.5 mm x 0.8 mm
200 mm - 8"	12-1721	12-1722

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



	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"	12-1717	12-1718	12-1719	12-1720

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

MICRO NEEDLE HOLDERS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

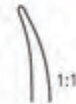
SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



225 mm - 8 3/4"	12-1723	12-1726
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stainless steel

225 mm - 8 3/4"	12-1724	12-1727
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225 mm - 8 3/4"	12-1725 Titan	12-1728 Titan
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ohne Sperre
without ratchet
 sans crémaillère
 sin cremallera
 senza cremagliera

225 mm - 8 3/4"	12-1729	12-1730
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stainless steel

225 mm - 8 3/4"	12-1731	12-1732
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mit Sperre
with ratchet
 avec crémaillère
 con cremallera
 con cremagliera

MICRO NEEDLE HOLDERS



	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm - 8°	12-1733	12-1736	12-1739	12-1742
225 mm - 8½°	12-1734	12-1737	12-1740	12-1743
240 mm - 9½°	12-1735	12-1738	12-1741	12-1744
ohne Sperre without ratchet	gerade straight	gebogen curved	gerade straight	gebogen curved
sans crémaillère sin cremallera senza cremagliera	droit recta retto	courbe curva curvo	droit recta retto	courbe curva curvo

	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm - 8°	12-1745	12-1748	12-1751	12-1754
225 mm - 8½°	12-1746	12-1749	12-1752	12-1755
240 mm - 9½°	12-1747	12-1750	12-1753	12-1756
ohne Sperre, diamantiert without ratchet, diamond coated	gerade straight	gebogen curved	gerade straight	gebogen curved
sans crémaillère, diamanté sin cremallera, diamantada senza cremagliera, diamantato	droit recta retto	courbe curva curvo	droit recta retto	courbe curva curvo







Diese Nadelhalter sind auch mit Sperre erhältlich.
 These needle holders are also available with ratchet.

Ces porte aiguilles sont également disponibles avec crémaillère.
 Estas porta agujas son también disponibles con cremallera.
 Questi port'aghi son fornibili anche con cremagliera.

MICRO NEEDLE HOLDERS



JACOBSON

	 1:1	 1:1	 1:1	 1:1
180 mm – 7°	12-1757	12-1758	12-1759	12-1760
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	courbe	droit, diamanté	courbe, diamanté
senza cremagliera	retto	curvo	retto, diamantato	curvo, diamantato

	12-1761	12-1762	12-1763	12-1764
180 mm – 7°				
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	courbe	droit, diamanté	courbe, diamanté
con cremagliera	retto	curvo	retto, diamantato	curvo, diamantato



Diese Nadelhalter sind auch mit Sperre erhältlich.
 These needle holders are also available with ratchet.

Ces porte aiguilles sont également disponibles avec crémaillère.
 Estas porta agujas son también disponibles con cremallera.
 Questi port'aghi son fornibili anche con cremagliera.

MICRO NEEDLE HOLDERS



9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm - 9°	12-1765	12-1766	12-1767	12-1768
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	courbe	droit, diamanté	courbe, diamanté
senza cremagliera	recta	curva	recta, diamantada	curva, diamantada
	retto	curvo	retto, diamantato	curvo, diamantato

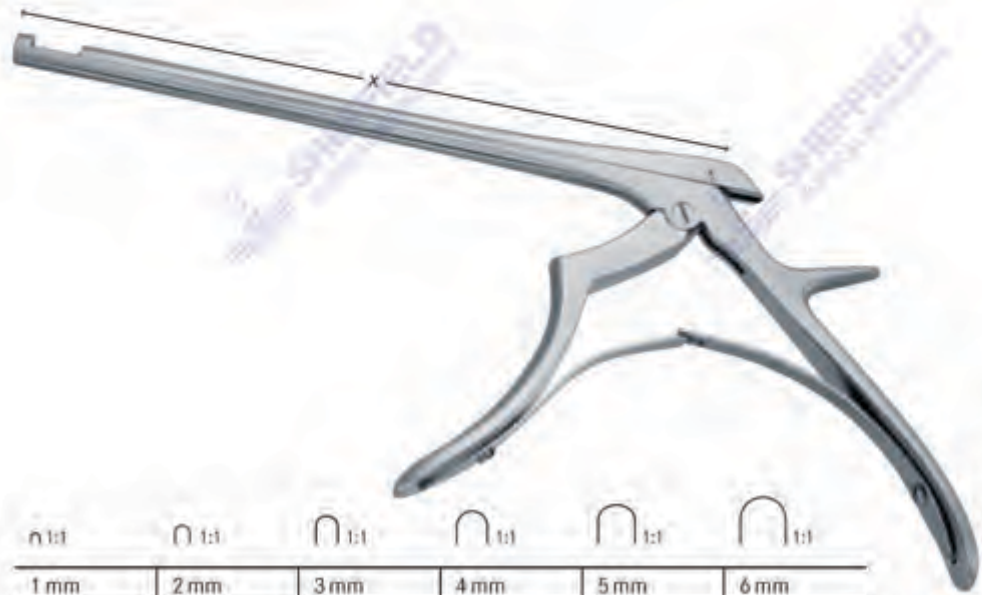
9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm - 9°	12-1769	12-1770	12-1771	12-1772
mit Sperre <i>with ratchet</i>	gerade <i>straight</i>	gebogen <i>curved</i>	gerade, diamantiert <i>straight, diamond coated</i>	gebogen, diamantiert <i>curved, diamond coated</i>
avec crémaillère <i>con cremallera</i>	droit	courbe	droit, diamanté	courbe, diamanté
con cremagliera	recta	curva	recta, diamantada	curva, diamantada
	retto	curvo	retto, diamantato	curvo, diamantato



9 mm Ø				
230 mm - 9°	12-1773	12-1774	12-1775	12-1776
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	courbe, lisse	droit, strié	courbe, strié
senza cremagliera	recta, lisa	curva, lisa	recta, estriada	curva, estriada
	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato

9 mm Ø				
230 mm - 9°	12-1777	12-1778	12-1779	12-1780
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	courbe, lisse	droit, strié	courbe, strié
con cremagliera	recta, lisa	curva, lisa	recta, estriada	curva, estriada
	retto, liscio	curvo, liscio	retto, zigrinato	curvo, zigrinato

LAMINECTOMY PUNCHES



1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
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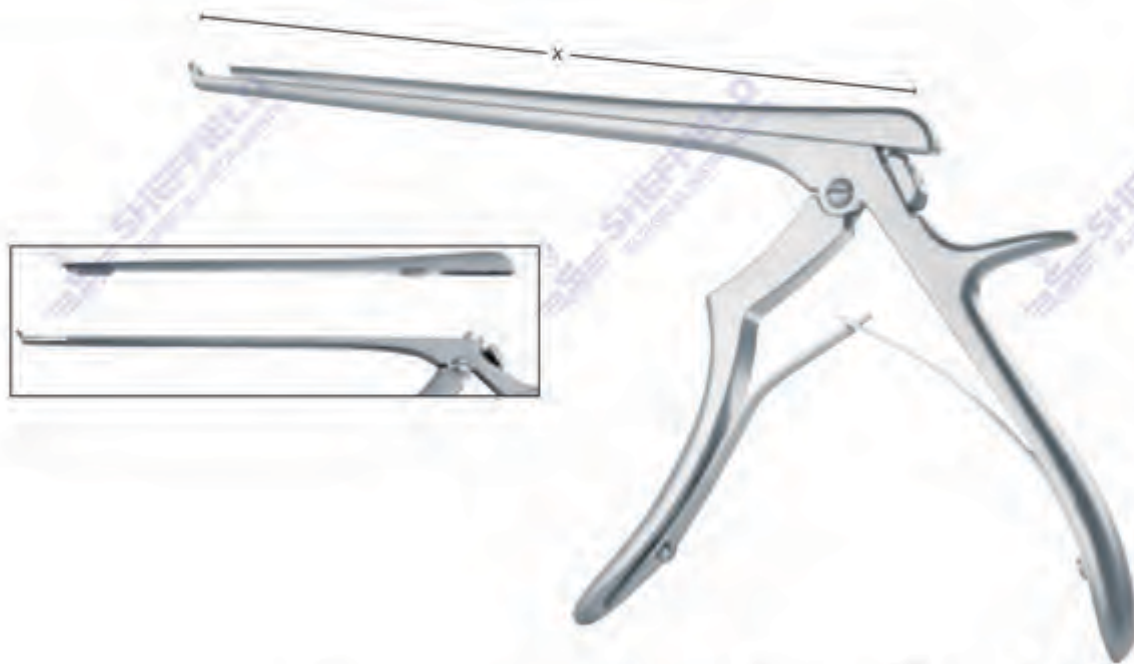
FERRIS- SMITH-KERRISON

	x = 150mm - 6°	x = 180 mm - 7°	x = 200 mm - 8°	x = 230 mm - 9°
1 mm	12-1781	12-1788	12-1794	12-1800
2 mm	12-1782	12-1789	12-1795	12-1801
3 mm	12-1783	12-1790	12-1796	12-1802
4 mm	12-1784	12-1791	12-1797	12-1803
5 mm	12-1785	12-1792	12-1798	12-1804
6 mm	12-1786	12-1793	12-1799	12-1805
1 mm	12-1806	12-1812	12-1818	12-1824
2 mm	12-1807	12-1813	12-1819	12-1825
3 mm	12-1808	12-1814	12-1820	12-1826
4 mm	12-1809	12-1815	12-1821	12-1827
5 mm	12-1810	12-1816	12-1822	12-1828
6 mm	12-1811	12-1817	12-1823	12-1829
1 mm	12-1830	12-1836	12-1842	12-1848
2 mm	12-1831	12-1837	12-1843	12-1849
3 mm	12-1832	12-1838	12-1844	12-1850
4 mm	12-1833	12-1839	12-1845	12-1851
5 mm	12-1834	12-1840	12-1846	12-1852
6 mm	12-1835	12-1841	12-1847	12-1853
1 mm	12-1854	12-1856	12-1862	
2 mm	12-1855	12-1857	12-1863	12-1868
3 mm		12-1858	12-1864	12-1869
4 mm		12-1859	12-1865	12-1870
5 mm		12-1860	12-1866	12-1871
6 mm		12-1861	12-1867	12-1872

Dünne Fußplatte
 Thin footplate

Plaque de coupe étroite
 Lámina de punzonar estrecha
 Battente sottile

DISMANTTABLE LAMINECTOMY PUNCHES



 1:1	 1:1	 1:1	 1:1	 1:1	 1:1
1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

FERRIS- SMITH-KERRISON

	x - 180 mm - 7"	x - 200 mm - 8"	x - 230 mm - 9"
	1 mm 12-1873	1 mm 12-1879	1 mm 12-1885
	2 mm 12-1874	2 mm 12-1880	2 mm 12-1886
	3 mm 12-1875	3 mm 12-1881	3 mm 12-1887
	4 mm 12-1876	4 mm 12-1882	4 mm 12-1888
	5 mm 12-1877	5 mm 12-1883	5 mm 12-1889
	6 mm 12-1878	6 mm 12-1884	6 mm 12-1890
	1 mm 12-1891	1 mm 12-1897	1 mm 12-1903
	2 mm 12-1892	2 mm 12-1898	2 mm 12-1904
	3 mm 12-1893	3 mm 12-1899	3 mm 12-1905
	4 mm 12-1894	4 mm 12-1900	4 mm 12-1906
	5 mm 12-1895	5 mm 12-1901	5 mm 12-1907
	6 mm 12-1896	6 mm 12-1902	6 mm 12-1908
	1 mm 12-1909	1 mm 12-1915	1 mm 12-1921
	2 mm 12-1910	2 mm 12-1916	2 mm 12-1922
	3 mm 12-1911	3 mm 12-1917	3 mm 12-1923
	4 mm 12-1912	4 mm 12-1918	4 mm 12-1924
	5 mm 12-1913	5 mm 12-1919	5 mm 12-1925
	6 mm 12-1914	6 mm 12-1920	6 mm 12-1926
	1 mm 12-1927	1 mm 12-1933	1 mm 12-1939
	2 mm 12-1928	2 mm 12-1934	2 mm 12-1940
	3 mm 12-1929	3 mm 12-1935	3 mm 12-1941
	4 mm 12-1930	4 mm 12-1936	4 mm 12-1942
	5 mm 12-1931	5 mm 12-1937	5 mm 12-1943
	6 mm 12-1932	6 mm 12-1938	6 mm 12-1944

Dünne Fußplatte

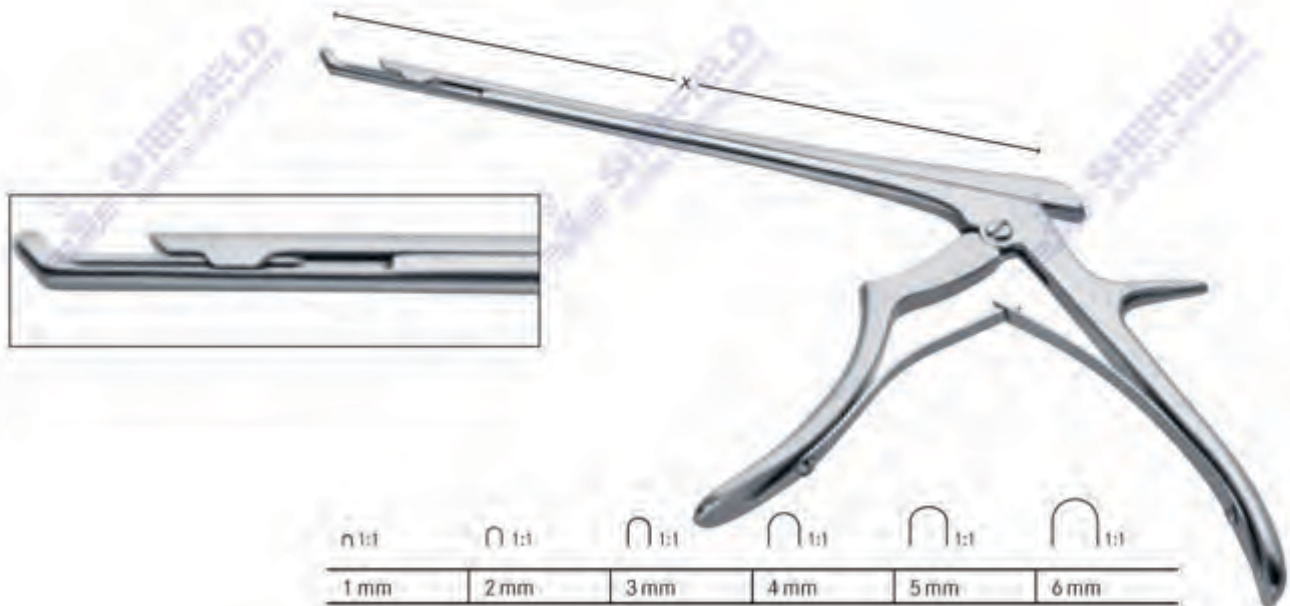
Thin footplate

Plaque de coupe étroite

Lámina de punzonar estrecha

Battente sottile

LAMINECTOMY PUNCHES



n.t.t	∩ t.t	∩ t.t	∩ t.t	∩ t.t	∩ t.t
1 mm	2 mm	3 mm	4 mm	5 mm	6 mm

FERRIS- SMITH-KERRISON

	x = 150mm - 6°	x = 180 mm - 7°	x = 200 mm - 8°	x = 230 mm - 9°
1 mm	12-1945	12-1951	12-1957	12-1963
2 mm	12-1946	12-1952	12-1958	12-1964
3 mm	12-1947	12-1953	12-1959	12-1965
4 mm	12-1948	12-1954	12-1960	12-1966
5 mm	12-1949	12-1955	12-1961	12-1967
6 mm	12-1950	12-1956	12-1962	12-1968
1 mm	12-1969	12-1975	12-1981	12-1987
2 mm	12-1970	12-1976	12-1982	12-1988
3 mm	12-1971	12-1977	12-1983	12-1989
4 mm	12-1972	12-1978	12-1984	12-1990
5 mm	12-1973	12-1979	12-1985	12-1991
6 mm	12-1974	12-1980	12-1986	12-1992
1 mm	12-1993	12-1999	12-2005	12-2011
2 mm	12-1994	12-2000	12-2006	12-2012
3 mm	12-1995	12-2001	12-2007	12-2013
4 mm	12-1996	12-2002	12-2008	12-2014
5 mm	12-1997	12-2003	12-2009	12-2015
6 mm	12-1998	12-2004	12-2010	12-2016

mit Auswerfer
with ejector

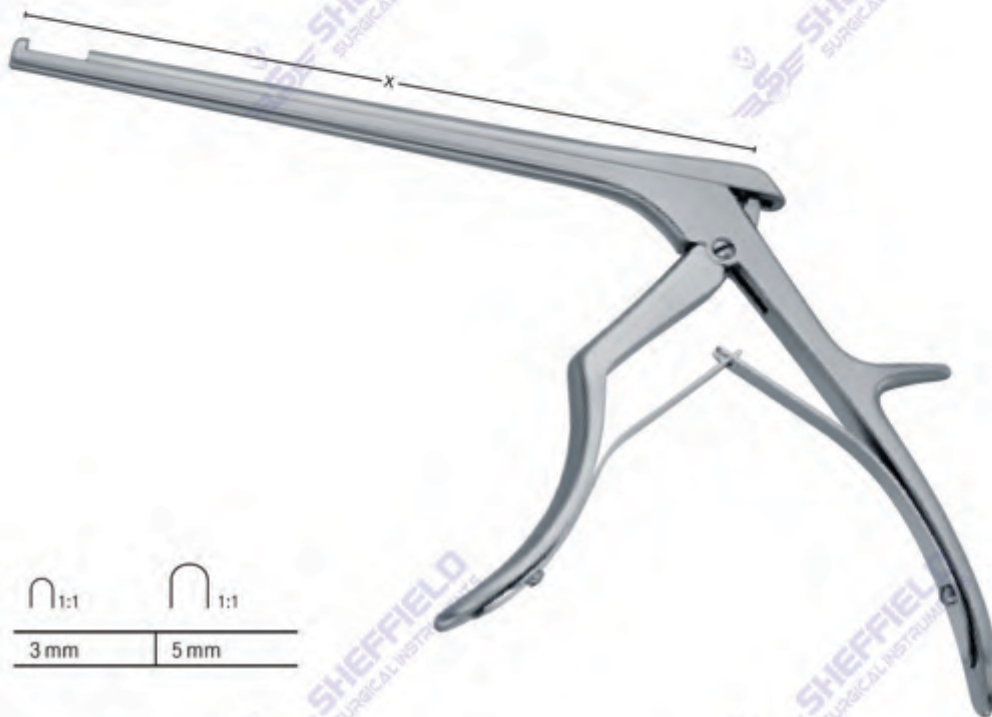
con expulsor
avec éjecteur
con espulsore



Auf Anfrage auch zerlegbar lieferbar.
On request also detachable available.

A petición también disponible desmontable.
Sue demande aussi disponible détachable.
A richiesta si fornisce anche smontabile.

LAMINECTOMY PUNCHES

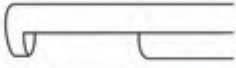

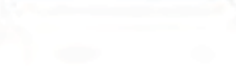


COLCLOUGH

	x = 150 mm - 6"	x = 200 mm - 8"
	3 mm 12-2017	3 mm 12-2019
	5 mm 12-2018	5 mm 12-2020
	3 mm 12-2021	3 mm 12-2023
	5 mm 12-2022	5 mm 12-2024
	3 mm 12-2025	3 mm 12-2027
	5 mm 12-2026	5 mm 12-2028

LAMINECTOMY PUNCHES



FERRIS-SMITH-KERRISON		
		$x = 180 \text{ mm} - 7''$
	5 mm	12-2029
	5 mm	12-2030

LAMINECTOMY RONGEURS



CUSHING



1:1

	2 mm x 10 mm	2 mm x 10 mm	2 mm x 10 mm
x = 130 mm - 5°	12-2031	12-2035	12-2039
x = 150 mm - 6°	12-2032	12-2036	12-2040
x = 180 mm - 7°	12-2033	12-2037	12-2041
x = 220 mm - 8 1/4°	12-2034	12-2038	12-2042

LOVE-GRUENWALD



1:1

	3 mm x 10 mm	3 mm x 10 mm	3 mm x 10 mm
x = 130 mm - 5°	12-2043	12-2047	12-2051
x = 150 mm - 6°	12-2044	12-2048	12-2052
x = 180 mm - 7°	12-2045	12-2049	12-2053
x = 220 mm - 8 1/4°	12-2046	12-2050	12-2054

SPURLING



1:1

	4 mm x 10 mm	4 mm x 10 mm	4 mm x 10 mm
x = 130 mm - 5°	12-2055	12-2059	12-2063
x = 150 mm - 7°	12-2056	12-2060	12-2064
x = 180 mm - 7°	12-2057	12-2061	12-2065
x = 220 mm - 8 1/4°	12-2058	12-2062	12-2066

CLOWARD







1:1

	6 mm x 10 mm		
x = 180 mm - 7°	12-2067		

LAMINECTOMY RONGEURS



		FERRIS-SMITH			
		x = 180 mm - 7"	x = 180 mm - 7"	x = 180 mm - 7"	
	1:1	2 mm x 10 mm	12-2068	12-2072	12-2075
	1:1	3 mm x 10 mm	12-2069	12-2073	12-2076
	1:1	4 mm x 10 mm	12-2070	12-2074	12-2077
	1:1	6 mm x 10 mm	12-2071		



Andere Längen und Ausführungen sind auf Anfrage lieferbar.

Other lengths and executions are available upon request.

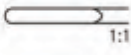



Autres longueurs et exécutions sont disponibles sur demande.

Otras longitudes y ejecuciones son disponibles según demanda.

Altre lunghezze e modelli fornibili a richiesta.

LAMINECTOMY RONGEURS



		CASPAR		
		x = 155 mm - 6"	x = 155 mm - 6"	x = 155 mm - 6"
	1:1 2 mm	12-2078	12-2082	12-2085
	1:1 3 mm	12-2079	12-2083	12-2086
	1:1 4 mm	12-2080	12-2084	12-2087
	1:1 5 mm	12-2081		

LAMINECTOMY RONGEURS



OLDENBERG

 1:1

 1:1

x = 180 mm - 7"	3.5 mm Ø	6.0 mm Ø
170 mm - 6 3/4"	12-2088	12-2089

1:2



SCHLESINGER

	3 mm x 10 mm
	x = 125 mm - 5"
190 mm - 7 1/2"	12-2090

gezahnt
 saw edge
 dentelé
 dentada
 dentata

1:2

LAMINECTOMY RONGEURS



Maul gefenstert und gezahnt
Jaw fenestrated and serrated
 Mors fenêtré et dentelé
 Boca con orificio y dentada
 Morso finestrato e dentellato



CASPAR

	x = 140 mm - 5½"	x = 160 mm - 6¼"	x = 185 mm - 7¼"
2 mm x 12 mm	12-2091	12-2094	12-2099
3 mm x 12 mm	12-2092	12-2095	12-2100
4 mm x 14 mm	12-2093	12-2096	12-2101
5 mm x 14 mm		12-2097	12-2102
6 mm x 16 mm		12-2098	12-2103



	x = 140 mm - 5½"	x = 160 mm - 6¼"	x = 185 mm - 7¼"
3 mm x 12 mm	12-2104	12-2106	12-2109
4 mm x 14 mm	12-2105	12-2107	12-2110
5 mm x 14 mm		12-2108	12-2111



	x = 140 mm - 5½"	x = 160 mm - 6¼"	x = 185 mm - 7¼"
3 mm x 12 mm	12-2112	12-2114	12-2116
4 mm x 14 mm	12-2113	12-2115	12-2117



RIB SHEARS



RIB SHEARS



LEBSCHE

245 mm - 9 $\frac{3}{4}$ "

12-2123



BRUNNER

320 mm - 12 $\frac{1}{2}$ "

12-2124

12-2125

für die rechte Hand
for the right hand
pour la main droite
para la mano derecha
per la mano destra

für die linke Hand
for the left hand
pour la main gauche
para la mano izquierda
per la mano sinistra



SAUERBRUCH-FREY

360 mm - 14 $\frac{1}{4}$ "

12-2126

RIB SHEARS



SAUERBRUCH

260 mm - 10 $\frac{1}{4}$ " **12-2127**



GIERTZ-STILLE

270 mm - 10 $\frac{3}{4}$ " **12-2128**



BETHUNE

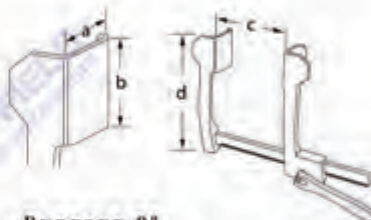
340 mm - 13 $\frac{1}{2}$ " **12-2129**

13

THORAX, LUNG



RIB RETRACTORS



BURFORD 8"

	a	b	c	d
13-1001	45 mm	62 mm	165 mm	200 mm
	65 mm	62 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
 pour adultes, avec 2 paires de valves interchangeables, aluminium
 para adultos, con 2 pares de valvas intercambiables, aluminio
 per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD 10"

	a	b	c	d
13-1002	45 mm	62 mm	250 mm	200 mm
	65 mm	62 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
 pour adultes, avec 2 paires de valves interchangeables, aluminium
 para adultos, con 2 pares de valvas intercambiables, aluminio
 per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD 12"

	a	b	c	d
13-1003	45 mm	62 mm	290 mm	200 mm
	62 mm	62 mm		

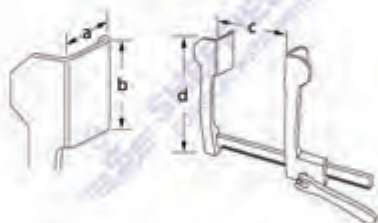
für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
 pour adultes, avec 2 paires de valves interchangeables, aluminium
 para adultos, con 2 pares de valvas intercambiables, aluminio
 per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD

	a	b	c	d
13-1004	34 mm	42 mm	135 mm	117 mm
	48 mm	42 mm		

für Kinder, mit 2 Paar auswechselbaren Valven, Aluminium
for children, with 2 pairs of interchangeable blades, aluminium
 pour enfants, avec 2 paires de valves interchangeables, aluminium
 para niños, con 2 pares de valvas intercambiables, aluminio
 per bambini, con 2 paia di valve intercambiabili, alluminio

RIB RETRACTORS



FINOCHIETTO

	a	b	c	d
13-1005	85 mm	65 mm	175 mm	145 mm

grosses Modell, für Erwachsene, Aluminium
large size, for adults, aluminium

grand modèle, pour adultes, aluminium
modelo grande, para adultos, aluminio
modello grande, per adulti, alluminio

FINOCHIETTO

	a	b	c	d
13-1006	52 mm	62 mm	175 mm	145 mm

mittleres Modell, für Erwachsene, Aluminium
medium size, for adults, aluminium

moyen modèle, pour adultes, aluminium
modelo medio, para adultos, aluminio
modello medio, per adulti, alluminio

FINOCHIETTO

	a	b	c	d
13-1007	38 mm	44 mm	135 mm	110 mm

kleines Modell, auch für Kinder geeignet, Aluminium
small size, for children too, aluminium

petit modèle, également pour enfants, aluminium
modelo pequeño, también para niños, aluminio
modello piccolo, pure per bambini, alluminio

FINOCHIETTO- BABY-HAIGHT

	a	b	c	d
13-1008	27 mm	30 mm	95 mm	80 mm

für Kinder, Aluminium
for children, aluminium

pour enfants, aluminium
para niños, aluminio
per bambini, alluminio

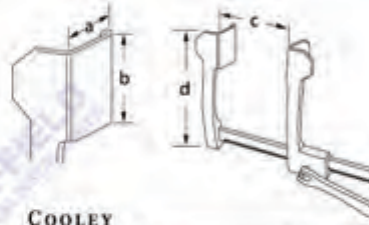
FINOCHIETTO- INFANT

	a	b	c	d
13-1009	12 mm	15 mm	70 mm	55 mm

für Säuglinge, Aluminium
for infants, aluminium

pour nourissons, aluminium
para lactantes, aluminio
per lattanti, alluminio

RIB RETRACTORS



COOLEY

	a	b	c	d
13-1010	35 mm	100 mm	180 mm	180 mm

für Erwachsene, Aluminium

for adults, aluminium

pour adultes, aluminium

para adultos, aluminio

per adulti, alluminio

COOLEY

	a	b	c	d
13-1011	35 mm	115 mm	230 mm	205 mm

extra gross, für Erwachsene, Aluminium

extra large, for adults, aluminium

extra grand, pour adultes, aluminium

extra grande, para adultos, aluminio

extra grande, per adulti, alluminio



COOLEY

	a	b	c	d
13-1012	35 mm	50 mm	200 mm	145 mm

für Erwachsene, Standardgröße, modifiziert, Aluminium

for adults, standard size, modified, aluminium

pour adultes, standard, modifié, aluminium

para adultos, estandard, modificado, aluminio

per adulti, standard, modificato, alluminio

COOLEY

	a	b	c	d
13-1013	20 mm	45 mm	140 mm	110 mm

für Kinder, modifiziert, Aluminium

for children, modified, aluminium

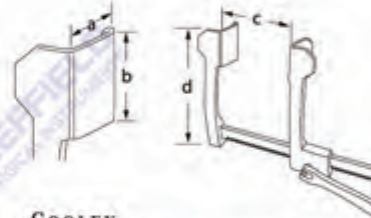
pour enfants, modifié, aluminium

para niños, modificado, aluminio

per bambini, modificato, alluminio



RIB RETRACTORS



COOLEY

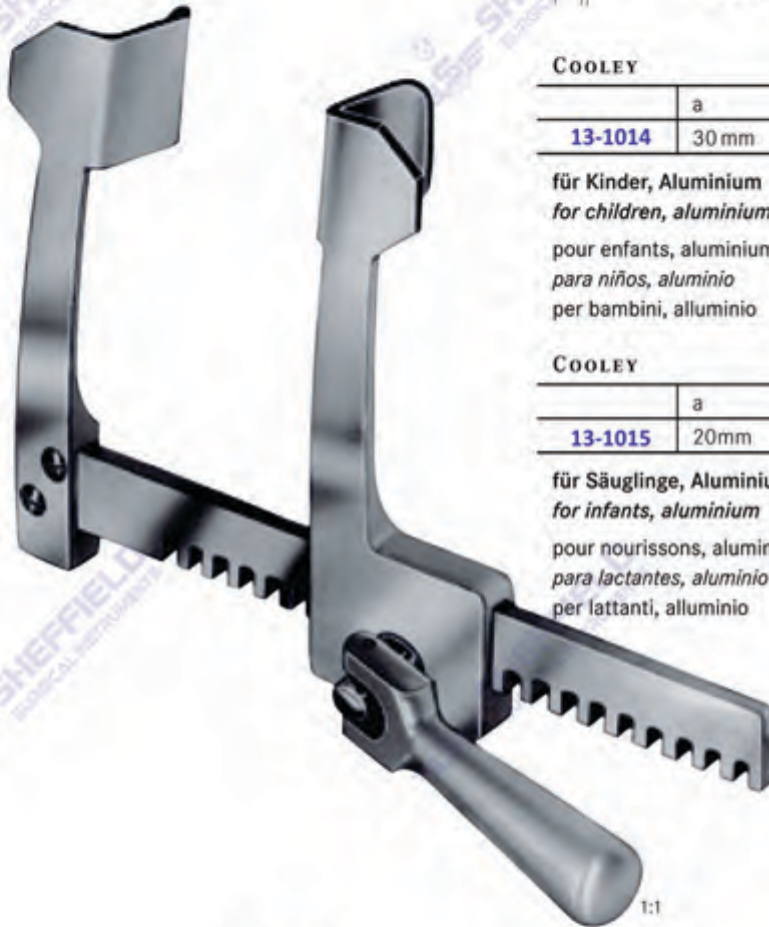
	a	b	c	d
13-1014	30 mm	35 mm	140 mm	110 mm

für Kinder, Aluminium
for children, aluminium
pour enfants, aluminium
para niños, aluminio
per bambini, alluminio

COOLEY

	a	b	c	d
13-1015	20 mm	25 mm	100 mm	80 mm

für Säuglinge, Aluminium
for infants, aluminium
pour nourissons, aluminium
para lactantes, aluminio
per lattanti, alluminio

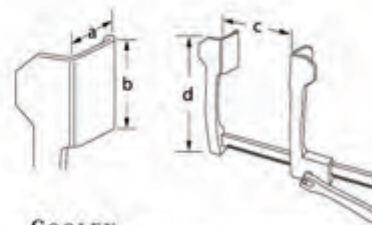


COOLEY

	a	b	c	d
13-1016	12 mm	15 mm	70 mm	55 mm

für Neugeborene, Aluminium
for newbornes, aluminium
pour nouveau-nés, aluminium
para recién nacidos, aluminio
per neonati, alluminio

RIB RETRACTORS



COOLEY

	a	b	c	d
13-1017	15 mm	30 mm	140 mm	80 mm

für Kinder, Sternotomiespreizer, leicht aber trotzdem kräftig, Aluminium
for children, sternal spreader, light-weight but sturdy, aluminium
 pour enfants, écarteur sternal, léger mais fort, aluminium
 para niños, separador sternal, ligero y fuerte, aluminio
 per bambini, divaricatore sternale, leggero ma forte, alluminio

COOLEY

	a	b	c	d
13-1018	12 mm	13 mm	95 mm	55 mm

für Neugeborene, Aluminium
for newbornes, aluminium
 pour nouveau-nés, aluminium
 para recién nacidos, aluminio
 per neonati, alluminio

COOLEY

	a	b	c	d
13-1019	15 mm	20 mm	100 mm	80 mm

für Säuglinge, Sternotomiespreizer mit Dornen, Aluminium
for infants, sternal spreader with prongs, aluminium
 pour nourissons, écarteur sternal avec poinçons, aluminium
 para lactantes, separador sternal con espigas, aluminio
 per lattanti, divaricatore sternale con spine, alluminio

RIB RETRACTORS



MORSE STERNAL

	a	b	c	d	e
13-1020	20 mm	20 mm	155 mm	120 mm	50 mm

mit 2 Paar beweglichen Valven, für Kinder,

Biegung der Spreizarme zwischen den Valven, Aluminium

with 2 pairs movable blades, for children, arms curved between blades, aluminium

avec 2 paires de valves mobiles, pour enfants, courbure entre les valves, aluminium

con 2 pares de valvas móviles, para niños, curvado entre las valvas, aluminio

con 2 paia di valve mobili, per bambini, branche curvate, alluminio

MORSE-FAVALORO STERNAL

	a	b	c	d	e
13-1021	40 mm	20 mm	155 mm	175 mm	65 mm

mit 2 Paar beweglichen Valven, für Erwachsene,

Biegung der Spreizarme zwischen den Valven, Aluminium

with 2 pairs movable blades, for adults, arms curved between blades, aluminium

avec 2 paires de valves mobiles, pour adultes, courbure entre les valves, aluminium

con 2 pares de valvas móviles, para adultos, curvado entre las valvas, aluminio

con 2 paia di valve mobili, per adulti, branche curvate, alluminio

MORSE-FAVALORO STERNAL

	a	b	c	d	e
13-1022	17 mm	22 mm	160 mm	120 mm	50 mm

mit 2 Paar beweglichen Valven, für Kinder, Biegung der Spreizarme zwischen den Valven, Aluminium

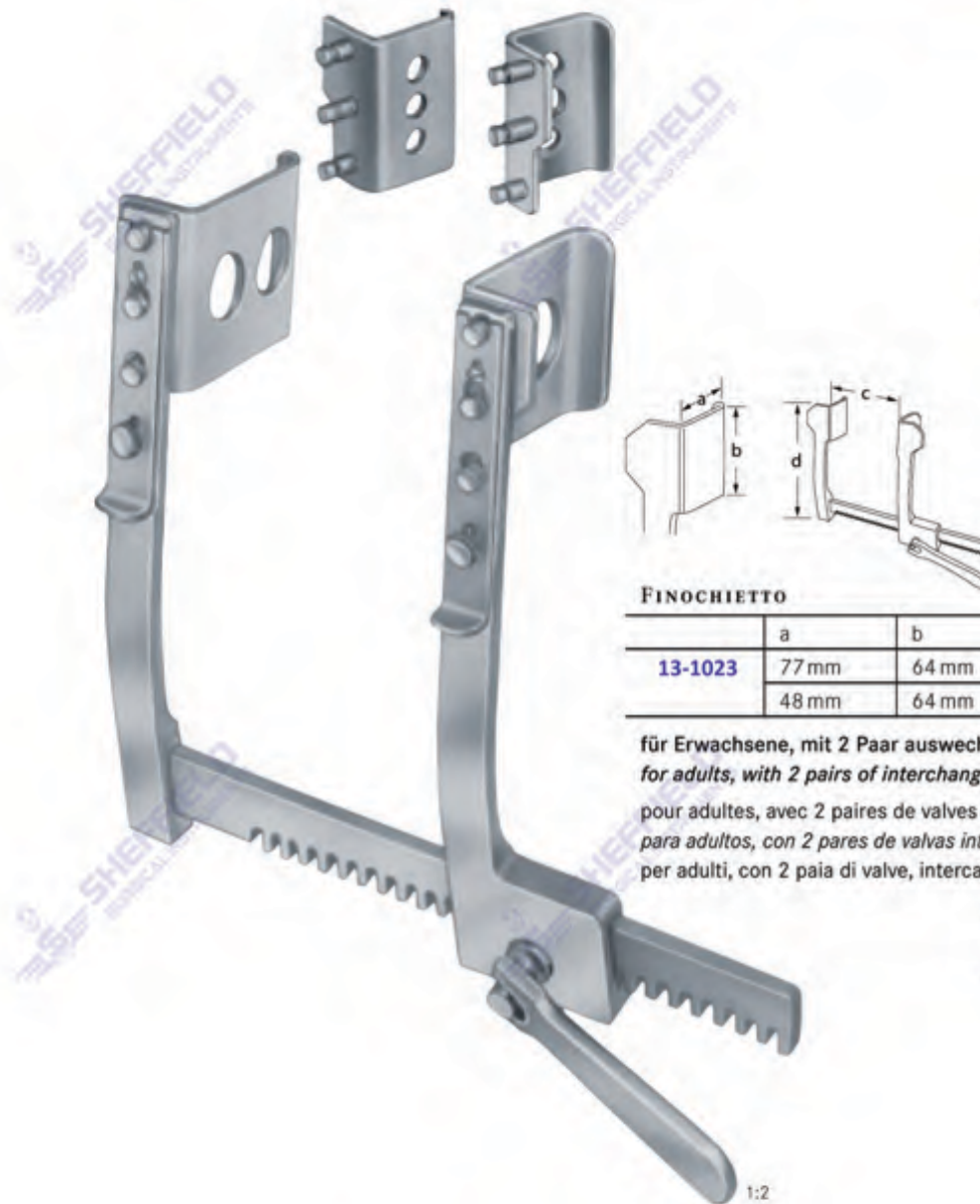
with 2 pairs movable blades, for children, arms curved between blades, aluminium

avec 2 paires de valves mobiles, pour enfants, courbure entre les valves, aluminium

con 2 pares de valvas móviles, para niños, curvado entre las valvas, aluminio

con 2 paia di valve mobili, per bambini, branche curvate, alluminio

RIB RETRACTORS



FINOCHIETTO

	a	b	c	d
13-1023	77 mm	64 mm	260 mm	195 mm
	48 mm	64 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, rostfrei
 for adults, with 2 pairs of interchangeable blades, stainless steel
 pour adultes, avec 2 paires de valves interchangeables, inoxydable
 para adultos, con 2 pares de valvas intercambiables, inoxidable
 per adulti, con 2 paia di valve, intercambiabili, inossidabile

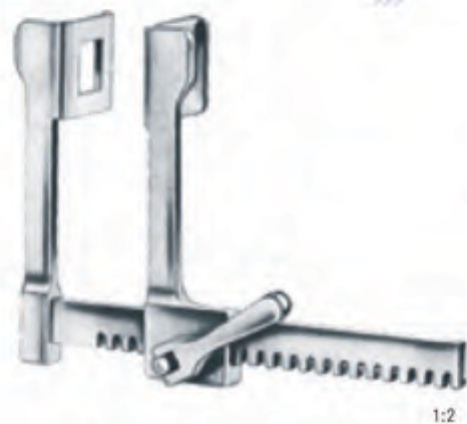


BABY-HAIGHT

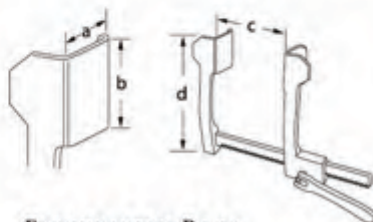
	a	b	c	d
13-1024	28 mm	30 mm	85 mm	70 mm
13-1025	28 mm	30 mm	100 mm	75 mm

rostfrei
 stainless steel
 acier inoxydable
 acero inoxidable
 acciaio inossidabile

RIB RETRACTORS



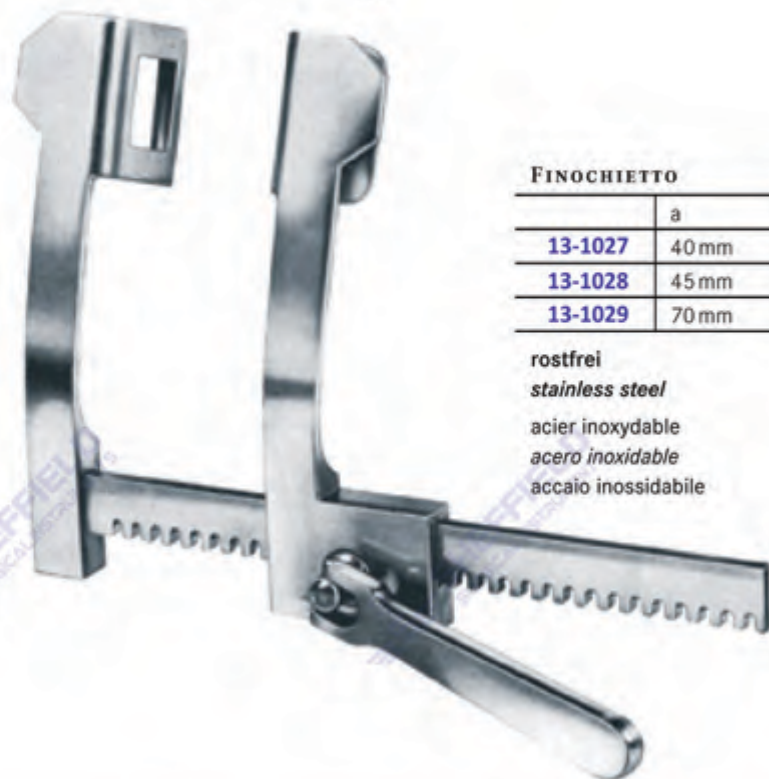
1:2



FINOCHIETTO-BABY

	a	b	c	d
13-1026	14 mm	15 mm	75 mm	55 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile



FINOCHIETTO

	a	b	c	d
13-1027	40 mm	40 mm	165 mm	110 mm
13-1028	45 mm	65 mm	200 mm	140 mm
13-1029	70 mm	65 mm	250 mm	140 mm

rostfrei
stainless steel
acier inoxydable
acero inoxidable
acciaio inossidabile

RIB RETRACTORS


TUFFIER

	a	b	c	d
13-1030	50 mm	45 mm	165 mm	110 mm

rostfrei
 stainless steel
 acier inoxydable
 acero inoxidable
 acciaio inossidabile


FINOCHIETTO-INFANT

	a	b	c	d
13-1031	14 mm	15 mm	55 mm	25 mm

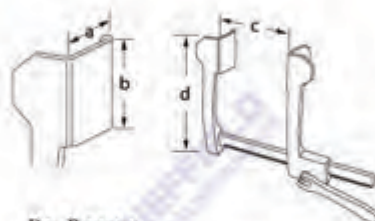
rostfrei
 stainless steel
 acier inoxydable
 acero inoxidable
 acciaio inossidabile


DE BOER (STERNAL)

	a	b	c	d
13-1032	30 mm	100 mm	210 mm	185 mm

rostfrei
 stainless steel
 acier inoxydable
 acero inoxidable
 acciaio inossidabile

RIB RETRACTORS



DE BAKEY

	a	b	c	d
13-1033	90 mm	30 mm	150 mm	180 mm
	40 mm	40 mm		
	50 mm	50 mm		

für Kinder, mit 3 Paar auswechselbaren Valven, rostfrei
for children, with 3 pairs of interchangeable blades, stainless steel
 pour enfants, 3 paires de valves, interchangeables, inoxydable
 para niños, 3 pares de valvas intercambiables, inoxidable
 per bambini, 3 paia di valve intercambiabili, inossidabile



	a	b
13-1034	30 mm	30 mm
13-1035	40 mm	40 mm
13-1036	50 mm	50 mm

Valven-Paar, rostfrei für tk 24817-01

Pair of blades, stainless steel for tk 24817-01

Paire de valves, acier inoxydable pour tk 24817-01

Par de valvas, acero inoxidable para tk 24817-01

Paia di valve, acciaio inossidabile per tk 24817-01

DE BAKEY

	a	b	c	d
13-1037	40 mm	100 mm	200 mm	225 mm
	50 mm	80 mm		
	60 mm	60 mm		

für Erwachsene, mit 3 Paar auswechselbaren Valven, rostfrei
for adults, with 3 pairs of interchangeable blades, stainless steel
 pour adultes, 3 paires de valves, interchangeables, inoxydable
 para adultos, 3 pares de valvas intercambiables, inoxidable
 per adulti, 3 paia di valve intercambiabili, inossidabile

	a	b
13-1038	40 mm	100 mm
13-1039	50 mm	80 mm
13-1040	60 mm	60 mm

Valven-Paar, rostfrei für tk 24817-02

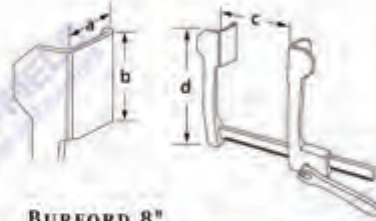
Pair of blades, stainless steel for tk 24817-02

Paire de valves, acier inoxydable pour tk 24817-02

Par de valvas, acero inoxidable para tk 24817-02

Paia di valve, acciaio inossidabile per tk 24817-02

RIB RETRACTORS



BURFORD 8"

	a	b	c	d
13-1041	45 mm	62 mm	165 mm	200 mm
	65 mm	62 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
 pour adultes, avec 2 paires de valves interchangeables, aluminium
 para adultos, con 2 pares de valvas intercambiables, aluminio
 per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD 10"

	a	b	c	d
13-1042	45 mm	62 mm	250 mm	200 mm
	65 mm	62 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
 pour adultes, avec 2 paires de valves interchangeables, aluminium
 para adultos, con 2 pares de valvas intercambiables, aluminio
 per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD 12"

	a	b	c	d
13-1043	45 mm	62 mm	290 mm	200 mm
	62 mm	62 mm		

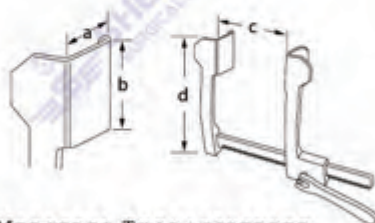
für Erwachsene, mit 2 Paar auswechselbaren Valven, Aluminium
for adults, with 2 pairs of interchangeable blades, aluminium
 pour adultes, avec 2 paires de valves interchangeables, aluminium
 para adultos, con 2 pares de valvas intercambiables, aluminio
 per adulti, con 2 paia di valve intercambiabili, alluminio

BURFORD

	a	b	c	d
13-1044	34 mm	42 mm	135 mm	117 mm
	48 mm	42 mm		

für Kinder, mit 2 Paar auswechselbaren Valven, Aluminium
for children, with 2 pairs of interchangeable blades, aluminium
 pour enfants, avec 2 paires de valves interchangeables, aluminium
 para niños, con 2 pares de valvas intercambiables, aluminio
 per bambini, con 2 paia di valve intercambiabili, alluminio

RIB RETRACTORS



MERCEDES THORAXSPERRER

	a	b	c	d
13-1045	45 mm	68 mm	285 mm	185 mm
	70 mm	75 mm		

für Erwachsene, mit 2 Paar auswechselbaren Valven mit Kugelschnellverschluss, rostfrei
for adults, with 2 pairs of interchangeable blades with ball snap system, stainless steel
 pour adultes, avec 2 paires de valves interchangeables fermeture à boules, inoxydable
para adultos, con 2 pares de valvas intercambiables fijación con bolas, inoxidable
 per adulti, con 2 paia di valve intercambiabili, inossidabile

	a	b
13-1046	45 mm	68 mm
13-1047	70 mm	75 mm

Valven-Paar, rostfrei
Pair of blades, stainless steel
 Paire de valves, acier inoxydable
Par de valvas, acero inoxidable
 Paia di valve, acciaio inossidabile



RIB SHEARS



RIB SHEARS



LEBSCHE

245 mm - 9 $\frac{3}{4}$ "

13-1053



BRUNNER

320 mm - 12 $\frac{1}{2}$ "

13-1054

13-1055

für die rechte Hand
for the right hand
pour la main droite
para la mano derecha
per la mano destra

für die linke Hand
for the left hand
pour la main gauche
para la mano izquierda
per la mano sinistra



SAUERBRUCH-FREY

360 mm - 14 $\frac{1}{4}$ "

13-1056



RIB SHEARS



1:3

SAUERBRUCH

260 mm - 10 $\frac{1}{4}$ " **13-1057**



1:3

GIERTZ-STILLE

270 mm - 10 $\frac{3}{4}$ " **13-1058**



1:3

BETHUNE

340 mm - 13 $\frac{1}{2}$ " **13-1059**

RIB RETRACTORS



I.M.A.

13-1060

komplett
complete
complet
complete
completa

1 x 13-1061

Rahmen
frame
cadre
cuadro
quadro

1 x 13-1062

Doppel-Valve
double blade
valve jumelée
valva doble
valva doppia

1 x 13-1063

Doppel-Valve mit Nut
double blade with groove
valve jumelée avec rainure
valva doble con la ranura
valva doppia con gola

1 x 13-1064

T-Halterung
T-holder
T-support
T-soporte
supporto a T

2 x 13-1065

Universalklemmen
universal clamp
pinze universelle
pinza universal
morsetto universal

2 x 13-1066

Cooley Valve klein
Cooley blade small
Cooley valve petit
Cooley valva pequeña
Cooley valva piccolo

1 x 13-1067

Cooley Valve mittel
Cooley blade medium
Cooley valve moyen
Cooley valva mediana
Cooley valva media

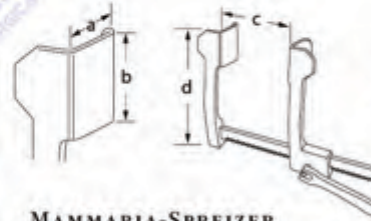
1 x 13-1068

Cooley Valve groß
Cooley blade large
Cooley valve grand
Cooley valva grande
Cooley valva grande

2 x 13-1069

Ribbon Valve biegsam
Ribbon blade malleable
Ribbon valve malleable
Ribbon valva malleable
Ribbon valva flessibile

THORACIC & I.M.A RETRACTORS



MAMMARIA-SPREIZER

	a	b	c	d
13-1070	50 mm	150 mm	134 mm	195 mm

mit abnehmbarer Kippvalve und Stellschraube zum Anheben der Brustwand bei der Mammaria-Dissektion, rostfrei

with detachable tilting IMA-blade and set-screw to lift the sternal margin for the dissection of the IMA, stainless steel

avec valve mobile, démontable, écrou pour soulever le thorax pendant des dissections IMA, inoxydable

con valva móvil y desmontable, rosca para levantar el tórax durante la dissection IMA, inoxidable

con valve smontabili e vite di fissaggio per alzare lo sterno per dissezione IMA, inossidabile

LUNG SPATULA



ALLISON

300 mm - 12"	13-1071
320 mm - 12½"	13-1072



ALLISON

260 mm - 10¼"	13-1073
310 mm - 12¼"	13-1074

RIB CONTRACTORS



BAILEY
160 mm - 6¼" **13-1075**



BAILEY-BABY
140 mm - 5½" **13-1076**



BAILEY-GIBBON
160 mm - 6¼" **13-1077**



SELLORS
190 mm - 7½" **13-1078**



LEMMON
145 mm - 5¾" **13-1079**
180 mm - 7" **13-1080**

14

STOMACH, INTESTINE



TISSUE & INTESTINAL HOLDING FORCEPS



ALLIS-BABY

140 mm - 5½"	14-1001
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Zähne 4x5

Teeth

Dents

Dientes

Denti



ALLIS

150 mm - 6"	14-1002	14-1003
190 mm - 7½"		14-1004
250 mm - 9¾"		14-1005

Zähne 4x5

5x6

Teeth

Dents

Dientes

Denti



ALLIS-ADAIR

155 mm - 6"	14-1006
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Zähne 10x11

Teeth

Dents

Dientes

Denti



THOMS-ALLIS

200 mm - 8"	14-1007
-------------	----------------

6x7



LOCKWOOD

200 mm - 8"	14-1008
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WILLIAMS

160 mm - 6¼"	14-1009
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TISSUE & INTESTINAL HOLDING FORCEPS



LITTLEWOOD

190 mm - 7½"	14-1010
--------------	----------------

Zähne 2x3

Teeth

Dents

Dientes

Denti



BOYS-ALLIS

150 mm - 6"	14-1011
-------------	----------------

Zähne 5x6

Teeth

Dents

Dientes

Denti



JUDD-ALLIS

150 mm - 6"	14-1012
-------------	----------------

190 mm - 7½"	14-1013
--------------	----------------

Zähne 3x4

Teeth

Dents

Dientes

Denti



BABCOCK

160 mm - 6¼"	200 mm - 8"
14-1014	14-1015



BABCOCK

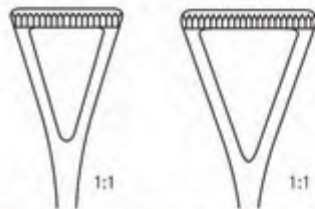
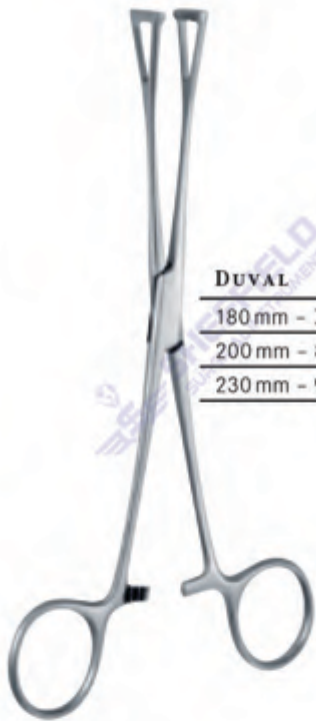
160 mm - 6¼"	14-1016
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180 mm - 7"	14-1017
-------------	----------------

200 mm - 8"	14-1018
-------------	----------------

240 mm - 9½"	14-1019
--------------	----------------

TISSUE & INTESTINAL HOLDING FORCEPS



DUVAL		
180 mm - 7"	14-1020	
200 mm - 8"	14-1021	14-1023
230 mm - 9"	14-1022	14-1024



DUVAL	
200 mm - 8"	14-1025

TISSUE & INTESTINAL HOLDING FORCEPS



**BABCOCK-
ATRAUMA**



1:1



1:1

160 mm - 6 $\frac{1}{4}$ "	200 mm - 8"
14-1026	14-1027



**DUVAL-
ATRAUMA**



1:1



1:1

200 mm - 8"	230 mm - 9"
14-1028	14-1029



**ALLIS-
ATRAUMA**



1:1



1:1



1:1

160 mm - 6 $\frac{1}{4}$ "	200 mm - 8"	250 mm - 9 $\frac{1}{4}$ "
14-1030	14-1031	14-1032

INTESTINAL & STOMACH CLAMPS



KOCHER

	220 mm - 8 3/4"	250 mm - 9 1/4"	280 mm - 11"	220 mm - 8 3/4"	250 mm - 9 1/4"	280 mm - 11"
	14-1033	14-1034	14-1035	14-1036	14-1037	14-1038

INTESTINAL & STOMACH CLAMPS


ALLEN

155 mm - 6"	14-1039
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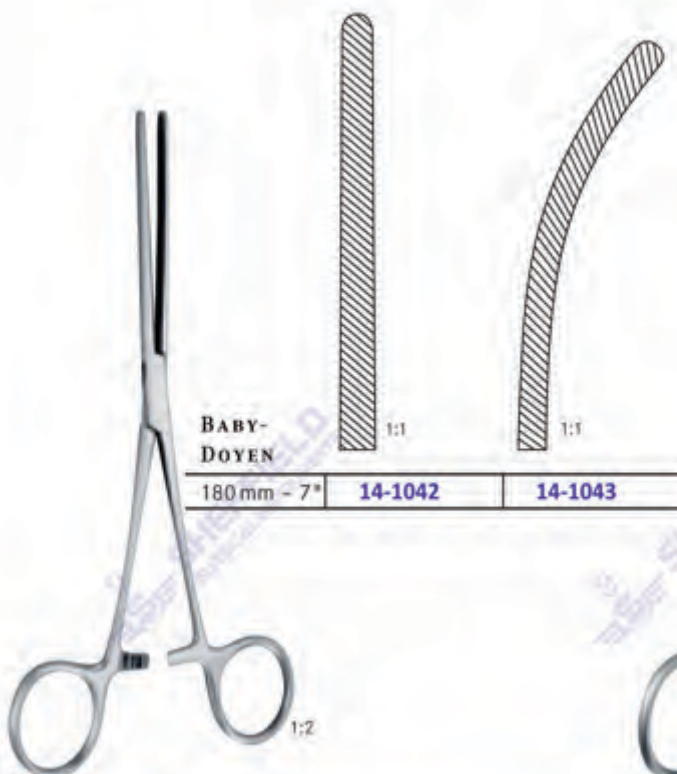
1x2

Darmklemme für Kinder
Intestinal clamp for children
 Pince intestinale pour enfants
 Pinza intestinal para niños
 Pinza intestinale per bambini

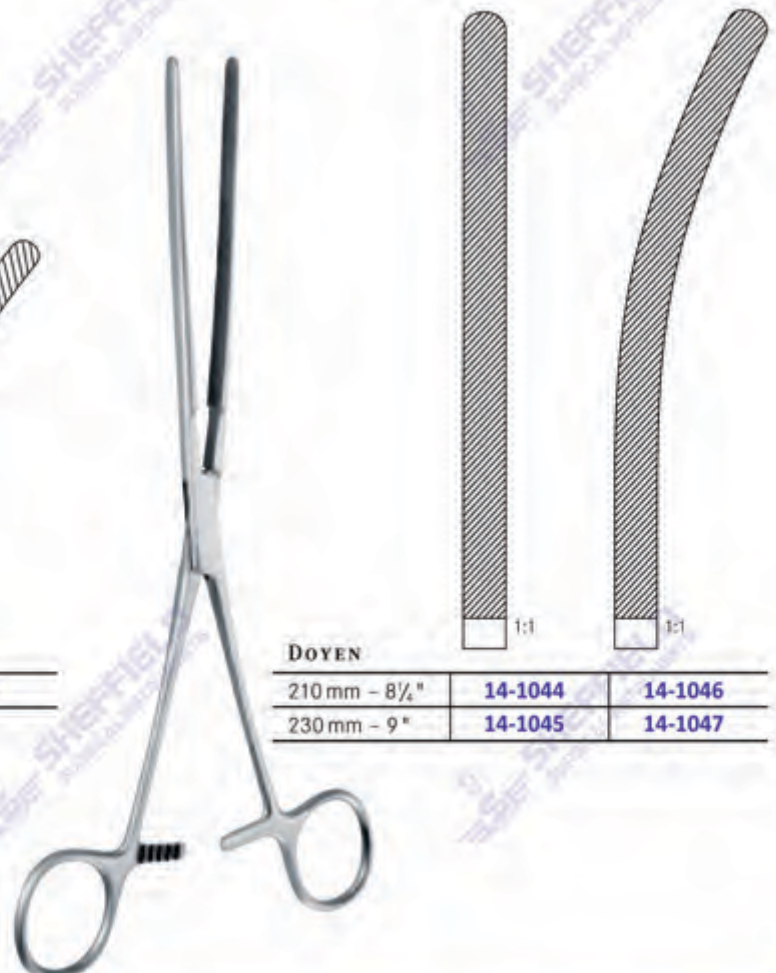

BABY-KOCHER

130 mm - 5"	14-1040	14-1041
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Darmklemme für Kinder, sehr elastisch
Intestinal clamp for children, very elastic blades
 Pince intestinale pour enfants, très élastique
 Pinza intestinal para niños, muy elastica
 Pinza intestinale per bambini, molto elastica

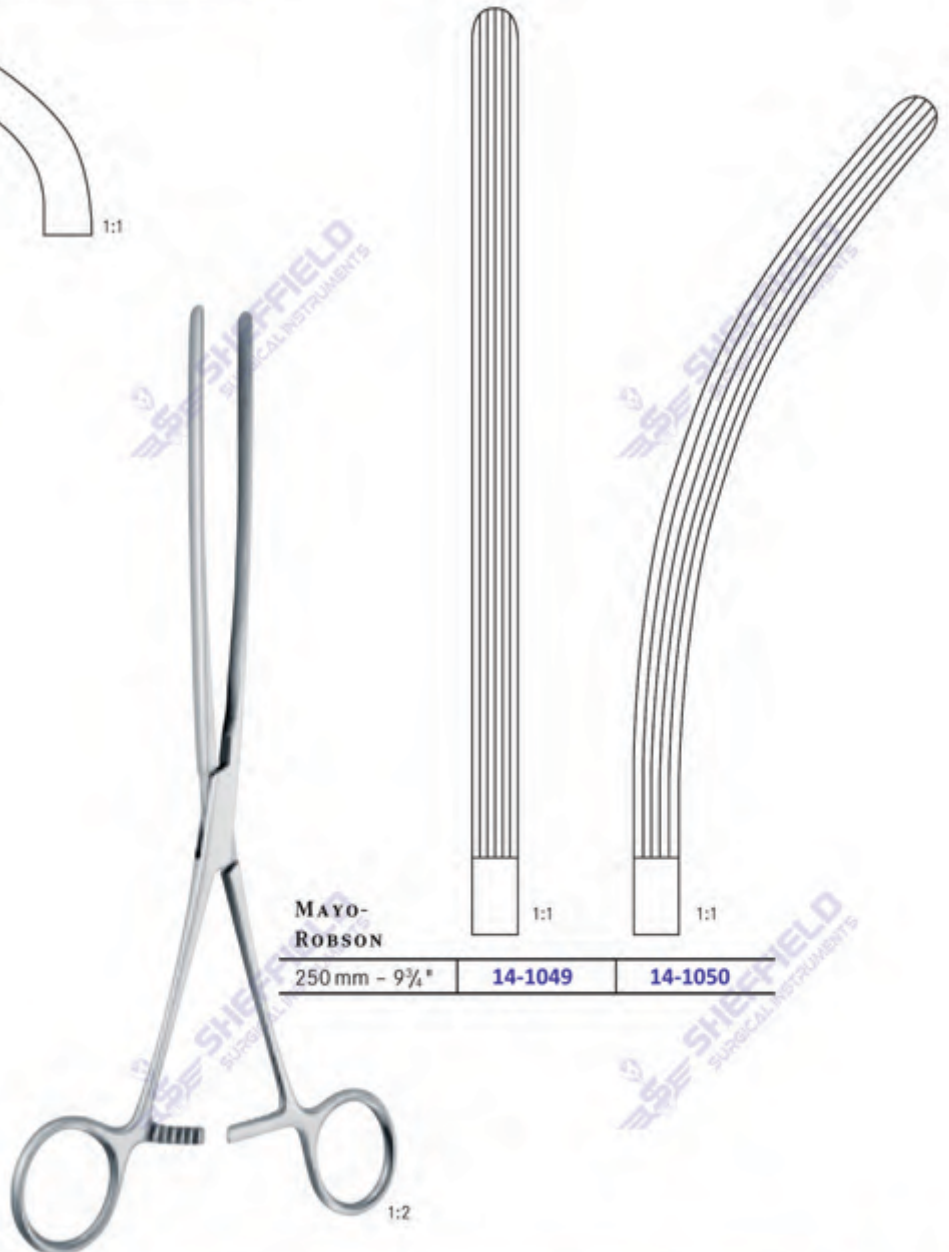
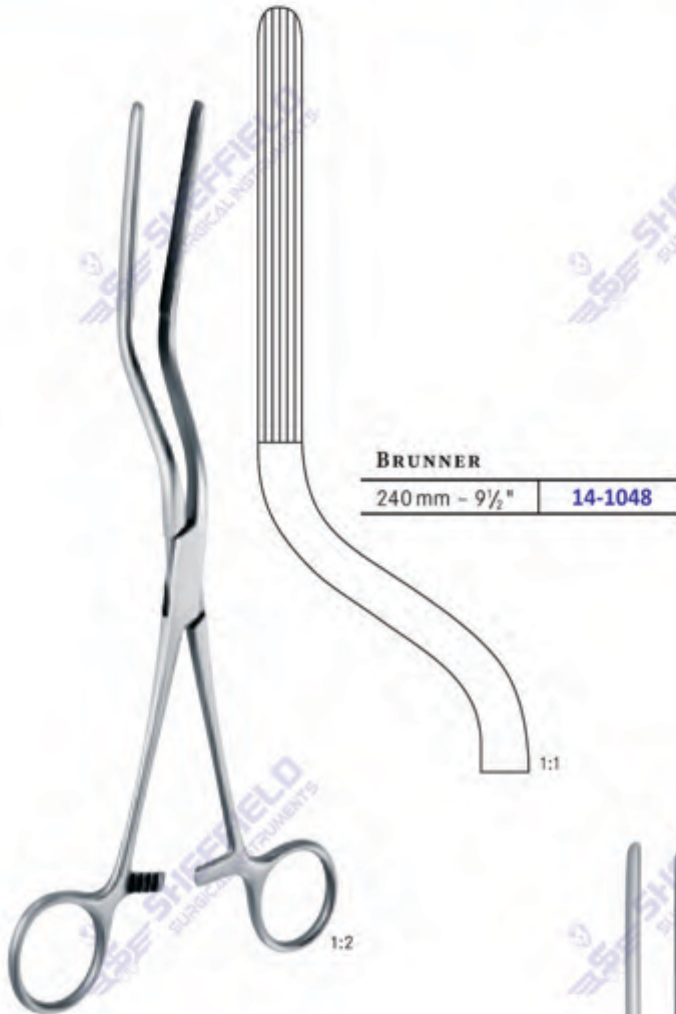

BABY-DOYEN

180 mm - 7"	14-1042	14-1043
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DOYEN

210 mm - 8 1/2"	14-1044	14-1046
230 mm - 9"	14-1045	14-1047

INTESTINAL & STOMACH CLAMPS







INTESTINAL & STOMACH CLAMPS








ATRAUMATIC INTESTINAL CLAMPS FORCEPS



DOYEN				
				
140mm - 5½"	160mm - 6¼"	180mm - 7"	210mm - 8¼"	230mm - 9"
14-1053	14-1054	14-1055	14-1056	14-1057



DOYEN				
				
140mm - 5½"	160mm - 6¼"	180mm - 7"	210mm - 8¼"	230mm - 9"
14-1058	14-1059	14-1060	14-1061	14-1062

ATRAUMATIC INTESTINAL CLAMPS FORCEPS



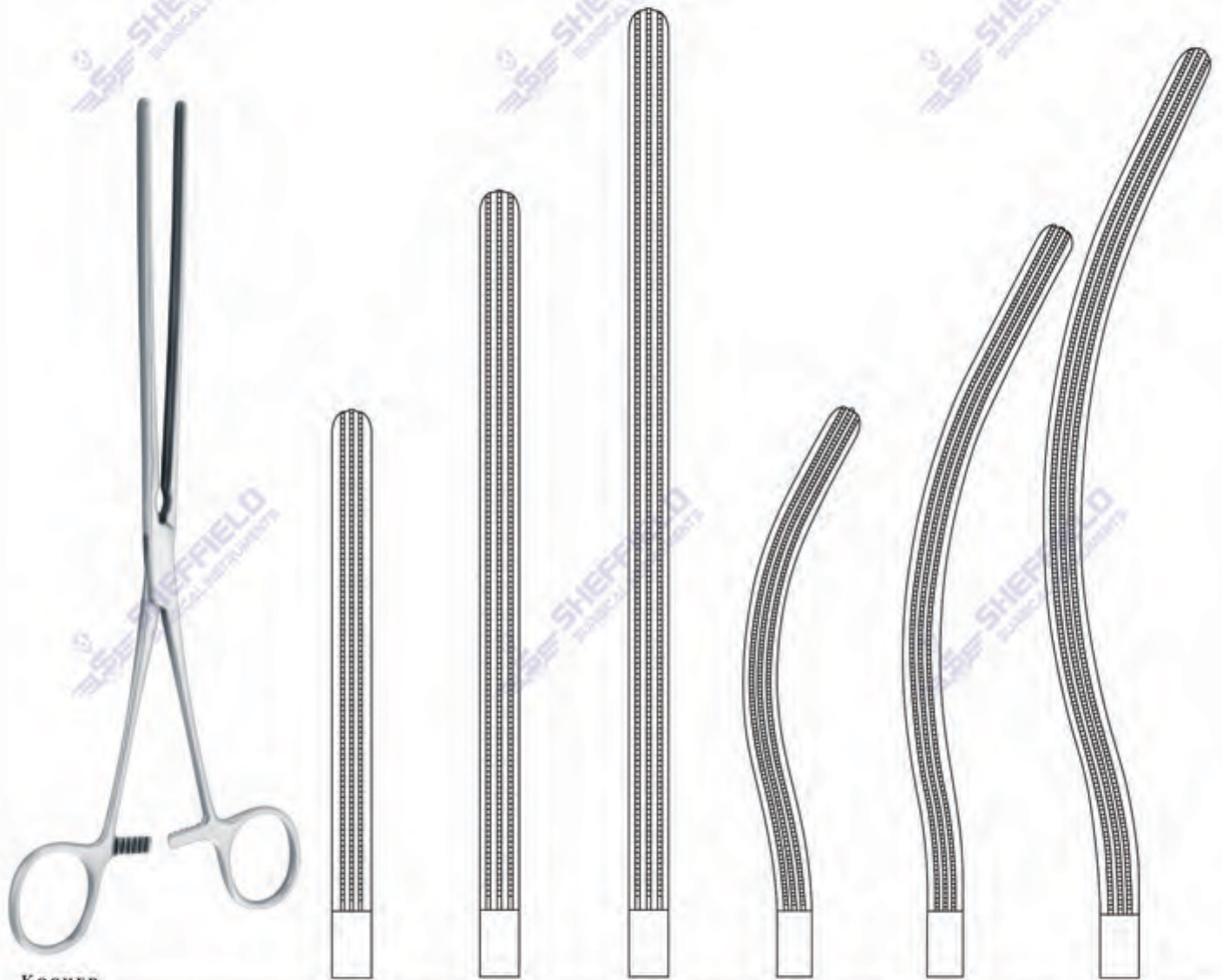
MAYO-ROBSON

250 mm - 9 $\frac{3}{4}$ "

14-1063

14-1064

ATRAUMATIC INTESTINAL CLAMPS FORCEPS



KOCHER

	220 mm - 8 3/4"	250 mm - 9 1/4"	280 mm - 11"	220 mm - 8 3/4"	250 mm - 9 1/4"	280 mm - 11"
	14-1065	14-1066	14-1067	14-1068	14-1069	14-1070

ATRAUMATIC INTESTINAL CLAMPS FORCEPS

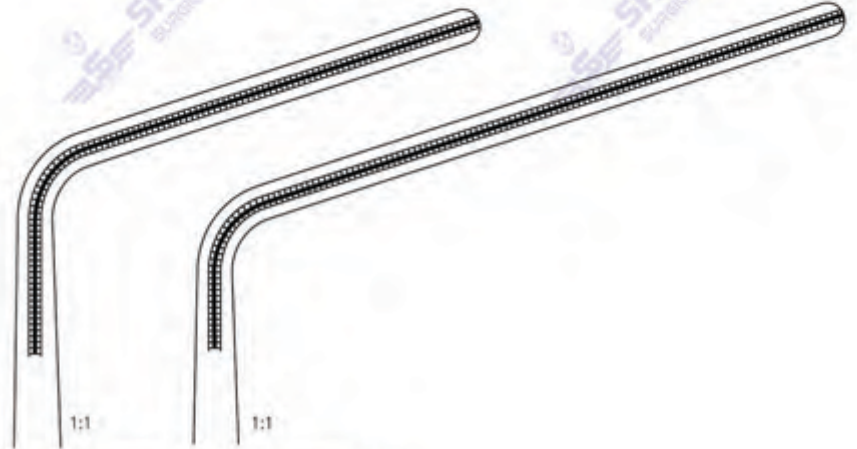


SIGMOID ANASTOMOSIS FORCEPS



HAYES

260 mm - 10 1/4"	280 mm - 11"
14-1072	14-1073



FEHLAND

240 mm - 9 1/2"
14-1074



SIGMOID ANASTOMOSIS FORCEPS



ATRAUMATIC ORGAN GRASPING FORCEPS



250 mm - 9 3/4" **14-1076**

Organfasszange mittel, 250 mm
Organ grasping forceps medium, 250 mm
 Pince medium pour saisir des organes, 250 mm
Pinza mediano para sacar órganos, 250 mm
 Pinza per afferrare organi, 250 mm



260 mm - 10 1/4" **14-1077**

Organfasszange gross, 260 mm
Organ grasping forceps large, 260 mm
 Pince grande pour saisir des organes, 260 mm
Pinza grande para sacar órganos, 260 mm
 Pinza per afferrare organi, 260 mm



SCHEIBE

180 mm - 7"	200 mm - 8"	230 mm - 9"
14-1078	14-1079	14-1080

schmal <i>narrow</i>	mittel <i>medium</i>	breit <i>wide</i>
étroit <i>estrecho</i> <i>stretto</i>	moyen <i>mediano</i> <i>medio</i>	large <i>ancho</i> <i>largo</i>

INTESTINAL & PYLORUS CLAMPS



PAYR-BABY

150 mm - 6"	14-1081
-------------	----------------

mit Stift
 with pin
 avec cheville
 con pivote
 con perno



1:1



PAYR

210 mm - 8 $\frac{1}{4}$ "	290 mm - 11 $\frac{1}{2}$ "
14-1082	14-1083

mit Stift
 with pin
 avec cheville
 con pivote
 con perno



1:1



1:1

INTESTINAL & ANASTOMOSIS CLAMP FORCEPS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:2

85 mm - 3 1/4"	14-1084
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1:2

DE MARTEL- WOLFSON	
230 mm - 9"	14-1085



1:2

DE MARTEL- WOLFSON	
260 mm - 10 1/4"	14-1086

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

INTESTINAL & ANASTOMOSIS CLAMP FORCEPS



**DE MARTEL-
WOLFSON**

50 mm - 2"	70 mm - 2¾"	100 mm - 4"
14-1087	14-1088	14-1089

Satz mit 3 Klemmen

Set of 3 clamps

Jeu de 3 clamps

Juego de 3 pinzas

Serie di 3 pezzi



RECTAL SPATULA



SIMS

	x = 80 mm x 15 mm	x = 80 mm x 15 mm
150 mm - 6"	14-1090	14-1091

gefenstert
fenestrated
fenêtré
fenestrado
finestrato



MATHIEU

	x = 90 mm
195 mm - 7¾"	14-1092

RECTAL SPATULA



PRATT

1:2

	x = 80 mm x 25 mm
205 mm - 8"	14-1093



CZERNY

1:2

	x = 110 mm x 25 mm
220 mm - 8 3/4"	14-1094

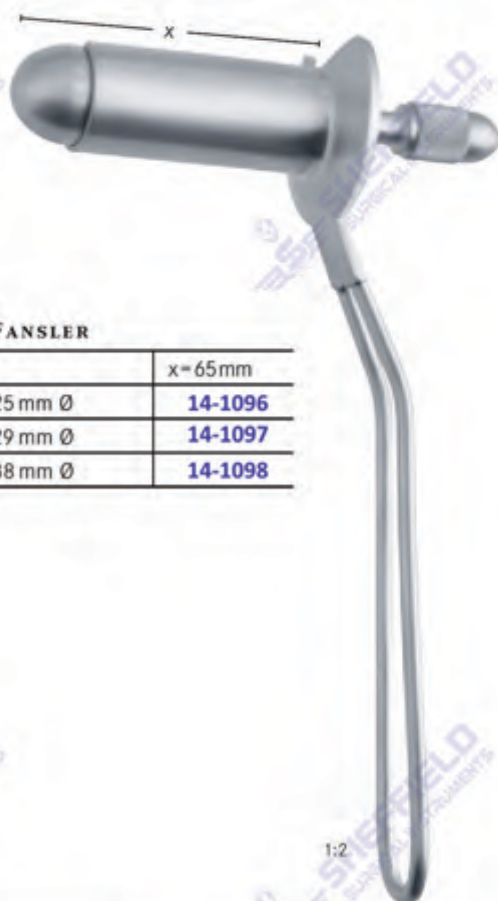
ANUSCOPES, PROCTOSCOPES, RECTOSCOPES, SPHINCTROSCOPES



IVES-FANSLER

	x=90mm
22 mm Ø	14-1095

1:2



FANSLER

	x=65mm
25 mm Ø	14-1096
29 mm Ø	14-1097
38 mm Ø	14-1098

1:2



BENSAUDE

	185 mm - 7 1/4"
	x = 55 mm
20 mm Ø	14-1099
23 mm Ø	14-1100



KELLY

	x = 50 mm
21 mm Ø	14-1101
27 mm Ø	14-1102



ANUSCOPES, PROCTOSCOPES, RECTOSCOPES, SPHINCTROSCOPES



KELLY

22 x 50 mm	14-1103
22 x 100 mm	14-1104
22 x 140 mm	14-1105
22 x 200 mm	14-1106

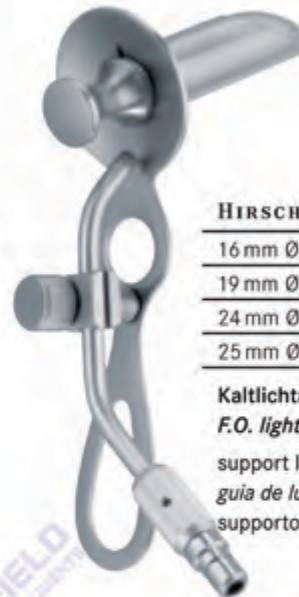
1:2



HIRSCHMANN

16 mm Ø	x = 65 mm	14-1107
19 mm Ø	x = 65 mm	14-1108
22 mm Ø	x = 65 mm	14-1109

1:2



HIRSCHMANN

16 mm Ø	14-1110
19 mm Ø	14-1111
24 mm Ø	14-1112
25 mm Ø	14-1113

Kaltlichtaufsatz, Wolf
F.O. light carrier, Wolf

support lumière froide, Wolf
guia de luz fria, Wolf
supporto per luce fredda, Wolf

14-1114

Kaltlichtadapter, TEKNO/Storz Anschluss
Cold light, TEKNO/Storz connector

Adaptateur lum. froide, connection TEKNO/Storz
Adaptator luz fria, conexión TEKNO/Storz
Adattatore luce fredda, attacco TEKNO/Storz

RECTAL SPATULA



ALAN PARKS

140 mm - 5½"	14-1115
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komplett mit 2 Paar Valven und 1 Mittelvalve, mit Kaltlichtanschluss TEKNO/Wolf
complete with 2 pair of blades and 1 center blade, with cold light connector TEKNO/Wolf
 complet avec 2 paires des valves et 1 valve centrale, avec raccord de lum. froide TEKNO/Wolf
completo con 2 juegos de valvas y 1 valva central, con connector de luz fria TEKNO/Wolf
 completo con 2 paia di valve e 1 valva centrale, con attacco di luce fredda TEKNO/Wolf

14-1116

Kaltlicht-Aufsatz
F.O. light carrier
 Support lumière froide
Soporte de luz fria
 Supporto per luce fredda



SMITH-BUIE

	x = 75 mm x 23 mm
150 mm - 6"	14-1117

Max. Spreizweite 115 mm
Max. spread 115 mm
 Écartement maximal 115 mm
Apertura máxima 115 mm
 Apertura massima 115 mm

1:2

RECTAL SPATULA



ALAN PARKS

140 mm - 5½"	14-1118
--------------	----------------

komplett mit 2 Paar Valven und 1 Mittelvalve
complete with 2 pair of blades and 1 center blade
 complet avec 2 paires des valves et 1 valve centrale
completo con 2 juegos de valvas y 1 valva central
 completo con 2 paia di valve e 1 valva centrale

22 mm x 75 mm	14-1119
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Seitenvalven alleine (Paar)
Lateral blades only (pair)
 Valves latérales seules (paire)
Valvas laterales solas (par)
 Valve laterali solo (paio)

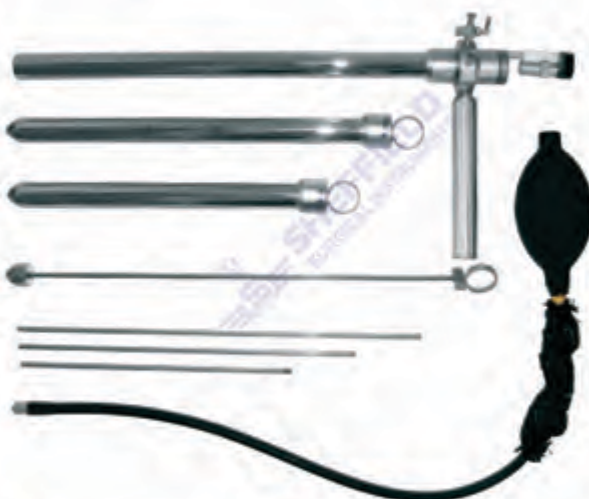
22 mm x 95 mm	14-1120
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Seitenvalven alleine (Paar)
Lateral blades only (pair)
 Valves latérales seules (paire)
Valvas laterales solas (par)
 Valve laterali solo (paio)

25 mm x 95 mm	14-1121
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Mittelvalve alleine
Central blade only
 Valve centrale seule
Valva central sola
 Valva centrale solo

RECTOSCOPE



STRAUSS

14-1122

Kaltlicht-Rektoskop, komplett:

F/O Rektoskopkopf mit Zweiwegehahn, Verschlussdeckel, Teleskop und Griff,
je 1 Rektoskoptubus in 200 mm, 250 mm und 300 mm mit 20 mm Ø,
mit Obturator und F/O Lichtträger Wolf-Anschluss, Doppelgebläse mit Kaltlichteinrichtung

Cold-light rectoscope, complete:

*F/O Rectoscope-head with two-way stop cock, lens cover and telescope handle,
3 rectoscope-tubes 20 mm Ø 200 mm, 250 mm and 300 mm
with obturator and F/O light-carrier Wolf, with double blower, with cold light connection*

Rectoscope à lumière froide, complet:

F/O tête de rectoscope avec robinet, protecteur de lentille, optique et manche,
3 tubes de rectoscope 20 mm Ø, 200 mm, 250 mm et 300 mm de longueur,
avec mandrin et porte-lumière Wolf (F/O), souffleur et connecteur de lumière froide.

Rectoscopio de luz fría, completo:

*F/O cabeza de rectoscopio, con robinete protector de lentes, optica y mango,
3 tubos de rectoscopia de 20 mm, Ø 200 mm, 250 mm y 300 mm de longitud,
con obturador y connector de luz fría Wolf y soplador.*

Luce fredda-Rettoscopio, completo

Testa di rettoscopio con fibre ottiche, con rubinetto a due vie, copri-lente e impugnatura per ottica,
3 tubi per rettoscopio 20 mm Ø, 200 mm, 250 mm e 300 mm
con otturatore e cavo luce, insufflatore a doppia palla e connettore per cavo luce, allacciamento Wolf.

RECTAL BIOPSY FORCEPS



YEOMAN

x = 230 mm - 9"	14-1124	14-1127
x = 330 mm - 13"	14-1125	14-1128
x = 400 mm - 16"	14-1126	14-1129

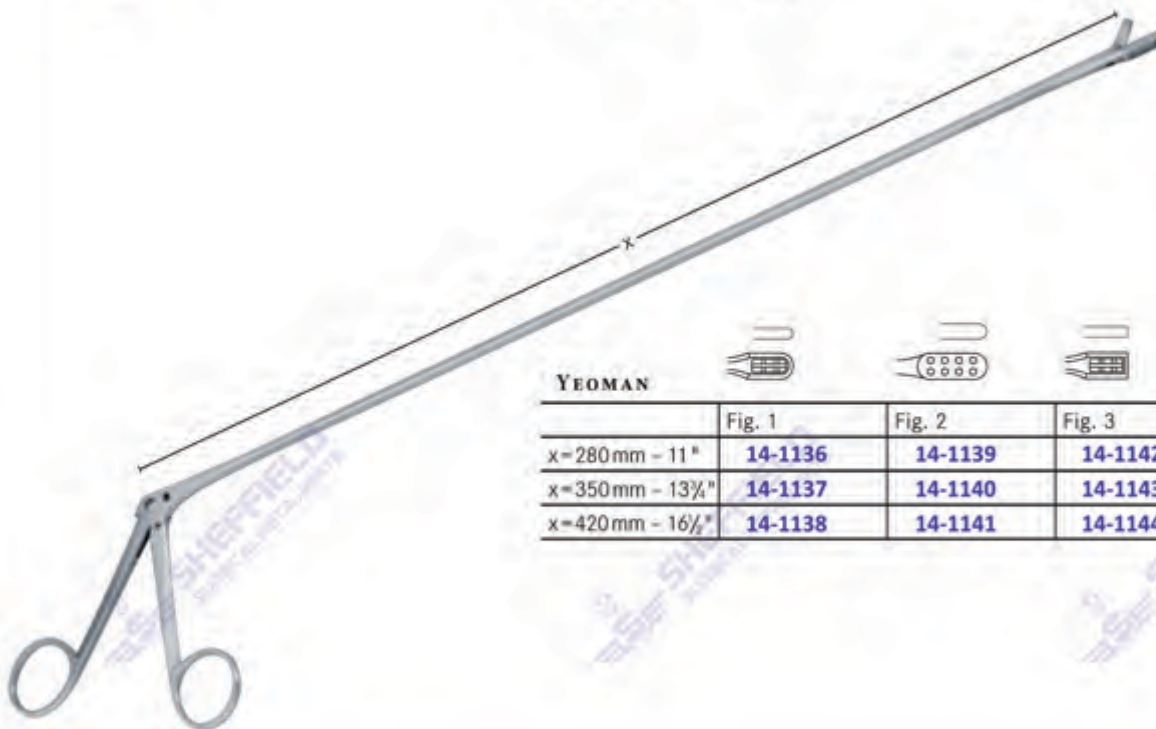
360° drehbar gezahnt
 360° turnable saw edge
 rotative à 360° dentelé
 rotativo de 360° dentada
 rotativa di 360° dentata







TURREL

x = 230 mm - 9"	14-1130	14-1133
x = 330 mm - 13"	14-1131	14-1134
x = 400 mm - 16"	14-1132	14-1135

360° drehbar gezahnt
 360° turnable saw edge
 rotative à 360° dentelé
 rotativo de 360° dentada
 rotativa di 360° dentata



YEOMAN

	 Fig. 1	 Fig. 2	 Fig. 3	 Fig. 4
x = 280 mm - 11"	14-1136	14-1139	14-1142	14-1145
x = 350 mm - 13 7/8"	14-1137	14-1140	14-1143	14-1146
x = 420 mm - 16 1/2"	14-1138	14-1141	14-1144	14-1147

FLEXIBLE FORCEPS



	1.8 mm Ø	2.2 mm Ø	2.6 mm Ø	3.4 mm Ø
1200 mm - 47¼°	14-1148	14-1152		
1600 mm - 63°	14-1149	14-1153	14-1156	14-1158
1800 mm - 70¾°	14-1150	14-1154		
2300 mm - 90½°	14-1151	14-1155	14-1157	14-1159



	1.8 mm Ø	2.2 mm Ø	2.6 mm Ø	3.4 mm Ø
1200 mm - 47¼°	14-1160	14-1164		
1600 mm - 63°	14-1161	14-1165	14-1168	14-1170
1800 mm - 70¾°	14-1162	14-1166		
2300 mm - 90½°	14-1163	14-1167	14-1169	14-1171



	1.8 mm Ø	2.2 mm Ø	3.4 mm Ø
1200 mm - 47¼°	14-1172	14-1176	
1600 mm - 63°	14-1173	14-1177	14-1180
1800 mm - 70¾°	14-1174	14-1178	
2300 mm - 90½°	14-1175	14-1179	14-1181



	1.8 mm Ø	2.2 mm Ø	3.4 mm Ø
1200 mm - 47¼°	14-1182	14-1186	
1600 mm - 63°	14-1183	14-1187	14-1190
1800 mm - 70¾°	14-1184	14-1188	
2300 mm - 90½°	14-1185	14-1189	14-1191

FLEXIBLE FORCEPS



	1.8 mm Ø	2.2 mm Ø
1600 mm - 63°	14-1192	14-1194
2300 mm - 90½°	14-1193	14-1195



	1.8 mm Ø	2.2 mm Ø
1600 mm - 63°	14-1197	14-1199
2300 mm - 90½°	14-1198	14-1200



	1.8 mm Ø	2.2 mm Ø
1600 mm - 63°	14-1201	14-1203
2300 mm - 90½°	14-1202	14-1204



	1.8 mm Ø	2.2 mm Ø
1600 mm - 63°	14-1205	14-1207
2300 mm - 90½°	14-1206	14-1208



	1.8 mm Ø	2.2 mm Ø
1600 mm - 63°	14-1209	14-1211
2300 mm - 90½°	14-1210	14-1212

HAEMORRHOIDAL FORCEPS



LUER

245 mm - 9 3/4"

14-1213

1:2



1:2



1:2

MC GIVNEY

190 mm - 7 1/2"

14-1214

14-1215

1x gebogen
single curved
courbé simple
curvado simple
curvatura singola

2x gebogen
double curved
courbé double
curvado doble
curvatura doppia

POLYPUS GRASPING FORCEPS



HEYWOOD-SMITH

200 mm - 8"

14-1216



HEYWOOD-SMITH

210 mm - 8 1/4"

14-1217



HAEMORRHOIDAL LIGATORS



LURZ

x = 8 mm Ø	14-1218
x = 10 mm Ø	14-1219

komplett
complete
complét
completa
completa



1:3



MC GIVNEY

x = 10 mm Ø	14-1220
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komplett
complete
complét
completa
completa



1:3

14-1221

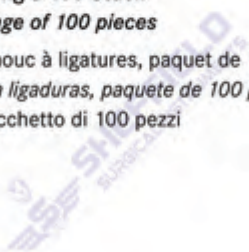
Gummiringe, Packung à 100 Stück

Rubber rings, package of 100 pieces

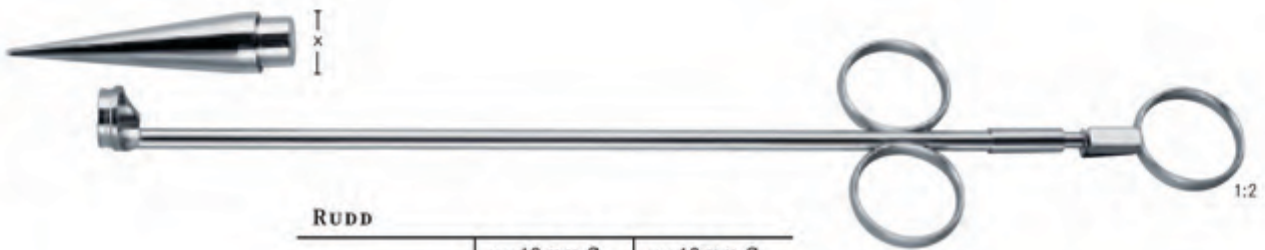
Anneaux de caoutchouc à ligatures, paquet de 100 pièces

Anillos de goma para ligaduras, paquete de 100 piezas

Anelli di gomma, pacchetto di 100 pezzi



HAEMORRHOIDAL LIGATORS



RUDD

	x = 12 mm Ø	x = 12 mm Ø
315 mm - 12½"	14-1222	14-1223

komplett	Ladekegel allein
complete	Cone piece only
complét	Cône seule
completa	Cono solo
completa	Cono solo

14-1224

Gummiringe, Packung à 100 Stück
 Rubber rings, package of 100 pieces

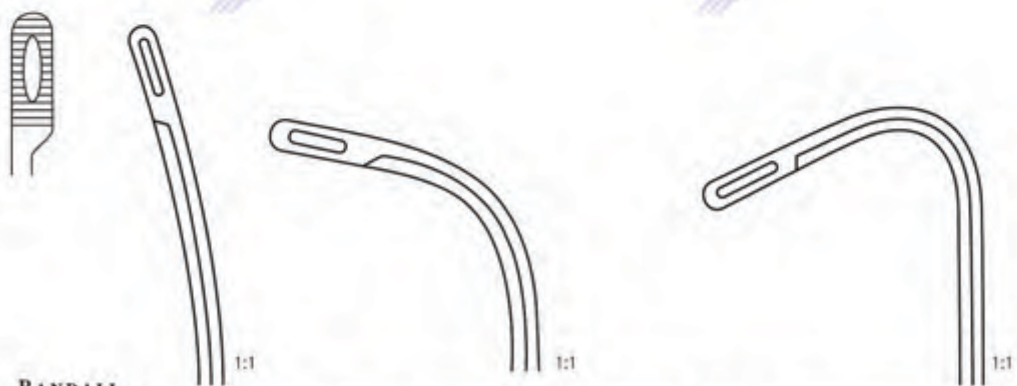
Anneaux de caoutchouc à ligatures, paquet de 100 pièces
 Anillos de goma para ligaduras, paquete de 100 piezas
 Anelli di gomma, pacchetto di 100 pezzi

15

UROLOGY



KIDNEY STONE FORCEPS



RANDALL

Fig. 1	Fig. 2	Fig. 3
230 mm - 9"	220 mm - 8 3/4"	190 mm - 7 1/2"
15-1001	15-1002	15-1003



Fig. 4	Fig. 5	Fig. 6
190 mm - 7 1/2"	190 mm - 7 1/2"	190 mm - 7 1/2"
15-1004	15-1005	15-1006

GALL STONE INSTRUMENTS



1:3


BAKES

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6	Fig. 7
300 mm - 12"	15-1007	15-1008	15-1009	15-1010	15-1011	15-1012	15-1013

biegsam
malleable
 malléable
maleable
 flessibile

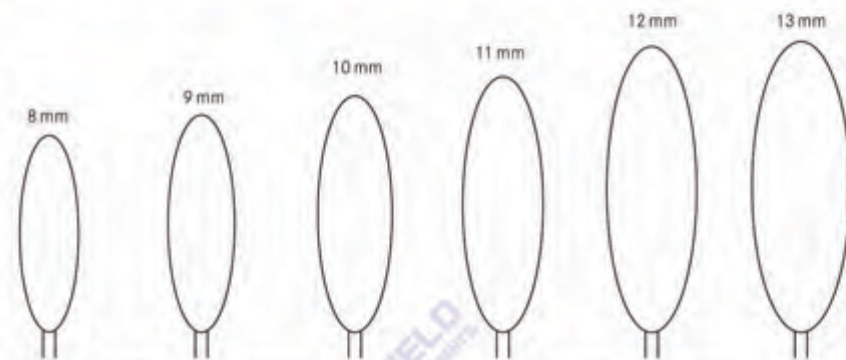


	Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12	Fig. 13
300 mm - 12"	15-1014	15-1015	15-1016	15-1017	15-1018	15-1019

biegsam
malleable
 malléable
maleable
 flessibile



1:3


DESIARDINS

	Fig. 1	Fig. 2	Fig. 3
280 mm - 11"	15-1020	15-1021	15-1022

federnd
elastic
 élastique
elastica
 elastico

GALL STONE INSTRUMENTS



1:3



DESJARDINS

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
300 mm - 12"	15-1023	15-1024	15-1025	15-1026

federn
elastic
élastique
elastica
elastico



1:3



MOYNIHAN

	x = 5 mm
340 mm - 13½"	15-1027

biegsam
malleable
malléable
malleable
flessibile

GALL STONE SCOOPS



LUER-KOERTE

	Fig. 000	Fig. 00	Fig. 0	Fig. 1
320 mm - 12½"	15-1028	15-1029	15-1030	15-1031

biegsam, stumpf
malleable, blunt
 malléable, mousse
malleable, roma
 flessibile, smussa



	Fig. 2	Fig. 3	Fig. 4	Fig. 5
320 mm - 12½"	15-1032	15-1033	15-1034	15-1035

biegsam, stumpf
malleable, blunt
 malléable, mousse
malleable, roma
 flessibile, smussa



MAYO

280 mm - 11"	15-1036
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1:2



FERGUSSON

215 mm - 8½"	220 mm - 8¾"	235 mm - 9¼"
15-1037	15-1038	15-1039



GALL STONE INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:2

BLAKE

200 mm - 8"	15-1040	15-1041
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1:1



1:1

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



1:2

DESIARDINS

230 mm - 9"	15-1042	15-1043
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1:1



1:1

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

GALL STONE INSTRUMENTS



CZERNY

245 mm - 9 $\frac{3}{4}$ "

15-1044



1:2



**TURNER-
WARWICK**

180 mm - 7"

15-1045

190 mm - 7 $\frac{1}{2}$ "

15-1046

1:1

1:1

PROSTATIC RETRACTORS



YOUNG

15-1047	210 mm - 8 1/4"
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1:2



YOUNG

15-1048	220 mm - 8 3/4"
----------------	-----------------

1:2



YOUNG

15-1049	210 mm - 8 1/4"
----------------	-----------------

1:2



YOUNG

15-1050	220 mm - 8 3/4"
----------------	-----------------

1:2

PROSTATECTOMY INSTRUMENTS



MILLIN

230 mm - 9"

15-1051

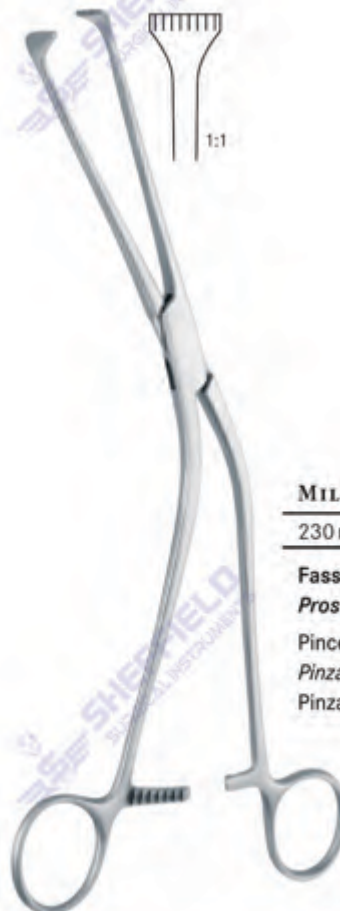
Kapselasszange zur retropubischen Prostatektomie

Capsule forceps for retropubic prostatectomy

Pince pour saisir les capsules pour la prostatectomie rétropubique

Pinza capsular para le prostatectomia retropubica

Pinza a capsula per prostatectomia retropubica



MILLIN

230 mm - 9"

15-1052

Fasszange für die vorderen Lappen

Prostatic lobe holding forceps

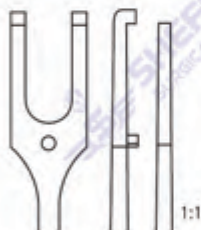
Pince pour saisir les lambeaux

Pinza para coger los lóbulos anteriores

Pinza da presa per lobo prostatico

1:2

PROSTATECTOMY INSTRUMENTS



MILLIN
240 mm - 9½" | **15-1053**

Fadenführungszange
Ligatur carrying forceps
Pince porte-fil
Pinza porta-ligaduras
Pinza per fili di sutura



YOUNG
205 mm - 8" | **15-1054**

Prostata-Fasszange
Prostate holding forceps
Pince pour saisir la prostate
Pinza para coger la próstata
Pinza da presa per lobo prostatico



BLADDER RETRACTORS



THOMSON-WALKER

15-1055

komplett mit 2 Paar Seitenvalven, 1 Mittelvalve
complete with 2 pairs of lateral blades, 1 central blade
 complet, avec 2 paires de valves latérales, 1 valve centrale
completo con 2 paia di valvas laterales, 1 valva central
 completo, con 2 paia di valve laterali, 1 valva centrale



MILLIN

		57 mm x 25 mm	80 mm x 25 mm	120 mm x 45 mm
15-1056	15-1057	15-1058	15-1059	15-1060
komplett	Sperrer, allein	2 Blätter	2 Blätter	1 Mittelblatt
complete	Spreader, only	2 Blades	2 Blades	1 Center blade
complet	Retracteur, seul	2 Valves	2 Valves	1 Valve centrale
completa	Retracteur, solo	2 Valvas	2 Valvas	1 Valva central
completa	Divaricatore, solo	2 Valve	2 Valve	1 Valva centrale

15-1061

komplett mit Kaltlichtaufsatz
complete with cold light carrier
 complet avec guide de lumière froide
completa con guida di luz fria
 completa con portaluca fredda

15-1062

Kaltlichtaufsatz
Cold light carrier

Guide de lumière froide
Guia de luz fria
 Porta luce fredda, solo

BLADDER RETRACTORS



LEGUEU
15-1063

1:3



JUDD-MASSON
15-1064

1:3



LEGUEU

x = 35 mm

270 mm - 10 3/4"

15-1065

1:3



KOCHER

x = 67 mm

260 mm - 10 1/4"

15-1066

1:3



MILLIN

285 mm - 11 1/4"

15-1067

1:3

DILATING BOUGIES

DITTEL

		220mm-8 1/2"
2 1/2 mm Ø	8 Charr./Fr.	15-1068
3 mm Ø	9 Charr./Fr.	15-1069
3 1/2 mm Ø	10 Charr./Fr.	15-1070
3 3/2 mm Ø	11 Charr./Fr.	15-1071
4 mm Ø	12 Charr./Fr.	15-1072
4 1/2 mm Ø	13 Charr./Fr.	15-1073
4 3/2 mm Ø	14 Charr./Fr.	15-1074
5 mm Ø	15 Charr./Fr.	15-1075
5 1/2 mm Ø	16 Charr./Fr.	15-1076
5 3/2 mm Ø	17 Charr./Fr.	15-1077
6 mm Ø	18 Charr./Fr.	15-1078
6 1/2 mm Ø	19 Charr./Fr.	15-1079
6 3/2 mm Ø	20 Charr./Fr.	15-1080
7 mm Ø	21 Charr./Fr.	15-1081
7 1/2 mm Ø	22 Charr./Fr.	15-1082
7 3/2 mm Ø	23 Charr./Fr.	15-1083
8 mm Ø	24 Charr./Fr.	15-1084
8 1/2 mm Ø	25 Charr./Fr.	15-1085
8 3/2 mm Ø	26 Charr./Fr.	15-1086
9 mm Ø	27 Charr./Fr.	15-1087
9 1/2 mm Ø	28 Charr./Fr.	15-1088
9 3/2 mm Ø	29 Charr./Fr.	15-1089
10 mm Ø	30 Charr./Fr.	15-1090
10 1/2 mm Ø	32 Charr./Fr.	15-1091
11 mm Ø	33 Charr./Fr.	15-1092
11 1/2 mm Ø	34 Charr./Fr.	15-1093
12 mm Ø	36 Charr./Fr.	15-1094

1:2

gerade
 straight
 droit
 recta
 rette

DITTEL

		350mm-13 1/2"
2 1/2 mm Ø	8 Charr./Fr.	15-1095
3 mm Ø	9 Charr./Fr.	15-1096
3 1/2 mm Ø	10 Charr./Fr.	15-1097
3 3/2 mm Ø	11 Charr./Fr.	15-1098
4 mm Ø	12 Charr./Fr.	15-1099
4 1/2 mm Ø	13 Charr./Fr.	15-1100
4 3/2 mm Ø	14 Charr./Fr.	15-1101
5 mm Ø	15 Charr./Fr.	15-1102
5 1/2 mm Ø	16 Charr./Fr.	15-1103
5 3/2 mm Ø	17 Charr./Fr.	15-1104
6 mm Ø	18 Charr./Fr.	15-1105
6 1/2 mm Ø	19 Charr./Fr.	15-1106
6 3/2 mm Ø	20 Charr./Fr.	15-1107
7 mm Ø	21 Charr./Fr.	15-1108
7 1/2 mm Ø	22 Charr./Fr.	15-1109
7 3/2 mm Ø	23 Charr./Fr.	15-1110
8 mm Ø	24 Charr./Fr.	15-1111
8 1/2 mm Ø	25 Charr./Fr.	15-1112
8 3/2 mm Ø	26 Charr./Fr.	15-1113
9 mm Ø	27 Charr./Fr.	15-1114
9 1/2 mm Ø	28 Charr./Fr.	15-1115
9 3/2 mm Ø	29 Charr./Fr.	15-1116
10 mm Ø	30 Charr./Fr.	15-1117
10 1/2 mm Ø	32 Charr./Fr.	15-1118
11 mm Ø	33 Charr./Fr.	15-1119
11 1/2 mm Ø	34 Charr./Fr.	15-1120
12 mm Ø	36 Charr./Fr.	15-1121

1:2

gebogen
 curved
 courbe
 curva
 curve

DILATING BOUGIES



VAN BUREN

2½ mm Ø	8 Charr./Fr.	15-1122
3½ mm Ø	10 Charr./Fr.	15-1123
4 mm Ø	12 Charr./Fr.	15-1124
4½ mm Ø	14 Charr./Fr.	15-1125
5½ mm Ø	16 Charr./Fr.	15-1126
6 mm Ø	18 Charr./Fr.	15-1127
6½ mm Ø	20 Charr./Fr.	15-1128
7½ mm Ø	22 Charr./Fr.	15-1129
8 mm Ø	24 Charr./Fr.	15-1130
8½ mm Ø	26 Charr./Fr.	15-1131
9½ mm Ø	28 Charr./Fr.	15-1132
10 mm Ø	30 Charr./Fr.	15-1133
10½ mm Ø	32 Charr./Fr.	15-1134
11½ mm Ø	34 Charr./Fr.	15-1135
12 mm Ø	36 Charr./Fr.	15-1136



GUYON

3½ mm Ø	10 Charr./Fr.	15-1137
3½ mm Ø	11 Charr./Fr.	15-1138
4 mm Ø	12 Charr./Fr.	15-1139
4½ mm Ø	13 Charr./Fr.	15-1140
4½ mm Ø	14 Charr./Fr.	15-1141
5 mm Ø	15 Charr./Fr.	15-1142
5½ mm Ø	16 Charr./Fr.	15-1143
5½ mm Ø	17 Charr./Fr.	15-1144
6 mm Ø	18 Charr./Fr.	15-1145
6½ mm Ø	19 Charr./Fr.	15-1146
6½ mm Ø	20 Charr./Fr.	15-1147
7 mm Ø	21 Charr./Fr.	15-1148
7½ mm Ø	22 Charr./Fr.	15-1149
7½ mm Ø	23 Charr./Fr.	15-1150
8 mm Ø	24 Charr./Fr.	15-1151
8½ mm Ø	25 Charr./Fr.	15-1152
8½ mm Ø	26 Charr./Fr.	15-1153
9 mm Ø	27 Charr./Fr.	15-1154
9½ mm Ø	28 Charr./Fr.	15-1155
9½ mm Ø	29 Charr./Fr.	15-1156
10 mm Ø	30 Charr./Fr.	15-1157

GUYON

15-1178

VAN BUREN

15-1177

Satz, Fig. 08 - Fig. 36

Set, Fig. 08 - Fig. 36

Jeu, Fig. 08 - Fig. 36

Juego, Fig. 08 - Fig. 36

Serie, Fig. 08 - Fig. 36

Satz, Fig. 10 - Fig. 30, ohne Innengewinde

Set, Fig. 10 - Fig. 30, without inner thread

Jeu, Fig. 10 - Fig. 30, sans filet intérieur

Juego, Fig. 10 - Fig. 30, sin filete interior

Serie, Fig. 10 - Fig. 30, senza filetto interno

Metallkatheter für Frauen
Metal catheters for women

Sondes métalliques pour femmes

Sondas metálicas para mujeres

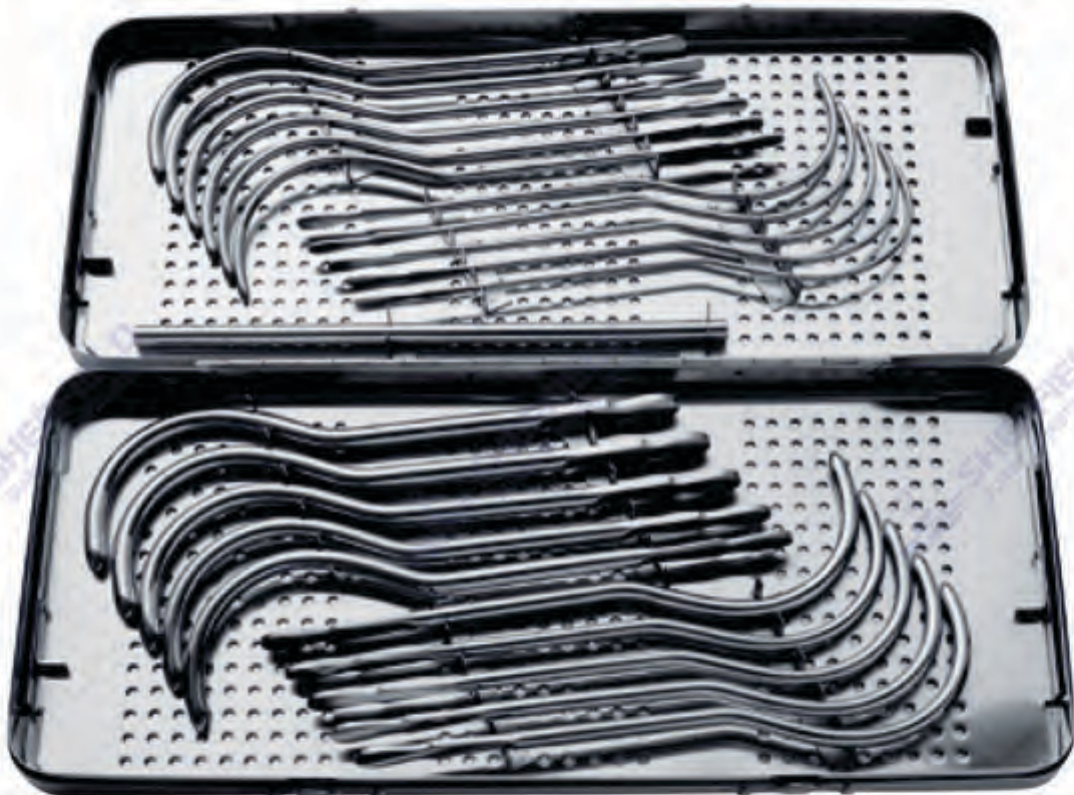
Sonde metalliche per donne



GUYON

2 mm Ø	6 Charr./Fr.	15-1158
2½ mm Ø	7 Charr./Fr.	15-1159
2½ mm Ø	8 Charr./Fr.	15-1160
3 mm Ø	9 Charr./Fr.	15-1161
3½ mm Ø	10 Charr./Fr.	15-1162
3½ mm Ø	11 Charr./Fr.	15-1163
4 mm Ø	12 Charr./Fr.	15-1164
4½ mm Ø	13 Charr./Fr.	15-1165
4½ mm Ø	14 Charr./Fr.	15-1166
5 mm Ø	15 Charr./Fr.	15-1167
5½ mm Ø	16 Charr./Fr.	15-1168
5½ mm Ø	17 Charr./Fr.	15-1169
6 mm Ø	18 Charr./Fr.	15-1170
6½ mm Ø	19 Charr./Fr.	15-1171
6½ mm Ø	20 Charr./Fr.	15-1172
7 mm Ø	21 Charr./Fr.	15-1173
7½ mm Ø	22 Charr./Fr.	15-1174
7½ mm Ø	23 Charr./Fr.	15-1175
8 mm Ø	24 Charr./Fr.	15-1176

DILATING BOUGIES



GUYON

420 mm x 175 mm x 40 mm

15-1179

komplett, Charr. 10 - 30, im Edelstahl-Etui
complete, Charr. 10 - 30, in steel case

complet, Charr. 10 - 30, en étui métallique

completa, Charr. 10 - 30, en caja metálica

completa, Charr. 10 - 30, in astuccio metallico

URETHROTOME



OTIS

15-1180

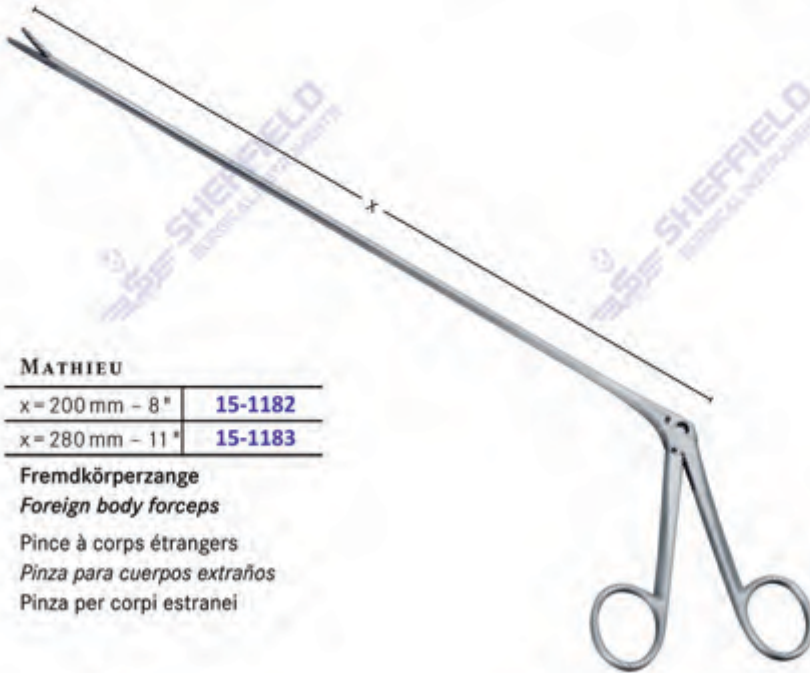
komplett, im Holzetui
mit Dilatator, 2 Messern und 3 Ansätzen
*complete in wooden case
with dilator, 2 knives and 3 tips*
complet, en boîte de bois
avec dilatateur, 2 lames et 3 embouts
*completo en caja de madera
con dilatador, 2 cuchillos y 3 puntas*
completo, in contenitore di legno
con dilatatore, 2 bisturi e 3 punte

15-1181

Ersatzmesser
Spare blade
Lame de rechange
Hoja de cambio
Lama di ricambio



INSTRUMENTS FOR UROLOGY


MATHIEU

x = 200 mm - 8"	15-1182
x = 280 mm - 11"	15-1183

Fremdkörperzange
Foreign body forceps
Pince à corps étrangers
Pinza para cuerpos extraños
Pinza per corpi estranei


160 mm - 6 1/8"	15-1184
-----------------	----------------

Samenstrang-Haken
Hook for the spermatic cord
Crochet pour le cordon spermatique
Granchó para el cordón espermático
Uncino per dotto spermatico

GUYON

390 mm - 15 1/2"	350 mm - 13 3/4"
15-1185	15-1186

Katheterspanner
Mandrin for rubber catheters
Mandrin pour cathéters
Mandril para catéteres
Introduttore per catheteri


145 mm - 5 3/4"	15-1187
-----------------	----------------

zum Fixieren des Samenstranges
Fixation clamp for the spermatic cord
Pince à vis pour fixation du cordon spermatique
Pinza con rosca para fijación el cordón espermático
Pinza con vite per fissare il funicolo spermatico

16

GYNECOLOGY



VAGINAL SPECULUM



Standard Scheidenspekula

Standard Vaginal specula

Standard Spéculum vaginaux

Standard Espéculos vaginales

standard Specoli vaginali



isoliert - für HF-Chirurgie mit Rauchabsaugung

insulated - for HF Surgery (Radio Frequency), with smoke evacuation

isolés - pour la chirurgie à haute fréquence, avec aspiration de la fumée

Aislados - para la cirugía por alta frecuencia, con aspiración de humo

Isolati - per la chirurgia ad alta frequenza, con aspirazione di fumo



Antireflex - für Laser-Chirurgie mit Rauchabsaugung

Antireflex - for Laser Surgery (Radio Frequency), with smoke evacuation

Antireflexe - pour la chirurgie au laser, avec aspiration de la fumée

Antireflejos - para la cirugía por laser, con aspiración de humo

Antiriflesso - per la chirurgia laser, con aspirazione di fumo



VAGINAL SPECULUM



Cusco	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75 mm x 32 mm	16-1001	16-1005	16-1008
85 mm x 35 mm	16-1002	16-1006	16-1009
100 mm x 35 mm	16-1003	16-1007	16-1010

75 mm x 17 mm	16-1004	-	-
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für Jungfrauen
 for virgins
 pour vierges
 para virgenes
 per vergine



Cusco	<input type="checkbox"/>
75 mm x 32 mm	16-1011
85 mm x 35 mm	16-1012
100 mm x 37 mm	16-1013

VAGINAL SPECULUM



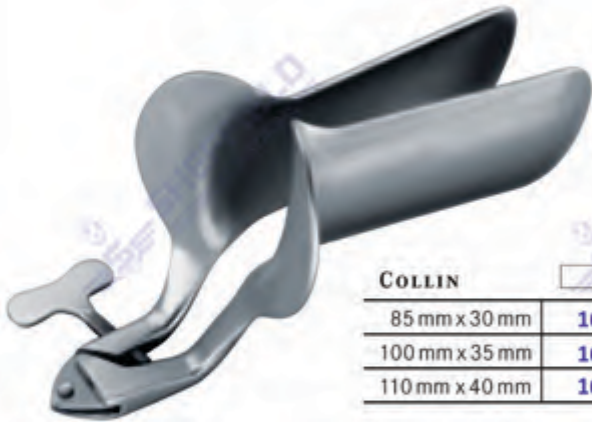
Cusco	<input type="checkbox"/>
80 mm x 22 mm	16-1014
100 mm x 25 mm	16-1015
105 mm x 27 mm	16-1016

Schweizer Modell
Swiss pattern
Modèle suisse
Modelo suizo
Modello svizzero



GRAVE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
75 mm x 20 mm	16-1017	16-1020	16-1023
95 mm x 35 mm	16-1018	16-1021	16-1024
115 mm x 35 mm	16-1019	16-1022	16-1025

VAGINAL SPECULUM



COLLIN <input type="checkbox"/>			
85 mm x 30 mm	16-1026	16-1029	16-1032
100 mm x 35 mm	16-1027	16-1030	16-1033
110 mm x 40 mm	16-1028	16-1031	16-1034



SEMM <input type="checkbox"/>	
90 mm x 14 / 18 mm	16-1035
100 mm x 17 / 20 mm	16-1036
100 mm x 25 / 30 mm	16-1037



TRELAT <input type="checkbox"/>	
85 mm x 30 mm	16-1038
95 mm x 35 mm	16-1039
115 mm x 43 mm	16-1040



PEDERSON <input type="checkbox"/>	
75 mm x 13 mm	16-1041
100 mm x 22 mm	16-1042
120 mm x 25 mm	16-1043

VAGINAL SPECULUM

SHEFFIELD
SURGICAL INSTRUMENTS



KRISTELLER

70 mm x 27 mm	16-1044
80 mm x 30 mm	16-1045
90 mm x 36 mm	16-1046
110 mm x 27 mm	16-1047
110 mm x 30 mm	16-1048
110 mm x 36 mm	16-1049

Spekulum
Speculum
Spéculum
Espéculo
Specolo

SHEFFIELD
SURGICAL INSTRUMENTS



75 mm x 23 mm	16-1050
85 mm x 26 mm	16-1051
100 mm x 32 mm	16-1052
115 mm x 23 mm	16-1053
115 mm x 26 mm	16-1054
115 mm x 32 mm	16-1055

Halter
Retractor
Valve
Valva
Valve

SHEFFIELD
SURGICAL INSTRUMENTS



16-1056
16-1057
16-1058
16-1059
16-1060
16-1061

Satz
Set
Jeu
Juego
Serie

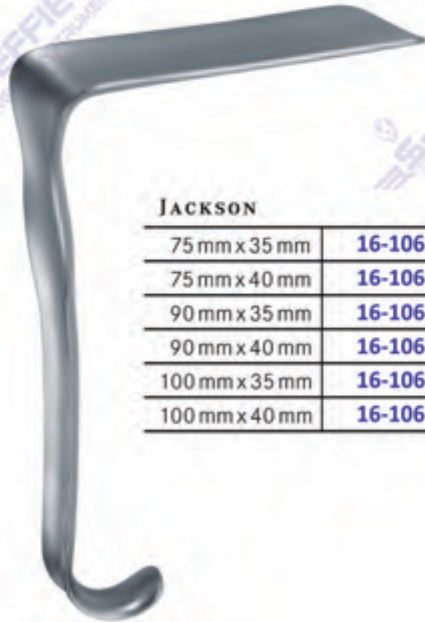
SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS

SHEFFIELD
SURGICAL INSTRUMENTS



VAGINAL SPECULUM



JACKSON

75 mm x 35 mm	16-1062
75 mm x 40 mm	16-1063
90 mm x 35 mm	16-1064
90 mm x 40 mm	16-1065
100 mm x 35 mm	16-1066
100 mm x 40 mm	16-1067



AUVARD

220 mm - 8 3/4"
80 mm x 38 mm
16-1068



SIMS

60 mm x 25 mm / 30 mm	16-1069
70 mm x 30 mm / 35 mm	16-1070
80 mm x 35 mm / 40 mm	16-1071

VAGINAL SPECULUM



KALLMORGEN

70 mm x 40 mm	16-1072
90 mm x 40 mm	16-1073

Spekulum
Speculum
Spéculum
Espéculo
Specolo



70 mm x 33 mm	16-1074
90 mm x 33 mm	16-1075

Halter
Retractor
Valve
Valva
Valvo



16-1076
16-1077

Satz
Set
Jeu
Juego
Serie

VAGINAL SPECULUM


LANDAU

	290 mm - 11½"
100 mm x 28 mm	16-1078
110 mm x 38 mm	16-1079

BREISKY

	320 mm - 12¾"
130 mm x 20 mm	16-1080
130 mm x 25 mm	16-1081
130 mm x 30 mm	16-1082
130 mm x 35 mm	16-1083
130 mm x 40 mm	16-1084

300 mm - 12"

100 mm x 20 mm	16-1085
100 mm x 25 mm	16-1086
100 mm x 30 mm	16-1087
100 mm x 35 mm	16-1088
100 mm x 40 mm	16-1089

350 mm - 13¾"

160 mm x 40 mm	16-1090
180 mm x 40 mm	16-1091

Wiener Modell
Vienna pattern
 Modèle Vienne
 Modelo Vienna
 Modello Vienna

VAGINAL SPECULUM



Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
80 mm x 30 mm	85 mm x 35 mm	90 mm x 40 mm	55 mm x 40 mm / 60 mm	70 mm x 45 mm / 70 mm
16-1092	16-1093	16-1094	16-1095	16-1096

SCHERBACK

16-1097

Satz (Fig. 1-Fig. 2) mit 400 g Gewicht (tk 34090-10)

Set (Fig. 1 - Fig. 2) with weight 400 grs. (tk 34090-10)

Jeu (Fig. 1 - Fig. 2) avec poids 400 gr. (tk 34090-10)

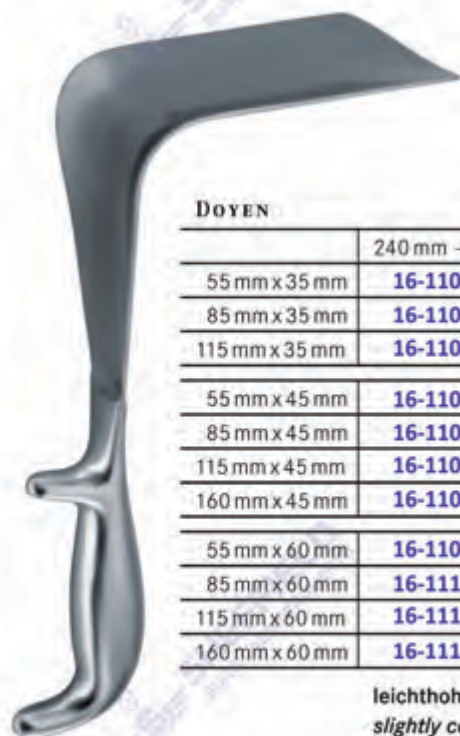
Juego (Fig. 1 - Fig. 2) con peso 400 gr. (tk 34090-10)

Serie (Fig. 1 - Fig. 2) con peso di 400 gr. (tk 34090-10)



400 g	16-1098
600 g	16-1099
800 g	16-1100

16-1101



DOYEN

	240 mm - 9½"
55 mm x 35 mm	16-1102
85 mm x 35 mm	16-1103
115 mm x 35 mm	16-1104
55 mm x 45 mm	16-1105
85 mm x 45 mm	16-1106
115 mm x 45 mm	16-1107
160 mm x 45 mm	16-1108
55 mm x 60 mm	16-1109
85 mm x 60 mm	16-1110
115 mm x 60 mm	16-1111
160 mm x 60 mm	16-1112

leichthohl

slightly concave

légèrement concave

ligeramente concava

legermente concavo

ENDOSPECULA



KOGAN

240 mm - 9½"	16-1113
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mit Skalensperre und Stellschraube
with scale-ratchet and fixation screw

avec crémaillère à échelle et vis à fixation
con cremallera graduada y tornillo fijación
con cremagliera graduata e vite di fissaggio



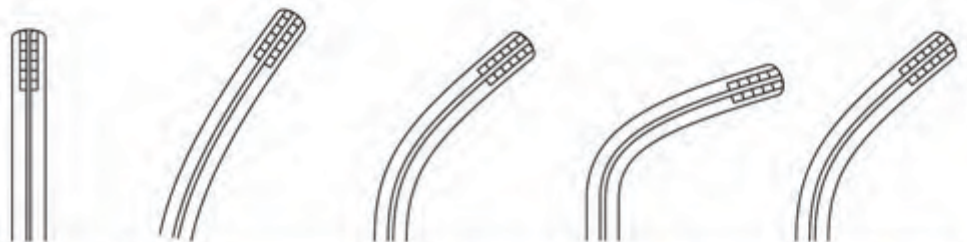
KOGAN-MODIF.

	280 mm - 11"
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x = 4 mm	y = 8 mm	16-1114
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x = 2 mm	y = 4 mm	16-1115
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PARAMETRIUM FORCEPS



210 mm - 8 1/4"	16-1116	16-1120	16-1124	16-1128	16-1132
240 mm - 9 1/2"	16-1117	16-1121	16-1125	16-1129	16-1133
300 mm - 12"	16-1118	16-1122	16-1126	16-1130	16-1134
350 mm - 13 3/4"	16-1119	16-1123	16-1127	16-1131	16-1135

S-förmig gebogen
S-curved
 coube en S
 curva en S
 curva a forma di S

HYSTERECTOMY FORCEPS



ROGERS

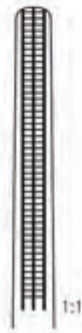


Fig. 1

220 mm - 8 3/4"

16-1136



Fig. 2

215 mm - 8 1/2"

16-1137



Fig. 3

210 mm - 8 1/4"

16-1138

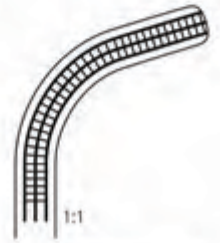


Fig. 4

205 mm - 8"

16-1139



Fig. 1

250 mm - 9 3/4"

16-1140



Fig. 2

250 mm - 9 3/4"

16-1141

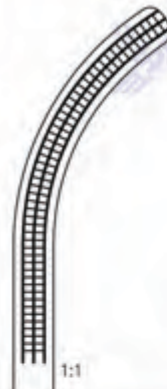


Fig. 3

245 mm - 9 3/4"

16-1142

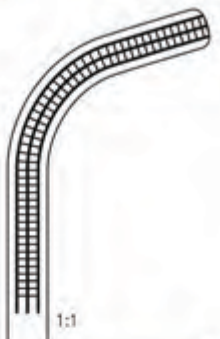


Fig. 4

230 mm - 9"

16-1143

UTERINE SOUNDS



VALLEIX

250 mm - 9¾" * **16-1144**

graduirt, mit Schieber
graduated, with slider
gradu , avec curseur
graduado, con cursor
graduato, con cursore



MARTIN

320 mm - 12½" * **16-1145** **16-1146**

fest	biegsam
rigid	malleable
rigide	mall�able
rigido	malleabile
rigido	malleabile



SIMS

320 mm - 12½" * **16-1147** **16-1148**

fest	biegsam
rigid	malleable
rigide	mall�able
rigido	malleabile
rigido	malleabile

UTERINE DILATORS



HEGAR

1.0 mm Ø	16-1149
1.5 mm Ø	16-1150
2.0 mm Ø	16-1151
2.5 mm Ø	16-1152
3.0 mm Ø	16-1153
3.5 mm Ø	16-1154
4.0 mm Ø	16-1155
4.5 mm Ø	16-1156
5.0 mm Ø	16-1157
5.5 mm Ø	16-1158
6.0 mm Ø	16-1159
6.5 mm Ø	16-1160
7.0 mm Ø	16-1161
7.5 mm Ø	16-1162
8.0 mm Ø	16-1163
8.5 mm Ø	16-1164
9.0 mm Ø	16-1165
9.5 mm Ø	16-1166

10.0 mm Ø	16-1167
10.5 mm Ø	16-1168
11.0 mm Ø	16-1169
11.5 mm Ø	16-1170
12.0 mm Ø	16-1171
12.5 mm Ø	16-1172
13.0 mm Ø	16-1173
13.5 mm Ø	16-1174
14.0 mm Ø	16-1175
14.5 mm Ø	16-1176
15.0 mm Ø	16-1177
15.5 mm Ø	16-1178
16.0 mm Ø	16-1179
16.5 mm Ø	16-1180
17.0 mm Ø	16-1181
17.5 mm Ø	16-1182
18.0 mm Ø	16-1183
18.5 mm Ø	16-1184
19.0 mm Ø	16-1185
19.5 mm Ø	16-1186

20.0 mm Ø	16-1187
21.0 mm Ø	16-1188
22.0 mm Ø	16-1189
23.0 mm Ø	16-1190
24.0 mm Ø	16-1191
25.0 mm Ø	16-1192
26.0 mm Ø	16-1193
27.0 mm Ø	16-1194
28.0 mm Ø	16-1195
29.0 mm Ø	16-1196
30.0 mm Ø	16-1197

HEGAR

4 mm - 17 mm Ø	14	16-1198
1 mm - 26 mm Ø	26	16-1199

Stück per Satz	Satz, ohne Metalletui
Pieces per set	Set, without metal case
Pièces per jeu	Jeu, sans boîte en métal
Piezas para juego	Juego, sin caja de metal
Pezzi per serie	Serie, senza astuccio metallico

UTERINE DILATORS



HEGAR

4 mm - 17 mm Ø	14	16-1200	16-1202
1 mm - 26 mm Ø	26	16-1201	16-1203

Stück per Satz
Pieces per set

Pièces per jeu
Piezas para juego

Pezzi per serie

Satz, in Metalletui
Set, in metal case

Jeu, en boîte de métal
Juego, en caja de metal

Serie, con astuccio metallico

Metalletui mit 2 Einlegeböden
metal case with 2 shelves

boîte de métal avec 2 éagères
caja de metal con 2 estantes

astuccio metallica con 2 scaffali

UTERINE DILATORS



HEGAR

1 / 2 mm Ø	16-1204
3 / 4 mm Ø	16-1205
5 / 6 mm Ø	16-1206
7 / 8 mm Ø	16-1207
9 / 10 mm Ø	16-1208
11 / 12 mm Ø	16-1209
13 / 14 mm Ø	16-1210
15 / 16 mm Ø	16-1211
17 / 18 mm Ø	16-1212
19 / 20 mm Ø	16-1213
21 / 22 mm Ø	16-1214
23 / 24 mm Ø	16-1215
25 / 26 mm Ø	16-1216

HEGAR

3 / 4 mm - 17 / 18 mm Ø	8	16-1217
1 / 2 mm - 25 / 26 mm Ø	13	16-1218

Stück per Satz Satz, allein
 Pieces per set Set, only
 Pièces per jeu Jeu, seul
 Piezas para juego Juego, solo
 Pezzi per serie Serie, solo



1:3



1:3

HEGAR

3 / 4 mm - 17 / 18 mm Ø	8	16-1219	16-1220
1 / 2 mm - 25 / 26 mm Ø	13		16-1221

Stück per Satz Satz in Stoffrolltasche
 Pieces per set Set in canvas roll
 Pièces per jeu Jeu en poche de textile
 Piezas para juego Juego en bolsa de tela
 Pezzi per serie Serie in astuccio di tela

Satz, in Metalletui
 Set, in metal case
 Jeu, en boîte de métal
 Juego, en caja de metal
 Serie, in astuccio metallico

UTERINE DILATORS & DEPRESSORS



HANK			
Fig. 09/10	4.5 / 5.0 mm Ø	16-1222	
Fig. 11/12	5.5 / 6.0 mm Ø	16-1223	
Fig. 13/14	6.5 / 7.0 mm Ø	16-1224	
Fig. 15/16	7.5 / 8.0 mm Ø	16-1225	
Fig. 17/18	8.5 / 9.0 mm Ø	16-1226	
Fig. 19/20	9.5 / 10.0 mm Ø	16-1227	

HANK			
4.5 / 5 mm - 9.5 / 10 mm Ø	6	16-1228	
Stück per Satz	Satz, allein		
Pieces per set	Set, only		
Pièces per jeu	Jeu, seul		
Piezas para juego	Juego, solo		
Pezzi per serie	Serie, solo		



1:3

HANK		
4.5 / 5 mm - 9.5 / 10 mm Ø	6	16-1229

Stück per Satz	Satz, in Stoffrolltasche
Pieces per set	Set, in canvas roll
Pièces per jeu	Jeu, en poche de textile
Piezas para juego	Juego, en bolsa de tela
Pezzi per serie	Serie, in astuccio di tela



BRAUN

280 mm - 11°

16-1230

1:3

TENACULUM FORCEPS



1:2

**STAUDE-
MOORE**

170 mm - 6 $\frac{3}{4}$ "

16-1231



1:2

BARRETT

180 mm - 7"

16-1232



1:2

SKENE

240 mm - 9 $\frac{1}{2}$ "

16-1233



1:2

BRAUN

250 mm - 9 $\frac{3}{4}$ "

16-1234

TENACULUM FORCEPS



POZZI

255 mm - 10"

16-1235



SCHROEDER

250 mm - 9 3/4"

16-1236



SCHROEDER

240 mm - 9 1/2"

16-1237

16-1238



1:2

TENACULUM FORCEPS



DUPLAY

280 mm - 11"

16-1239



IOWA

260 mm - 10 1/4"

16-1240



BEACHAM

260 mm - 10 1/4"

16-1241

Amniotom
Amniotome
Amniotomo
Amniotomo
Amniotomo

TENACULUM FORCEPS



MUSEUX

	240 mm - 9½"	240 mm - 9½"
8 mm	16-1242	16-1245
6 mm	16-1243	16-1246
10 mm	16-1244	16-1247



JACOBS

210 mm - 8¼"	16-1248	16-1249
--------------	----------------	----------------



TEALE

230 mm - 9"	16-1250
-------------	----------------

1:2

TENACULUM FORCEPS



PRATT

260 mm - 10 $\frac{3}{4}$ "	16-1251
-----------------------------	----------------



CZERNY

205 mm - 8"	16-1252
-------------	----------------

UTERINE POLYPUS FORCEPS



KELLY

320 mm - 12½"	16-1253
---------------	----------------



NOTO

270 mm - 10¾"	16-1254
---------------	----------------



DOYEN

200 mm - 8"	16-1255
-------------	----------------

UTERINE SEIZING FORCEPS



DARTIGUES

270 mm - 10¾"

16-1256



SOMMER

230 mm - 9"

16-1257



COLLIN

250 mm - 9¾"

16-1258

MYOMA INSTRUMENTS



AYRE

230 mm - 9"

16-1259



SEGOND

270 mm - 10 $\frac{3}{4}$ "

16-1260



DOYEN

170 mm - 6 $\frac{3}{4}$ "

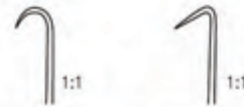
16-1261

FISTULA HOOKS



SIMON

	Fig. 1	Fig. 2
220 mm - 8 3/4" "	16-1262	16-1263



EMMET

	Fig. 1	Fig. 2
220 mm - 8 3/4" "	16-1264	16-1265



	Fig. 3	Fig. 4
220 mm - 8 3/4" "	16-1266	16-1267



	Fig. 5
220 mm - 8 3/4" "	16-1268



CERVICAL BIOPSY & SPECIMEN FORCEPS



SCHUBERT

210 mm - 8½"	16-1269
280 mm - 11"	16-1270



FAURE

210 mm - 8½"	16-1271
--------------	----------------



SCHUBERT

260 mm - 10¼"	16-1272
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CERVICAL BIOPSY & SPECIMEN FORCEPS



GELLHORN

230 mm - 9"

16-1273



THOMS-GAYLOR

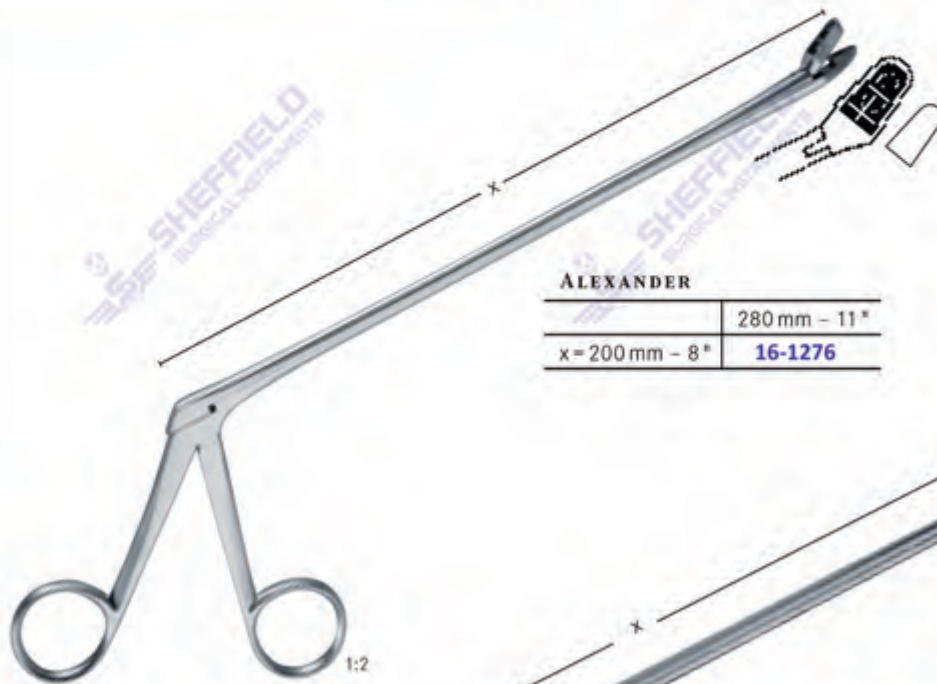
220 mm - 8 $\frac{3}{4}$ "

16-1274

240 mm - 9 $\frac{1}{2}$ "

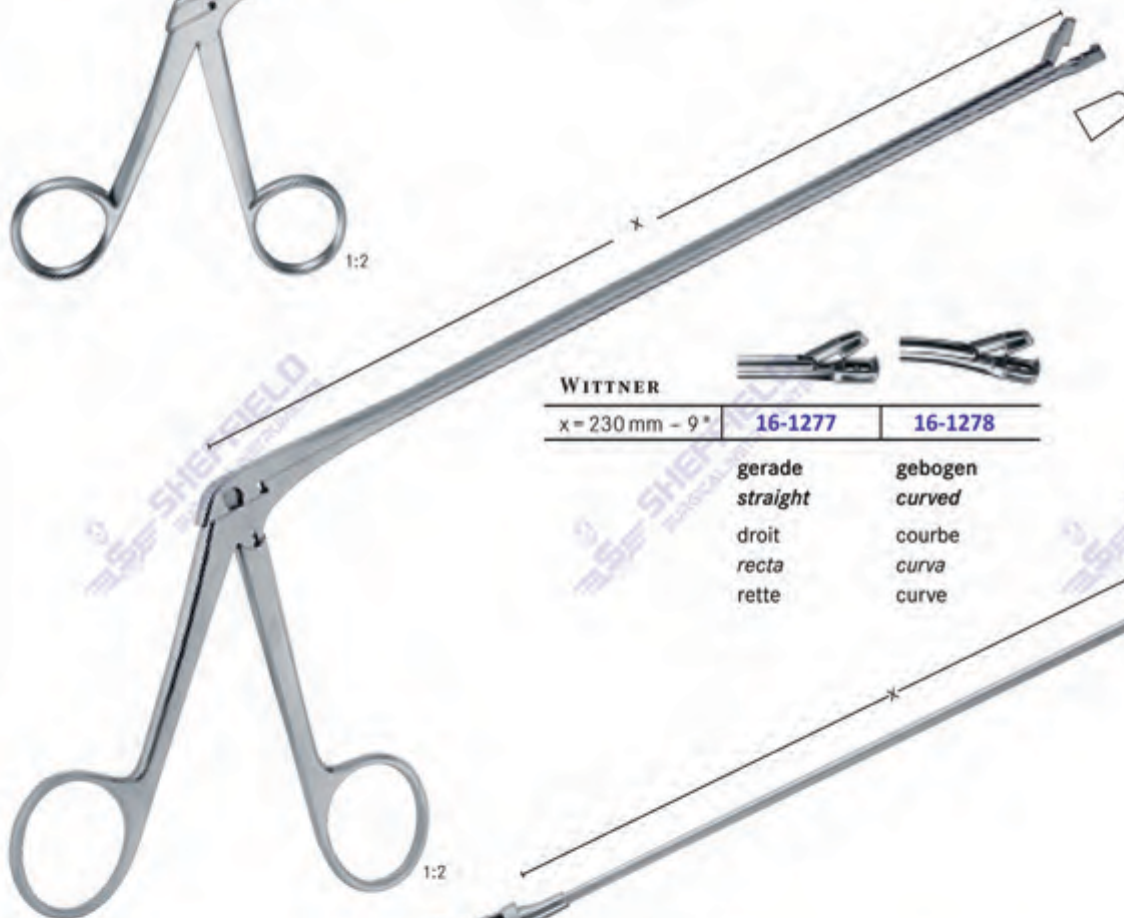
16-1275

CERVICAL BIOPSY & SPECIMEN FORCEPS



ALEXANDER

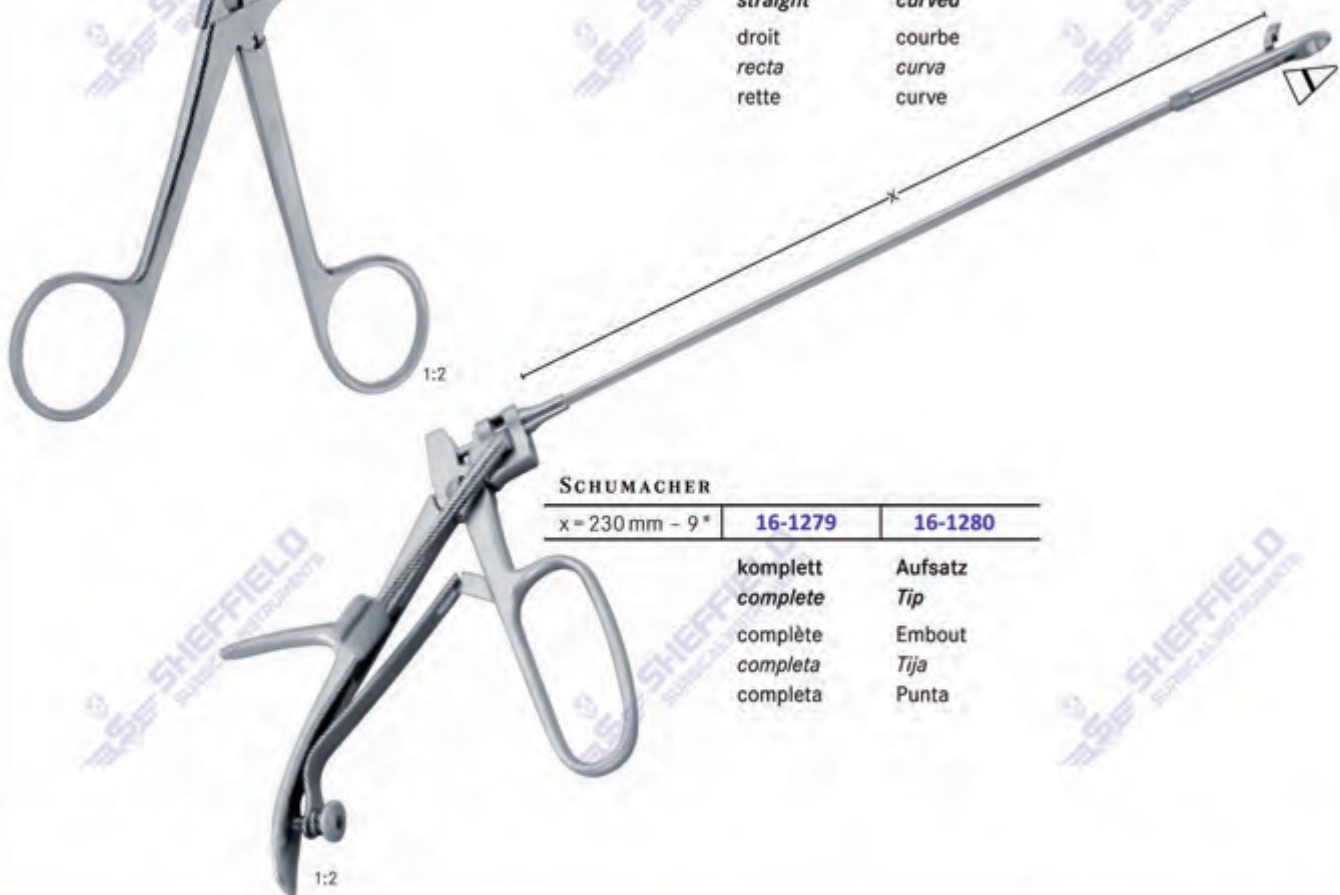
	280 mm - 11"
x = 200 mm - 8"	16-1276



WITTNER

x = 230 mm - 9"	16-1277	16-1278
-----------------	----------------	----------------

gerade	gebogen
straight	curved
droit	courbe
recta	curva
rette	curve



SCHUMACHER

x = 230 mm - 9"	16-1279	16-1280
-----------------	----------------	----------------

komplett	Aufsatz
complete	Tip
complète	Embout
completa	Tija
completa	Punta

CERVICAL BIOPSY & SPECIMEN FORCEPS

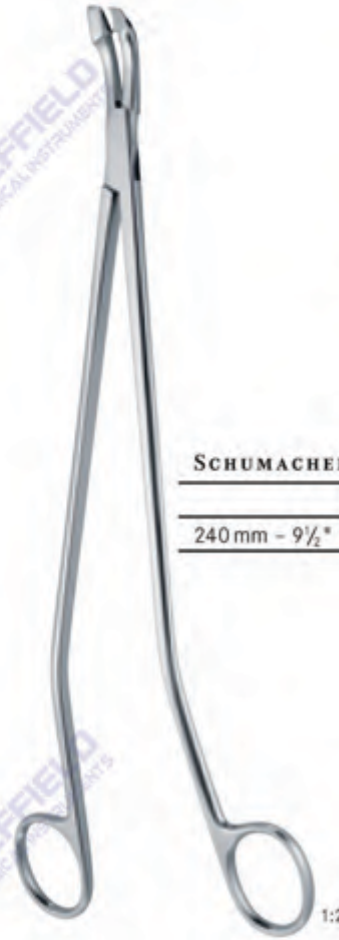


VAN DOREN

240 mm - 9½"

16-1281

1:2



SCHUMACHER

1:1

1:1

Fig. 1

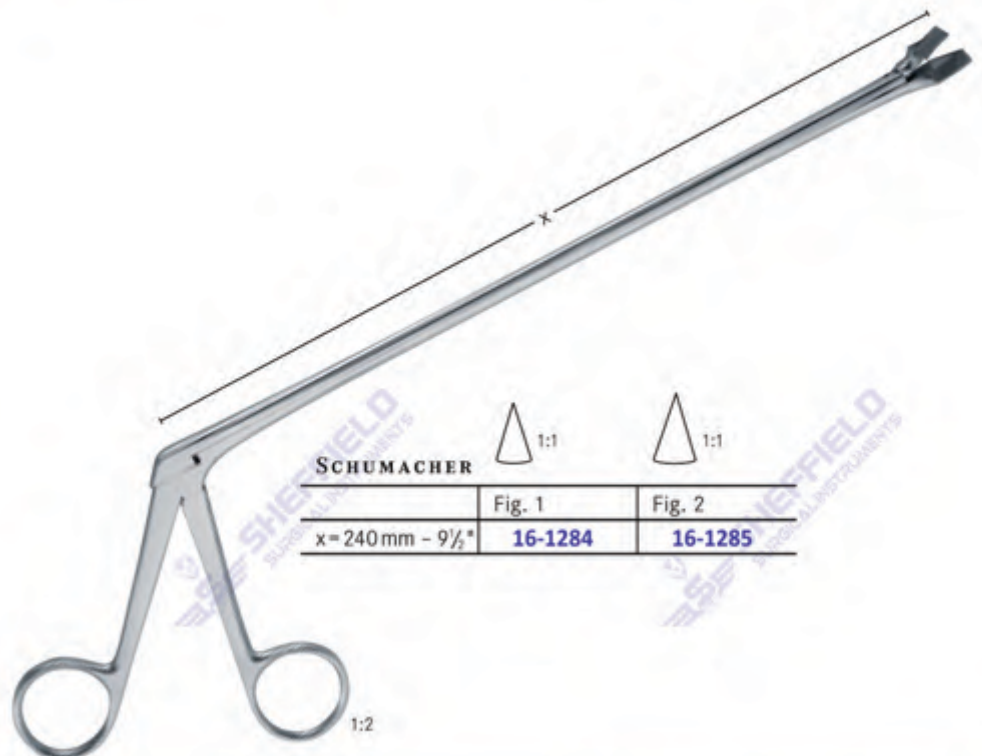
Fig. 2

240 mm - 9½"

16-1282

16-1283

1:2



SCHUMACHER

1:1

1:1

Fig. 1

Fig. 2

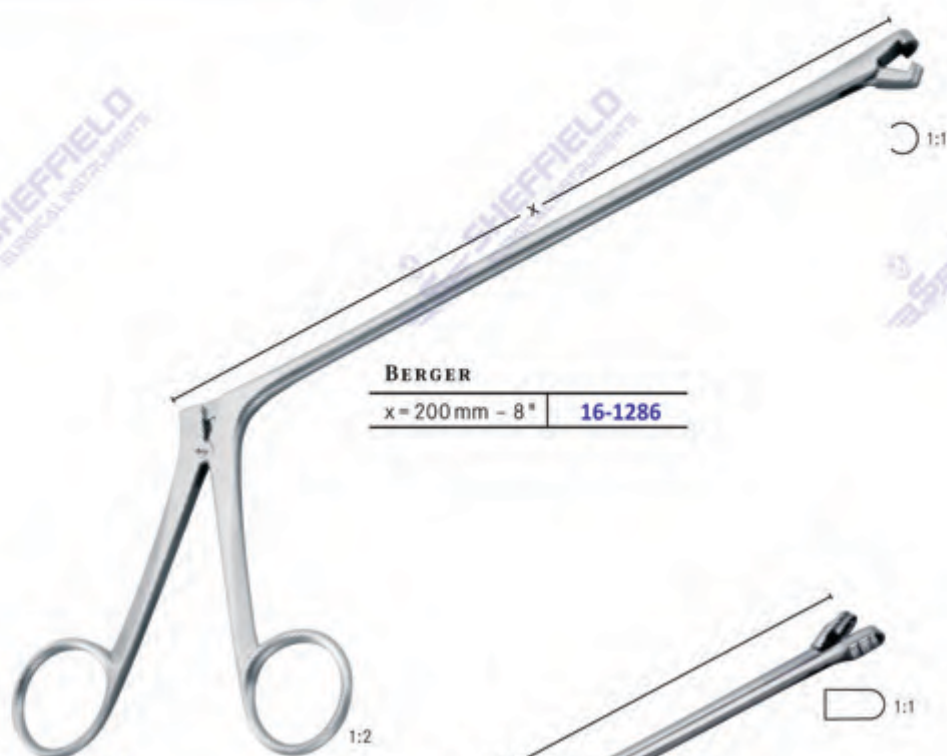
x = 240 mm - 9½"

16-1284

16-1285

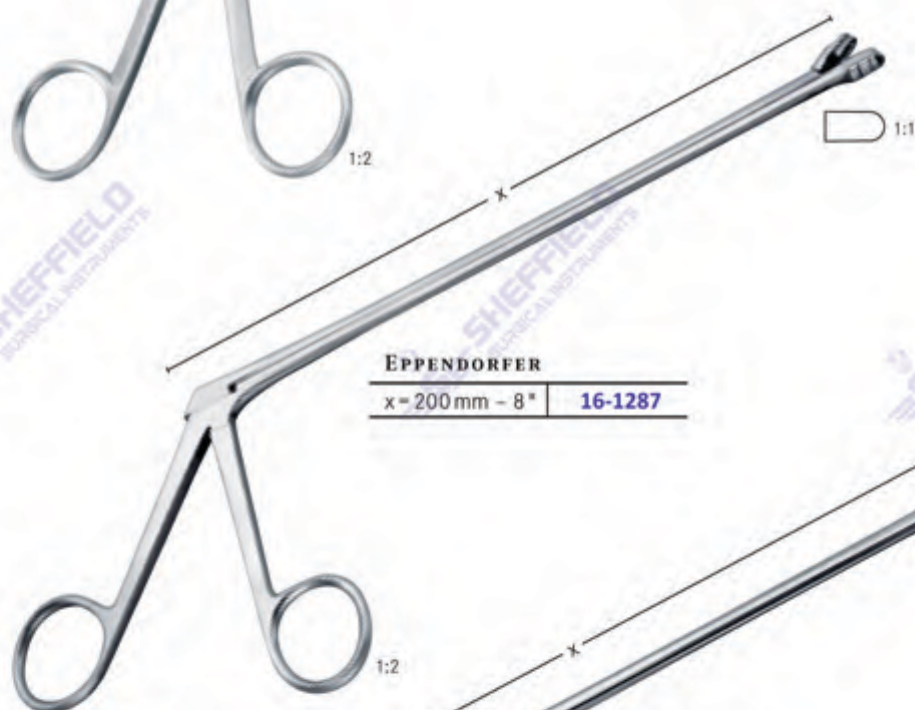
1:2

CERVICAL BIOPSY & SPECIMEN FORCEPS



BERGER

x = 200 mm - 8"	16-1286
-----------------	----------------



EPPENDORFER

x = 200 mm - 8"	16-1287
-----------------	----------------



KEVORKIAN

x = 245 mm - 9 1/2"	16-1288
---------------------	----------------

CERVICAL BIOPSY & SPECIMEN FORCEPS



**TISCHLER-MORGAN
USA MODELL**

x = 200 mm - 8"	16-1289
x = 250 mm - 9 7/8"	16-1290

TISCHLER-MORGAN

16-1291
16-1292

Instrument wie abgebildet, jedoch ohne Feststellschraube.
Instrument as illustrated, but without locking screw.

Instrument comme illustré, mais sans vis de fixation.
Instrumento como ilustrado, pero sin tornillo de fijación.
 Pinza come illustrata però senza vite di fissaggio.

CERVICAL BIOPSY & SPECIMEN FORCEPS



**MINI-TISCHLER
USA MODELL**

x = 200 mm - 8"	16-1293
x = 250 mm - 9 7/8"	16-1294

**MINI-
TISCHLER**

16-1295
16-1296

Instrument wie abgebildet, jedoch ohne Feststellschraube.
Instrument as illustrated, but without locking screw.

Instrument comme illustré, mais sans vis de fixation.

Instrumento como ilustrado, pero sin tornillo de fijación.

Pinza come illustrata però senza vite di fissaggio.

CERVICAL BIOPSY & SPECIMEN FORCEPS


UNI-TISCHLER

3 x 7 mm	16-1299
----------	----------------

gerade, Aufsatz allein
straight, Tip only

droit, mors seul
recta, boca sola
 retta, punta sola


16-1297

Uni-Griff allein
Handle only
 Poignee seule
Mango solo
 Manico solo


UNI-TISCHLER

3 x 7 mm	16-1300
----------	----------------

aufwärts, Aufsatz allein
up, Tip only

haut, mors seul
arriba, boca sola
 in alto, punta sola


UNI-TISCHLER

3 x 7 mm	16-1301
----------	----------------

abwärts, Aufsatz allein
down, Tip only

bas, mors seul
abajo, boca sola
 in basso, punta sola


UNI-TOWNSEND

2.3 x 4 mm	16-1302
------------	----------------

gerade, Aufsatz allein
straight, Tip only

droit, mors seul
recta, boca sola
 retta, punta sola


UNI-TOWNSEND

2.3 x 4 mm	16-1303
------------	----------------

aufwärts, Aufsatz allein
up, Tip only

haut, mors seul
arriba, boca sola
 in alto, punta sola


UNI-TOWNSEND

2.3 x 4 mm	16-1304
------------	----------------

abwärts, Aufsatz allein
down, Tip only

bas, mors seul
abajo, boca sola
 in basso, punta sola


UNI-KEYORKIAN

3 x 9 mm	16-1305
----------	----------------

Aufsatz allein
Tip only

Mors seul
Boca sola
 Punta sola


16-1298

Uni-Griff allein mit Ring
Handle only
 Poignee seule
Mango solo
 Manico solo


UNI-OVAL

3 x 5 mm	16-1306
----------	----------------

Aufsatz allein
Tip only

Mors seul
Boca sola
 Punta sola


UNI-BURKE

3 x 5 mm	16-1307
----------	----------------

Aufsatz allein
Tip only

Mors seul
Boca sola
 Punta sola

BIOPSY CURETTES



RANDALL

	4 mm Ø
240 mm - 9 1/2"	16-1308



KEYVORKIAN

300 mm - 12"

16-1309



16-1310

fest, ohne Korb
rigid, without basket
rigide, sans panier
rigida, sin cesta
rigida, senza cestino

fest, mit Korb
rigid, with basket
rigide, avec panier
rigida, con cesta
rigida, con cestino

16-1311

16-1312

biegsam, ohne Korb
malleable, without basket
malléable, sans panier
malleable, sin cesta
flessibile, senza cestino

biegsam, mit Korb
malleable, with basket
malléable, avec panier
malleable, con cesta
flessibile, con cestino



NOVAK

	4 mm Ø
230 mm - 9"	16-1313

MINI-NOVAK

	235 mm - 9 1/4"
1 mm Ø	16-1314
2 mm Ø	16-1315
3 mm Ø	16-1316



ASPIRATING CURETTES



	200 mm - 11½"
3 mm Ø	16-1317
4 mm Ø	16-1318
6 mm Ø	16-1319
8 mm Ø	16-1320
10 mm Ø	16-1321
12 mm Ø	16-1322
14 mm Ø	16-1323

Probe- und Absaugkürette
Specimen and aspirating curette
 Curette à biopsies et d'aspiration
 Cureta de biopsia y de aspiración
 Curette per biopsia ed per aspirazione



1:2

120 mm - 4¾"	16-1324
--------------	----------------

Kupplungsstück
Coupling piece
 Pièce d'accouplement
 Pieza de conexión
 Pezzo di connessione

SALPINGOGRAPH



SCHULTZE

295 mm - 11½" **16-1325**

Salpingograph, komplett im Holzetui
Salpingograph, complete in wooden case
 Salpingographe, complet en etui de bois
Salpingografo, completa en caja de madera
 Salpingografo, completo in astuccio di legno

1:2



	4 mm Ø
x = 230 mm - 9"	16-1326

Zange zum Entfernen von Spiralen
Forceps for I.U.D. removings
 Pince pour enlever des stérilets
Pinza para remover la espiral de esterilidad
 Pinza per distaccare la spirale

UTERINE CURETTES



scharf, biegsam
sharp, malleable

tranchante, malléable
cortante, maleable
tagliente, flessibile

stumpf, biegsam
blunt, malleable

mousse, malléable
roma, maleable
smussa, flessibile

scharf, fest
sharp, rigid

tranchante, rigide
cortante, rigida
tagliente, rigida

stumpf, fest
blunt, rigid

mousse, rigid
roma, rigida
smussa, rigida

RECAMIER

$y=260\text{mm}-10\frac{1}{4}^*$	Fig.	x=mm				
	00	5	16-1327	16-1355	16-1383	16-1411
	0	6	16-1328	16-1356	16-1384	16-1412
	1	7	16-1329	16-1357	16-1385	16-1413
	2	8	16-1330	16-1358	16-1386	16-1414
	3	9	16-1331	16-1359	16-1387	16-1415
	4	11	16-1332	16-1360	16-1388	16-1416
	5	12	16-1333	16-1361	16-1389	16-1417
	6	14	16-1334	16-1362	16-1390	16-1418
	7	15	16-1335	16-1363	16-1391	16-1419
	8	16	16-1336	16-1364	16-1392	16-1420
	9	19	16-1337	16-1365	16-1393	16-1421
	10	20	16-1338	16-1366	16-1394	16-1422
	11	21	16-1339	16-1367	16-1395	16-1423
	12	23	16-1340	16-1368	16-1396	16-1424

$y=310\text{mm}-12\frac{1}{2}^*$	Fig.	mm				
	00	5	16-1341	16-1369	16-1397	16-1425
	0	6	16-1342	16-1370	16-1398	16-1426
	1	7	16-1343	16-1371	16-1399	16-1427
	2	8	16-1344	16-1372	16-1400	16-1428
	3	9	16-1345	16-1373	16-1401	16-1429
	4	11	16-1346	16-1374	16-1402	16-1430
	5	12	16-1347	16-1375	16-1403	16-1431
	6	14	16-1348	16-1376	16-1404	16-1432
	7	15	16-1349	16-1377	16-1405	16-1433
	8	16	16-1350	16-1378	16-1406	16-1434
	9	19	16-1351	16-1379	16-1407	16-1435
	10	20	16-1352	16-1380	16-1408	16-1436
	11	21	16-1353	16-1381	16-1409	16-1437
	12	23	16-1354	16-1382	16-1410	16-1438

UTERINE CURETTES



scharf, biegsam
sharp, malleable
tranchante, malléable
cortante, malleable
tagliente, flessibile

stumpf, biegsam
blunt, malleable
mousse, malléable
roma, malleable
smussa, flessibile

scharf, fest
sharp, rigid
tranchante, rigide
cortante, rigida
tagliente, rigida

stumpf, fest
blunt, rigid
mousse, rigid
roma, rigida
smussa, rigida

RECAMIER

y=340mm-13/2,*	Fig.	x=mm				
	13	25	16-1439	16-1443	16-1447	16-1451
	14	30	16-1440	16-1444	16-1448	16-1452
	15	35	16-1441	16-1445	16-1449	16-1453
	16	40	16-1442	16-1446	16-1450	16-1454

UTERINE CURETTES



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

SIMS

250 mm - 9 3/4"	Fig.	x=mm				
	1	7	16-1455	16-1461	16-1467	16-1473
	2	8	16-1456	16-1462	16-1468	16-1474
	3	9	16-1457	16-1463	16-1469	16-1475
	4	11	16-1458	16-1464	16-1470	16-1476
	5	12	16-1459	16-1465	16-1471	16-1477
	6	14	16-1460	16-1466	16-1472	16-1478

scharf, biegsam
sharp, malleable

tranchante, malléable
cortante, maleable
tagliente, flessibile

stumpf, biegsam
blunt, malleable

mousse, malléable
roma, maleable
smussa, flessibile

scharf, fest
sharp, rigid

tranchante, rigide
cortante, rigida
tagliente, rigida

stumpf, fest
blunt, rigid

mousse, rigid
roma, rigida
smussa, rigida

UTERINE SPOONS



SIMON



Fig. 1



Fig. 2



Fig. 3

250 mm – 9 3/4"*

16-1479

16-1480

16-1481

scharf, fest
sharp, rigid

tranchante, rigide
cortante, rigida
taglienti, rigido



Fig. 4

16-1482



Fig. 5

16-1483



Fig. 6

16-1484



SCHRÖDER



Fig. 1



Fig. 2



Fig. 3

300 mm – 12"*

16-1485

16-1486

16-1487



Fig. 4

16-1488



Fig. 5

16-1489



Fig. 6

16-1490



OBSTETRICAL FORCEPS



**SIMPSON-
LUIKART** 1:3

360 mm - 14 1/4"	16-1491
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WRIGLEY 1:3

230 mm - 9"	16-1492
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für Kaiserschnitt
for caesarian section
pour césarienne
para operación cesárea
per taglio cesareo



DELEE 1:3

300 mm - 12"	16-1493
--------------	----------------



DELEE

360 mm - 14 1/4"	16-1494
390 mm - 15 1/2"	16-1495

OBSTETRICAL FORCEPS



ELLIOT

320 mm - 12½"	16-1496
380 mm - 15"	16-1497



McLEAN

360 mm - 14¼"	16-1498
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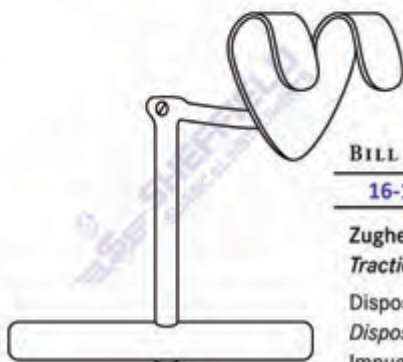
KIELLAND

410 mm - 16¼"	16-1499
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**KIELLAND-
LUIKART**

400 mm - 16"	16-1500
--------------	----------------



BILL

16-1501

Zughebel, passend für alle Geburtszangen mit gehornem Standard-Griff
Traction handle for all the forceps with horned standard handle

Dispositif de traction pour tous les forceps avec manche normal à cornes

Dispositivo de tracción para todos los forceps con mango standard cornudo

Impugnatura di trazione adatto a tutti i forcipi con manico standard con corne

OBSTETRICS



SELLHEIM
 280 mm - 11" **16-1502**

Geburtslöffel
Obstetric lever

Cuillère obstétricale
 Cuchara obstétrica
 Cucchaio obstetrico



BRAUN
 325 mm - 12 3/4" **16-1503**

Dekapitationshaken
Decapitating hook

Crochet de décapitation
 Grancho de descapitación
 Uncino di decapitazione



GREEN-ARMYTAGE
 210 mm - 8 1/4" **16-1504**

Uterusklemmzange
Uterine elevating forceps

Pince uterine
 Pinza para el útero
 Pinza uterina

OBSTETRICS



SMELLIE

250 mm - 10"	16-1505
--------------	----------------

Perforatorium
Perforator
Perforateur
Perforador
Perforatore



BRAUN

420 mm - 16½"	16-1506
---------------	----------------

Kranioklast, ein Maul gefenstert
Cranioclast, one jaw fenestrated
Cranioclaste, une partie fenestrée
Craneolasto, una boca fenestrada
Cranioclaste, un lato fenestrato



TARNIER

460 mm - 17¼"	16-1507
---------------	----------------

Basiotrib
Basiotribe
Basiotribe
Basiotribo
Basiotribo

ABORTION FORCEPS- OVUM CURETTES



WINTER

	Fig. 1	Fig. 2	Fig. 3
280 mm - 11 "	16-1508	16-1509	16-1510

gerade
 straight
 droit
 recta
 rette

16-1511	16-1512	16-1513
----------------	----------------	----------------

gebogen
 curved
 courbe
 curva
 curve



CUZZI

	14,5 mm	18,0 mm	21,0 mm
300 mm - 12 "	16-1514	16-1515	16-1516

stumpf, Rückseite gerieft
 blunt, back serrated
 mousse, dos strié
 romo, dorso estriado
 smusso, dorso zigrinato

ABORTION FORCEPS- OVUM CURETTES

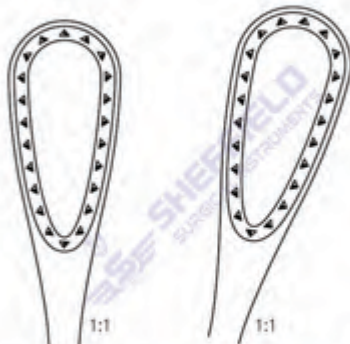


SAENGER

270 mm - 10 $\frac{3}{4}$ "*

16-1517

16-1518



WALLICH

420 mm - 16 $\frac{1}{2}$ "*

16-1519

stumpf
blunt
mousse
roma
smussa



PESTALOZZA

300 mm - 12"*

16-1520



UMBILICAL CORD CLAMPS



KANE

85 mm - 3¼"

16-1521



COLLIN

90 mm - 3½"

16-1522

PELVIMETERS



MARTÍN

340 mm - 13½" **16-1523**

cm / Zoll-Scala
cm / inch-scale

échelle en cm / pouces
escala cm / pulgadas
scala cm / pollici



COLLIN

350 mm - 13¾" **16-1524**

cm-Scala
cm-scale

échelle en cm
escala en cm
scala in cm

17

ENT



EAR SPECULA



TOYNBEE	○ 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
36 mm - 1½"	17-1001	17-1002	17-1003	17-1004
17-1005		x	x	x
17-1006	x	x	x	x

Satz, für Erwachsene
Set, for adults

Jeu, pour adultes
Juego, para adultos
Serie, per adulti



RICHNAU HOLMGREN	○ 1:1	○ 1:1	○ 1:1	○ 1:1
	Fig. 0	Fig. 1	Fig. 2	Fig. 3
	3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
	17-1007	17-1008	17-1009	17-1010

EAR SPECULA



BOUCHERON				
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	17-1011	17-1012	17-1013	17-1014
17-1015	x	x	x	x

Satz für Erwachsene
 Set for adults
 Jeu pour adultes
 Juego para adultos
 Serie per adulti



HARTMANN			
	Fig. 0	Fig. 1	Fig. 2
	3.0 mm Ø	4.5 mm Ø	5.5 mm Ø
	17-1016	17-1017	17-1018
17-1019	x	x	x

Satz für Kinder
 Set for children
 Jeu pour enfants
 Juego para niños
 Serie per bambini



HARTMANN				
	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	17-1020	17-1021	17-1022	17-1023
17-1024		x	x	x
17-1025	x	x	x	x

Satz für Erwachsene
 Set for adults
 Jeu pour adultes
 Juego para adultos
 Serie per adulti



HARTMANN					
	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
	17-1026	17-1027	17-1028	17-1029	17-1030
17-1031		x	x	x	x

Satz für Erwachsene, schwarz
 Set for adults, black
 Jeu pour adultes, noir
 Juego para adultos, negro
 Serie per adulti, nero

TUNING FORKS



1:2

LUCAE

c 128

17-1032

verschiebbar bis h
variable up to h (engl. b)
variable jusqu'à h (franc. si)
variable hasta h (esp. si)
regolabile fino a h



1:2

RYDEL-SEIFFER

C 64 / c 128

17-1033

mit Dämpfer C 64, ohne Dämpfer c 128
with clamps C 64, without clamps c 128
avec curseurs C 64, sans curseurs c 128
con sordinas C 64, sin sordinas c 128
con cursori C 64, senza cursori c 128



1:2

1:2

FRENCH

C,16

17-1034

C,32

17-1035

TUNING FORKS



HARTMANN

c 128	c ¹ 256	c ² 512	c ³ 1024	c ⁴ 2048	C ⁵ 4096
17-1036	17-1037	17-1038	17-1039	17-1040	17-1041



HARTMANN

17-1042

EAR CURETTES



Buck

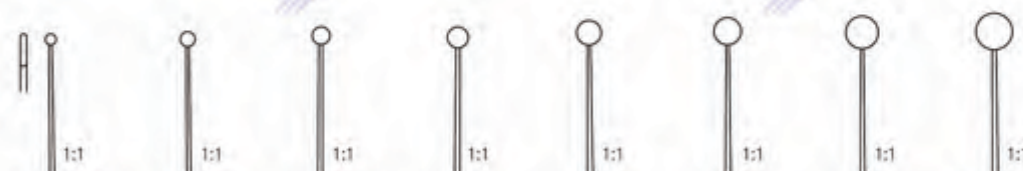


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm - 6 1/2"	17-1043	17-1044	17-1045	17-1046	17-1047	17-1048	17-1049	17-1050

stumpf
blunt
mousse
roma
smussa

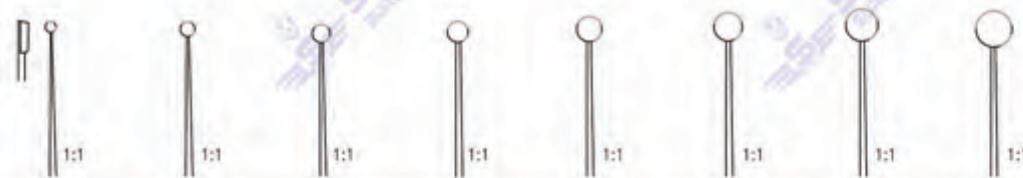


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm - 6 1/2"	17-1051	17-1052	17-1053	17-1054	17-1055	17-1056	17-1057	17-1058

scharf
sharp
tranchante
cortante
tagliente



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.

EAR CURETTES & SHARP SPOONS



LANGENBECK

130 mm - 5"

17-1059

stumpf
 blunt
 mousse
 roma
 smussa



JANSEN

170 mm - 6 3/4"

17-1060

scharf
 sharp
 tranchante
 cortante
 acuta



GROSS

120 mm - 4 3/4"

17-1061

scharf, voll
 sharp, not fenestrated
 tranchante, pleine
 cortante, lleno
 acuta, pieno



GROSS

120 mm - 4 3/4"

17-1062

stumpf, gefenstert
 blunt, fenestrated
 mousse, fenêtrée
 romas, fenestrada
 smussa, fenestrata



JANSEN

160 mm - 6 1/4"

17-1063

scharf
 sharp
 tranchante
 cortante
 acuta

EAR HOOKS



DAY		
160 mm - 6 1/4"	17-1064	17-1065



MUCK		
135 mm - 5 1/4"	17-1066	



GERZOG-SEXTON		
170 mm - 6 3/4"	17-1067	

EAR POLYPUS SNARES



	10 m - 33 ft.
0.2 mm Ø	17-1068
0.3 mm Ø	17-1069



0.2 mm Ø x 75 mm	17-1070
0.3 mm Ø x 100 mm	17-1071

in Bündeln mit 12 Stück
in bundles of 12 pieces
 en paquets de 12 pièces
en lios de 12 piezas
 pacchetto di 12 pezzi



KRAUSE
 160 mm - 6¼" **17-1072**



KRAUSE-VOSS
 160 mm - 6¼" **17-1073**



LANGE-WILDE
 170 mm - 6¾" **17-1074**

EAR FORCEPS



HARTMANN-WULLSTEIN

x = 85 mm - 3 1/4" **17-1075**



HARTMANN-WULLSTEIN

	1 mm Ø
x = 85 mm - 3 1/4"	17-1076



HARTMANN

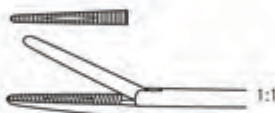
x = 85 mm - 3 1/4"	17-1077
x = 140 mm - 5 1/2"	17-1078
x = 160 mm - 6 1/4"	17-1079



HARTMANN

x = 85 mm - 3 1/4"	17-1080
x = 140 mm - 5 1/2"	17-1081

1x2



HARTMANN-NOYES

x = 90 mm - 3 1/2"	17-1082
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HARTMANN-WEINGÄRTNER

x = 85 mm - 3 1/4"	17-1086
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HARTMANN

	x = 85 mm - 3 1/4"
2.0 mm Ø	17-1087
2.5 mm Ø	17-1088
3.0 mm Ø	17-1089



1:1

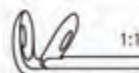
STRUEMPEL

	x = 85 mm - 3 1/4"
0°	17-1083



1:1

45°	17-1084
-----	----------------



1:1

90°	17-1085
-----	----------------

MICRO EAR FORCEPS



MINI MCGEE

a x b	x = 75 mm - 3°	x = 75 mm - 3°
3.5 mm x 0.6 mm	17-1090	17-1091

gerade, glatt
straight, smooth

droit, lisse
recta, lisa
retta, liscia

gerade, gerieft
straight, serrated

droit, strié
recta, estriada
retta, zigrinata

a x b	x = 75 mm - 3°	x = 75 mm - 3°	x = 75 mm - 3°
3.5 mm x 0.6 mm			17-1094
4.0 mm x 0.8 mm	17-1092	17-1093	17-1095

gerade, glatt
straight, smooth

droit, lisse
recta, lisa
retta, liscio

gerade, gerieft
straight, serrated

droit, strié
recta, estriada
retta, zigrinata

aufgebogen, gerieft
curved upwards, serrated

coudé en haut, strié
curvada arriba, estriada
curvata in alto, zigrinata

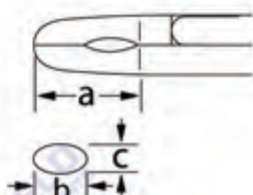
a x b	x = 75 mm - 3°	x = 75 mm - 3°	x = 75 mm - 3°
3.5 mm x 0.6 mm	17-1096	17-1098	17-1100
4.0 mm x 0.8 mm	17-1097	17-1099	17-1101

rechts gebogen, gerieft
curved to right, serrated
coudé à droite, strié
curvada a la derecha, estriada
curvata a destra, zigrinata

links gebogen, gerieft
curved to left, serrated
coudé à gauche, strié
curvada a la izquierda, estriada
curvata a sinistra, zigrinata

abwärts gebogen, gerieft
angled down, serrated
coudé en bas, strié
curvada a bajo, estriada
curvata in basso, zigrinata

MICRO EAR FORCEPS



1:1

1:1

1:1

	x = 75 mm - 3"	x = 75 mm - 3"	x = 75 mm - 3"
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	17-1102	17-1103	17-1104

gerade, oval
straight, oval
droit, ovale
recta, oval
retta, ovale

aufgebogen, oval
curved upwards, oval
coudé en haut, ovale
curvada arriba, oval
curvata in alto, ovale

links gebogen, oval
curved to left, oval
coudé à gauche, ovale
curvada a la izquierda, oval
curvata a sinistra, ovale

1:1

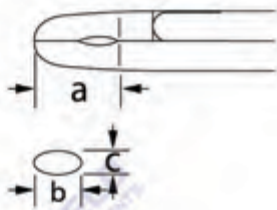
1:1

	x = 75 mm - 3"	x = 75 mm - 3"
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	17-1105	17-1106

rechts gebogen, oval
curved to right, oval
coudé à droite, ovale
curvada a la derecha, oval
curvata a destra, ovale

abwärts gebogen, oval
curved downwards, oval
coudé en bas, ovale
curvada a bajo, oval
curvata in basso, ovale

MICRO EAR FORCEPS



	x = 80 mm - 3/4"	x = 80 mm - 3/4"
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	17-1107	17-1109
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	17-1108	17-1110

gerade, oval
 straight, oval
 droit, ovale
 recta, oval
 retta, ovale

aufgebogen, oval
 curved upwards, oval
 coudé en haut, ovale
 curvada arriba, oval
 curvata in alto, ovale



	x = 80 mm - 3/4"	x = 80 mm - 3/4"
a = 3.5 mm b = 0.6 mm x c = 0.5 mm	17-1111	17-1113
a = 4.0 mm b = 1.0 mm x c = 0.9 mm	17-1112	17-1114

rechts gebogen, oval
 curved to right, oval
 coudé à droite, ovale
 curvada a la derecha, oval
 curvata a destra, ovale

links gebogen, oval
 curved to left, oval
 courbe à gauche, ovale
 curvada a la izquierda, oval
 curvata a sinistra, ovale

MICRO EAR FORCEPS



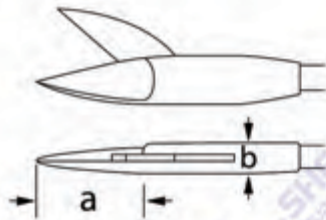
BELUCCI



a x b	x = 75 mm - 3°	x = 75 mm - 3°
4.0 mm x 0.8 mm	17-1115	17-1116
sehr fein very fine	gerade, spitz/spitz straight, sharp/sharp	aufgebogen, stumpf/stumpf curved upwards, blunt/blunt
très fine	droit, pointue/pointue	courbées en haut, mousse/mousse
muy fina	recta, aguda/aguda	curvada arriba, roma/roma
molto delicata	retta, acuta/acuta	curvata in alto, smussa/smussa



a x b	x = 75 mm - 3°	x = 75 mm - 3°
4.0 mm x 0.8 mm	17-1117	17-1118
sehr fein very fine	rechts gebogen, spitz/spitz curved to right, sharp/sharp	links gebogen, spitz/spitz curved to left, sharp/sharp
très fine	coudé à droite, pointue/pointue	coudée à gauche, pointue/pointue
muy fina	curvada a la derecha, aguda/aguda	curvada a la izquierda, aguda/aguda
molto delicata	curvata a destra, acuta/acuta	curvata a sinistra, acuta/acuta

a x b	x = 75 mm - 3°
4.0 mm x 0.8 mm	17-1119
sehr fein very fine	gerade, spitz/stumpf straight, sharp/blunt
très fine	droit, pointue/mousse
muy fina	recta, aguda/roma
molto delicata	retta, acuta/smussa

MICRO EAR FORCEPS






WULLSTEIN  1:1		WULLSTEIN  1:1	
a x b	x = 80 mm - 3/4"	x = 80 mm - 3/4"	
4.0 mm x 0.8 mm	17-1120	17-1121	
	gerade, spitz/spitz straight, sharp/sharp droit, pointue/pointue recta, aguda/aguda retta, acuta/acuta	aufgebogen, spitz/spitz curved upwards, sharp/sharp coudée en haut, pointue/pointue curvada arriba, aguda/aguda curvata in alto, acuta/acuta	

WULLSTEIN  1:1		WULLSTEIN  1:1	
a x b	x = 80 mm - 3/4"	x = 80 mm - 3/4"	
4.0 mm x 0.8 mm	17-1122	17-1123	
	rechts gebogen, spitz/spitz curved to right, sharp/sharp coudé à droite, pointue/pointue curvada a la derecha, aguda/aguda curvata a destra, acuta/acuta	links gebogen, spitz/spitz curved to left, sharp/sharp coudée à gauche, pointue/pointue curvado a la izquierda, aguda/aguda curvata a sinistra, acuta/acuta	

EAR SICKLEKNIVES - CURCULAR CUTTING KNIFE









ROSEN			
	 1:1	 1:1	 1:1
	1.5 mm Ø - 90°	45°	45°
160 mm - 6 1/4"	17-1124	17-1125	17-1126

Rundschnittmesser <i>Circular cutting knife</i> Couteau rond <i>Cuchillo redondo</i> Coltello rotondo	Trommelfellmesser <i>Tympanum knife</i> Couteau pour le tympan <i>Cuchillo para el timpano</i> Coltello per timpani	Lanzenmesser <i>Lancet knife</i> Couteau lancéolaire <i>Cuchillo lanceolado</i> Coltello lanceolato	Lanzenmesser <i>Lancet knife</i> Couteau lancéolaire <i>Cuchillo lanceolado</i> Coltello lanceolato
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SCHÜHKNECHT			
	 1:1	 1:1	
160 mm - 6 1/4"	17-1128	17-1129	

Rollermesser, parallel <i>Roller knife, parallel</i> Couteau à lame, tournante, verticale <i>Cuchillo redondo, vertical</i> Coltello rotondo, parallelo	Rollermesser, rechtwinklig <i>Roller knife, right angled</i> Couteau à lame, tournante, horizontale <i>Cuchillo redondo, horizontal</i> Coltello rotondo, orizzontale
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 1:1	 1:1
17-1130	17-1131
Sichelmesser, leicht gebogen <i>Sickle knife, slightly curved</i> Couteau faucille, légèrement courbe <i>Cuchillo de hoz, ligeramente curvado</i> Coltello a ferma di falce, leggermente curvo	Diszisionsmesser, gerade <i>Discision knife, straight</i> Couteau à discision, droit <i>Cuchillo de discición, recto</i> Coltello di dissezione, retto

PLESTER		ZÖLLNER	
 1:1	 1:1	 1:1	 1:1
160 mm - 6 1/4"	17-1132	45°	160 mm - 6 1/4"
Lappenmesser <i>Flap knife</i> Couteau à lambeaux <i>Cuchillo para lobulos</i> Coltello per stacci	3.0 mm Ø 17-1133	3.0 mm Ø	1 mm
	2.6 mm Ø 17-1134	2.6 mm Ø	1 mm
	2.0 mm Ø 17-1135	2.0 mm Ø	160 mm - 6 1/4"
	1.5 mm Ø 17-1136	1.5 mm Ø	17-1138
	1.0 mm Ø 17-1137	1.0 mm Ø	17-1139

Rundschnittmesser <i>Circular cutting knife</i> Couteau rond <i>Cuchillo redondo</i> Coltello rotondo	Raspatorium <i>Raspatory</i> Rugine <i>Raspatorio</i> Raspatorio	Raspatorium <i>Raspatory</i> Rugine <i>Raspatorio</i> Raspatorio
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MICRO EAR-NEEDLES & HOOKS



160 mm - 6/4°
17-1140

Nadel fein, gerade, spitz
Needle fine, straight, sharp
 Aiguille fine, droite, pointu
 Aguja fina, recta, aguda
 Ago fino, retto, acuto



160 mm - 6/4°
17-1141

Nadel, leicht gebogen, spitz
Needle, slightly curved, sharp
 Aiguille, légèrement courbe, pointue
 Aguja, ligeramente curva, aguda
 Ago, legeremente curvato, acuto



160 mm - 6/4°
17-1142

Nadel, stark gebogen, spitz
Needle, strong curved, sharp
 Aiguille, très courbe, pointue
 Aguja, muy curvada, aguda
 Ago, fortemente curvato, acuto



SHAMBAUGH

	160 mm - 6/4°	160 mm - 6/4°
	45°	90°
0.4 mm	17-1143	17-1147
0.6 mm	17-1144	17-1148
0.8 mm	17-1145	17-1149
1.0 mm	17-1146	17-1150

Häkchen, abgewinkelt
Hook, angled
 Crochet, coudé
 Gancho, acodado
 Uncino, angolato

	160 mm - 6/4°
1.0 mm	17-1151
2.5 mm	17-1152

Häkchen, retrograd gebogen
Hook, retrograd
 Crochet, courbe retrograde
 Gancho, acodado, retrogrado
 Uncino, curvato reterogrado

	160 mm - 6/4°
0.6 mm	17-1153

Häkchen, retrograd gebogen
Hook, retrograd
 Crochet, courbe retrograde
 Gancho, acodado, retrogrado
 Uncino, curvato reterogrado



PLESTER
 0.4 mm - 90° **17-1154**

Fussplattenhäkchen, abgewinkelt, stumpf
Foot plate hook, angled, blunt
 Crochet pour la platine de l'étrier, mousse
 Gancho, para placa de aido, roma
 Uncino per placca di piede, smusso



PLESTER
 1.0 mm - 45° **17-1155**

Antrum Häkchen, aufgewinkelt, stumpf
Antrum hook, angled, blunt
 Crochet pour l'antrum, coudé, mousse
 Gancho para el antrum, acodado, roma
 Uncino per antrum, angolato in alto, smusso

BARBARA

17-1156	17-1157	17-1158	17-1159
spitz/gerade <i>sharp/straight</i>	stumpf/gewinkelt <i>blunt/angled</i>	spitz/leicht gebogen <i>sharp/slightly curved</i>	spitz/stark gebogen <i>sharp/strong curved</i>
pointue/droite <i>aguda/recta</i> acuto/retta	mousse/coudée <i>roma/angulada</i> smusso/angolato	pointue/légèrement courbe <i>aguda/ligeramente curva</i> acuto/legeremente curvato	pointue/très courbe <i>aguda/muy curva</i> acuto/fortemente cu

MICRO EAR-NEEDLES & HOOKS



SHAMBAUGH

	160mm - 6/8"	160mm - 6/8"
	90°	90°
0.3 mm	17-1160	17-1163
0.6 mm	17-1161	17-1164
1.0 mm	17-1162	17-1165

Häkchen, nach oben gebogen
Hook, curved up

Crochet, coudé en haut
Gancho, curvado arriba
 Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down

Crochet, coudé en bas
Gancho, curvado a bajo
 Uncino, curvato in basso

McGEE

	160mm - 6/8"	160mm - 6/8"
0.5 mm	17-1166	17-1168
1.0 mm	17-1167	17-1169

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

Crochet, courbé ronde, vers le haut
Gancho, redondo, curvado arriba
 Uncino, rotondo, curvato in alto

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

Crochet, courbé ronde vers le bas
Gancho, redondo, curvado arriba
 Uncino, rotondo, curvato in basso

BARBARA

	0.5 mm
155 mm - 6°	17-1170

ROSEN

	0.5 mm
160 mm - 6/8"	17-1171

Nadel, leicht gebogen
Needle, slightly curved

Aiguille, légèrement courbée
Aguja, ligeramente curvado
 Ago, legermente curvato

McGEE

	160mm - 6/8"	160mm - 6/8"	160mm - 6/8"	160mm - 6/8"
	25°	25°	45°	45°
0.3 mm	17-1172	17-1175	17-1178	17-1181
0.6 mm	17-1173	17-1176	17-1179	17-1182
1.0 mm	17-1174	17-1177	17-1180	17-1183

Häkchen, nach oben gebogen
Hook, curved up

Crochet, coudé en haut
Gancho, curvado arriba
 Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down

Crochet, coudé en bas
Gancho, curvado a bajo
 Uncino, curvato in basso

Häkchen, nach oben gebogen
Hook, curved up

Crochet, coudé en haut
Gancho, curvado arriba
 Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down

Crochet, coudé en bas
Gancho, curvado a bajo
 Uncino, curvato in basso

MICRO EAR SPOONS



HOUSE

170 mm - 6 3/4"	17-1184
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Löffel, stark gebogen

Spoon, strong curved

Curette, fortement coudée

Cureta, muy curvada

Cucchaio, fortemente curvato

170 mm - 6 3/4"	17-1185
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Löffel, leicht gebogen

Spoon, slightly curved

Curette, légèrement coudée

Cureta, ligeramente curvada

Cucchaio, legeremente curvato



1:1



1:1

SHEA

	1.5 mm x 2.5 mm	1.5 mm x 2.5 mm
160mm - 6 1/4"	17-1186	17-1187

gerade
straight

droits
recta

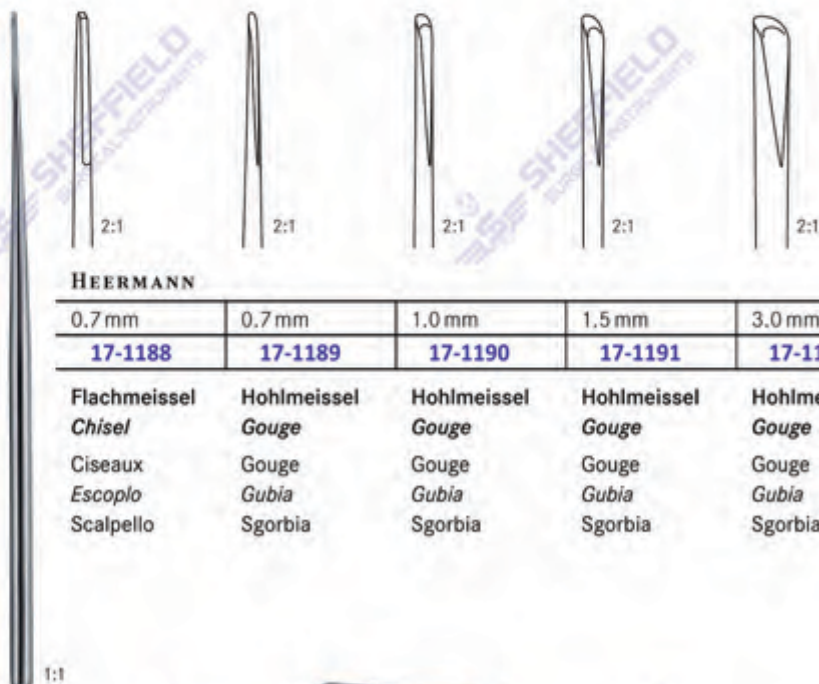
retto

gebogen
curved

courbe
curva

curvo

MICRO EAR -CHISELS & HAMMERS



HEERMANN

0.7 mm	0.7 mm	1.0 mm	1.5 mm	3.0 mm
17-1188	17-1189	17-1190	17-1191	17-1192
Flachmeissel <i>Chisel</i>	Hohlmeissel <i>Gouge</i>	Hohlmeissel <i>Gouge</i>	Hohlmeissel <i>Gouge</i>	Hohlmeissel <i>Gouge</i>
Ciseaux <i>Escoplo</i>	Gouge <i>Gubia</i>	Gouge <i>Gubia</i>	Gouge <i>Gubia</i>	Gouge <i>Gubia</i>
Scalpello	Sgorbia	Sgorbia	Sgorbia	Sgorbia



COTTLE

	240 g
185 mm - 7 1/4"	17-1193

Hammer, Metall
Metal hammer
Maillet en métal
Martillo, de metal
Martello, acciaio



HEERMANN

17-1194

Handgriff für Meissel (tk 50579-01 – tk 50579-05)
Handle for chisels (tk 50579-01 – tk 50579-05)
Manche pour ciseaux (tk 50579-01 – tk 50579-05)
Mango para escoplos (tk 50579-01 – tk 50579-05)
Manico per scalpelli/sgorbie (tk 50579-01 – tk 50579-05)

EAR RASPATORIES



WULLSTEIN

160mm - 6 1/4"	17-1195	17-1196
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gerade	gebogen
straight	curved
droite	courbe
recta	curva
rette	curvo



ROSEN

	1.5 mm
175 mm - 7"	17-1197

bajonettförmig
bayonet shaped
 en forme de baionette
 en forma de bayoneta
 forma a baionetta



LEMPERT

17-1198
160mm - 6 1/4"
3.0 mm

BONE RONGEURS



CITELLI		
170 mm - 6¾"	2.2 mm	3.0 mm
x = 60 mm	17-1199	17-1200



KERRISON				
200 mm - 8"	3 x 3 mm	4 x 4 mm	5 x 5 mm	6 x 6 mm
x = 80 mm	17-1201	17-1202	17-1203	17-1204

BURRS

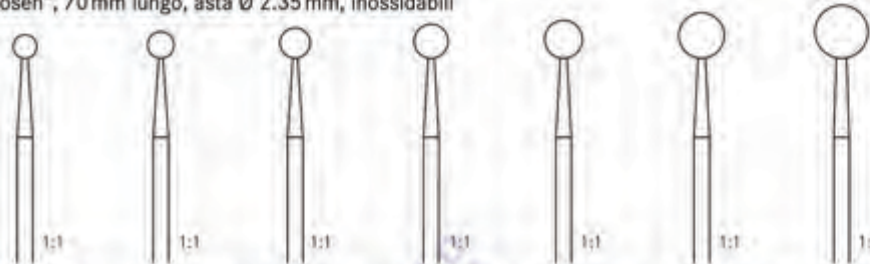


„ROSEN“-BOHRER

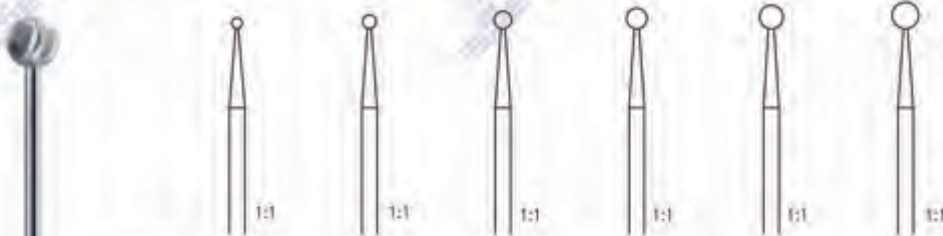
	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2 3/4"	17-1205	17-1206	17-1207	17-1209	17-1209	17-1210	17-1211	17-1212

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

Fraises de «Rosen», 70 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas "Rosen", largo 70 mm, vástago-Ø 2.35 mm, inoxidable
 Perforatori "Rosen", 70 mm lungo, asta Ø 2.35 mm, inossidabili



	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 3/4"	17-1213	17-1214	17-1215	17-1216	17-1217	17-1218	17-1219

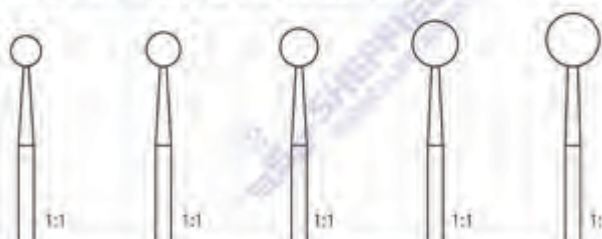


„ROSEN“-BOHRER

	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 3/4"	17-1220	17-1221	17-1222	17-1223	17-1224	17-1225

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

Fraises de «Rosen», 95 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas "Rosen", largo 95 mm, vástago-Ø 2.35 mm, inoxidable
 Perforatori "Rosen", 95 mm lungo, asta Ø 2.35 mm, inossidabili



	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3 3/4"	17-1226	17-1227	17-1228	17-1229	17-1230

BURRS



DIAMANTBOHRER

	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 3/4"*	17-1231	17-1232	17-1233	17-1234	17-1235	17-1236	17-1237	17-1238

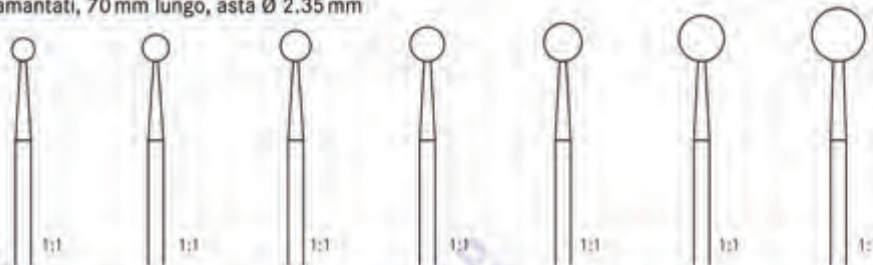
Diamantbohrer, 70 mm lang, Schaft-Ø 2.35 mm

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

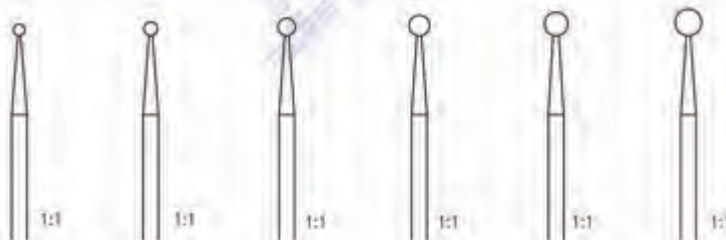
Fraises à polir, diamantées, 70 mm de long, Ø de tige 2.35 mm

Brocas diamantadas, largo 70 mm, vástago-Ø 2.35 mm

Perforatori diamantati, 70 mm lungo, asta Ø 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 3/4"*	17-1239	17-1240	17-1241	17-1242	17-1243	17-1244	17-1245



DIAMANTBOHRER

	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 3/4"*	17-1246	17-1247	17-1248	17-1249	17-1250	17-1251

Diamantbohrer, 95 mm lang, Schaft-Ø 2.35 mm

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

Fraises à polir, diamantées, 95 mm de long, Ø de tige 2.35 mm

Brocas diamantadas, largo 95 mm, vástago-Ø 2.35 mm

Perforatori diamantati, 95 mm lungo, asta Ø 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 3/4"*	17-1252	17-1253	17-1254	17-1255	17-1256

NASAL SPECULA



**THUDICHUM
(GOLDSMITH)**

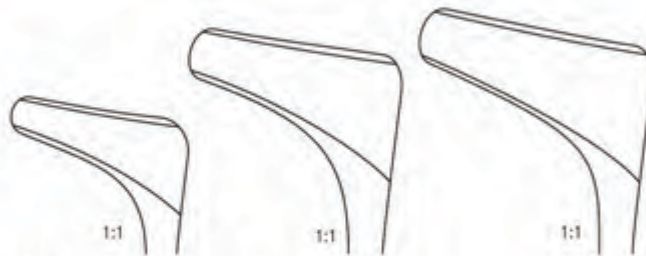


	Fig. 5	Fig. 6	Fig. 7
	19 mm x 9.5 mm	20 mm x 10.5 mm	21 mm x 11.5 mm
65 mm - 2½"	17-1257	17-1258	17-1259



HARTMANN

160 mm - 6¼"	17-1260	17-1261	17-1262
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HARTMANN-HALLE

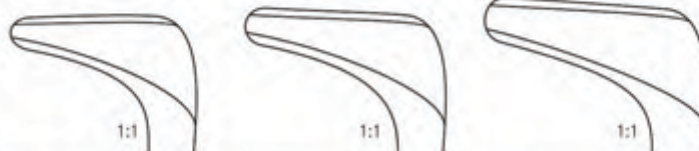
150 mm - 6"	17-1263	17-1264	17-1265
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NASAL SPECULA



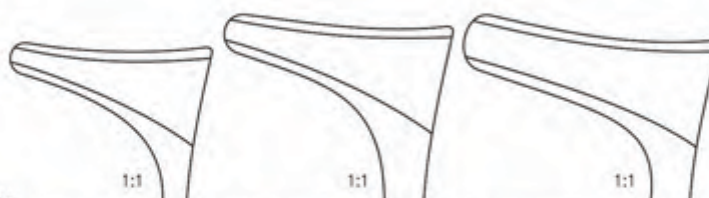
BECKMANN

150 mm - 6"	17-1266	17-1267	17-1268
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MOD. WIEN

145 mm - 5 7/8"	17-1269	17-1270	17-1271
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NASAL POLYPUS & SEPTUM FORCEPS


WESTMACOTT

200 mm - 8"	17-1272
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LUBET-BARBON

200 mm - 8"	17-1273
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HARTMANN

160 mm - 6 1/4"	17-1274
200 mm - 8"	17-1275

Nasentamponzange
Nasal dressing forceps

Pince à pansement pour le nez
 Pinza nasale para tamponiamento
 Pinza per tamponamento nasale


NOYES

x = 110 mm - 3 1/2"	17-1276
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1x2

NASAL POLYPUS



HEYMANN

180 mm - 7"



17-1277

17-1278

17-1279

1:2



LITTAUER

180 mm - 7"

1:1

1:2

17-1280



KNIGHT

180 mm - 7"

1:1

1:2

17-1281

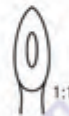
NASAL CUTTING FORCEPS


BRUENINGS

190 mm - 7½"



	17-1282	17-1283	17-1284	17-1285
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WEIL

WATSON-WILLIAMS


x = 120 mm - 4¾"

	17-1286	17-1287	17-1288
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NASAL CUTTING FORCEPS



SCHMEDEN

x = 120 mm - 4 1/4"



1:1



1:1



1:1



1:1

TOMATI

x = 120 mm - 4 1/4" **17-1292**



1:1

STRUYCKEN

	0.9 mm	1.2 mm
x = 120 mm - 4 1/4"	17-1293	17-1294



1:1

HENKE

x = 120 mm - 4 1/4" **17-1295**

Nasenschere | **Ciseaux nasales**
Nasal scissors | **Tijera nasal**
Forbice nasale

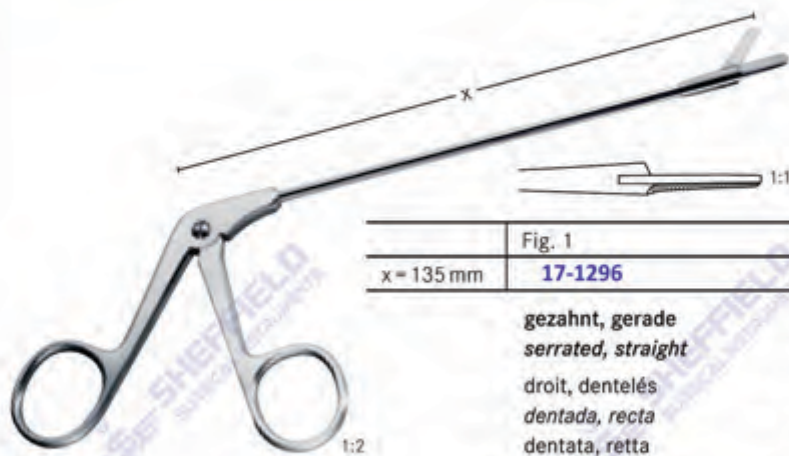


	Fig. 1	Fig. 2	Fig. 3
x = 135 mm	17-1296	17-1297	17-1298

gezahnt, gerade
serrated, straight
droit, dentelés
dentada, recta
dentata, retta

gezahnt, rechts
serrated, right
dentelés, droites
dentada, derecha
dentata, destra

gezahnt, links
serrated, left
dentelés, gauche
dentada, izquierda
dentata, sinistra

NASAL CUTTING FORCEPS



	y = 4 mm
x = 100 mm - 4"	17-1299

45° vertikal, doppelt beweglich
 45° vertical, double action
 45° vertical, double action
 45° vertical, doble acción
 45° verticale, doppio movimento



	y = 4 mm
x = 100 mm - 4"	17-1300

45° hor., doppelt beweglich, kurz
 45° hor., double action, short
 45° hor., double action, court
 45° hor., acción doble, corto
 45° oriz., movimento, corta

	y = 4 mm
x = 100 mm - 4"	17-1301

45° vertikal, einfach beweglich, kurz
 45° vertical, single action, short short
 45° vertical, action simple, court
 45° vertical, acción simple, corto
 45° verticale, movimento singolo, corta



	y = 4 mm
x = 100 mm - 4"	17-1302

70° vertikal, doppelt beweglich
 70° vertical, double action
 70° vertical, double action
 70° vertical, doble acción
 70° verticale, doppio movimento



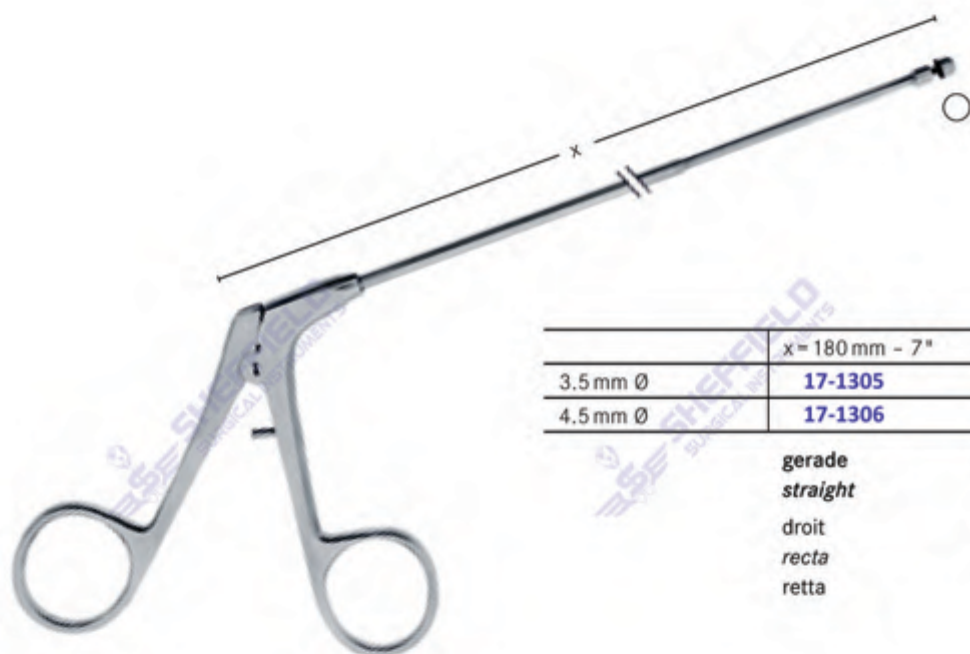
	y = 4 mm
x = 100 mm - 4"	17-1303

70° hor., doppelt beweglich, kurz
 70° hor., double action, short
 70° hor., double action, court
 70° hor., acción doble, corto
 70° oriz., movimiento, corta

	y = 4 mm
x = 100 mm - 4"	17-1304

70° vertikal, einfach beweglich, kurz
 70° vertical, single action, short short
 70° vertical, action simple, court
 70° vertical, acción simple, corto
 70° verticale, movimento singolo, corta

CIRCULAR FORCEPS



	x = 180 mm - 7"	x = 180 mm - 7"
3.5 mm Ø	17-1305	17-1307
4.5 mm Ø	17-1306	17-1308

gerade
straight

droit
recta
retta

aufgebogen
curved upwards

coudé en haut
curvada arriba
curvata in alto

ANTRUM PUNCH



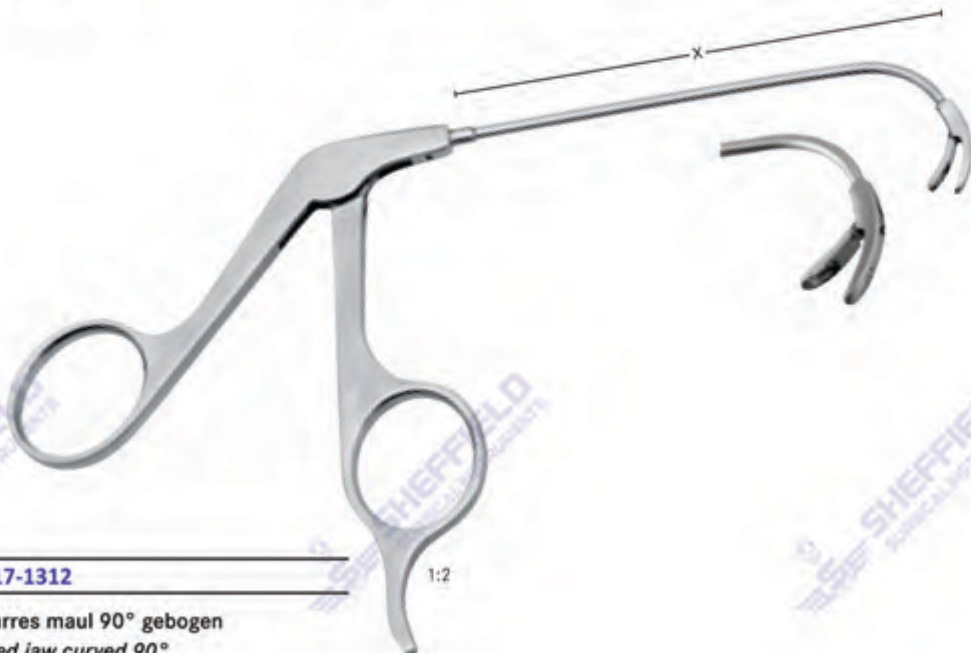
1:1

x = 100 mm	Fig. 1	Fig. 2	Fig. 3
1.5 mm x 4.5 mm	17-1309	17-1310	17-1311

rückwärts nach oben schneidend
backward, up-cutting
 retrograde coupe en haut
retrograda corte arriba
 retrograda tagliente in alto

rückwärts nach rechts schneidend
backward, cut to the right
 retrograde coupe à droite
retrograda corte a la derecha
 retrograda tagliente a destra

rückwärts nach links schneidend
backward, cut to the left
 retrograde coupe à gauche
retrograda corte a la izquierda
 retrograda tagliente a sinistra



1:2

HEUWIESER

x = 100 mm	17-1312
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starres maul 90° gebogen
fixed jaw curved 90°
 morso fix, courbe de 90°
boca fija, curva de 90°
 morsi fissi curvi 90°

SPHENOID BONE PUNCHES






HAJEK-CLAUS
200 mm - 8"
17-1313



CITELLI	 1:1	 1:1
	170 mm - 6¾"	2.2 mm
x = 60 mm	17-1314	17-1315



KERRISON

	 1:1	 1:1	 1:1
x = 90 mm - 3½"	4 mm x 4 mm	5 mm x 5 mm	6 mm x 6 mm
200 mm - 8"	17-1316	17-1317	17-1318

NASAL POLYPUS SNARES



0.3 mm Ø x 100 mm **17-1319**

in Bündeln mit 12 Stück
in bundles of 12 pieces
en paquets de 12 pièces
en liós de 12 piezas
pacchetto di 12 pezzi



KRAUSE

260 mm - 10 1/4" **17-1320**



KRAUSE-VOSS

260 mm - 10 1/4" **17-1321**

mit 2 Aufsätzen
with 2 inserts
avec 2 guide-anses
con 2 guías
con 2 guide ansa



LANGE-WILDE

240 mm - 9 1/2" **17-1322**

CERVICAL TRACTION TONGS



CRUTCHFIELD

17-1323



	3.5 mm Ø	5.0 mm Ø
17-1324	x	x



CRUTCHFIELD

17-1325

Satz à 2 Stück für tk 24900-00 und tk 24901-00

Set of 2 pieces for tk 24900-00 and tk 24901-00

Jeu à 2 pièces pour tk 24900-00 et pour tk 24901-00

Juego con 2 piezas para tk 24900-00 y para tk 24901-00

Completo con 2 pezzi per tk 24900-00 e per tk 24901-00



17-1326

grosses Modell, für Extension der Halswirbel – kein Vorbohren erforderlich – Dorne verstellbar

large type, cervical traction tongs – pins adjustable no drilling to be done

modèle large, distracteur cervicale – poinçons ajustables pas de perçage nécessaire

modelo grande, distractor cervical – espigas ajustables sin necesidad de trepanar

modello grande, distrattore cervicale, pin aadjustabili, non necessita di perforare, regolabili

17-1327

Ersatzdorn für tk 24903-00

Spare pin for tk 24903-00

Goupille de rechange pour tk 24903-00

Pivote de cambio para tk 24903-00

Punta di ricambio tk 24903-00



17-1328

Gabelschlüssel, doppelendig zu tk 24903-00

Wrench, double-ended for tk 24903-00

Clé de fixation, pour tk 24903-00

Llave de tuercas, para tk 24903-00

Chiave per tk 24903-00



TONSIL KNIVES



FREER

210 mm - 8 1/4"	17-1329	17-1330
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200 mm - 8"

17-1331

Sichelmesser
Sickle knife

Couteau à faucille
Cuchillo falciforme
Coltello a forma di falce



BRUENINGS

230 mm - 9"	17-1332
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ABRAHAM

220 mm - 8 3/4"	17-1333
-----------------	----------------

FISCHER

230 mm - 9"	17-1334
-------------	----------------

200 mm - 8"	17-1335
-------------	----------------

scharf
sharp
tranchant
cortante
acuto

ANTRUM CURETTES



200 mm - 8"	200 mm - 8"
17-1336	17-1337



1:1

200 mm - 8"
7 mm x 11 mm
17-1338



1:1



PRATT
210 mm - 8 1/4"
17-1339



1:1



FAULKNER
210 mm - 8 1/4"
17-1340



1:1



COAKLEY
200 mm - 8"
17-1341



1:2

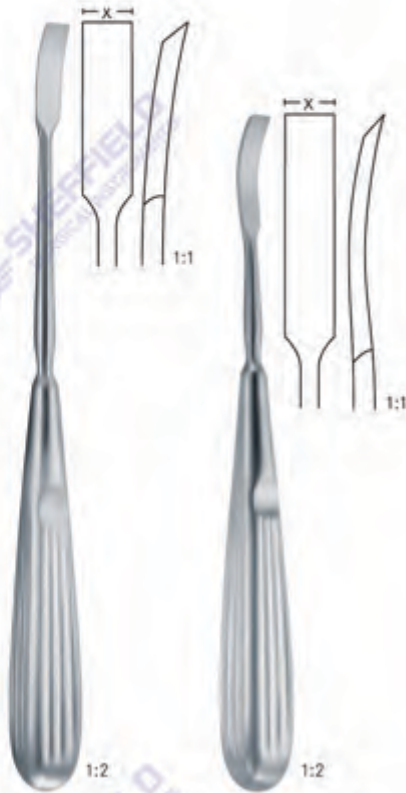


COAKLEY

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170 mm - 6 3/4"	17-1343	17-1344	17-1345	17-1346	17-1347	17-1348
17-1342	x	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie

SEPTUM ELEVATORS- RASPATORIES


LEMPERT

	205 mm - 8"	180 mm - 7"
x = 6 mm	17-1349	17-1350


FREER

	x = 4 mm
160 mm - 6 1/4"	17-1351

COTTLE

	x = 8 mm
190 mm - 7 1/2"	17-1352

scharf
 sharp
 tranchant
 cortante
 acuta


JOSEPH

	x = 5 mm
160 mm - 6 1/4"	17-1353

Periost Elevatorien
 Periostal elevators
 Périostotome
 Periostotomo
 Periostotomo

1:2


SEWALL

200 mm - 8"	17-1354
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Antrum Elevatorium
 Antrum elevator
 Elévateur pour le fosse nasale
 Elevador para el antro
 Elevatore per antro

1:2


HALLE

160 mm - 6 1/4"	17-1355
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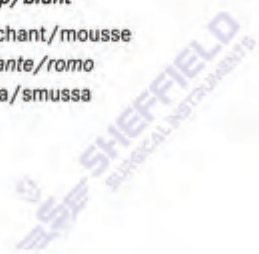
1:2

SEPTUM ELEVATORS- RASPATORIES



KILLIAN	x = 4 mm
180 mm - 7"	17-1356

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



KILLIAN	x = 4.5 mm
230 mm - 9"	17-1357

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



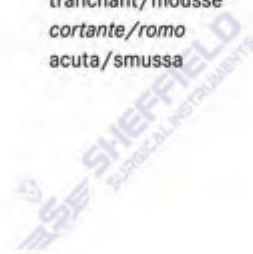
FREER	190 mm - 7½"	17-1358
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stumpf
blunt
mousse
romo
smussa

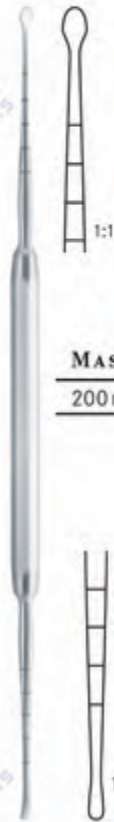


FREER	180 mm - 7"	17-1359
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scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



PERIOSTEAL ELEVATORS



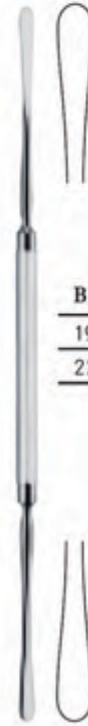
MASING

200 mm - 8"	17-1360
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1:2



1:1



BALLENGER-HAJEK

190 mm - 7 1/4"	17-1361
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220 mm - 8 3/4"	17-1362
-----------------	----------------



COTTLE

220 mm - 8 3/4"	17-1363
-----------------	----------------

1:2



1:1



COTTLE

210 mm - 8 1/4"	17-1364
-----------------	----------------

1:2



1:1

SEPTUM ELEVATORS



1:2

BOIES

190 mm - 7½"	17-1365
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Nasenfraktur Elevatorium, stumpf
Nasal fracture elevator, blunt

Elévateur pour fractures nasales, mousse
Elevador para fracturas nasales, romas
Elevatore per fratture nasali, smussa



1:2

GOLDMAN

170 mm - 6¾"	17-1366
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Septumfraktur Elevatorium
Septum displacer

Elévateur pour fractures de la cloison nasale
Elevador para fracturas del tabique nasal
Elevatore per fratture del setto



1:1

2.5 mm



1:1

2.7 mm



2.0 mm



2.0 mm

WATSON-CHEYNE

130 mm - 5"	190 mm - 7½"
17-1367	17-1368

Raspatorium
Raspatory

Rugine
Raspatorio
Periostotomo



1:2



1:1

1:1

17-1369

195 mm - 8¾"

Ø 2.3 / 2.6 mm

NASAL SAWS



1:2



1:2

JOSEPH

190 mm - 7½"	190 mm - 7½"
17-1370	17-1371



1:2

JOSEPH

190 mm - 7½"
17-1372



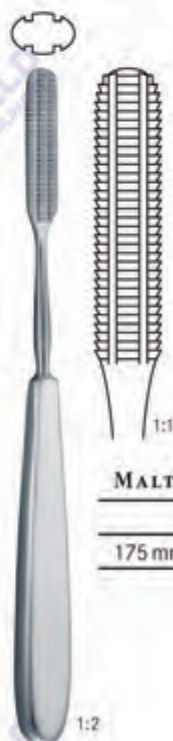
1:2

1:2

JOSEPH

170 mm - 6¾"	170 mm - 6¾"
17-1373	17-1374

NASAL RASPS



MALTZ

	40 mm x 9 mm
175 mm - 7"	17-1375



WIENER

	Ø 3.5 mm	Ø 3.5 mm
180 mm - 7"	17-1376	17-1377

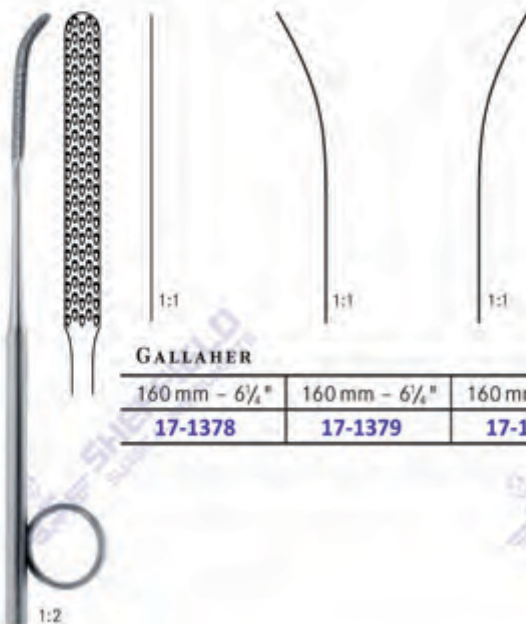
Antrum Raspeln

Antrum rasps

Râpes pour le fosse nasale

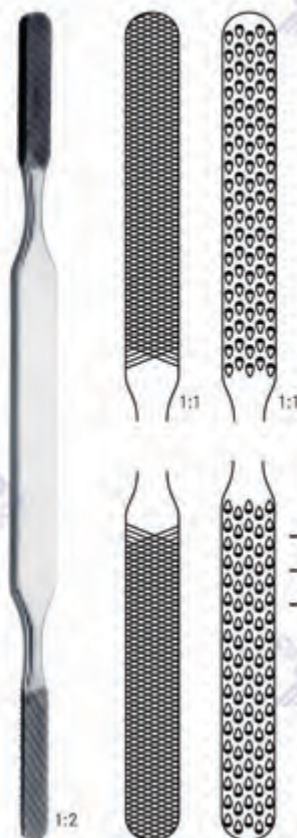
Limas para el antrum

Raspe per antrum



GALLAHER

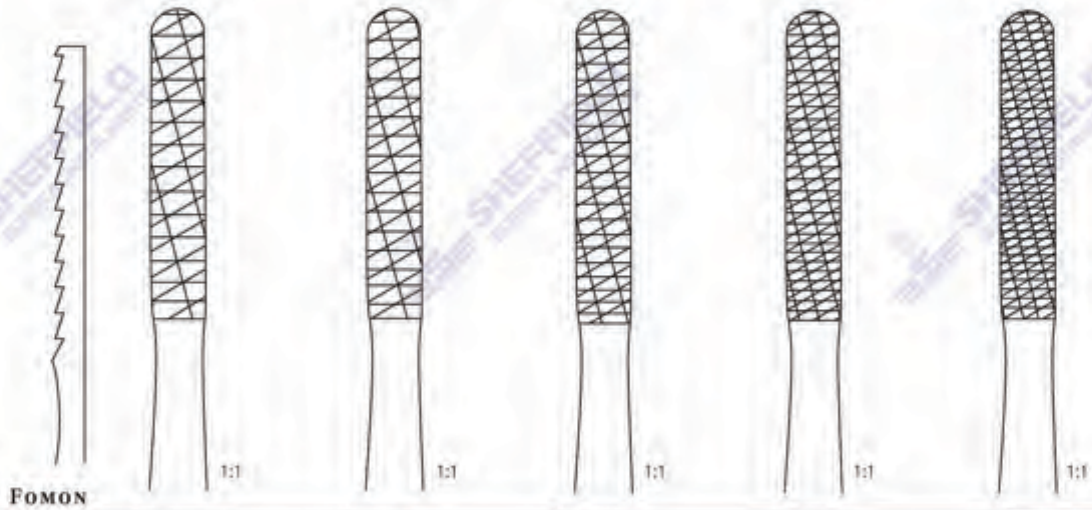
160 mm - 6 1/4"	160 mm - 6 1/4"	160 mm - 6 1/4"
17-1378	17-1379	17-1380



FOMON

210 mm - 8 1/4"
17-1381

RASPS WITH TUNGSTEN CARBIDE



FOMON	Fig. 1	Fig. 3	Fig. 5	Fig. 7	Fig. 9
	12	16	24	36	52

Zähne
 Teeth
 Dentes
 Dientes
 Denti

200 mm - 8"	17-1382	17-1383	17-1384	17-1385	17-1386
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FOMON TC	Fig. 2	Fig. 4	Fig. 6	Fig. 8	Fig. 10
	14	20	30	44	62

Zähne
 Teeth
 Dentes
 Dientes
 Denti



1:1

RASPS WITH TUNGSTEN CARBIDE

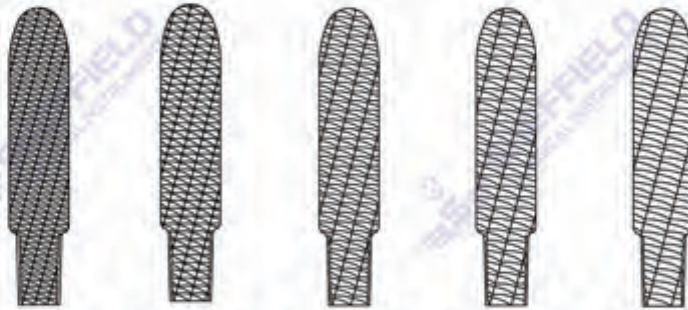


Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
17-1387	17-1388	17-1389	17-1390	17-1391

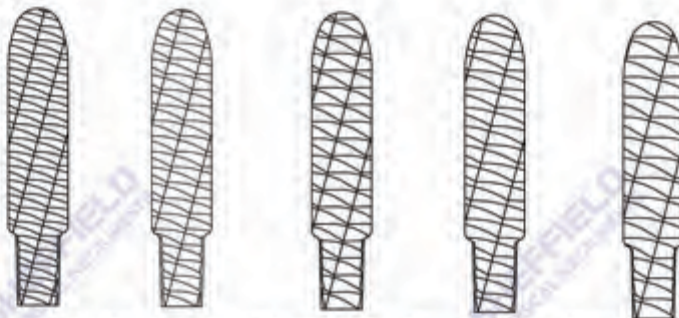


Fig. 6	Fig. 7	Fig. 8	Fig. 9	Fig. 10
17-1392	17-1393	17-1394	17-1395	17-1396



auswechselbar
interchangeable
interchangeables
intercambiabiles
intercambiabili



1:2



1:2

135 mm - 5"

17-1397

17-1398



1:2

70 mm - 2 3/4"

17-1399

SEPTUM FORCEPS



COTTLE-WALSHAM

230 mm - 9"	17-1400	17-1401	17-1402
gerade straight		links left	rechts right
droit recta rette		à gauche izquierda a sinistra	à droite derecha a destra



ASCH

230 mm - 9"	17-1403
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ADENOID CURETTES



1:2

ST. CLAIR-THOMSON

210 mm - 8 1/4"



1:1



1:1



1:1



1:1

	17-1404	17-1405	17-1406	17-1407
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1:2

BARNHILL

220 mm - 8 3/4"



1:1



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	17-1408	17-1409	17-1410	17-1411

ADENOID CURETTES


BECKMANN

220 mm - 8 3/4"	17-1412	17-1413	17-1414
-----------------	----------------	----------------	----------------

gerade
straight
 droit
recto
 rette

220 mm - 8 3/4"	17-1415	17-1416	17-1417
-----------------	----------------	----------------	----------------

gebogen
curved
 courbe
curvo
 curve



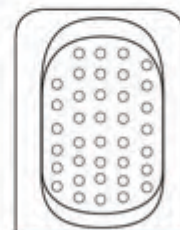
220 mm - 8 3/4"	17-1418	17-1419	17-1420
-----------------	----------------	----------------	----------------

gerade
straight
 droit
recto
 rette

220 mm - 8 3/4"	17-1421	17-14122	17-1423
-----------------	----------------	-----------------	----------------

gebogen
curved
 courbe
curvo
 curve

ADENOID CURETTES



LA FORCE

Fig. 1		Fig. 2		Fig. 3	
250 mm - 7"		250 mm - 7"		250 mm - 7"	
17-1424	17-1425	17-1426	17-1427	17-1428	17-1429
250 mm - 9 3/4"		250 mm - 9 3/4"		250 mm - 9 3/4"	

17-1430	17-1431	17-1432	17-1433	17-1434	17-1435
----------------	----------------	----------------	----------------	----------------	----------------

Ersatzklingen

Spare blades

Lames de rechange

Hojas de cambio

Lame di ricambio

1:2

MOUTH GAGS



WHITEHEAD	
110 mm - 4 1/4"	17-1436
130 mm - 5"	17-1437
150 mm - 6"	17-1438



JENNINGS	
90 mm - 3 1/2"	17-1439
110 mm - 4 1/4"	17-1440
130 mm - 5"	17-1441
150 mm - 6"	17-1442



MAUNDER	
	4 mm Ø
100 mm - 4"	17-1443

Holz
Wood
Bois
Madera
Legno

1:2



HEISTER	
130 mm - 5"	17-1444

1:2

MOUTH GAGS



DINGMANN

145 mm - 5 7/8"	17-1445
-----------------	----------------

Komplett mit Rahmen, 3 Zungenspateln und 2 beweglichen Seitenvalven
Complete with frame, 3 tongue depressors and 2 adjustable lateral blades

Complet avec cadre, 3 abaisse-langues et 2 valves latérales réglables

Completo con bastidor, 3 bajalenguas y 2 valvas laterales ajustables

Completo con telaio, 3 abassalingua e 2 valve laterali movibili

1:3



55 x 25 mm

17-1446



60 x 27 mm

17-1447



70 x 30 mm

17-1448

MOUTH GAGS



NEGUS

	Fig. 1	Fig. 2	Fig. 3	
	20 mm x 70 mm	30 mm x 80 mm	33 mm x 95 mm	
	17-1449	17-1450	17-1451	17-1452

Griff
 Handle
 Manche
 Mango
 Manico

17-1453	x	x	x	x
----------------	---	---	---	---

komplett
 complete
 complet
 completa
 completa

MOUTH GAGS



DAVIS-BOYLE

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	17-1454	17-1455	17-1456	17-1457	17-1458	17-1459
	21 mm x 26 mm	23 mm x 65 mm	24 mm x 80 mm	25 mm x 93 mm	26 mm x 108 mm	

Griff, beweglich
Handle, movable
Manche, mobile
Mango, movil
Manico, girevole

17-1460	x	x	x	x	x	x
----------------	---	---	---	---	---	---

komplett, für Erwachsene
complete, for adults
complet, pour adultes
completa, para adultas
completa, per adulti

DAVIS-BOYLE

	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
	17-1461	17-1462	17-1463	17-1464	17-1465	17-1466
	17 mm x 26 mm	19 mm x 46 mm	20 mm x 58 mm	22 mm x 71 mm	22 mm x 80 mm	

Griff, beweglich
Handle, movable
Manche, mobile
Mango, movil
Manico, girevole

17-1467	x	x	x	x	x	x
----------------	---	---	---	---	---	---

komplett, für Kinder
complete, for children
complet, pour enfants
completa, niños
completa, per bambini

LARYNGEAL MIRRORS

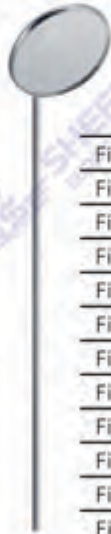


Fig. 00	8 mm Ø	17-1468
Fig. 0	10 mm Ø	17-1469
Fig. 1	12 mm Ø	17-1470
Fig. 2	14 mm Ø	17-1471
Fig. 3	16 mm Ø	17-1472
Fig. 4	18 mm Ø	17-1473
Fig. 5	20 mm Ø	17-1474
Fig. 6	22 mm Ø	17-1475
Fig. 7	24 mm Ø	17-1476
Fig. 8	26 mm Ø	17-1477
Fig. 9	28 mm Ø	17-1478
Fig. 10	30 mm Ø	17-1479



100 mm - 4"
17-1480

1:2

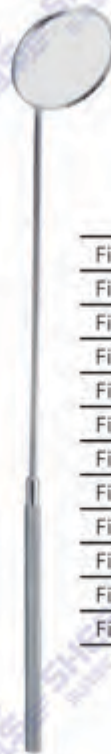


Fig. 00	8 mm Ø	17-1481
Fig. 0	10 mm Ø	17-1482
Fig. 1	12 mm Ø	17-1483
Fig. 2	14 mm Ø	17-1484
Fig. 3	16 mm Ø	17-1485
Fig. 4	18 mm Ø	17-1486
Fig. 5	20 mm Ø	17-1487
Fig. 6	22 mm Ø	17-1488
Fig. 7	24 mm Ø	17-1489
Fig. 8	26 mm Ø	17-1490
Fig. 9	28 mm Ø	17-1491
Fig. 10	30 mm Ø	17-1492



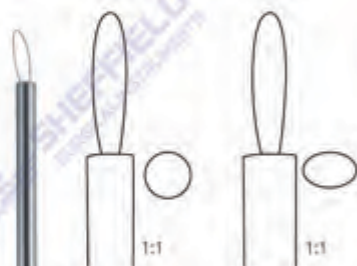
MICHEL

	250 mm - 9¾"
12 mm Ø	17-1493
14 mm Ø	17-1494
16 mm Ø	17-1495
18 mm Ø	17-1496

Spiegel beweglich
moveable mirror

miroir mobile
esepejo movable
specchio mobile

TONSIL SNARES



EVES

280 mm - 11"	280 mm - 11"
17-1497	17-1498

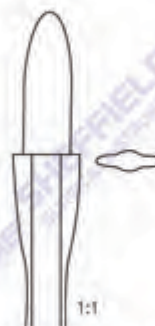
Für offene Schlingen
for open loops
pour anses ouvertes
para asas abiertas
per anse aperte



EVES

280 mm - 11"
17-1499

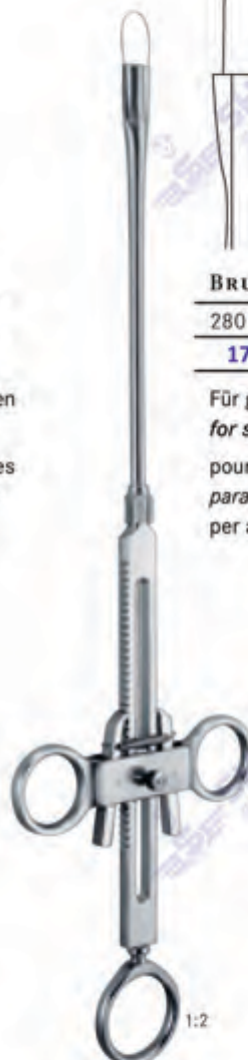
Für offene Schlingen
for open loops
pour anses ouvertes
para asas abiertas
per anse aperte



BRUENINGS

280 mm - 11"
17-1500

Für geschlossene Schlingen
for soldered loops
pour anses soudées
para asas cerradas
per anse saldate



0.4 mm Ø, 40 mm	17-1501
0.4 mm Ø, 50 mm	17-1502

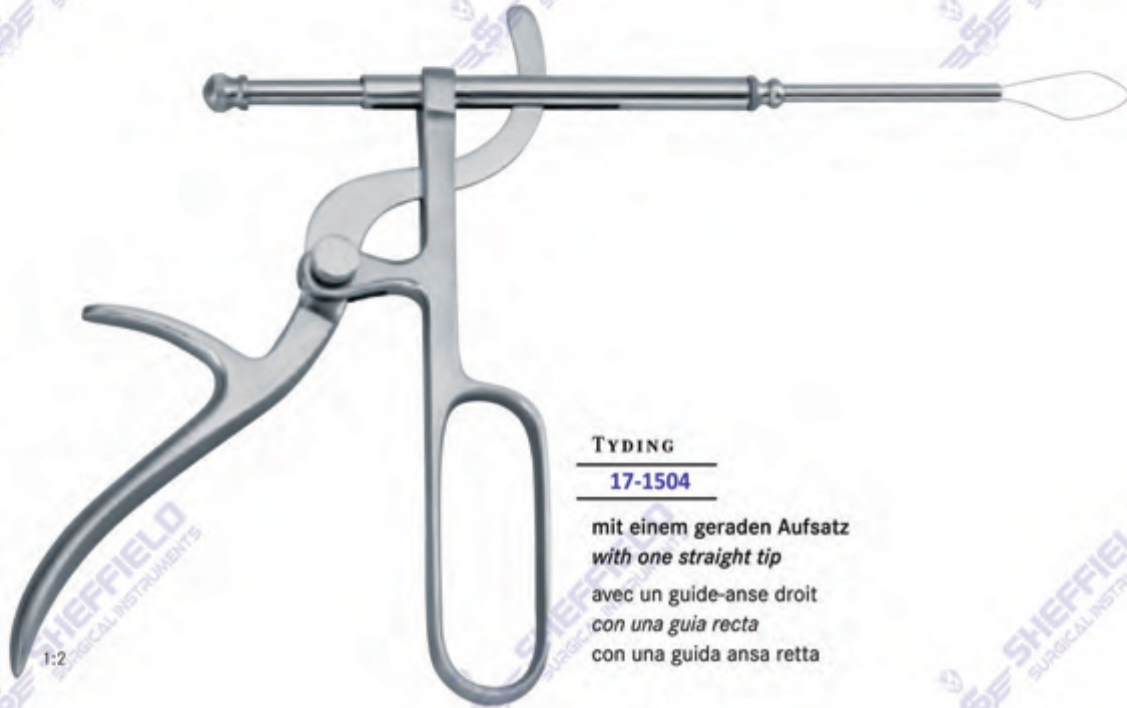
Packung mit 100 Stück
package of 100 pieces
paquet de 100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi



0.4 mm Ø x 10 cm	17-1503
------------------	----------------

Packung mit 12 Stück
package of 12 pieces
paquet de 12 pièces
paquete de 12 piezas
pacchetto da 12 pezzi

TONSIL SNARES



1:2

TYDING

17-1504

mit einem geraden Aufsatz
with one straight tip
avec un guide-anse droit
con una guida recta
con una guida ansa retta



0.4 mm Ø x 10 cm

17-1505

Packung mit 100 Stück
package of 100 pieces
paquet de 100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

TONSIL INSTRUMENTS



CARPENTER

250 mm - 9 7/8"	17-1506
-----------------	----------------

Enucleator

Enucleator

Enucleateur pour amygdales

Enucleador para amígdalas

Enucleatore



LUNIATSCHEK

180 mm - 7"	17-1507
-------------	----------------

Tonsillen-Tamponstopfer

Tonsil tampon plugger

Porta coton

Porta algodones

Porta tamponi

TONSIL INSTRUMENTS



LEWIS

195 mm - 7 $\frac{3}{4}$ "	17-1509
----------------------------	----------------

Tonsillenschraube

Tonsil screw

Tire amygdales

Tira amigdalas

Fissa tonsille

1:2



1:1

MARSCHIK

220 mm - 8 $\frac{3}{4}$ "	17-1508
----------------------------	----------------

Tonsillen-Fasspinzette

Tonsil seizing forceps

Pince pour saisir les amygdales

Pinza prensora de amigdalas

Pinza da presa tonsille

1:2



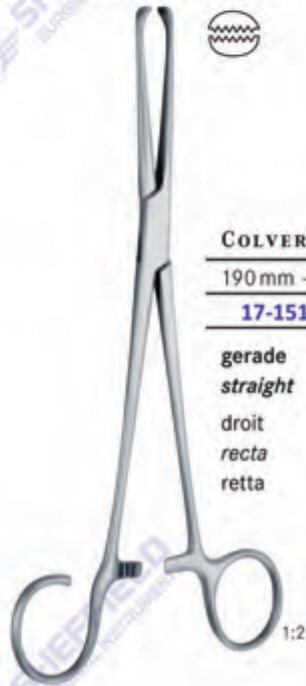
1:1

BLOHMKE

200 mm - 8"	17-1510
-------------	----------------

1:2

TONSIL INSTRUMENTS



COLVER

190 mm - 7½"	190 mm - 7½"
17-1511	17-1512

gerade
straight

droit
recta
retta

gebogen
curved
courbe
curva
curva

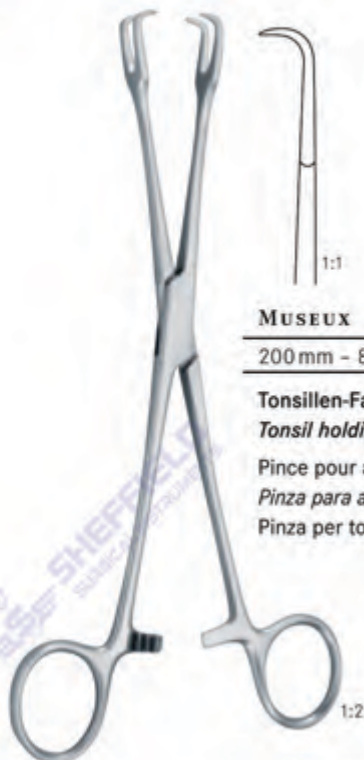
1:2



WHITE

180 mm - 7"	17-1513
230 mm - 9"	17-1514

6x5



MUSEUX

200 mm - 8"	17-1515
-------------	----------------

Tonsillen-Fasszange
Tonsil holding forceps
Pince pour amygdales
Pinza para amigdalas
Pinza per tonsille

1:2



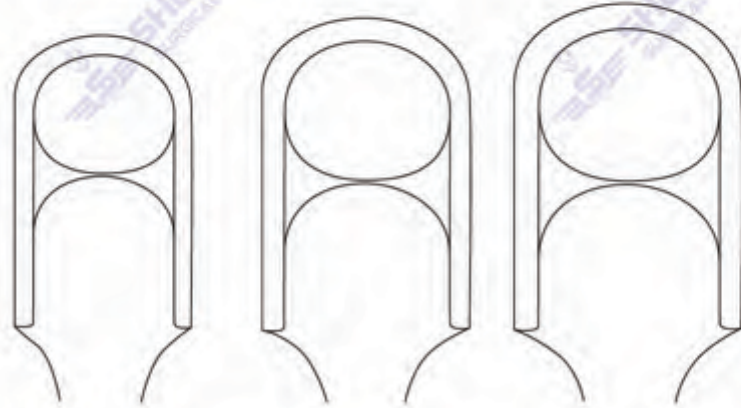
JACKSON

220 mm - 8¾"	17-1516
--------------	----------------

Kehlkopfpinzette
Laryngeal forceps
Pince laryngienne
Pinza laringea
Pinza laringea

1:2

TONSILLECTOMES



SLUDER-BALLENGER

	Fig. 1	Fig. 2	Fig. 3	
	17-1517	17-1518	17-1519	17-1520

Griff
 Handle
 Manche
 Mango
 Manico

17-1521	x	x	x	x
----------------	---	---	---	---

komplett
 complete
 complet
 completa
 completa



HARTMANN

	13 mm Ø	15 mm Ø	17 mm Ø
x = 120 mm	17-1522	17-1523	17-1524

TRACHEA TUBES



UCKERMANN

130 mm - 5"

10 mm Ø

17-1525

1:2

TRACHEOTOMY SET



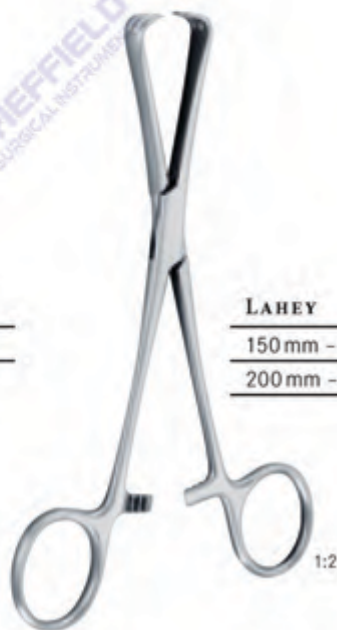
17-1526

GOITRE GRASPING FORCEPS-GOITRE ENUCLEATOR



MASTIN

170 mm - 6½"	17-1527
--------------	----------------



LAHEY

150 mm - 6"	17-1528
200 mm - 8"	17-1529



KOCHER

150 cm - 6"	17-1530	17-1532
160 mm - 6¼"	17-1531	17-1533

mit Loch
with hole
avec trou
con orificio
con foro

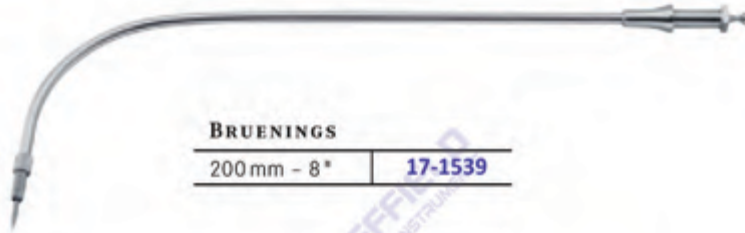


BRONCHO-OESOPHAGOSCOPY FORCEPS



BRUENINGS

200 mm - 8"	17-1534
300 mm - 12"	17-1535
400 mm - 16"	17-1536
500 mm - 20"	17-1537
600 mm - 23½"	17-1538



BRUENINGS

200 mm - 8"	17-1539
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HUBER

17-1540

1:2

BRONCHO-OESOPHAGOSCOPY FORCEPS

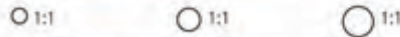
Auswechselbare Zangenaufsätze
Exchangeable tips

Embouts interchangeables
Bocas intercambiables
Punte intercambiabili



SEIFFERT

17-1541



BRUENINGS

17-1542

17-1543

17-1544



LANGE

17-1545



SCHEINMANN

17-1546



FRAENKEL

17-1547



FRAENKEL

17-1548



KRAUSE

17-1549



17-1550

17-1551



17-1552

17-1553



CORDES

17-1554

17-1555

MICRO INSTRUMENTS FOR LARYNGO-BRONCHO-OESOPHAGOSCOPY


2.0 mm

 Schaft
 Shaft
 Gaine
 Vaina
 Asta

250 mm - 10°



	17-1556	17-1557	17-1558	17-1559	17-1560
Scheren Scissors Ciseaux Tijeras Forbice	gerade straight droit recta retta	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra



17-1561

 aufgebogen
 angled up
 coudé en haut
 curvada arriba
 curvata in alto


	17-1562	17-1563	17-1564	17-1565	17-1566
Alligatorzangen Alligator forceps Pincés crocodile Pinzas cocodrilo Pinze coccodrillo	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra




○ 2.5 mm	17-1567	17-1568	17-1569	17-1570	17-1571
Löffelzangen Cup shaped forc. Pincés currettes Pinzas cureta Pinze a cucchaio	gerade straight droit recta retta	aufgebogen angled up coudé en haut curvada arriba curvata in alto	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra



○ 3 x 5 mm 17-1572

 Löffelzange
 Cup shaped forc.
 Pince curette
 Pinza cureta
 Pinza a cucchaio

 oval
 oval
 ovale
 oval
 ovale

MICRO INSTRUMENTS FOR LARYNGO-BRONCHO-OESOPHAGOSCOPY


2.0 mm

250 mm -10°


1:3

Schaft
Shaft
Gaine
Vaina
Asta

	17-1573	17-1574	17-1575	17-1576	17-1577
Scheren Scissors Ciseaux Tijeras Forbice	gerade straight droit recta retta	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra


17-1578

aufgebogen
angled up
coudé en haut
curvada arriba
curvata in alto



	17-1579	17-1580	17-1581	17-1582	17-1583
Alligatorzangen Alligator forceps Pinces crocodile Pinzas cocodrilo Pinze cocodrillo	gerade straight droit recta retta	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra

○ 2.5 mm

	17-1584	17-1585	17-1586	17-1587	17-1588
Löffelzangen Cup shaped forc. Pinces currettes Pinzas cureta Pinze a cucchaio	gerade straight droit recta retta	aufgebogen angled up coudé en haut curvada arriba curvata in alto	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra



○ 3 x 5 mm

17-1589

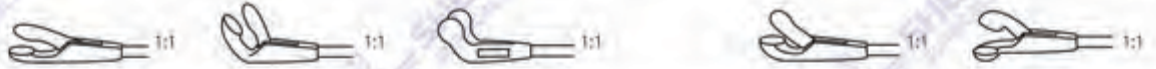
Löffelzange
Cup shaped forc.
Pince curette
Pinza cureta
Pinza a cucchaio

oval
oval
ovale
ovale
ovale

MICRO INSTRUMENTS FOR LARYNGO-BRONCHO-OESOPHAGOSCOPY



	17-1590	17-1591	17-1592
Fasszange Grasping forceps	gerade, gerieft straight, serrated	gerade, gefenstert straight, fenestrated	gerade straight
Pince à saisir	droit, striée	droit, fenêtrée	droits
Pinza agarre	recta, estriada	recta, fenestrada	recta
Pinza da presa	retta, zigrinata	retta, fenestrata	retta



○ 3 mm	17-1593	17-1594	17-1595	17-1596	17-1597
Löffelzangen Cup shaped forc.	gerade straight	aufgebogen angled up	aufgebogen horizontal angled up horizontal	rechts gebogen curved right	links gebogen curved left
Pinces curettes	droit	coudée en haut	coudée en haut coupe horizontalement	courbe à droite	courbe à droite
Pinzas cureta	recta	curvada arriba	curvada arriba horizontal	curvada a derecha	curvada a izquierda
Pinze a cucchaio	retta	curvata in alto	curvata in alto orizzontale	curva a destra	curva a sinistra



	2 mm x 5 mm	3 mm x 5 mm
	17-1598	17-1599
Löffelzangen Cup shaped forc.	gerade straight	gerade straight
Pinces curettes	droit	droit
Pinzas cureta	recta	recta
Pinze a cucchaio	retta	retta

	17-1600
Universalzange Universal forceps	gerade straight
Pince universelle	droit
Pinza universal	recta
Pinza universale	retta



x = 400 mm - 16"	17-1601
x = 500 mm - 20"	17-1602
x = 600 mm - 23½"	17-1603

Tumorzange, gerade
Punch forceps, straight
Pince pour tumeurs, droit
Pinza para tumores, recta
Pinza per tumori, retta



x = 400 mm - 16"	17-1604	17-1607	17-1610
x = 500 mm - 20"	17-1605	17-1608	17-1611
x = 600 mm - 23½"	17-1606	17-1609	17-1612

Fasszangen
Grasping forceps
Pincas à saisir
Pinzas agarre
Pinze da presa

gerade, gerieft
straight, serrated
droit, striée
recta, estriada
retta, zigrinata

gerade, gefenstert
straight, fenestrated
droit, fenêtrée
recta, fenestrada
retta, finestra

gerade
straight
droit
recta
retta

LARYNGEAL POLYPUS FORCEPS



JURASZ

230 mm - 9"	17-1613	17-1614	17-1615	17-1616
rechts <i>right</i> à droite <i>a derecha</i> verso destra		links <i>left</i> à gauche <i>a izquierda</i> verso sinistra	nach unten <i>downwards</i> vers le bas <i>hacia abajo</i> verso basso	nach oben <i>upwards</i> vers le haut <i>hacia arriba</i> verso alto



FRAENKEL

x = 170 mm - 6 3/4"	17-1617
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beide Maulteile beweglich
both jaws articulated

les deux mâchoires mobiles

las dos mandíbulas móviles

ambedue i morsi mobili

18

PLASTIC SURGERY



NEEDLE HOLDERS

Nieverts Needle Holder (offset ring)

- 13cm/5¼" length
- Tungsten carbide jaws

18-1001



Foster Gillies Combined Needle Holder/Sc

- 13cm/5" length
- Tungsten carbide jaws

18-1002



Gillies Combined Needle Holder/Scissors

- 16cm/6¼" length
- Tungsten carbide jaws

18-1003



DISSECTING FORCEPS

Gillies Dissecting Forceps

- 15cm/6" length
- Toothed

18-1004



McIndoes Dissecting Forceps

- 15cm/6" length
- Non toothed

18-1005



Debaquey-Diethrich Tissue Forceps

- 15cm/6" length
- 1.5mm tips

18-1006



Debaquey Tissue Forceps

- 15cm/6" length
- 2mm tips

18-1007



Bipolar Forceps

- 12.5cm/5" length
- 1mm tips

18-1008



Bipolar Forceps

- 15cm/6" length
- 1.5mm tips

18-1009



Bipolar Cable

- 3m cable length
- Block end/Banana plug fitting to machine end

18-1010



RETRACTOR & SKIN HOOKS

Kilner Detachable Skin Hook

- 15cm/6" length

18-1011



Gillies Skin Hook

- 18cm/7" length

18-1012

Small size

Large size



Klienert-Kutz Skin Hook

- 16cm/6¼" length

18-1013

Small size

Large size



Joseph Double Skin Hook

- 16cm/6¼"

18-1014



Rollet/Blair Mini-Catspaw Retractor

- 13.5cm/5" length
- Semi-sharp prongs

18-1015



Catspaw Retractors

- 16cm/6¼" length
- Semi-sharp prongs

18-1016



RETRACTORS & SKIN HOOKS

Kilner Detachable Skin Hook

- 15cm/6" length

18-1017



Gillies Skin Hook

- 18cm/7" length

18-1018

Small size

Large size



Klienert-Kutz Skin Hook

- 16cm/6¼" length

18-1019

Small size

Large size



Joseph Double Skin Hook

- 16cm/6¼"

18-1020



Rollet/Blair Mini-Catspaw Retractor

- 13.5cm/5" length
- Semi-sharp prongs

18-1021



Catspaw Retractors

- 16cm/6¼" length
- Semi-sharp prongs

18-1022



RETRACTORS

Kilner-Miniature Pattern Catspaw Retra

- 15cm/6" length

18-1023



Senn-Miller Double Ended Retra

- 16cm/6¼" length

18-1024

Sharp prongs

Blunt prongs



Ragnell-Davies Retractor

- 14cm/5½" length

18-1025



Mini-Langenbeck Retractor

- 16cm/6¼" length

18-1026

10 x 6mm

17 x 5mm



Desmarres Saddle Retractor

- 16cm/6¼" length

- 12mm width

18-1027



Langenbeck Retractor

- 21.5cm/8½" length

18-1028



Blade Size
Depth Width

Small
Medium
Large

SELF RETAINING RETRACTORS

Alms Retractor

- 7cm/2¾" length
- 4 x 4 teeth blunt
- 4mm depth prongs

18-1029



Baby Weitlaner S/R Retractor

- 11.5cm/4½" length
- 2 x 3 blunt prongs

18-1030



Wests S/R Retractor

- 14cm/5½" length
- 3 x 4 sharp prongs

18-1031



Weitlaner S/R Retractor

- 14cm/5½" length
- 3 x 4 blunt prongs

18-1032

*illustrated



Mollison S/R Retractor - Child

- 13cm/5¼" length
- 2 x 2 sharp prongs 12mm depth
- Curved

18-1033



Mollison S/R Retractor - Adult

- 17cm/6¾" length
- 4 x 4 sharp prongs 14mm depth
- Curved

18-1034



DISSECTORS

Freers Elevator/Dissector

- 18.5cm/7¼" length

18-1035



Watson Cheyne Dissector

18-1036



Size

- 1 8cm/7"
- 23cm/9"
- 25.5cm/10"

MacDonald Elevator/Dissector

18-1037



Size

- 19cm/7½"
- 23cm/9"

Howarth Elevator

- 21.5cm/8½" length

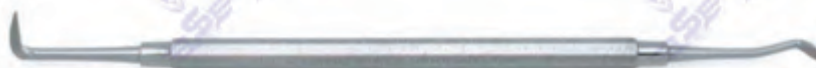
18-1038



Mitchels Trimmer

- 16cm/6¼" length

18-1039



SCALPEL HANDLES & MARKING PENS

Barrons Scalpel Blade Handle No.3

- 13cm/5¼" length

18-1040



Beaver Blade Holder

- 13cm/5¼" length

18-1041



Eckoff Mapping Pen

- 14.5cm/5¾" length

18-1042



Sommerlad Marking Pen

- 15cm/6" length

18-1043



Castroviejo Measuring Caliper

- 7cm/2¾" length
- Measuring range 0 to 25mm

18-1044



Ink Pot

- Stainless steel

18-1045



Stainless Steel Measuring Ruler

18-1046

Length

15cm/6"

30cm/12"



SKIN GRAFT KNIVES

Watson Skin Graft Knife

• 30.5cm/12" length

Right handed

18-1047

Left handed



The roller bar is smooth and does not oscillate or rotate in use. The graft thickness is controlled by slacking the locking nut and rotating the adjuster nut until the required thickness and then set by tightening the locking nut. The graft thickness is consistent as the roller bar can only be adjusted in parallel.

Braithwaite Skin Graft Knife

• 30.5cm/12" length

Right handed

18-1048

Left handed



The grooved roller bar oscillates from side to side as well as rotating. The graft thickness is controlled by rotating the adjuster nuts at the end of knife, this will move the roller bar up or down.

Cobbett Skin Graft Knife

• 30.5cm/12" length

Right handed

18-1049

Left handed



The grooved roller bar only oscillates from side to side. The adjustment for the thickness of the graft is the same as the Braithwaite knife.

Humby Skin Graft Knife

• 36.5cm/14 1/4" length

Right handed

18-1050

Left handed



The grooved roller bar rotates and oscillates from side to side. The graft thickness is controlled by adjusting the thumb screws on top of the support pillars.

Silver Skin Graft Knife

• 19cm/7 1/2" length

Right handed Left handed

18-1051



Tufnol Skin Graft Board

200mm x 100mm / 8 x 4"
Bevelled edge

18-1052

FACE LIFT FORCEPS

Assumpcao Face Lift Forceps

- 16cm/6¼" length
- For precise marking of dissected facial flaps for excision

18-1053

Without ratchet

With ratchet

illustrated with ratchet*



Pitanguy Forceps

- Flap demarcator for accurate marking of facial flaps for excision

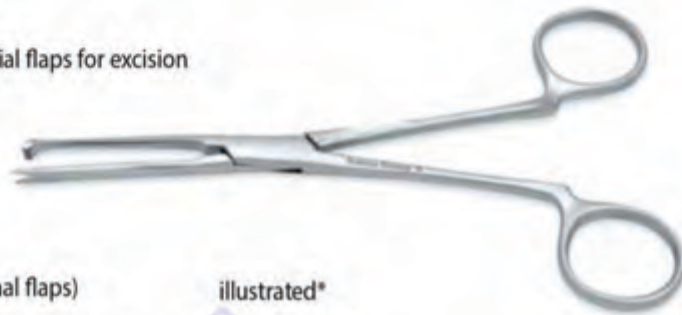
18-1054

Length

15cm/6"

26cm/10 ¼" (for abdominal flaps)

illustrated*



Marten Flap Forceps

- 14.5cm/5¾" length
- For accurate marking of skin flaps

18-1055

Without ratchet

With ratchet

illustrated*



Martel Flap Grasping Forceps

- 14cm/5¼" length
- Two pins in opposing holes on the jaws

18-1056



AREOLA MARKERS

Freeman Areola Marker

18-1057

Diameter

- 36mm Ø
- 38mm Ø
- 40mm Ø
- 42mm Ø
- 45mm Ø



Freeman Double Ended Areola Marker

18-1058

Diameter

- 38/42mm Ø
- 42/45mm Ø



Grossman Areola Marker

- 4 sizes in 1
- Marking 40mm/44mm/48mm & 52mm Ø

18-1059



Galvao Nipple Marker

18-1060

Diameter

- 40mm Ø standard
- 50mm Ø large



McKissock Keyhole Breast Reduction Marker

18-1061

Diameter

- 38mm Ø
- 42mm Ø
- 45mm Ø



BREAST RETRACTORS

Tebbetts Fibre Optic Breast Retractor

With fibre optic illumination and suction



- Fibre optic illumination with suction for smoke evacuation
- Angled Retractor tip with blunt teeth
- Polished mirror finish on blade to reflect light inside the pocket

18-1062

With Teeth Length	Width
90mm	24mm
90mm	30mm
150mm	36mm
190mm	36mm



18-1063

Blunt Length	Width
90mm	24mm
90mm	30mm
150mm	36mm
190mm	36mm

NASAL INSTRUMENTS

- 13.5cm/5¼" length
- Tungsten Carbide edges
- Double angled blades

18-1064



Daniels Nasal Scissors

- 10cm/4" length
- 40° angled blades

18-1065



For dissection of Nasal Tip Cartilage

Fomon Upper Lateral Scissors

- 13.5cm/5¼" length
- Curved

18-1066



Fomon Dorsal Scissors

- 13cm/5" length
- Tungsten Carbide edges

18-1067



Cottle Dorsal Scissors

- 16cm/6¼" length
- Tungsten Carbide edges

18-1068



NASAL INSTRUMENTS

Knight Nasal Scissors

- 18cm/7" length
- Tungsten Carbide edges

18-1069



Heymann Nasal Scissors

- 18cm/7" length

18-1070



Caplan Nasal Shears

- 20cm/8" length
- Double action angled

18-1071



NASAL INSTRUMENTS

Cottle Septum Knife

- 14cm/5½" length

18-1072



Joseph button end Knife

- 14cm/5½" length
- Straight

18-1073



Convex button end Knife

- 16cm/6¾" length
- Curved

18-1074



Freer Mucosa Knife

- 15cm/6" length

18-1075



Joseph Angled button end Knife

- 17.5cm/7" length

18-1076



NASAL INSTRUMENTS

Cottle Septum Elevator

- 20cm/8" length
- Double ended graduated

18-1077



Masing Septum Elevator

- 20cm/8" length

18-1078



Carter Septum Elevator

- 21cm/8¼"
- Double ended with curette

18-1079



Killian Septum Elevator

- 19cm/7½" length
- Double ended

18-1080



Mammoplast Breast Retractor

- Self retaining ratchet
- Adjustable to hold breast during surgery

18-1081



NASAL INSTRUMENTS

Inner Alae Retractor

- 85mm

18-1082

Blunt Prongs

10mm

13mm

15mm

Sharp Prongs

10mm

13mm

15mm



Cottle-Neivert Alae Retractor

- 2 prong blunt ball tips
- Knife guard
- 20cm/8" length

18-1083



Fomon Alae Retractor

- 16cm/6¼" length
- 2 prong blunt ball tips

18-1084



Cottle Hook

- 14cm/5½" length
- 2 prong blunt ball and sharp tips

18-1085

Sharp prongs



Ball on right



Ball on left
SL5025-14



Cottle Retractor

- 15cm/6" length

18-1086



Aufricht Nasal Retractor

- 16cm/6¼" length
- 45mm blade

18-1087



Aufricht Nasal Retractor

- 16cm/6¼" length
- Fibre Optic illumination
- 45mm blade

18-1088



NASAL INSTRUMENTS

Killian Speculum

- 13cm/5" length
- Plain blade

18-1089



Blade

35mm

55mm

65mm

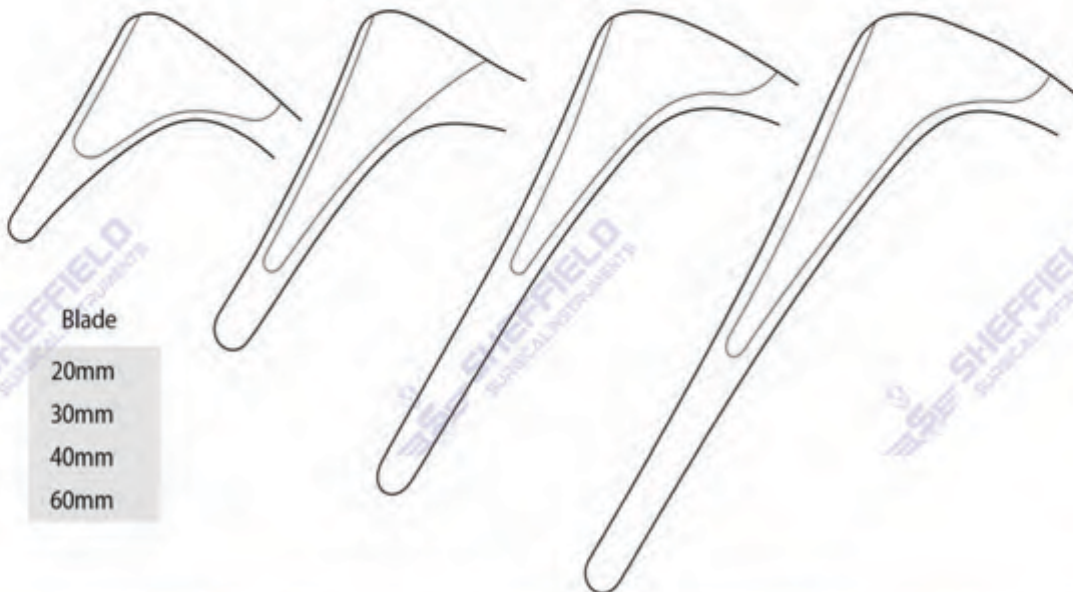
75mm

90mm

Cottle Speculum

- 14cm/5½" length
- Slender blade

18-1090



Blade

20mm

30mm

40mm

60mm

NASAL INSTRUMENTS

Joseph Nasal Saw

- 19cm/7" length
- 18-1091**



Straight



Cranked to right



Cranked to left

Illustrated*

Joseph Nasal Saw

- Horizontal shaft
- 125mm x 85mm

Cranked right

18-1092

Cranked left



Illustrated*

Ballenger Swivel Knife

- 19.5cm/7½" length
- Bayonet shaped

18-1093

Width

3mm

4mm

5mm



Jansen Middleton Septum Forceps

- 19cm/7½" length
- Double action

18-1094



NASAL INSTRUMENTS

Walsham Septum Straightening Forceps

- 23cm/9" length

18-1095



Universal



Left



Right

Asch Septum Straightening Forceps

- 23cm/9" length

18-1096



NASAL INSTRUMENTS

Toffee Mallet

- 19cm/7½" length
- Head size 22mm Ø
- Weight 165g/6oz

18-1097



Ultra Fine Mallet

- 17cm/6¾" length
- Head size 20mm Ø
- Weight 145g/5oz
- Tufnol handle

18-1098



Read Nasal Gouge

- 18cm/7" length

18-1099

Width
4mm
5mm
6mm



Killian Septum Gouge

- Round cutting edge 6mm width
- 16cm/6¼" length
- Bayonet shaped

18-1100



- Notched cutting edge 6mm width



Obwegeser Nasal Septum Osteotome

- 18cm/7¼" length
- Graduated

18-1101

Width
4mm
6mm
8mm



NASAL INSTRUMENTS

Matthew Osteotome

- 18cm/7" length
- 11mm wide
- Bevelled at one corner

18-1102



Gubisch Osteotome

- 18.5cm/7¼" length
- 3mm wide
- Aluminium handle

18-1103



Rubin Osteotome

- 18cm/7" length

18-1104

Size

8mm

10mm

12mm

14mm

16mm



French (Gillies) Osteotome

- 14cm/5½" length

18-1105

Size

2mm

5mm

7mm

9mm

11mm

13mm



Cinelli Double Guarded Osteotome

- 16cm/6¼" length

18-1106

Size

8mm

10mm

12mm



NASAL INSTRUMENTS

- 18cm/7" length

18-1107

Size

2mm
4mm
5mm
6mm
8mm
10mm
12mm



Cottle Chisel

- 18.5cm/7½" length

18-1108

Size

4mm
6mm
7mm
8mm
9mm
12mm



McIndoe Chisel

- 15cm/6" length

18-1109

Size

9mm
11mm
13mm
15mm



Sheehan Osteotomes

- 15cm/6" length

18-1110

Set of 5 sizes
2mm to 10mm

Size

2mm
4mm
6mm
8mm
10mm



NASAL INSTRUMENTS

Braithwaite Chisel

- 14.5cm/5¾" length
- 5mm wide

18-1111

- Without guard
- Guard on left
- Guard on right



Foman Chisel with Guard

- 16.5cm/6½" length

18-1112

Size

4mm	Guard on left
5mm	Guard on left
6mm	Guard on left
7mm	Guard on left



Silver Chisel with Guard (Frenchay)

- 18cm/7" length

18-1113

- Straight
- Curved left
- Curved right



Nievert Chisel with Guard

- 20cm/8" length

18-1114

- Straight
- Curved left
- Curved right



NASAL INSTRUMENTS

Fomon Double Ended Nasal Rasp

- 21cm/8¼" length
- Tungsten Carbide surface

18-1115



Course



Medium



Fine

MALTZ (Parkes) Nasal Rasp

- 18cm/7" length
- Tungsten Carbide surface
- Backward cutting

18-1116



Course



Medium



Fine

Maltz Nasal Rasp

- 18.5cm/7½" length

18-1117



NASAL INSTRUMENTS

Peet Nasal Rasp

- 17.5cm/6¾" length
- Diamond surface

18-1118

Curved tip*

Straight tip



*illustrated

Aufricht (Peet) Nasal Rasp

- 22cm/8¾" length
- Diamond surface

18-1119



Glabella Nasal Rasp

- 21cm/8¼" length
- Tungsten Carbide surface

18-1120



Fomon Double Ended Nasal Rasp

- 21cm/8¼" length
- Diamond surface

18-1121



Miller Nasal Rasp

- 18cm/7" length
- Tungsten Carbide surface

18-1122





BROWLIET INSTRUMENTS

with ergonomic handles.

Frontotemporal Dissector

- 22.5cm/8¾" length
- Straight 10mm wide

18-1123



For initial dissection through forehead incisions

Frontotemporal Dissector

- 24cm/9½" length
- Curved 7mm wide

18-1124



For initial dissection

Periosteal Dissector

- 25cm/9¾" length
- Curved 9mm wide

18-1125



For a posterior scalp dissection

Periosteal Dissector/Elevator

- 24cm/9½" length
- S-Shaped 9mm wide

18-1126



For elevation of the periosteum

Frontoglabellar Dissector

- 26cm/10½" length
- S-Shaped 7mm wide

18-1127



Used in the dissection of the naso-glabellar area of the forehead

Temporal Line Dissector

- 23.5cm/9¼" length
- Straight 10mm wide

18-1128



Separates the temporal fascia

BROWLIFT INSTRUMENTS

Zygomatic Arch Elevator

- 22.5cm/8¾"
- Straight 5mm wide

18-1129



For use in the lower eyelid approach

Scalp Elevator

- 24cm/9½" length
- Straight 7mm wide

18-1130



Scalp Elevator

- 25.5cm/10" length
- Curved 12mm wide

18-1131



Scalp Elevator

- 24cm/9½" length
- Half curved with angled tip 12mm wide

18-1132



Flap Dissector

- 22.5cm/8¾" length
- Curved 6mm wide

18-1133



For dissection of the deep temporal fascia

Arcus Marginalis Dissector

- 24cm/9½" length
- S-Shaped 8mm wide

18-1134



For dissection along the orbital rim

BROWLIFT INSTRUMENTS

Endoforehead Elevator

- 24cm/9½" length
- Half curved 7mm wide

18-1135



Transoral Dissector

- 23.5cm/9¼" length
- Curved tip 7mm wide

18-1136



Orbital Rim Dissector

- 24cm/9½" length
- Half curved

18-1137



Nerve Hook - Curved Right

- 24cm/9½" length

18-1138



Nerve Hook - Curved Left

- 24cm/9½" length

18-1139



Nerve Retractor - Curved Left

- 17cm/9¼" length

18-1140



FACE LIFT SCISSORS

Gorney Face Lift Scissors

- Tungsten carbide edges

18-1141

Length

17cm/6 $\frac{3}{4}$ "

19cm/7 $\frac{1}{2}$ "

23cm/9"

Flat tips



Gorney-Freeman Face Lift Scissors

- Tungsten carbide edges
- Open shanks

18-1142

Length

17cm/6 $\frac{3}{4}$ "

19cm/7 $\frac{1}{2}$ "

23cm/9"

Flat tips



Kaye Face Lift Scissors

- Tungsten carbide edges
- Curved

18-1143

Length

17cm/6 $\frac{3}{4}$ "

19cm/7 $\frac{1}{2}$ "

23cm/9"



Aufricht Scissors

- 14cm/5 $\frac{1}{4}$ " length
- Tungsten carbide edges
- Curved

18-1144



Goldman-Fox Scissors

- 13cm/5" length

18-1145



BROWLIFT INSTRUMENTS

Nerve Retractor - Curved Right

- 17cm/9¾" length

18-1146



Suction Elevator

- 26cm/10¼" length
- Slightly curved
- Round edge tip 8mm wide

18-1147



Suction Elevator

- 26cm/10¼" length
- Half curved
- Round edge tip 8mm wide

18-1148



Mini Forehead Elevator

- 18cm/7" shaft
- Slightly curved

18-1149



Mini Forehead Elevator

- 18cm/7" shaft
- Half curved

18-1150



Mini Forehead Dissector

- 18cm/7" shaft
- Full curved

18-1151



MAXILLO FACIAL INSTRUMENTS

Epkers Osteotome

- 18cm/7" length

18-1152

Straight

Width

4mm

6mm

8mm



- 17.5cm/6¾" length

18-1153

Curved

Width

4mm

6mm

8mm



Tessier Multi-Purpose Osteotome

- 16cm/6¼" length

- Straight

18-1154

Width

2.5mm

3.5mm

5mm

7mm

10mm

15mm

18mm



Tessier Bone Graft Osteotome

- 16cm/6¼" length

- Short blade with rounded edges

18-1155

Straight

Width

10mm

15mm



Curved

Width

10mm

15mm



MAXILLO FACIAL

Nasal blade

Oral blade

Oral blade

Nasal blade



Tessier-Rowe Left
23cm/9" length
• For children



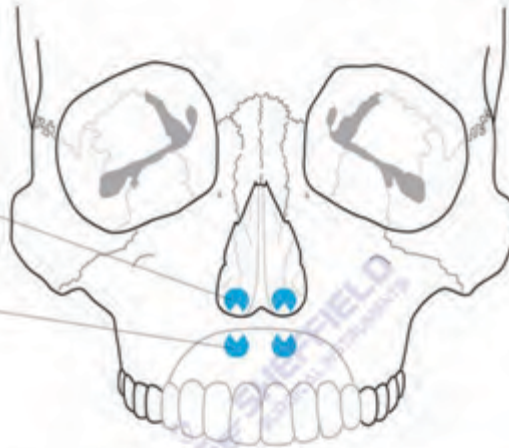
Tessier-Rowe Right
23cm/9" length
• For children



Tessier-Rowe Left
23cm/9" length
• For adults



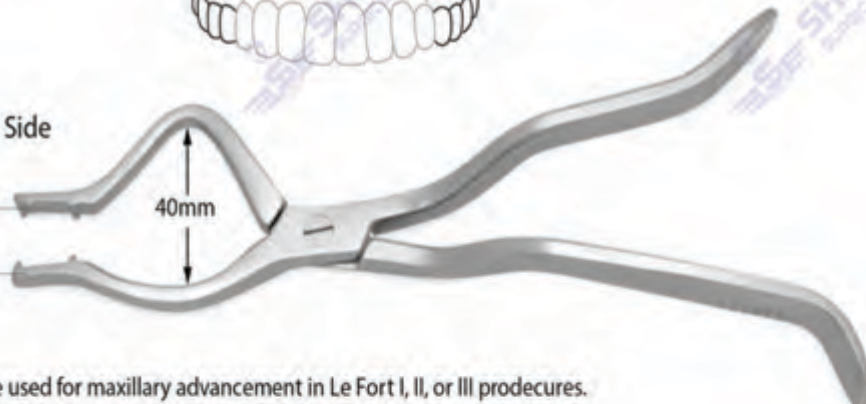
Tessier-Rowe Right
23cm/9" length
• For adults



Tessier-Rowe Left Side

Oral blade

Nasal blade



18-1156

These instruments are used for maxillary advancement in Le Fort I, II, or III procedures. A large curvature of the blade prevents damage of the teeth. The oral blades are asymmetrical to adapt to the curvature of the palate which is often high and concave.

Tessier-Rowe Right Side



MAXILLO FACIAL

Smith Ramus Separator

- 23cm/9" length
- 12mm width

18-1157



The superior ramus separator in conjunction with the sagittal split separator allows controlled separation of the superior ramus osteotomy cut. It's unique blade action exerts force over a broad surface area for maximum control. This instrument is also useful in "down facturing" the maxilla by placement at the zygomatic buttress osteotomy cut.

Obwegeser Fragment Adapting Forceps Right Side

- 19.5cm/7¾" length

18-1158



Obwegeser Fragment Adapting Forceps Left Side

- 19.5cm/7¾" length

18-1159



MICRO SURGERY

Vessel Dilator Angled

- 11cm/4¼" length
- Tips 0.2mm Ø

18-1160



Vessel Dilator Angled

- 11cm/4¼" length
- Tips 0.3mm Ø

18-1161



Vessel Dilator

- 13.5cm/5⅜" length
- Tips 0.2mm Ø

18-1162



Vessel Dilator

- 13.5cm/5⅜" length
- Curved tips 0.2mm Ø

18-1163



Vessel Dilator Long

- 18cm/7" length
- Tips 0.3mm Ø

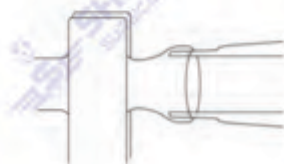
18-1164



Vessel Dilator Long

- 18cm/7" length
- Curved tips 0.2mm Ø

18-1165



JJ Vessel Dilators have Mirror polished parallel tips for interluminal vessel dilation. The entire area is opened to the same diameter and the pressure is distributed evenly. This ensures that unnecessary damage to the vessel is avoided.

MICRO SURGERY

Round Bodied Vessel Dilator

- 15cm/6" length
- Straight tips 0.3mm Ø
- Balanced forceps

18-1166



Round Bodied Vessel Dilator

- 15cm/6" length
- Curved tips 0.2mm Ø
- Balanced forceps

18-1167



Round Bodied Vessel Dilator

- 18cm/7" length
- Straight tips 0.3mm Ø
- Balanced forceps

18-1168



Round Bodied Vessel Dilator

- 18cm/7" length
- Curved tips 0.3mm Ø
- Balanced forceps

18-1169





MICRO SURGERY

Jewellers Forceps

- 11cm/4¼" length
- Tips 0.3mm

18-1170



Jewellers Forceps Long

- 15cm/6" length
- Tips 0.3mm

18-1171



Jewellers Forceps

- 12cm/4¾" length
- Tips 0.3mm

18-1172



Jewellers Forceps

- 13.5cm/5¾" length
- Tips 0.3mm

18-1173



Pierse Forceps

- 12cm/4¾" length
- Tips 0.3mm

18-1174



Pierse Forceps have a micro hole in the tips which securely grip tissue with minimal trauma

Micro Adson Fixation Forceps

- 12cm/4¾" length
- 1 x 2 micro teeth

18-1175



MICRO SURGERY

Round Bodied Forceps

- 15cm/6" length
- Straight, with platform
- Tips 0.3mm Ø
- Balanced forceps

18-1176



Round Bodied Forceps

- 15cm/6" length
- Curved, with platform
- Tips 0.3mm Ø
- Balanced forceps

18-1177



Round Bodied Angled Forceps

- 15cm/6" length
- Angled tips 0.2mm Ø
- Balanced forceps

18-1178



Round Bodied Forceps

- 18cm/7" length
- Straight, with platform
- Tips 0.5mm Ø
- Balanced forceps

18-1179



Round Bodied Forceps

- 18cm/7" length
- Curved, with platform
- Tips 0.5mm Ø
- Balanced forceps

18-1180



Round Bodied Angled Forceps

- 18cm/7" length
- Angled tips 0.2mm Ø

18-1181



MICRO SURGERY

Straight Scissors Flat Handle

- 15cm/6" length
- Blades 19mm long

18-1182



Adventitia Scissors with pointed tips



Available with Micro
Serrations for nerve
cutting -Straight

Curved Scissors Flat Handle

- 15cm/6" length
- Blades 19mm long

18-1183



Dissecting Scissors with rounded tips



Available with Micro
Serrations for nerve
cutting -Curved

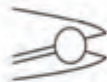
Straight Scissors Flat Handle

- 15cm/6" length
- Blades 15mm long

18-1184



Adventitia Scissors with pointed tips



Curved Scissors Flat Handle

- 15cm/6" length
- Blades 15mm long

18-1185



DISSECTING SCISSORS

Ragnell (Kilner) Scissors

- Tungsten carbide edges
- Curved flat tips

18-1186

Length

13cm/5 ¼"

15cm/6"

18cm/7"



Greenberg PAR Scissors

- 11.5cm/4¼" length
- Tungsten carbide edges
- Curved tapered flat tips

18-1187



Little Plastic Surgery Scissors

- 12cm/4¾" length
- Curved
- Hole in the blades for the suture to be threaded through

18-1188



Kahn Face Lift Scissors

- 14.5cm/5¾" length
- Super Cut edges
- Curved

18-1189



Fomon Saber Face Lift Scissors

18-1190



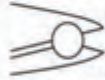
MICRO SURGERY

Straight Scissors Round Handle

18-1191

- 15cm/6" length
- Blades 12mm long
- 18cm/7" length
- Blades 14mm long

Adventitia scissors with pointed tips



Curved Scissors Round Handle

18-1192

- 15cm/6" length
- Blades 12mm long
- 18cm/7" length
- Blades 14mm long

Dissecting scissors with rounded tips



18-1193

Blondeel Scissors Round Handle

- Blades 15mm long
- Curved blades
- 15cm/6" length
- 18cm/7" length



These Scissors were designed by professor Phillip Blondeel for use in breast reconstruction utilising a perforator flap. A combination of ring handle design for preparation of fine structures, the round handle micro instrument handle allows the user to perform fine micro surgery.

MICRO SURGERY

Barraquer Micro Needle Holder

- Round bodied
- 0.4mm jaws

18-1194



Without Lock

13cm/5"

15cm/6"

18cm/7"

Castroviejo Micro Needle Holder

- Flat handled
- 0.4mm jaws

18-1195



Without Lock

14cm/5 ½"

18cm/7"

Double Action Micro Needle Holder

- Round bodied
- 0.4mm jaws

18-1196



Without Lock

15cm/6"

18cm/7"

MICRO INSTRUMENTS SETS

SUN offer both a Basic Micro Surgery Instrument Set, equipping the surgeon with the basic Instruments for most micro surgery procedures and a reduced set suitable for Nerve and Tendon Repair.

SUN Basic Micro Instrument Set

18-1197

Set consisting of the following instruments:



Qty	Description
1	Micro Instrument Container
1	Micro Scissors R/B 15cm Straight
1	Micro Scissors R/B 15cm Curved
1	Micro Needle Holder R/B 15cm Straight
1	Micro Needle Holder R/B 15cm Curved
1	Suture Tying Forceps R/B 15cm Straight
1	Suture Tying Forceps R/B 15cm Curved
2	Jewellers Forceps No.5 11cm
1	Micro Vessel Dilator 11cm
1	Clamp Applying Forceps - No Lock
1	Clamp Box
1pr	Single Acland Clamps B-2V
1pr	Single Acland Clamps B-3V
1pr	Single Acland Clamps HD-S

Micro Instrument Set for Nerve Repair Surgery

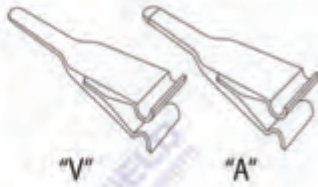
18-1198

Set consisting of the following instruments:



Qty	Description
1	Micro Instrument Container
1	Micro Needle Holder R/B 15cm Curved
1	Micro Scissors Flat Handled 15cm Straight Serrated Blade
2	Jewellers Forceps No.5 11cm

ACLAND MICRO VESSEL CLAMPS



- Light and compact design
- Extremely durable
- A unique gripping surface
- Smooth sliding bar action on all approximator clamps
- Clamp profile with parallel sided jaws
- Matt or black finish

"A" or "V" Pattern?

Throughout the series, the "V" pattern is the all-purpose clamp, commonly used on all veins, and almost all arteries. The "A" pattern, available in all sizes, is designed for exceptionally thick-walled vessels and slippery arteries. The slight incurve of the tips of the "A" pattern jaw provides extra security against slippage.



















Acland
Clamp Container
18-1199

Double
Clamps

Single
Clamps

Ordering details

SINGLE CLAMPS	DOUBLE APPROXIMATING CLAMPS	DOUBLE CLAMPS WITH FRAME
18-1200 18-1201  CLAMP SIZE 0.4 - 1.0mm	18-1208 18-1209  CLAMP SIZE ABB - 11 0.4 - 1.0mm	18-1216 18-1217  CLAMP SIZE 0.4 - 1.0mm
18-1202 18-1203  0.6 - 1.5mm	18-1210 18-1211  0.6 - 1.5mm	18-1218 18-1219  0.6 - 1.5mm
18-1204 18-1205  1.0 - 2.25mm	18-1212 18-1213  1.0 - 2.25mm	18-1220 18-1221  1.0 - 2.25mm
18-1206  1.5 - 3.5mm	18-1214  1.5 - 3.5mm	 Clamp 18-1222
18-1207  2.0 - 5.0mm	18-1215  2.0 - 5.0mm	 Clamp Applicator 18-1223
		

ULTRA FINE MICRO

The advancement in new supermicrosurgical reconstructive techniques has resulted in new applications of this technique such as crushed fingertip replantations with venule grafts, toe tip transfers for fingertip loss, and lymphaticovenular anastomoses of vessels (LVA) for lymphedema.

Ultra-Fine Micro Instruments are ideally suited for free flaps and free perforator-to-perforator flaps.

Ultra Fine Jewellers Forceps

- 11cm/4¼" length
- Tips 0.1mm Ø

18-1224



Ultra Fine Jewellers Forceps

- 13.5cm/5⅜" length
- Tips 0.1mm Ø

18-1225



Ultra Fine Round Bodied Forceps

- 15cm/6" length
- Straight tips 0.1mm Ø
- Balanced forceps

18-1226



Ultra Fine Round Bodied Forceps

- 18cm/7" length
- Straight tips 0.1mm Ø
- Balanced forceps

18-1227



ULTRA FINE MICRO

Ultra Fine Straight Scissors Flat Handle

- 15cm/6" length
- Blades 14mm long

18-1228



Adventitia scissors with pointed tips

Ultra Fine Curved Scissors Flat Handle

- 15cm/6" length
- Blades 12mm long

18-1229



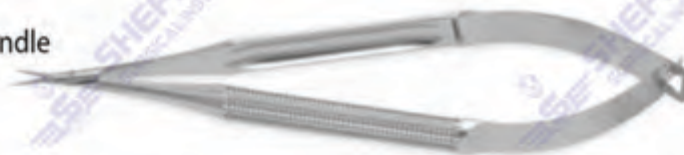
Dissecting scissors with rounded tips

Ultra Fine Straight Scissors Round Handle

- Blades 14mm long

18-1230

15cm/6" length



Dissecting scissors with pointed tips

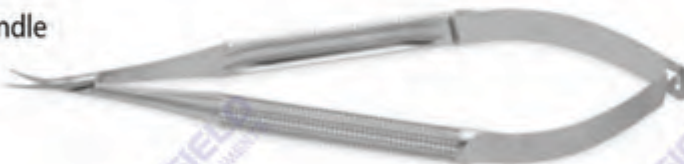
18cm/7" length

Ultra Fine Curved Scissors Round Handle

- Blades 12mm long

18-1231

15cm/6" length



Dissecting scissors with rounded tips

18cm/7" length

ULTRA FINE MICRO

Ultra Fine Curved Micro Needle Holder

- 14cm/5½" length
- Flat handled
- 0.2mm Jaws

18-1232



Ultra Fine Curved Micro Needle Holder

- Round bodied
- 0.2mm Jaws

18-1233

15cm/6" length

18cm/7" length



Ultra Fine Set Complete

18-1234



INSTRUMENTS CONTAINER



SINGLE TRAY CONTAINERS

Internal Dimensions

A	B	C
200 x 140 x 50mm		
280 x 195 x 50mm		
265 x 255 x 50mm		
380 x 260 x 50mm		

18-1235

Standard Container illustrated
 One of our popular cases for Micro
 Instruments



DOUBLE TRAY CONTAINERS

Internal Dimensions

A	B	C
280 x 195 x 65mm		
265 x 255 x 65mm		
380 x 260 x 65mm		

18-1236

Double Tray Container illustrated
 Two removable perforated trays



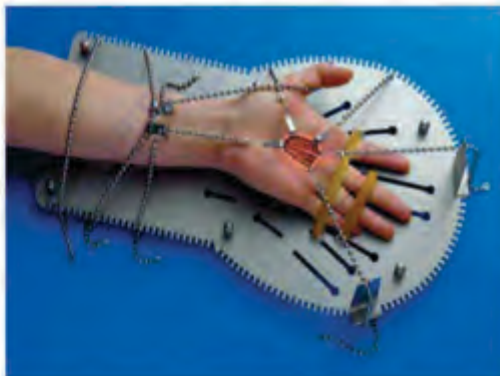
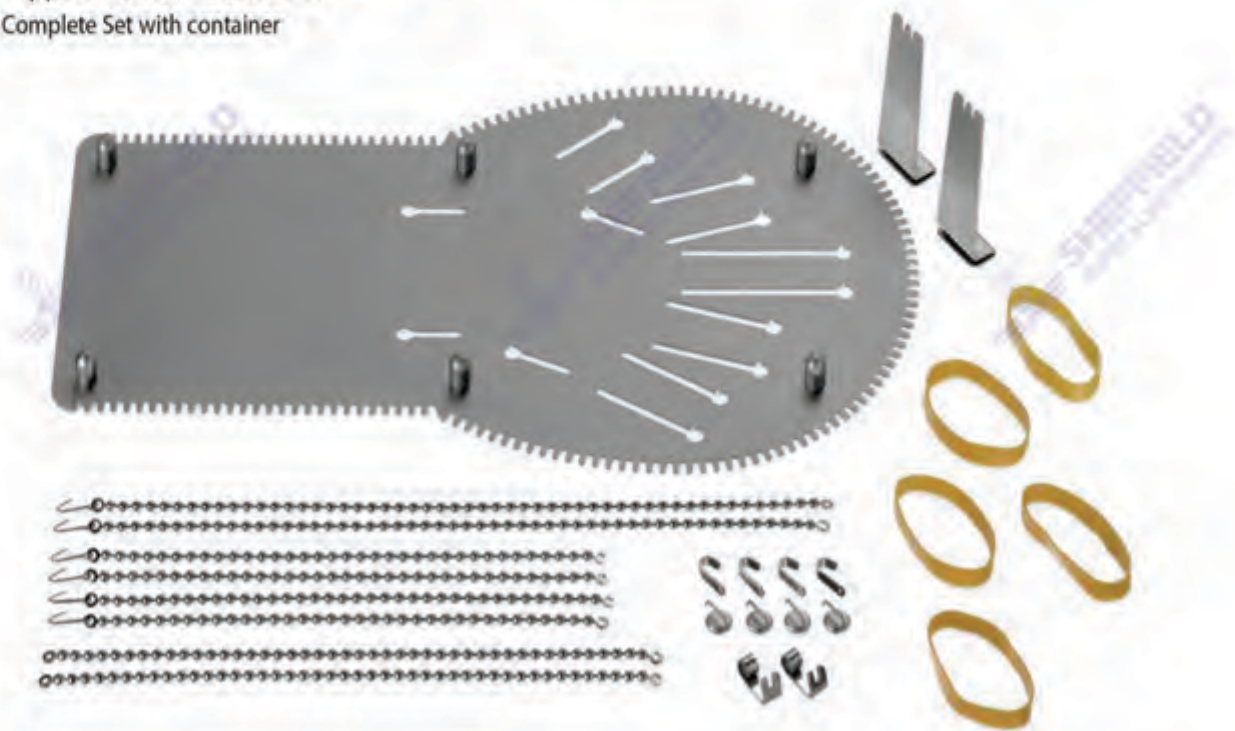
Acland Clamp Container

18-1237

With individual compartments for various clamp sizes

HAND RETRACTOR

Tuppers Hand Retractor Set
Complete Set with container



Tuppers Universal Hand Holder and Retractor Set enables the surgeon to fixate the hand in any position needed.

The patient's hand is held absolutely firm and allows unhindered work under the microscope.

Ball chains of varying length with skin or tendon hooks fixate the hand and lower arm on the Hand Holder.

Due to the slots around the Hand Holder, retraction in every direction is possible.

Upward retraction is easily achieved with the elevated chain holders.

The special container is designed for easy handling and safe storage.

Set consisting of the following instruments:

Qty	Description
1	Hand Table
2	Elevated chain holders
2	Chain holder hooks
2	Ball chains 32cm, with skin-hooks
4	Ball chains 21cm, with skin-hooks
2	Ball chains 26cm, for arm and wrist fixation
4	Tendon hooks 5.0mm wide
4	Sliding hooks for the rubber bands
1	Set rubber bands 5 pieces



18-1238

SCISSORS

Iris Scissors

- 11.5cm/4½" length
- Straight
- Micro serrated cutting edge

18-1239



Iris Scissors

- 11.5cm/4½" length
- Curved
- Micro serrated cutting edge

18-1240



Strabismus Scissors

- 11.5cm/4½" length
- Straight
- Micro serrated cutting edge

18-1241



Strabismus Scissors

- 11.5cm/4½" length
- Curved
- Micro serrated cutting edge

18-1242



Waldram Scissors (with larger bows)

- 12.5cm/5" length
- Curved
- Micro serrated cutting edge

18-1243



SCISSORS

- 11.5cm/4½" length
- Curved
- Micro serrated cutting edge

18-1244



Stevens-Stillé Pattern Tenotomy Scissors

- 12.5cm/5" length
- Curved
- Micro serrated cutting edge
- Larger oversized rings

18-1245



Jameson-Werber Scissors

- 13.5cm/5¼" length
- Curved
- Micro serrated cutting edge

18-1246



Jameson Scissors

- 15cm/6" length
- Curved
- Micro serrated cutting edge

18-1247



Jameson Scissors

- 15cm/6" length
- Curved
- Strong pattern
- Micro serrated cutting edge

18-1248



SCISSORS

Slim Baby Metzenbaum Easy-Cut Scissors

- 14cm/5½" length
- Curved
- Micro serrated cutting edge

18-1249



Slim Metzenbaum Easy-Cut Scissors

- 18cm/7" length
- Curved
- Micro serrated cutting edge

18-1250



Baby Metzenbaum Easy-Cut Scissors

- 14cm/5½" length
- Curved
- Micro serrated cutting edge

18-1251



McIndoe / Metzenbaum Easy-Cut Scissors

- 18cm/7" length
- Curved
- Micro serrated cutting edge

18-1252



Crayford-Reynolds Scissors

- 18cm/7" length
- Curved
- Micro serrated cutting edge

18-1253



SCISSORS

Mayo Easy-Cut Scissors

- 14cm/5½" length
- Straight
- Micro serrated cutting edge

18-1254



Mayo Easy-Cut Scissors

- 14cm/5½" length
- Curved
- Micro serrated cutting edge

18-1255



Mayo Easy-Cut Scissors

- 17cm/6¾" length
- Straight
- Micro serrated cutting edge

18-1256



Mayo Easy-Cut Scissors

- 17cm/6¾" length
- Curved
- Micro serrated cutting edge

18-1257



19

HOLLOWWARE

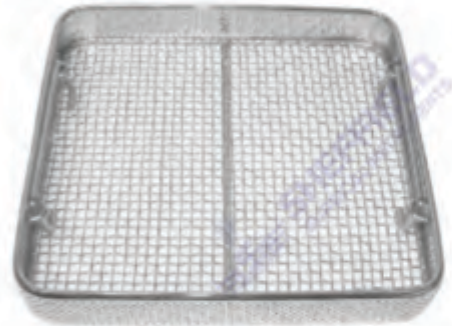




HOLLOWWARE ITEMS



19-1001
Instruments Tray of 20 Pcs



19-1002
Instruments Riddle



19-1003
Instruments Tray of 7 Pcs



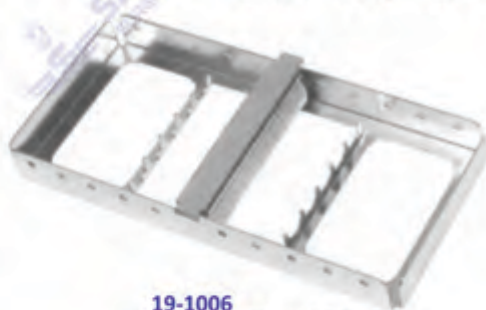
19-1004
Instruments Tray of 10 Pcs



19-1005
Instruments Tray of 5 Pcs



19-1007
Instruments Tray



19-1006
Instruments Tray of 5 Pcs



19-1008
Instruments Tray
Perforated



19-1009
Instruments Tray
Perforated Base



19-1010
Instruments Tray
Solid Base



HOLLOWWARE ITEMS



19-1011
Pulpectomy Tray



19-1012
Sterilizing Box
Available Sizes:
17x17x3 cm
20x10x6 cm
30x14x6 cm



19-1013
Endo Tray Box



19-1014
Finger Cup



19-1015
Bur Box

19-1016
Sterilizing Drum
150x150mm
175x175mm
190x190mm
200x140mm
200x200mm
240x120mm
225x225mm
240x240mm
290x160mm



19-1017
Sterilizing Drum
280x240mm
230x150mm
300x250mm
340x160mm
350x250mm
390x200mm
380x300mm
100x100mm
150x120mm

HOLLOWWARE ITEMS



19-1018
Instruments Box



19-1019
Instruments Box



19-1020
Instruments Box



19-1021
Instruments Sterilizer
150x75 mm



19-1022
Endodontic Box



19-1023
Sterilizing Box
320x120 mm



19-1024
Instruments Tray



19-1025
Instruments Tray



19-1026
Instruments Tray
(Perforated)



19-1027
Instruments Tray
Shallow(Mayo)



19-1028
Scaler Tray
20.0 x 10.0 x 1.5 cm



19-1029
Scalers Tray



19-1030
Scalers Tray

HOLLOWWARE ITEMS



HOLLOWWARE ITEMS



19-1043
Sponge Bowl



19-1044
Wash Basin
300mm-350mm-400mm



19-1048
Kick Bucket With Trolley



19-1045
Sponge Bowl



19-1046
Gallipot



19-1047
Medicine Cup



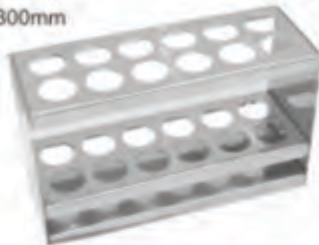
19-1049
Kidney Tray Shallow
150mm-200mm-240mm-300mm



19-1050
Kidney Tray Without Lid
150mm-200mm-250mm-300mm



19-1051
Kidney Tray With Lid
150mm-200mm-250mm-300mm



19-1052
Tube Rack, Stainless Steel 18/10



19-1053
Needle Case Rectangle
Needle Case Round With Cover
90x15



19-1054
Dustbin Without Stand
6-10-12 Ltr



19-1055
Tube Rack, Round Model
Stainless Steel 18/10



19-1056
Dustbin Without Stand & Cap
6-10-12 Ltr



19-1057
Lotion Bowl With Lip
40-60-80-100-120-150-180-200mm

HOLLOWWARE ITEMS



19-1058
Schimmelbusch

	Ø x H sizes in mm
19-1059	80 x 80
19-1060	105 x 120
19-1061	140 x 140

19-1062	160 x 120
19-1063	160 x 150
19-1064	190 x 150

19-1065	190 x 190
19-1066	240 x 160
19-1067	240 x 240

19-1068	290 x 160
19-1069	290 x 240
19-1070	340 x 160
19-1071	340 x 340

19-1072	390 x 190
19-1073	390 x 290



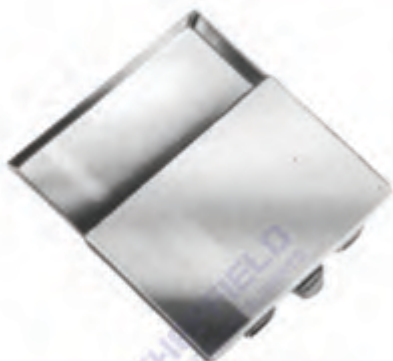
19-1074
Box
120 x 65 x 13mm
(without Bulldog clamps,
without silicone tape)



19-1075
Box with support
120 x 65 x 13 mm
(ohne Bulldogklemmen)



19-1076
Box with support for
needle electrodes,
without instruments



19-1077
50 x 25 x 4,5 mm
19-1078
65 x 42 x 8 mm
19-1079
75 x 25 x 4,5 mm



19-1080
Ø 65mm x 15mm

HOLLOWWARE ITEMS



19-1081

	Ø x H
19-1082	30 x 90 mm
19-1083	50 x 100 mm
19-1084	50 x 130 mm
19-1085	50 x 175 mm
19-1086	75 x 100 mm
19-1087	75 x 130 mm
19-1088	75 x 175 mm
19-1089	100 x 175 mm
19-1090	100 x 200 mm



19-1091

19-1092

Martin Sterilizing Forceps
consisting of:
1 Sterilizing Forceps, curved, 25 cm,
without ratchet, with lid for jar
1 jar with bottom plate (anti-tilt)

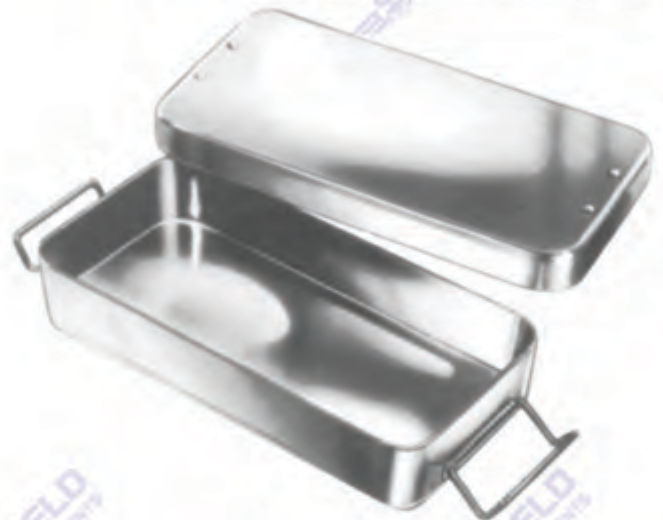
19-1093

ditto, with 32 cm long Sterilizing Forceps



19-1094

19-1095	165 x 85 x 35 mm
19-1096	200 x 100 x 35 mm
19-1097	200 x 100 x 50 mm
19-1098	230 x 130 x 50 mm
19-1099	260 x 150 x 50 mm
19-1100	270 x 235 x 50 mm
19-1101	300 x 200 x 50 mm
19-1102	325 x 275 x 50 mm



19-1103

205 x 105 x 35 mm



HOLLOWWARE ITEMS



19-1104

	Ø x H
19-1105	75 x 60 mm
19-1106	75 x 75 mm
19-1107	100 x 60 mm
19-1108	100 x 100 mm
19-1109	125 x 80 mm
19-1110	125 x 125 mm
19-1111	150 x 150 mm



19-1112
25 cc



19-1113
50 cc



19-1114
20 cc
Medicine Spoon



19-1115
Ø 75 x 12 mm
Tablet Tray



19-1116
Ø 90 x 90 mm
Metal Cup



19-1117
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-1118

19-1119	170 x 100 x 35 mm
19-1120	250 x 140 x 40 mm
19-1121	275 x 150 x 45 mm

HOLLOWWARE ITEMS



19-1122



19-1131

	Ø x H	
19-1123	40 x 19 mm	0.05L
19-1124	61 x 30 mm	0.07L
19-1125	80 x 40 mm	0.14L
19-1126	116 x 50 mm	0.35L
19-1127	128 x 55 mm	0.45L
19-1128	147 x 65 mm	0.70L
19-1129	167 x 75 mm	1.10L
19-1130	187 x 85 mm	1.60L

19-1132	116 x 35 mm	0.30L
19-1133	128 x 38 mm	0.40L
19-1134	147 x 40 mm	0.50L
19-1135	157 x 45 mm	0.75L
19-1136	187 x 45 mm	1.00L



19-1137
Ø 110 x 28 mm 0.15L



19-1138
100 cc 0.1L



19-1139

19-1140	0.25L
19-1141	0.50L
19-1142	1.00L
19-1143	2.00L



19-1144
235 x 190 x 40 mm



19-1145
Ø 220 x 70 mm

HOLLOWWARE ITEMS



19-1146
∅ 50 x 100 mm
Powder Pot



19-1147
∅ 50 x 75 mm
Methot With Lid



19-1148
∅ 50 x 75 mm
Methot Without Lid



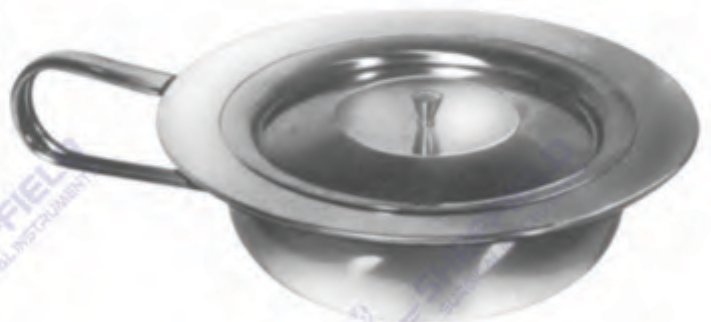
19-1149



19-1150



19-1151



19-1152

19-1153 ∅ 235 mm
19-1154 ∅ 310 mm

STORING CASES



19-1155

19-1156	230 x 130 x 50	mm
19-1157	260 x 150 x 50	mm
19-1158	275 x 235 x 50	mm
19-1159	300 x 200 x 50	mm
19-1160	325 x 275 x 50	mm
19-1161	420 x 175 x 50	mm
19-1162	230 x 130 x 75	mm
19-1163	260 x 150 x 75	mm
19-1164	300 x 200 x 75	mm
19-1165	325 x 275 x 75	mm
19-1166	420 x 175 x 75	mm



19-1167
Deponette
245 x 135 x 35mm



19-1168
Deponette
245 x 135 x 50mm



19-1169
Deponette
245 x 135 x 60mm



STERILIZING BASKETS/ TRAYS



19-1170

19-1171	480 x 250 x 50	mm
19-1172	520 x 250 x 75	mm
19-1173	520 x 250 x 100	mm



19-1174
(60 x 30 x 15 cm)
Nominal dimensions



19-1175

19-1176	240 x 240 x 50	mm
19-1177	240 x 240 x 80	mm
19-1178	240 x 240 x 100	mm
19-1179	480 x 260 x 50	mm
19-1180	520 x 260 x 80	mm
19-1181	520 x 260 x 100	mm

New Edition

SURGICAL

INSTRUMENTS CATALOGUE



SHEFFIELD
SURGICAL INSTRUMENTS

Manufacturer & Exporter Premium Quality Surgical Instruments

