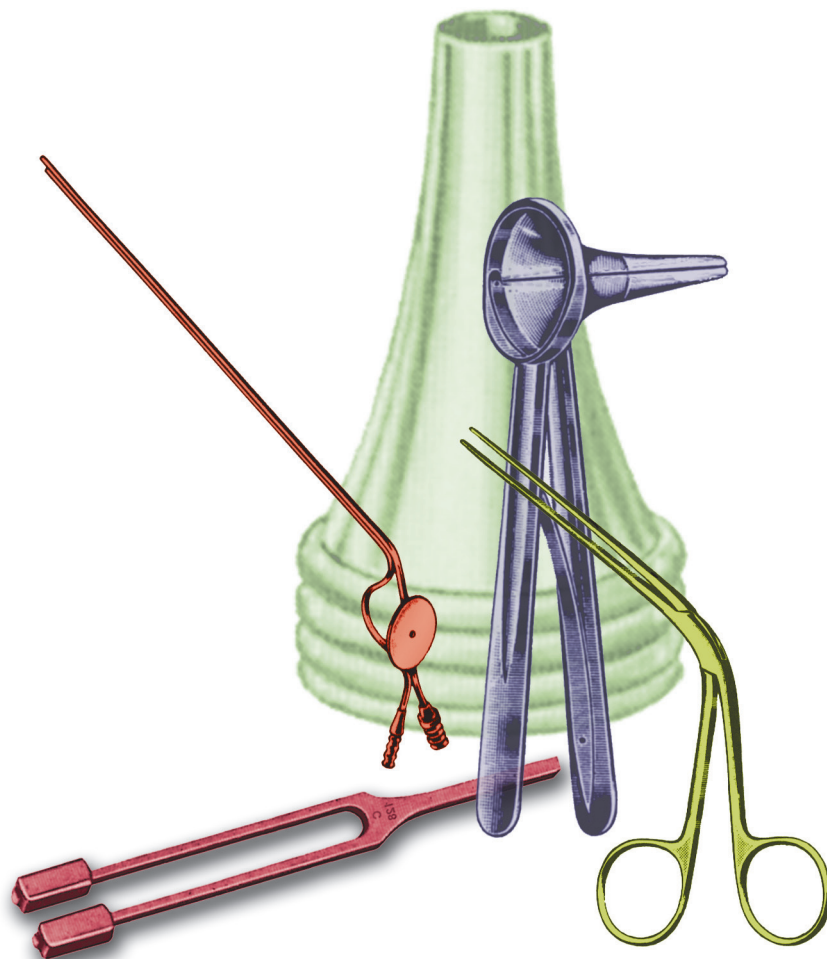


OTOLOGIE
OTOLOGY
OTOLOGIE
OTOLOGIA
OTOLOGIA





HARTMANN

0 - 2

0

32.0001
 # 0
 3,0 mm Ø

1

32.0002
 # 1
 4,5 mm Ø

3

32.0004
 # 3
 6,5 mm Ø



HARTMANN

1 - 4

2

32.0003
 # 2
 5,5 mm Ø

4

32.0005
 # 4
 7,5 mm Ø

32.0006
 Satz/set/jeu
 juego/set
 #0 - 2

32.0007
 Satz/set/jeu
 juego/set
 #1 - 3

32.0008
 Satz/set/jeu
 juego/set
 #2 - 4

32.0009
 Satz/set/jeu
 juego/set
 #1 - 4



TOYNBEE

1

32.0021
 # 1
 4,5 mm Ø

3

32.0023
 # 3
 6,5 mm Ø

2

32.0022
 # 2
 5,5 mm Ø

4

32.0024
 # 4
 7,5 mm Ø

32.0026
 Satz/set/jeu
 juego/set
 #2 - 4

32.0027
 Satz/set/jeu
 juego/set
 #1 - 4

1

32.0051
 # 1
 4,5 mm Ø

1

32.0061
 # 1
 5 mm Ø

1

32.0071
 # 1
 3 mm Ø

2

32.0052
 # 2
 5,5 mm Ø

2

32.0062
 # 2
 6 mm Ø

2

32.0072
 # 2
 4,5 mm Ø

3

32.0053
 # 3
 6,5 mm Ø

3

32.0063
 # 3
 7 mm Ø

3

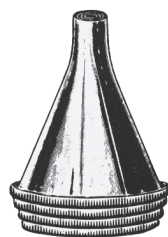
32.0073
 # 3
 5,5 mm Ø



GRUBER

4

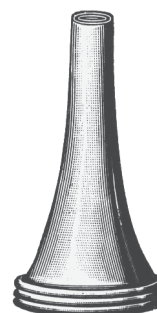
32.0054
 # 4
 7,5 mm Ø



BOUCHERON

4

32.0064
 # 4
 8 mm Ø



POLITZER

4

32.0074
 # 4
 6,5 mm Ø

32.0056
 Satz/set/jeu
 juego/set
 #2 - 4

32.0057
 Satz/set/jeu
 juego/set
 #1 - 4

32.0065
 Satz/set/jeu
 juego/set
 #1 - 4

32.0075
 Satz/set/jeu
 juego/set
 #2 - 4

32.0076
 Satz/set/jeu
 juego/set
 #1 - 4



ZOELLNER

32.0108
Satz/set/jeu
juego/set
#1 - 6



32.0101
1
5,5 x 6,5 mm Ø



32.0104
4
8,5 x 9,5 mm Ø



32.0102
2
6,5 x 7,5 mm Ø



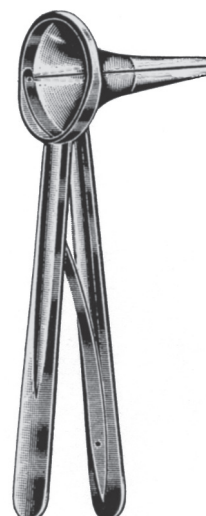
32.0105
5
9,5 x 10,5 mm Ø



32.0103
3
7,5 x 8,5 mm Ø



32.0106
6
10,5 x 11,5 mm Ø



RICHNAU-HOLMGREN

32.0150 # 0, 3 mm Ø



32.0151 # 1, 4 mm Ø



32.0152 # 2, 5 mm Ø



32.0153 # 3, 6 mm Ø



FARRIOR

rund/round/ronde/circular/tondo

○	#1, 3,3 mm Ø	32.0111
		32.0111B
○	#2, 4,3 mm Ø	32.0112
		32.0112B
○	#3, 4,8 mm Ø	32.0113
		32.0113B
○	#4, 5,3 mm Ø	32.0114
		32.0114B
○	#5, 5,8 mm Ø	32.0115
		32.0115B
○	#6, 6,3 mm Ø	32.0116
		32.0116B
○	#7, 6,7 mm Ø	32.0117
		32.0117B
○	#8, 7,2 mm Ø	32.0118
		32.0118B
○	#9, 7,7 mm Ø	32.0119
		32.0119B

32.0110 # 1 - 9
32.0110B # 1 - 9
Satz/set/jeu/juego/set

oval / oval / oval / oval / oval

○	#1, 3,0x4,0 mm	32.0121
		32.0121B
○	#2, 4,0x5,0 mm	32.0122
		32.0122B
○	#3, 4,5x5,5 mm	32.0123
		32.0123B
○	#4, 5,0x6,0 mm	32.0124
		32.0124B
○	#5, 5,5x6,5 mm	32.0125
		32.0125B
○	#6, 6,0x7,0 mm	32.0126
		32.0126B
○	#7, 6,5x7,5mm	32.0127
		32.0127B
○	#8, 7,0x8,0mm	32.0128
		32.0128B
○	#9, 7,5x8,5mm	32.0129
		32.0129B

32.0120 # 1 - 9
32.0120B # 1 - 9
Satz/set/jeu/juego/set



20°



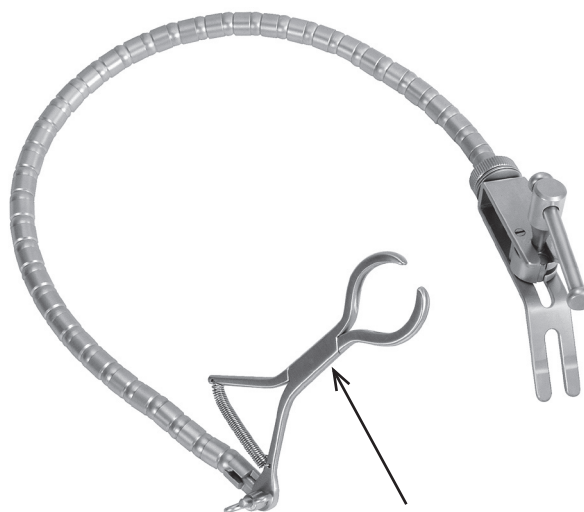
35°



32.0131	32.0141
32.0131B	32.0141B
32.0132	32.0142
32.0132B	32.0142B
32.0133	32.0143
32.0133B	32.0143B
32.0134	32.0144
32.0134B	32.0144B
32.0135	32.0145
32.0135B	32.0145B
32.0136	32.0146
32.0136B	32.0146B
32.0137	32.0147
32.0137B	32.0147B
32.0138	32.0148
32.0138B	32.0148B
32.0139	32.0149
32.0139B	32.0149B

32.0130 # 1 - 9
32.0130B # 1 - 9
Satz/set/jeu/
juego/set

32.0140 # 1 - 9
32.0140B # 1 - 9
Satz/set/jeu/
juego/set



32.0220

LEYLA Ohrspekulahalter komplett
 LEYLA Ear specula holder complete
 LEYLA tendeur de spéculums auriculaires
 LEYLA porta-especulos auriculares compl.
 LEYLA Portaspecoli auricolari completo

32.0229

Ohrtrichterhalter
 Ear specula holder
 Tendeur de spéculums
 Porta-especulos auriculares
 Pinza portaspecoli auricolari

bestehend aus:

27.0705 LEYLA Spannarm allein
 27.0708 LEYLA Fixiervorrichtung für Rohrteile
 32.0229 LEYLA Ohrstrichterhalter

consisting of:

27.0705 LEYLA flexible arm only
 27.0708 LEYLA Fixation base for mounting to bars
 32.0229 LEYLA Ear specula holder

comprenant:

27.0705 LEYLA bras tendeur flexible
 27.0708 LEYLA etau crânien simple pour attacher à potence etc.
 32.0229 LEYLA Tendeur de spéculums

compuesto de:

27.0705 LEYLA brazo flexible
 27.0708 LEYLA dispositivo a fijación al brazo rígido
 32.0229 LEYLA Porta-especulos auriculares

composto da:

27.0705 LEYLA braccio flessibile
 27.0708 LEYLA Fissatore per 1 braccio al braccio
 32.0229 LEYLA Pinza portaspecoli

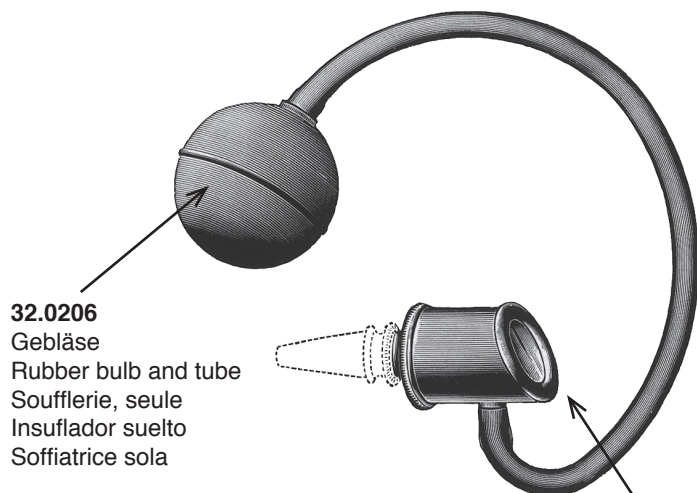
Das komplette LEYLA Retraktor-System finden Sie in unserem Katalog Nr. 1, Seiten 454 – 460

For the complete LEYLA Retractor System please consult our Catalog No. 1, pages 454 – 460

Vous trouvez le système LEYLA complet dans notre catalogue no. 1 pages 454 à 460

El LEYLA Sistema de Separadores completo lo encuentran en nuestro catalogo No.1, en las paginas 454 – 460

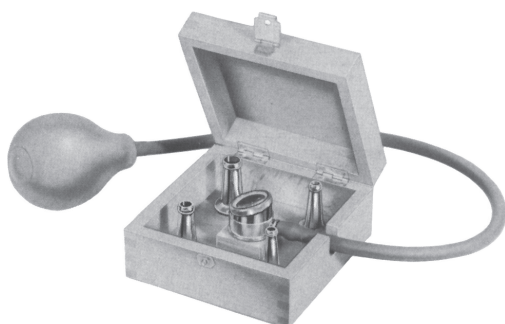
Troverete nostra Sistema LEYLA completa nel nostro Catalogo No. 1 nelle pagine 454 - 460



32.0206
Gebläse
Rubber bulb and tube
Soufflerie, seule
Insuflador suelto
Soffiatrice sola

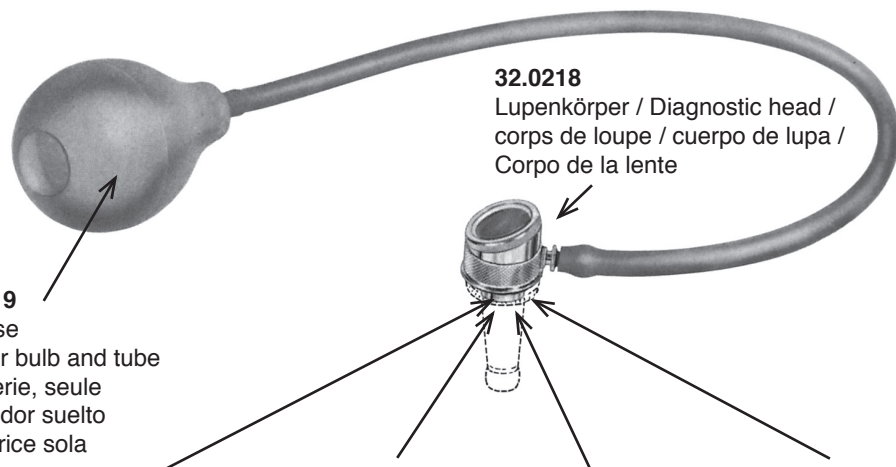
SIEGLE
32.0200
komplett / complete
complet / completo
completo

32.0205
Linse, allein
lens only
lentille seul
lupa suelto
lente solo



BRUENINGS
32.0210
Compl. w/ 4 Specula

32.0219
Gebläse
Rubber bulb and tube
Soufflerie, seule
Insuflador suelto
Soffiatrice sola



32.0218
Lupenkörper / Diagnostic head /
corps de loupe / cuerpo de lupa /
Corpo de la lente

1 2 3 4
6,0 mm Ø 7,5 mm Ø 8,2 mm Ø 10,0 mm Ø



32.0213



32.0214



32.0215



32.0216

1
6,5 mm Ø



32.0201
#1

2
7,0 mm Ø



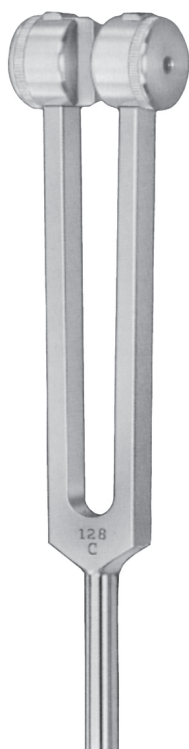
32.0202
#2

3
8,0 mm Ø



32.0203
#3

32.0204
Satz/set/jeu
juego/set
#1 - 3



32.0400
C-128
Aluminium



32.0401
C-256
Aluminium



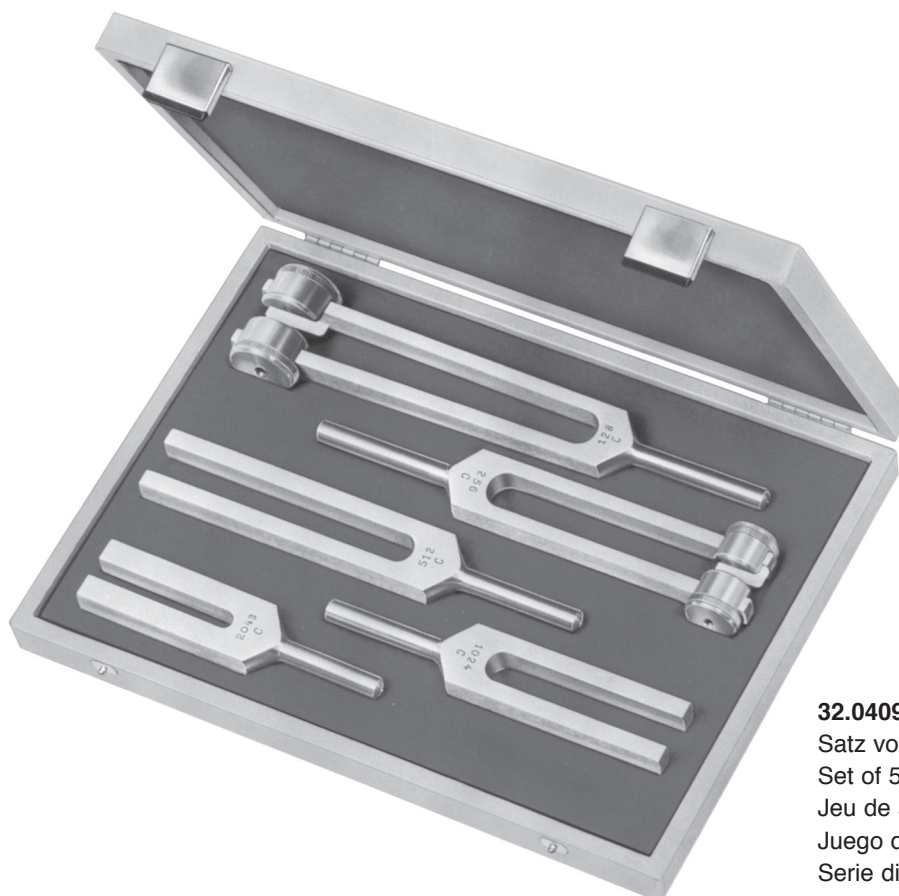
32.0402
C-512
Aluminium



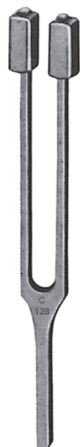
32.0403
C-1024
Aluminium



32.0404
C-2048
Aluminium



32.0409
Satz von 5
Set of 5
Jeu de 5
Juego de 5
Serie di 5



HARTMANN
32.0410
C-128



HARTMANN
32.0411
C-256



HARTMANN
32.0412
C-512



HARTMANN
32.0413
C-1024



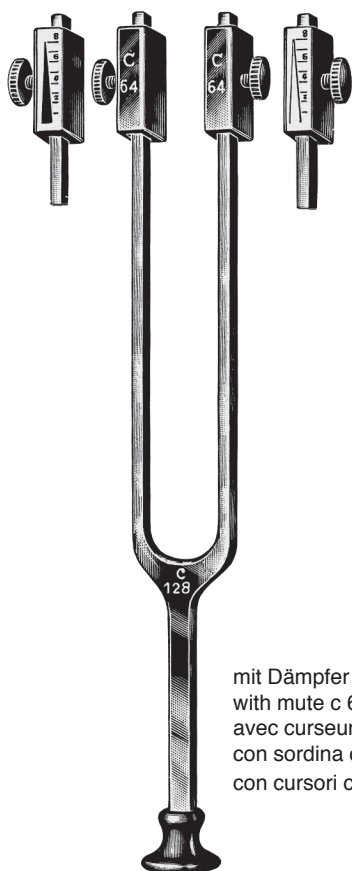
HARTMANN
32.0414
C-2048



HARTMANN
32.0415
C-4096

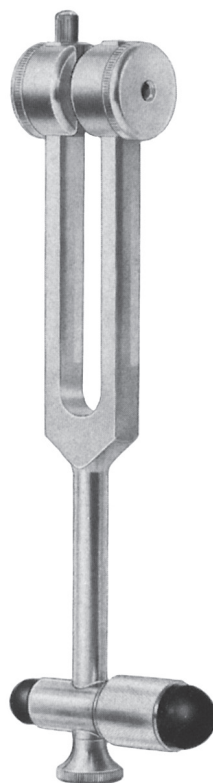


HARTMANN
32.0419
Satz von 5
Set of 5
Jeu de 5
Juego de 5
Serie di 5

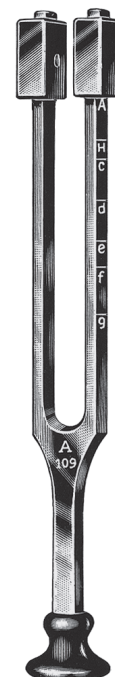


mit Dämpfer c 64; ohne Dämpfer c 128
with mute c 64; without mute c 128
avec curseur c 64; sans curseur c 128
con sordina c 64; sin sordina c 128
con cursori c 64; senza cursori c 128

RYDEL-SEIFFER
32.0424
C-64 / C-128

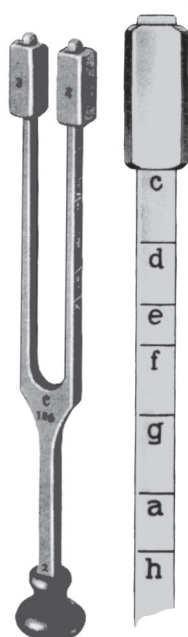


NEUROTONE-5
32.0426



KOENIG
32.0430

a 109, mit Dämpfer, einstellbar bis g
a 109, with mute, adjustable up to g
a 109, avec curseur, réglable jusqu'à g
a 109, con sordina, ajustable hasta g
a 109, con cursori, regolabili fino a g

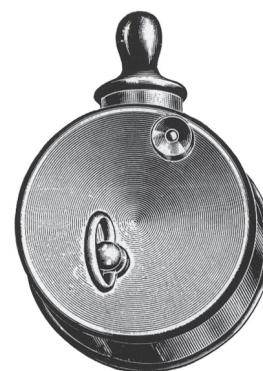


c 128, mit Dämpfer, einstellbar bis h
c 128, with mute, adjustable up to h
c 128, avec curseur, réglable jusqu'à h
c 128, con sordina, ajustable hasta h
c 128, con cursori, regolabili fino a h

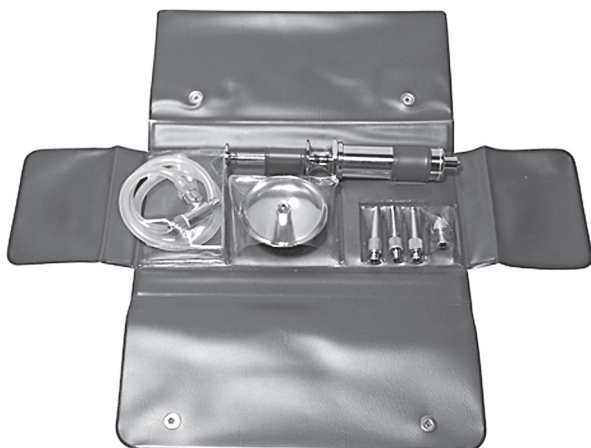
LUCAE
32.0431



32.0434
a1 - 440



BARANY
32.0450
Lärmapparat
Noise apparatus
Assourdisseur
Ensordecedor
Assordatore



AUTOFILL

32.0280

Ganzmetall-Ohrspritze LL selbstfüllend, 10 ml, komplett
All metal ear syringe LL, self-filling, 10 ml, complete
Seringue auriculaire LL, tout métal, auto-remplissante, 10 ml, complète
Jeringa para oído LL, todo metal, auto-rellena, 10 ml, completa
Siringa auricolare LL, di metallo, auto-riempente, 10 ml, completa



AUTOFILL

32.0281

10 ml
Spritze / Syringe
Seringue / Jeringa
Siringa



32.0282

Ventilaufsatz
Valve Attachment
Soupape
Válvula de conexión
Valvola di connessione



32.0283

Verbindungsschlauch
Connecting tube
Tube de connection
Tubo de conexión
Tubo di connessione



32.0284

Saugansatz
Suction Nozzle
Embout à aspiration
Pieza de succión
Aspiratore



32.0285

Schutzschild
Protecting Shield
Plaque de protection
Disco protector
Disco protettivo



32.0286

Metallolive
Metal Olive
Olive en métal
Oliva metálica
Oliva in metallo



32.0287

Konischer Ansatz
Conical Tip
Pointe conique
Punta cónica
Punta conica



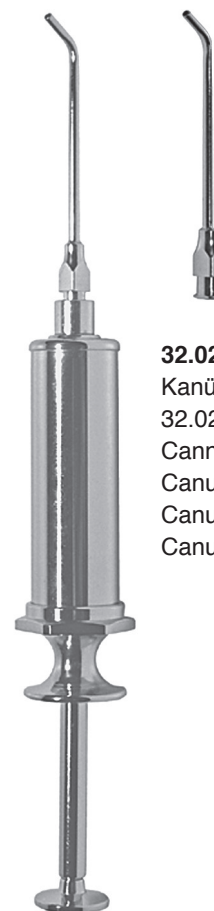
32.0288

Geknöpfte Ansatz
Button-end Tip
Pointe boutonnée
Punta de botón
Punta a bottone



32.0289

Gewindeaufsatz
Threaded Tip
Pointe filetée
Punta de rosca
Punta filettata



32.0297

Kanüle für Wasserspritze
32.0296
Cannula only for 32.0296
Canule seule pour 32.0296
Canula, sola para 32.0296
Canula, sola per 32.0296

32.0296

Ganzmetallspritze LL, selbstfüllend 10 ml, mit 1 Kanüle 32.0297
Metal water syringe LL, self-filling 10 ml, with Cannula 32.0297
Seringue à eau métallique LL, auto-remplissante, 10 ml, avec canule 32.0297
Jeringa metálica de agua LL, auto-rellena, 10 ml, con canula 32.0297
Siringa d'acqua di metallo LL, auto-riempente, 10 ml, con canula 32.0297



REINER-ALEXANDER

32.0301 75cc

32.0302 100cc

32.0303 150cc

komplett mit Teller und 2 Ansätzen
 complete with protecting shield and 2 tips
 complète avec plaque de protection et 2 embouts
 completo con disco protector y 2 puntas
 completo con disco protetivo e 2 punte



KABIERSCHE

32.0340

Pulverbläser
 Powder blower
 Lance-poudre
 Pulverizador
 Polverizzatore



KABIERSCHE

32.0320

Pulverbläser
 Powder blower
 Lance-poudre
 Pulverizador
 Polverizzatore



19.0249
 Silber
 Silver
 Argent
 Plata
 in argento

STACKE
 11 cm



19.0250
 14,5 cm 2 mm
19.0252
 18 cm 2 mm

FISH



19.0500
 12 cm
19.0501
 14 cm
19.0502
 16 cm
19.0503
 18 cm

FARRELL



19.0510
 12 cm
19.0511
 14 cm
19.0512
 16 cm
19.0513
 18 cm

FARRELL



19.0520
 12 cm
19.0521
 14 cm
19.0522
 16 cm
19.0523
 18 cm



19.0530
 12 cm
19.0531
 14 cm
19.0532
 16 cm
19.0533
 18 cm

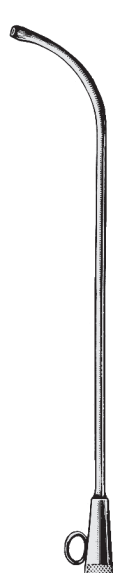


UCKERMANN
19.0540 15 cm



JOBSON-HORNE
19.0550 14,5 cm
19.0553 18 cm

Ohrkatheter
 Ear Catheters
 Sondes auriculaires
 Sondas auriculares
 Sonde auricolari



HARTMANN

-  **32.1001**
1
-  **32.1002**
2
-  **32.1003**
3
-  **32.1004**
4
-  **32.1005**
5



TROELTSCH

-  **32.1021**
1
-  **32.1022**
2
-  **32.1023**
3
-  **32.1024**
4
-  **32.1025**
5

Saug- und Spülinstrumente
 Aspirating- and irrigating instruments
 Instruments à aspiration et à irrigation
 Instrumentos de aspiración y de lavado
 Strumenti per aspirazione e lavaggio



WULLSTEIN
32.1160



WULLSTEIN
32.1161
 16 cm / Ø 1,5 mm
32.1162
 16 cm / Ø 2,0 mm



WULLSTEIN
32.1163
 16 cm
 konisch / conical /
 conique / cónico /
 conico
 Ø 3,0 - 1,75 mm



PLESTER
32.1166
 19,5 cm
 Ø 1,5 mm
32.1167
 Ø 2,0 mm
32.1168
 Ø 2,5 mm
32.1169
 Ø 3,0 mm



ROSEN

32.1170

80x Ø 0,7 mm

32.1172

80x Ø 0,9 mm

32.1174

80x Ø 1,2 mm



ROSEN

32.1171

65x Ø 0,7 mm

32.1173

65x Ø 0,9 mm

32.1175

65x Ø 1,2 mm

32.1177

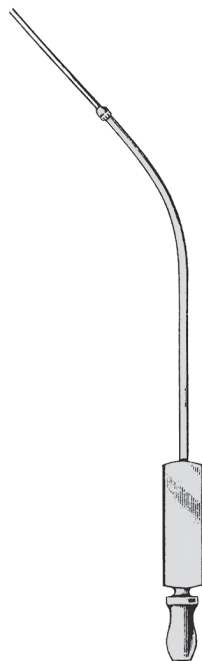
65x Ø 0,5 mm

32.1178

65x Ø 1,5 mm

32.1179

65x Ø 2,0 mm



32.1181

Kanüle alleine

canula only

canule seul

cánula seulto

cannula, sola

ZOELLNER

32.1180 Ø 0,7 mm

komplett / complete

complet / completo

completa



ZOELLNER

32.1185

30 x Ø 0,5 mm

32.1187

30 x Ø 0,7 mm

32.1188

30 x Ø 0,9 mm

32.1189

30 x Ø 1,2 mm



HARTMANN

32.1190

für rechtes Ohr

for right ear

pour l'oreille droite

para oreja derecha

per orecchio destro



HARTMANN

32.1191

für linkes Ohr

for left ear

pour l'oreille gauche

para oreja izquierda

per orecchio sinistro



32.1193

11 cm Ø 3 mm

32.1194

11 cm Ø 3,5mm

32.1195

13 cm Ø 4 mm

konisch

conical

conique

cónico

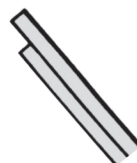
conico



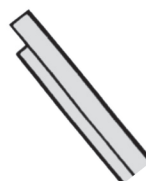
HOUSE
18 cm



27.0070
Ø 1,8 + 1,8 mm



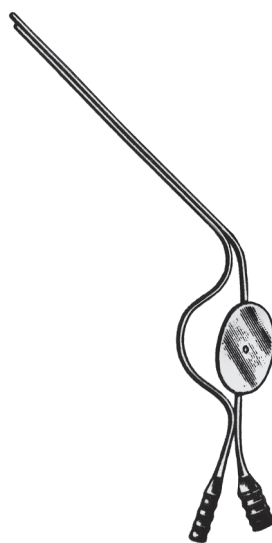
27.0071
Ø 2,5 + 2,0 mm



27.0072
Ø 3,0 + 2,0 mm



HOUSE
27.0073 9 cm / Ø 0,9 + 0,7 mm
27.0074 9 cm / Ø 1,2 + 0,9 mm
27.0075 9 cm / Ø 1,5 + 1,2 mm



FISCH
27.0076 9 cm / Ø 1,8 + 1,8 mm
27.0077 9 cm / Ø 2,5 + 2,0 mm
27.0078 9 cm / Ø 3,0 + 2,0 mm
27.0079 9 cm / Ø 4,5 + 2,0 mm



HOUSE
27.0089
 Adapter
 Adapter
 Adapteur
 Adaptor
 Adattatore Luer / Luer



WULLSTEIN

27.0090

mit Griff und 3 Aufsätzen
with handle and 3 tips
avec manche et 3 pointes
con mango y 3 puntas
con manico e 3 punte

27.0091

Saugerhandgriff
Suction handle
Manche pour canule d'aspiration
Mango para cánula de aspiración
Manico d'aspirazione

27.0094
Ø 0,5 mm



27.0096
Ø 0,7 mm



27.0098
Ø 0,9 mm



27.0094 Ø 0,5 mm

27.0096 Ø 0,7 mm

27.0098 Ø 0,9 mm

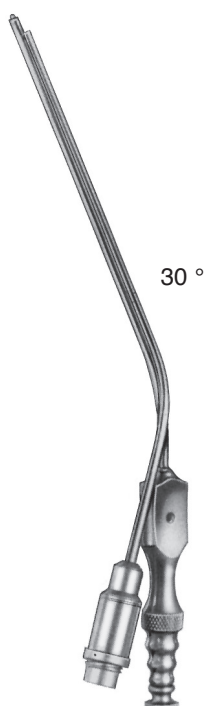
Mikro-Saugkanülen

Micro Suction Cannulae

Tubes micro d'aspiration

Micro tubos de aspiración

Micro-cannule d'aspirazione



30 °

FRAZIER

18 cm

27.0152 8 Fr. 30°

27.0154 10 Fr. 30°

27.0156 12 Fr. 30°

mit Wolf, Storz, ACMI Kaltlicht-Anschluß

with Fiber Optic connectors Wolf, Storz, ACMI

lumière froide avec connecteurs pour Wolf, Storz, ACMI

Luz fría con connexion Wolf, Storz, ACMI

illuminazione alogena con attuccio Wolf, Storz, ACMI



30 °

FRAZIER

18 cm

27.0170 6 Fr. 30°

27.0171 7 Fr. 30°

27.0172 8 Fr. 30°

27.0173 9 Fr. 30°

27.0174 10 Fr. 30°

27.0175 11 Fr. 30°

27.0176 12 Fr. 30°

27.0176E 12 Fr. 30°

27.0179 15 Fr. 30°

E = isoliert / insulated /
isolée / aislante / isolare



FERGUSON

18 cm

27.0180	6 Fr. 75°.
27.0181	7 Fr. 75°
27.0181E	7 Fr. 75°
27.0182	8 Fr. 75°
27.0183	9 Fr. 75°
27.0183E	9 Fr. 75°
27.0184	10 Fr. 75°
27.0185	11 Fr. 75°
27.0185E	11 Fr. 75°
27.0186	12 Fr. 75°
27.0187	15 Fr. 75°

E = isoliert / insulated / isolée /
 aislante / isolare



FRAZIER

18 cm

27.0190	6 Fr.
27.0191	7 Fr.
27.0192	8 Fr.
27.0193	9 Fr.
27.0194	10 Fr.
27.0195	11 Fr.
27.0196	12 Fr.

27.0199

Reinigungsdraht für Frazier / Ferguson Kanülen
 Cleaning Stylet for Frazier / Ferguson
 Tige à nettoyage pour Frazier / Ferguson
 Alambre-limpieza para Frazier / Ferguson
 Filo-puliere per Frazier / Ferguson

PRO-MED ist Ihnen behilflich bei der Zusammenstellung von Operationsbestecken für die verschiedensten Disziplinen. Fragen Sie nach unseren vorbereiteten OP-Bestecken.

For your convenience a wide variety of Suggested Operating Sets for most general and specialized procedures is available from **PRO-MED**. Please contact us or your local dealer.

PRO-MED vous propose de multiples compositions de boîtes opératoires multidisciplinaires. Demandez nos suggestions pour de nombreuses interventions.

PRO-MED le ayuda en componicionar varias cajas de instrumentos quirurgicos. Pregunte por nuestro instrumental quirurgico preparado.

Per la vostra comodità **PRO-MED** Vi aiuta nella raccolta di strumenti chirurgici per le varie discipline. Vi preghiamo di chiedere informazioni sui nostri set di strumenti chirurgici già preparati.



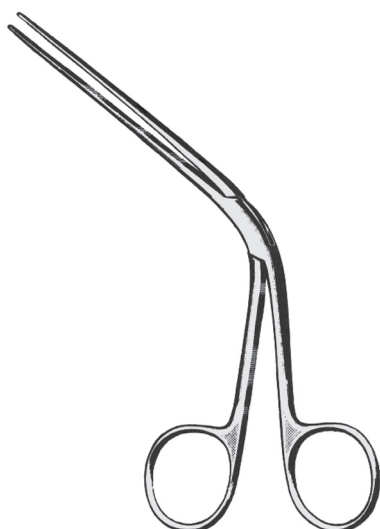
LITTAUER
32.0600
12 cm



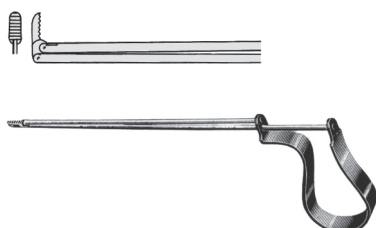
HARTMANN
32.0610
12 cm



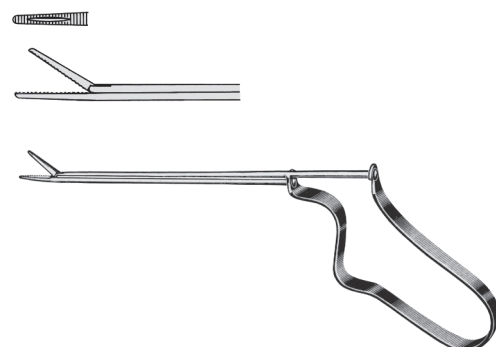
HARTMANN
32.0612
14 cm



TILLEY
32.0615
14 cm



QUIRE
32.0620
10 cm



BUCK
32.0630
11 cm

gerieft
serrated
strié
estriada
morsi zigrinati



HARTMANN

32.0700 8,5 cm
32.0701 14,0 cm
32.0702 16,5 cm



HARTMANN

32.0705 8,5 cm 1x2
32.0706 14,0 cm 1x2
32.0707 16,5 cm 1x2

- 2,0 mm
- 2,5 mm
- 3,0 mm



HERZFELD

32.0710 2,0 mm Ø
32.0712 2,5 mm Ø
32.0714 3,0 mm Ø

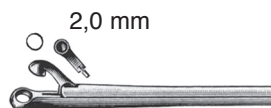
- 3,0 mm



HERZFELD

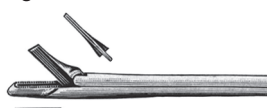
32.0715 3,0 mm Ø

durchschneidend
through-cutting
tranchante
cortante
tagliante



HOFFMANN

32.0720 8,5 cm, 2 mm



HARTMANN

32.0730 8,5 cm



HARTMANN

32.0735 8,5 cm



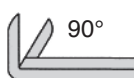
STRUEMPEL

32.0740 8,5 cm



STRUEMPEL

32.0741
2,5mm



STRUEMPEL

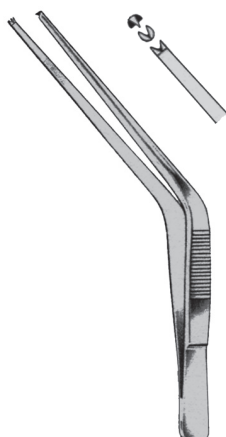
32.0743
2,5mm



STRUEMPEL
32.0700 – 32.0743



TROELTSCH
32.0640
11 cm



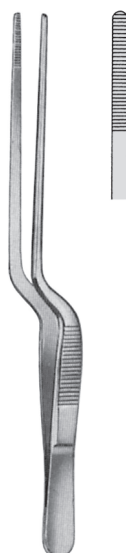
TROELTSCH
32.0641
11 cm, 1x2
32.0644
13 cm, 1x2



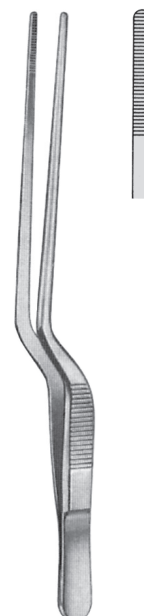
TROELTSCH
32.0642
13 cm



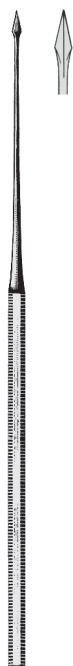
WILDE
32.0650
14 cm



LUCAE
32.0660
14 cm



LUCAE
32.0662
16 cm



POLITZER
32.1200
 16 cm



LUCAE
32.1202
 18 cm



POLITZER
32.1204
 16,5 cm



SEXTON
32.1212
 17 cm

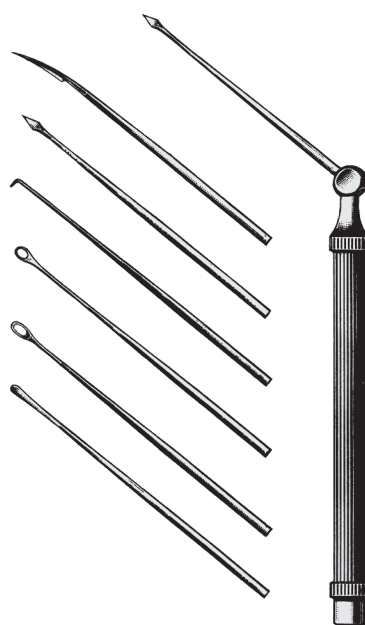


SEXTON
32.1214
 17 cm



POLITZER
32.1220
 16 cm

LUCAE
32.1201
 16 cm
 für Kinder
 for children
 pour enfants
 para ninos
 per bambini



SPRAGUE
32.1250
 Satz
 set
 set
 jeu
 juego
 set



MOLDENHAUER
 32.0636
 16,5 cm



PIFFARD
 14,5 cm



1
 32.1300
 Ø 3 mm



2
 32.1302
 Ø 4 mm



3
 32.1304
 Ø 5 mm



GROSS
 32.1310
 12 cm



GROSS
 32.1315
 12 cm



ZAUFAL
 32.1320
 16 cm



BILLEAU
 16,5 cm



32.1350
 Ø 2 mm



32.1351
 Ø 3 mm



32.1352
 Ø 4 mm



SHAPLEIGH
 13 cm



1
 32.1356



2
 32.1357

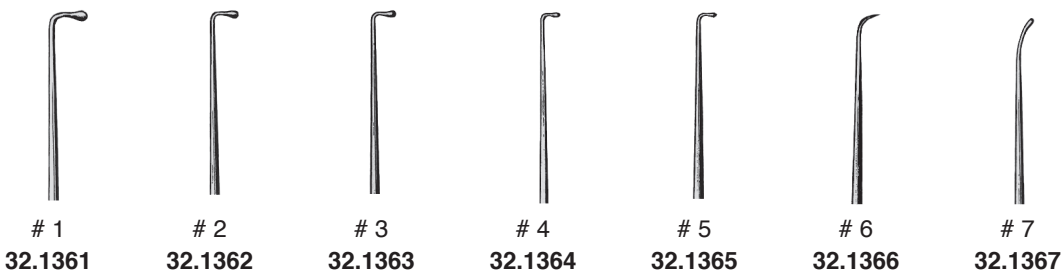
gerieft
 serrated
 striée
 estriado
 striato



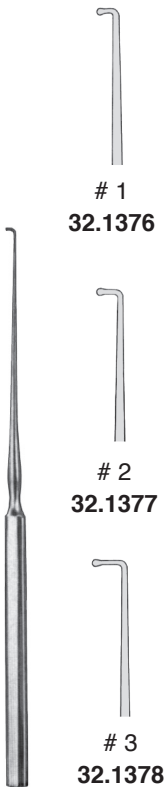
LANGENBECK
 32.1360
 13 cm



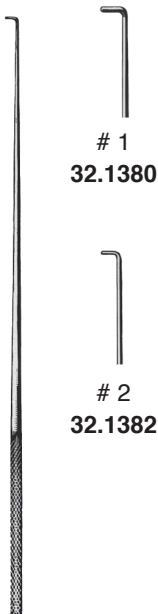
WAGENER
14 cm



ALLPORT
32.1368
16 cm



LUCAE
14 cm



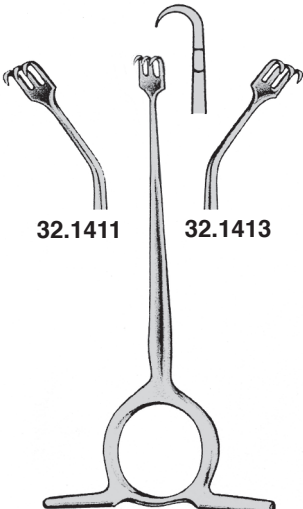
DAY
16 cm



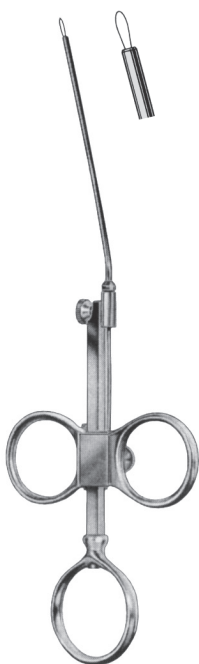
ZAUFAL-JANSEN
32.1400
15 cm



ZAUFAL
32.1402
16 cm



WILLIGER
32.1410
12 cm

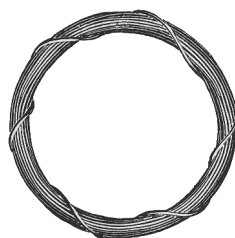


KRAUSE
32.1700
17 cm

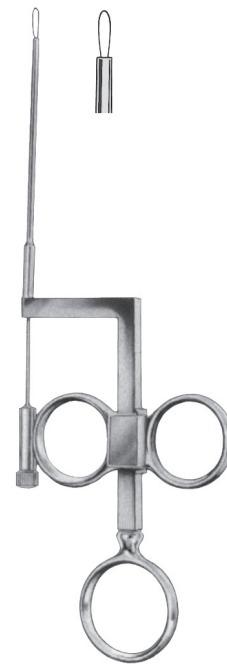


32.1706 0,3 mm
Stahldraht für Polypenschnürer
Steel wire for ear snares
Fil d'acier pour serre-noeuds
Alambre de acero para polipótomos
Filo per allacciare
100 Stück/100 pieces/100 pieces/100 piezas/100 pezzi

32.1709 0,3 mm
12 Stück/12 pieces/12 pieces/12 piezas/12 pezzi

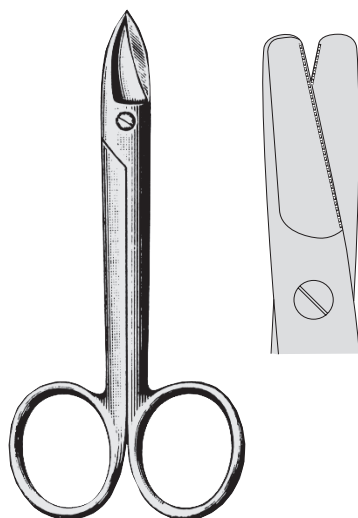


32.1707 0,3 mm
Stahldraht für Polypenschnürer
Steel wire for ear snares
Fil d'acier pour serre-noeuds
Alambre de acero para polipótomos
Filo per allacciare
Rolle mit / coil of / rouleau de /
rollo de / rotolo di 10 m



WILDE
32.1710
16 cm

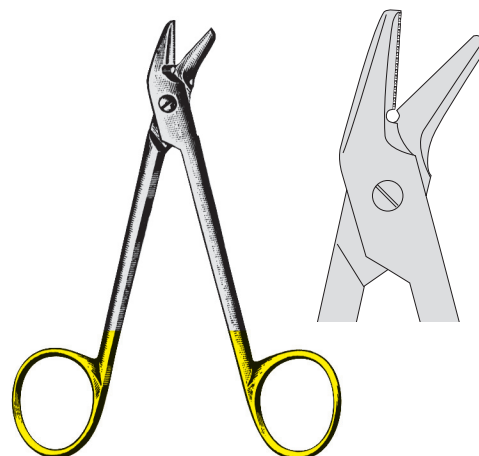
Drahtscheren, Drahtzangen
Wire Cutting Scissors, Wire cutting & -twisting Forceps
Ciseaux à couper fils, Pincas à couper fils
Tijeras para alambre, Pinzas para cortar alambre
Tronchesini, Tenaglie tagliafili



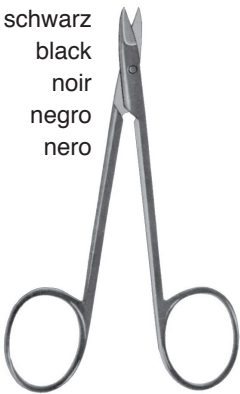
HARVEY
13.2400
13 cm



UNIVERSAL
13.2401
12 cm



UNIVERSAL
13.5401
12,5 cm



schwarz
black
noir
negro
nero

GUILFORD
13.2404 10 cm

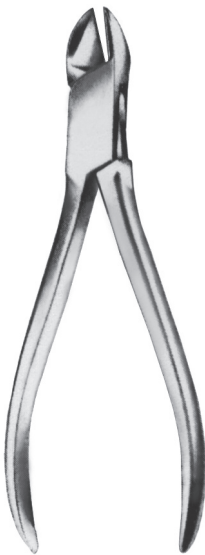


13.2421 10,0 cm
13.2425 12,5 cm

BEEBEE
13.2420 10,0 cm
13.2424 12,5 cm



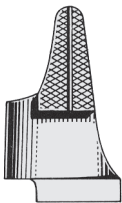
23.4130 14,5 cm
PROMEDUR



23.4135 14,5 cm



23.4150 14 cm



für harten Draht bis Ø
for hard wire up to Ø
pour fil due jusqu'à Ø
para hilo duro hasta Ø
per filo duro a Ø

1,0

1,0

1,0

für weichen Draht bis Ø
for soft wire up to Ø
pour fil souple jusqu'à Ø
para hilo blando hasta Ø
per filo morbido a Ø

1,5

1,5

1,5



SHAMBAUGH-DERLACKI

32.1510

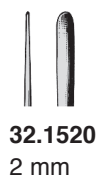
14 cm 1,5 mm

stumpf
blunt
mousse
romo
smusso



LEMPERT

19 cm



WILLIGER

23.0020

16 cm / 5 mm



WILLIGER

23.0022

17 cm / 6,5 mm



KOENIG

23.0028 15 cm



KOENIG

23.0029 15 cm

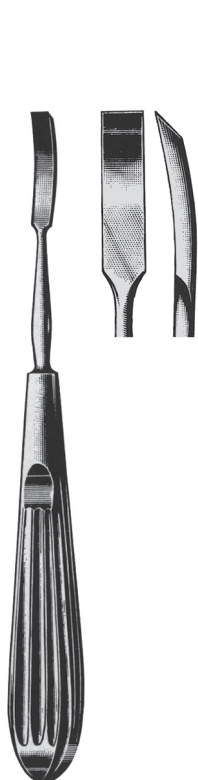


SEBILEAU

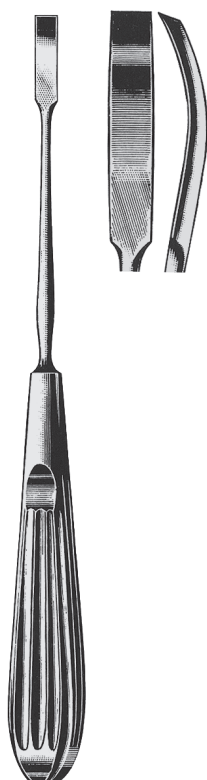
23.0030

17 cm / 5 mm





LEMPERT
32.1530
18 cm



LEMPERT
32.1531
20 cm



LEMPERT
17 cm



32.1532
2 mm



32.1533
3 mm



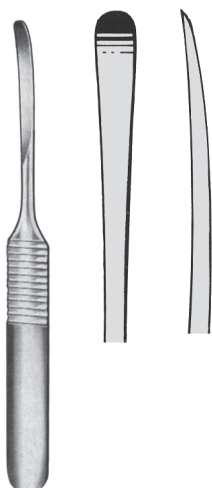
32.1534
4 mm



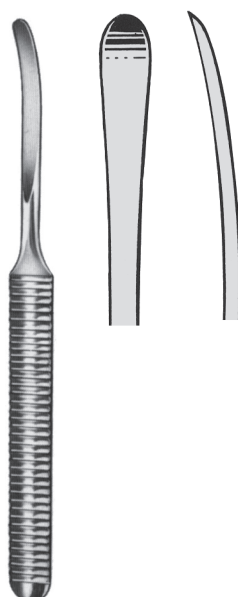
32.1535
5 mm



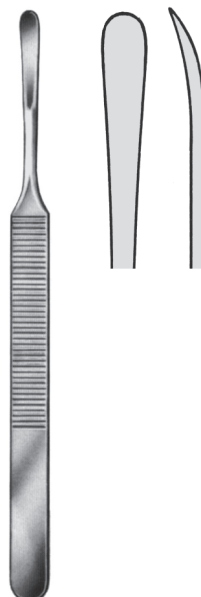
32.1537
3,5 mm



WILLIGER
23.0500
13 cm / 4 mm



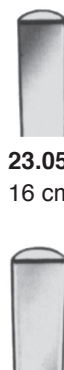
WILLIGER
23.0502
16 cm / 6,5 mm



KOENIG
23.0505
15,5 cm / 5 mm



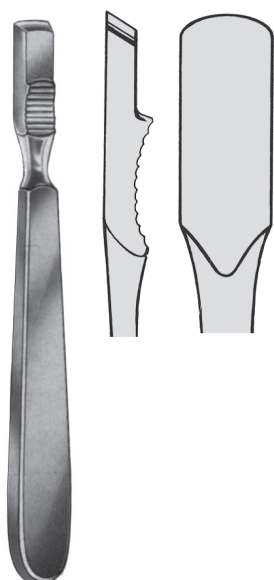
23.0515
16 cm / 5 mm



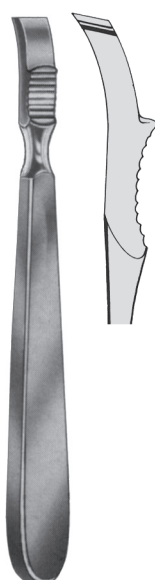
23.0516
16 cm / 6 mm



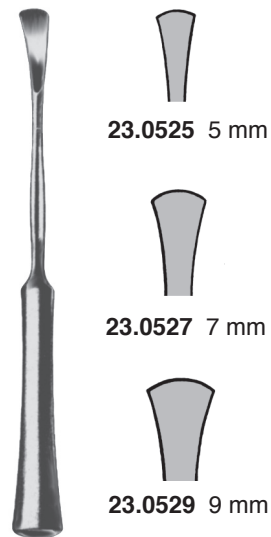
23.0517
16 cm / 7 mm



FARABEUF
23.0520
15 cm / 13 mm



FARABEUF
23.0521
15 cm / 13 mm

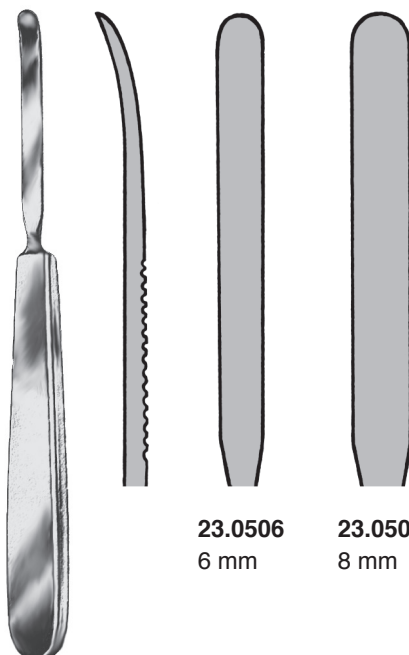


HYLIN
14,5 cm

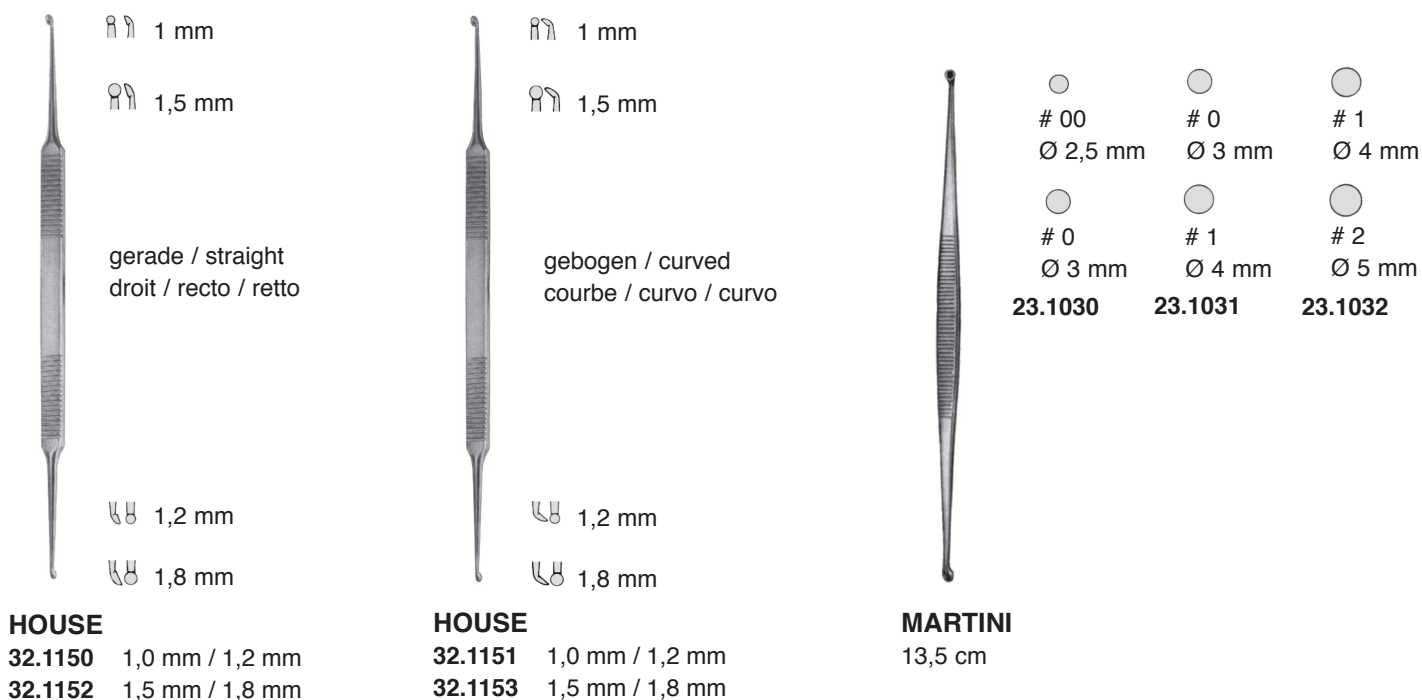
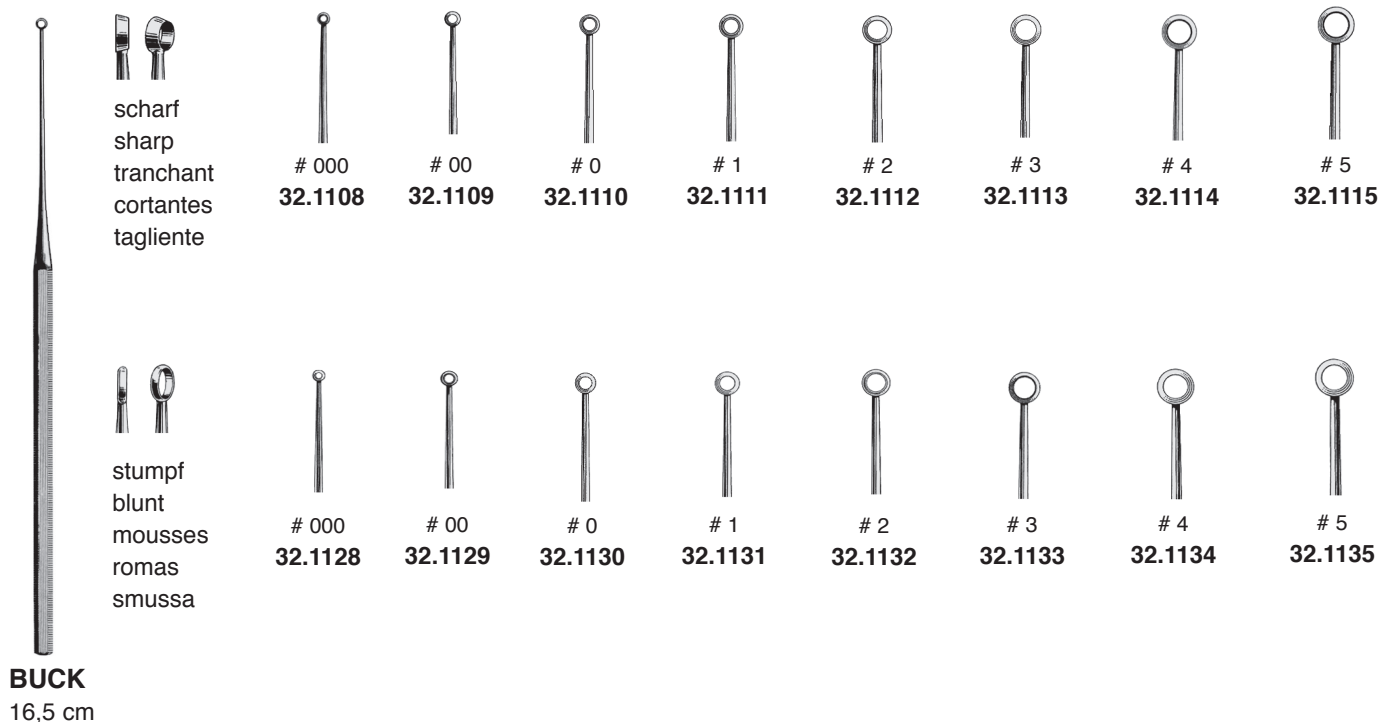


mit Ferrozellgriff
with plastic handle
avec manche en matière plastique
con mango plástico
con manico in plastica

RASPATORIUM
23.0421
19 cm / 6 mm



RASPATORIUM
17 cm





JANSEN
23.1036 16 cm



JANSEN
23.1037 16 cm



WILLIGER
13,5 cm

# 00 Ø 2 mm	# 0 Ø 2,5 mm	# 1 Ø 2,5 mm
# 0 Ø 2,5 mm	# 1 Ø 3 mm	# 2 Ø 2,5 mm
23.1040	23.1041	23.1042



WILLIGER
17,5 cm


23.1020
00
Ø 2,5 mm


23.1021
0
Ø 3,2 mm


23.1022
1
Ø 4 mm


23.1023
2
Ø 5,7 mm


23.1025
00
Ø 3 mm


23.1026
0
Ø 4 mm


23.1027
1
Ø 5 mm


23.1028
2
Ø 6 mm



LEMPERT
21 cm


32.1100
00000
Ø 1,5 mm


32.1101
0000
Ø 2 mm


32.1102
000
Ø 2,2 mm


32.1103
00
Ø 2,5 mm


32.1104
0
Ø 2,7 mm


32.1105
1
Ø 3 mm


32.1106
2
Ø 3,3 mm



VOLKMANN
17 cm


0000
23.1050


000
23.1051


00
23.1052


0
23.1053


1
23.1054


2
23.1055


3
23.1056


4
23.1057


5
23.1058


6
23.1059

Stößel zur Blutstillung
Tampers
Pilons métalliques
Punzones metálicos
Pestone metallici



15,5 cm

23.0842
2 mm

23.0843
3 mm

23.0844
4 mm

23.0845
5 mm

23.0846
6 mm

23.0848
8 mm

23.0850
10 mm



23.0860 2,5 mm

23.0862 3,5 mm

PASSOW



BUCKLEY
16 cm



23.1902
2 mm



23.1903
3 mm



23.1904
4 mm

Flachmeißel / Chisels / Ciseaux-burins /
Cinceles / Scalpelli



23.1912
2 mm

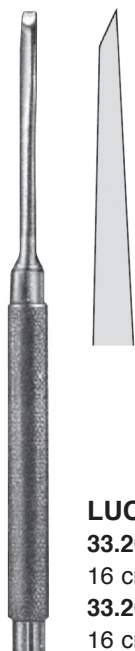


23.1913
3 mm



23.1914
4 mm

Hohlmeißel / Gouges / Gouges /
Gubia / Sgorbi



LUCAS

33.2070

16 cm / 4 mm

33.2072

16 cm / 6 mm

Flachmeißel / Chisels / Ciseaux-burins /
Cinceles / Scalpelli



LUCAS

33.2076

16 cm / 3 mm

33.2078

16 cm / 5 mm

Hohlmeißel / Gouges / Gouges /
Gubia / Sgorbi



23.1410 13,5 cm / 2 mm

23.1411 13,5 cm / 3 mm

23.1412 13,5 cm / 4 mm

23.1413 13,5 cm / 5 mm

23.1414 13,5 cm / 6 mm

23.1415 13,5 cm / 7 mm

23.1416 13,5 cm / 8 mm

Flachmeißel / Chisels / Ciseaux-burins /
Cinceles / Scalpelli

PARTSCH



23.1440 13,5 cm / 2 mm

23.1441 13,5 cm / 3 mm

23.1442 13,5 cm / 4 mm

23.1443 13,5 cm / 5 mm

23.1444 13,5 cm / 6 mm

23.1445 13,5 cm / 7 mm

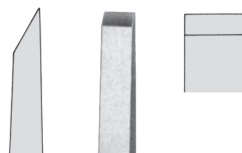
23.1446 13,5 cm / 8 mm

Hohlmeißel / Gouges / Gouges /
Gubia / Sgorbi

PARTSCH



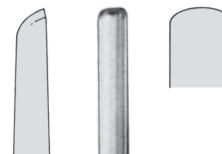
- 23.1458** 13,5 cm / 4 mm
- 23.1459** 13,5 cm / 6 mm
- 23.1460** 13,5 cm / 8 mm
- 23.1461** 13,5 cm / 10 mm
- 23.1462** 13,5 cm / 12 mm
- 23.1463** 13,5 cm / 14 mm
- 23.1464** 13,5 cm / 16 mm



- 23.1468** 13,5 cm / 4 mm
- 23.1469** 13,5 cm / 6 mm
- 23.1470** 13,5 cm / 8 mm
- 23.1471** 13,5 cm / 10 mm
- 23.1472** 13,5 cm / 12 mm
- 23.1473** 13,5 cm / 14 mm
- 23.1474** 13,5 cm / 16 mm



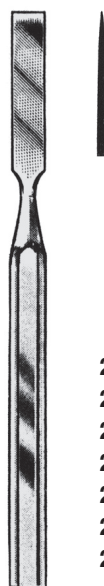
Flachmeißel / Chisels / Ciseaux-burins / Cinceles / Scalpelli



- 23.1478** 13,5 cm / 4 mm
- 23.1479** 13,5 cm / 6 mm
- 23.1480** 13,5 cm / 8 mm
- 23.1481** 13,5 cm / 10 mm
- 23.1482** 13,5 cm / 12 mm
- 23.1483** 13,5 cm / 14 mm
- 23.1484** 13,5 cm / 16 mm

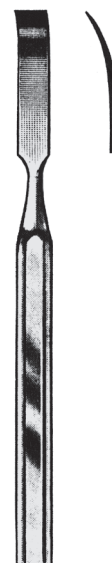


Osteotome / Osteoromes / Gouges / Gubias / Sgorbie



HOKE
14 cm

- 23.1486** 3 mm
- 23.1488** 4 mm
- 23.1490** 5 mm
- 23.1492** 6 mm
- 23.1494** 8 mm
- 23.1496** 10 mm
- 23.1498** 12 mm



HOKE
14 cm

- 23.1487** 3 mm
- 23.1489** 4 mm
- 23.1491** 5 mm
- 23.1493** 6 mm
- 23.1495** 8 mm
- 23.1497** 10 mm
- 23.1499** 12 mm

mit Ferrozellgriff
 with artificial wood-handles
 avec manches en bois artificiel
 con mangos de madera artificial
 con manico in plastica



MINI-LEXER

23.1630 4 mm
23.1631 6 mm
23.1632 8 mm
23.1633 10 mm
23.1634 12 mm
 18 cm



MINI-LEXER

23.1640 4 mm
23.1641 6 mm
23.1642 8 mm
23.1643 10 mm
23.1644 12 mm
 18 cm



OSTEOTOME

23.1680 10 mm
23.1682 15 mm
23.1684 20 mm
 20 cm



OSTEOTOME

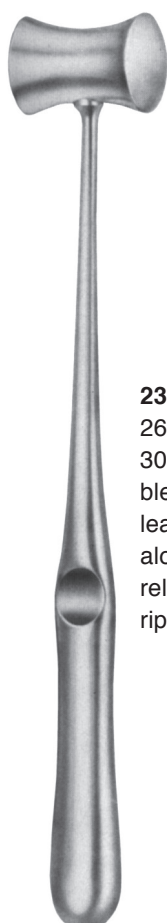
23.1681 10 mm
23.1683 15 mm
23.1685 20 mm
 20 cm



23.1280
22 mm Ø
200 g
bleigefüllt
lead filled
alourdi de plomb
relleno de plomo
ripieno di piombo

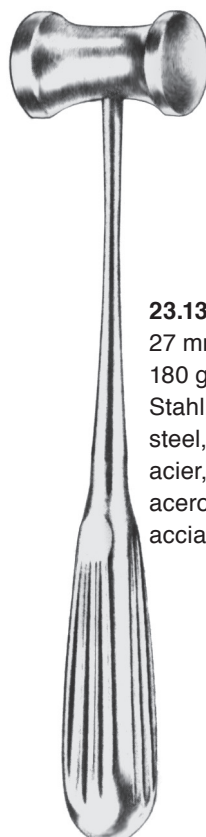
23.1281
22 mm Ø
Stahl, massiv
steel, solid
acier, massif
acero, macizo
acciaio, massiccio

PARTSCH
18 cm



23.1290
26 mm Ø
300 g
bleigefüllt
lead filled
alourdi de plomb
relleno de plomo
ripieno di piombo

WILLIGER
24 cm



23.1300
27 mm Ø
180 g
Stahl, massiv
steel, solid
acier, massif
acero, macizo
acciaio, massiccio

HAJEK
21 cm



23.1302
20 mm Ø
140 g
bleigefüllt
lead filled
alourdi de plomb
relleno de plomo
ripieno di piombo

23.1304
20 mm Ø
Stahl, massiv
steel, solid
acier, massif
acero, macizo
acciaio, massiccio

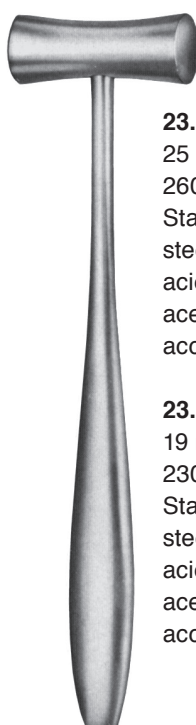
THIESS
16,5 cm



23.1305
25 mm Ø
200 g
mit auswechselbaren Kunststoffbacken
with interchangeable nylon disks
avec disques en nylon interchangeables
con tapas de nylon intercambiables
con placce in nylon

23.1306
25 mm Ø
Kunststoffbacken allein, paarweise
nylon disks only, pair
disques en nylon de rechange, paire
tapas de nylon sueltas, par
placche di ricambio (paio)

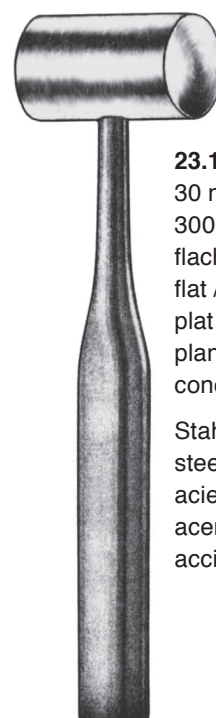
18 cm



23.1310
25 mm Ø
260 g
Stahl, massiv
steel, solid
acier, massif
acero, macizo
acciaio, massiccio

23.1311
19 mm Ø
230 g
Stahl, massiv
steel, solid
acier, massif
acero, macizo
acciaio, massiccio

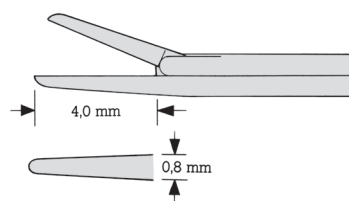
LUCAE
19 cm



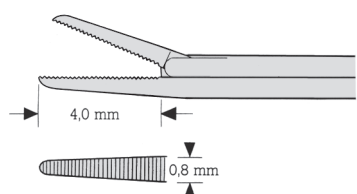
23.1315
30 mm Ø
300 g
flach / convex
flat / convex
plat / convexe
plano / convexo
concavo / convesso

Stahl, massiv
steel, solid
acier, massif
acero, macizo
acciaio, massiccio

COTTLE
19 cm



glatt
smooth
lisse
lisa



gezahnt
serrated
dentées
dentadas



HARTMANN-MIKRO
32.0801 – 32.0809



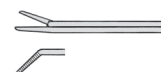
32.0801
4x0,8 glatt / smooth / lisse / lisa / liscio



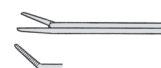
32.0805
4x0,8 gezahnt / serrated / dentées / dentadas / morsi zirginati



32.0806
4x0,8 aufgebogen / curved up
courbe vers le haut / curva hacia arriba / curva in alto



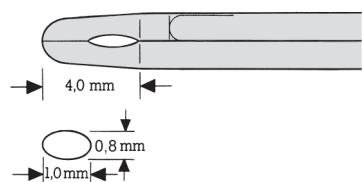
32.0807
links / left / à gauche / a izquierda / sinistra



32.0808
rechts / right / à droite / a derecha / destra



32.0809
abwärts gebogen / curved downwards / coudé en bas /
angulado hacia abajo / angolato in basso



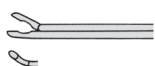
WULLSTEIN
32.0810 – 32.0814



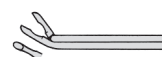
32.0810
gerade / straight
droit / recto / retto



32.0811
links / left / à gauche /
a izquierda / sinistra



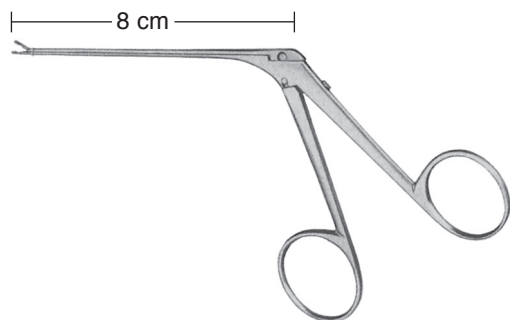
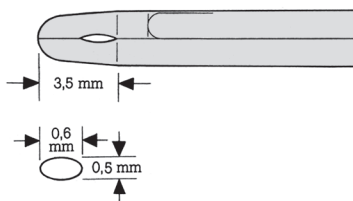
32.0812
rechts / right / à droite /
a derecha / destra



32.0813
aufgebogen / curved up
courbe vers le haut / curva hacia
arriba / curva in alto



32.0814
abwärts gebogen / curved downwards /
coudé en bas / angulado hacia abajo /
angolato in basso



HARTMANN - WULLSTEIN
32.0815 – 32.0819



32.0815
gerade / straight / droits / derecha / retto



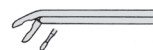
32.0816
links / left / à gauche / a izquierda / sinistra



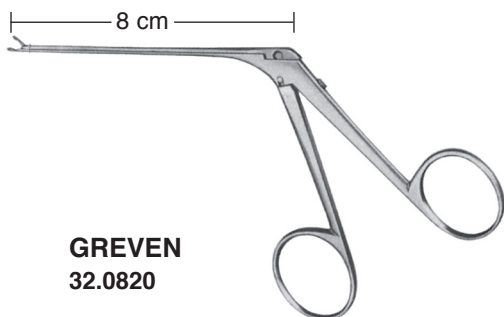
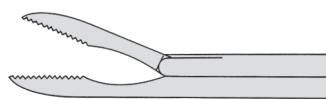
32.0817
rechts / right / à droite / a derecha / destra



32.0818
aufgebogen / curved up / courbe vers le haut / curva
hacia arriba / curva in alto



32.0819
abwärts gebogen / curved downwards / coudé en bas /
angulado hacia abajo / angolato in basso



GREVEN
32.0820

Ø 1 mm



8 cm



WULLSTEIN
32.0825
1 mm Ø
32.0826
2 mm Ø

Hammerkopfzängchen
Malleus Nippers
Pincers pour l'os marteau
Pinzas para cabezal del maléolo
Pinze per testa del martelletto



32.0830

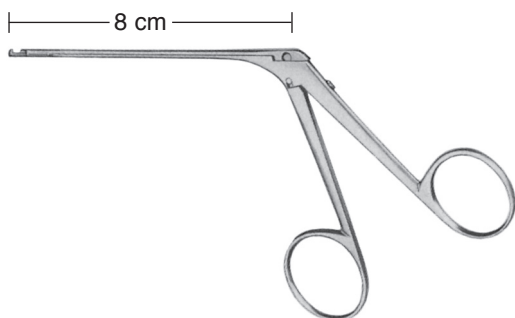
oben schneidend / up-cutting / tranchante en haut /
corte arriba / tagliente in alto



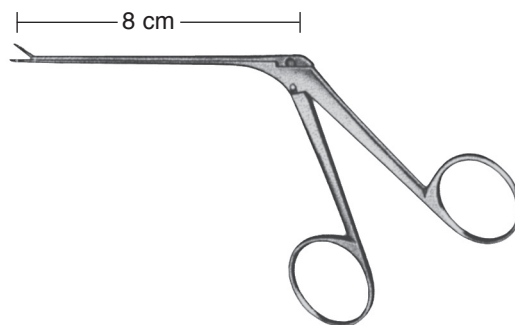
32.0832

unten schneidend / down-cutting / tranchante en bas /
corte abajo / tagliente in basso

Einführungszängchen für Teflonprothesen
Introducing Forceps for Teflon prosthesis
Pince pour introduction des prothèses de téflon
Pinza para introducir prótesis de teflon
Pinza per introduzione protesi en teflon

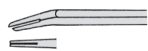
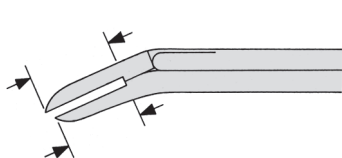


DIETER

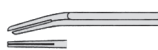


FULLER
32.0860

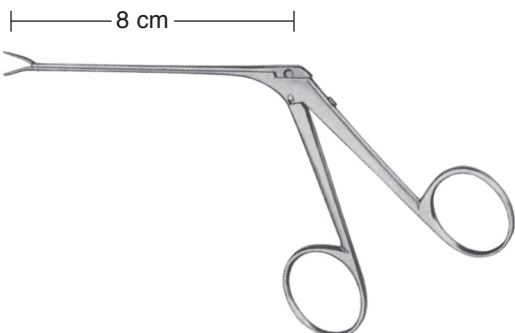
Drahtbiegezängchen
Wire Bending Forceps
Pincers à plier les fils d'acier
Pinzas para plegar alambre
Pinze per piegare fili metallici



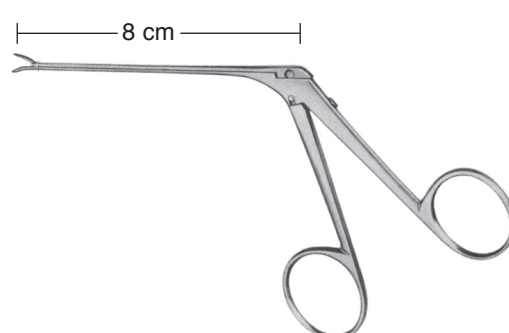
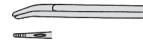
32.0850
0,8 x 3,5 mm



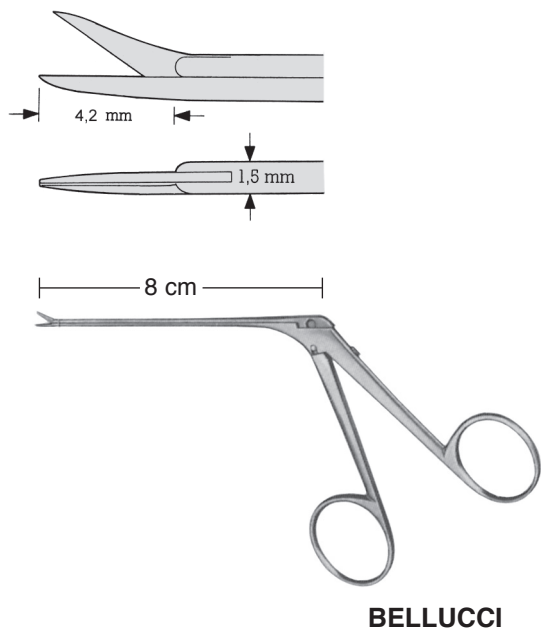
32.0852
0,8 x 6 mm



McGEE

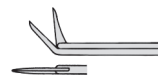


SCHUKNECHT
32.0840



32.0900

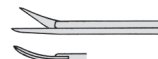
gerade / straight / droit / recto / retto



32.0901

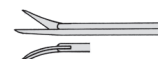
aufgebogen / curved up

courbe vers le haut / curva hacia arriba / curva in alto



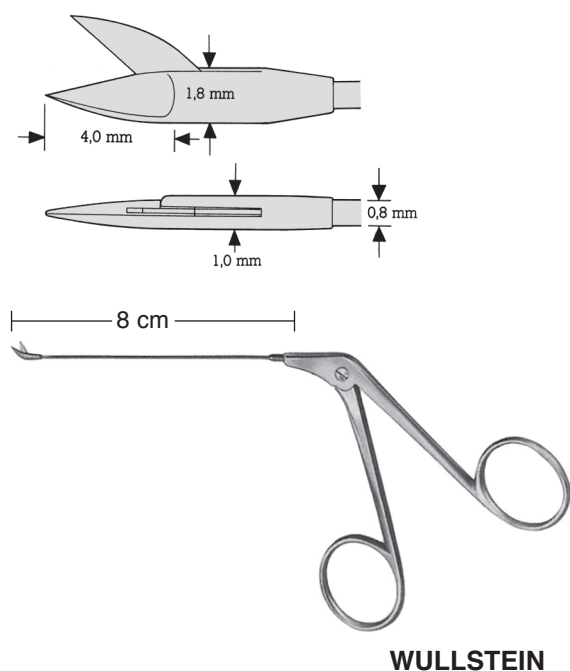
32.0902

rechts / right / à droite / a derecha / destra



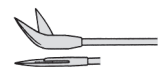
32.0903

links / left / à gauche / a izquierda / sinistra



32.0905

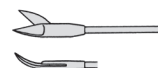
gerade / straight / droit / recto / retto



32.0906

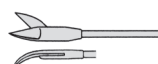
aufgebogen / curved up

courbe vers le haut / curva hacia arriba / curva in alto



32.0907

rechts / right / à droite / a derecha / destra



32.0908

links / left / à gauche / a izquierda / sinistra



32.0910

gerade / straight / droit / recto / retto



32.0911

aufgebogen / curved up

courbe vers le haut / curva hacia arriba / curva in alto



32.0912

rechts / right / à droite / a derecha / destra



32.0913

links / left / à gauche / a izquierda / sinistra

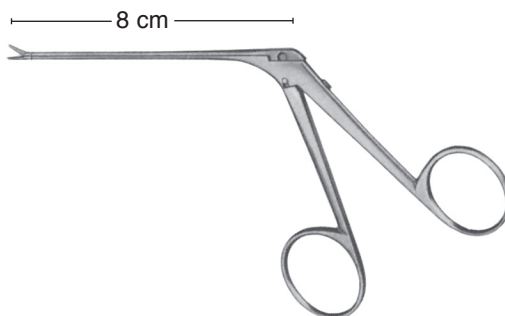
PRO-MED ist Ihnen behilflich bei der Zusammenstellung von Operationsbestecken für die verschiedensten Disziplinen. Fragen Sie nach unseren vorbereiteten OP-Bestecken.

For your convenience a wide variety of Suggested Operating Sets for most general and specialized procedures is available from **PRO-MED**. Please contact us or your local dealer.

PRO-MED vous propose de multiples compositions de boîtes opératoires multidisciplinaires.
Demandez nos suggestions pour de nombreuses interventions.

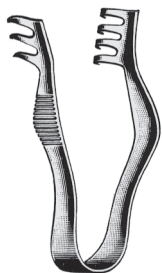
PRO-MED le ayuda en componer varias cajas de instrumentos quirúrgicos.
Pregunte por nuestro instrumental quirúrgico preparado.

Per la vostra comodità **PRO-MED** Vi aiuta nella raccolta di strumenti chirurgici per le varie discipline. Vi preghiamo di chiedere informazioni sui nostri set di strumenti chirurgici già preparati.

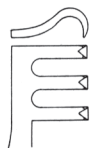


SHEA-BELLUCCI

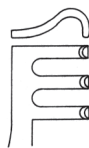
7 mm



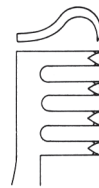
FINSEN



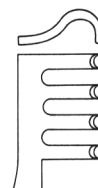
17.5000 5 cm
spitz
sharp
pointu
agudo
appuntato



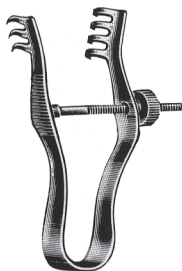
17.5001 5 cm
stumpf
blunt
mousse
romo
smusso



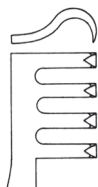
17.5002 7 cm
spitz
sharp
pointu
agudo
appuntato



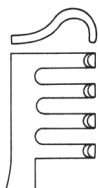
17.5003 7 cm
stumpf
blunt
mousse
romo
smusso



FINSEN



17.5006 7 cm
spitz
sharp
pointu
agudo
appuntato



17.5007 7 cm
stumpf
blunt
mousse
romo
smusso



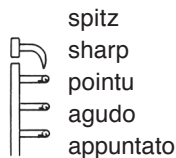
17.5008 8 cm
17.5009 11 cm



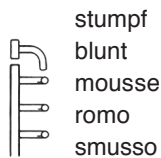
BOSE
36.0120 7 cm
Tracheal-Wundspreizer
Trachea Retractor
Ecarteur trachéal
Retractor traqueal
Divaricatore tracheale



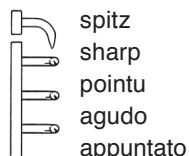
ALM



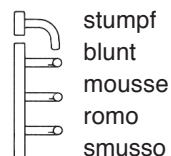
17.5010 7 cm



17.5011 7 cm



17.5012 10 cm



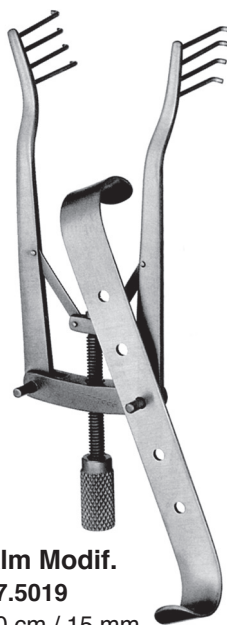
17.5013 10 cm



Alm Modif.
17.5015
7 cm / 5,5 mm
stumpf
blunt
mousse
romo
smusso



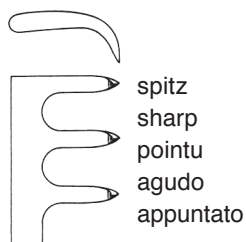
Alm Modif.
17.5017
7 cm / 16 mm
stumpf
blunt
mousse
romo
smusso



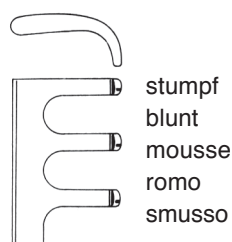
Alm Modif.
17.5019
10 cm / 15 mm



HOLTZHEIMER
17.5020 10 cm
scharf/sharp/pointu/
agudo/appuntato
17.5021 10 cm
stumpf/blunt/mousse/
romo/smusso



17.5100 10.5 cm



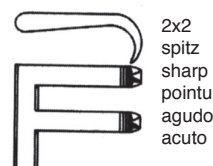
17.5101 10.5 cm



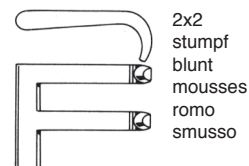
JANSEN



ALLPORT
17.5150 10 cm



17.5204 10 cm
17.5206 13 cm



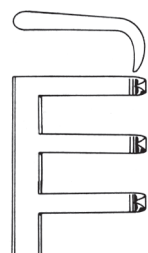
17.5205 10 cm
17.5207 13 cm



PLESTER



WULLSTEIN

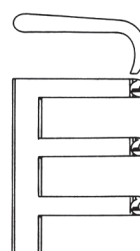


spitz
sharp
pointu
agudo
acuto

17.5400 10,5 cm

17.5402 13,0 cm

17.5404 16,0 cm



stumpf
blunt
mousses
romo
smusso

17.5401 10,5 cm

17.5403 13,0 cm

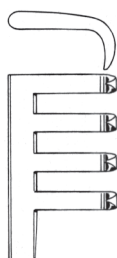
17.5405 16,0 cm



MOLLISON

17.5406

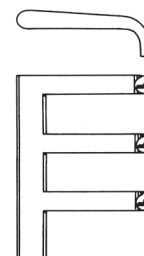
15 cm



MILLIGAN

17.5410

13 cm





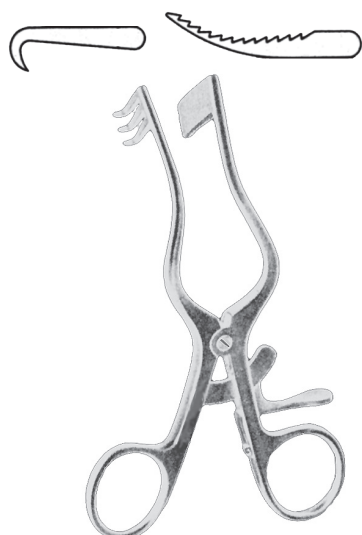
SCHUKNECHT
17.5416
13 cm



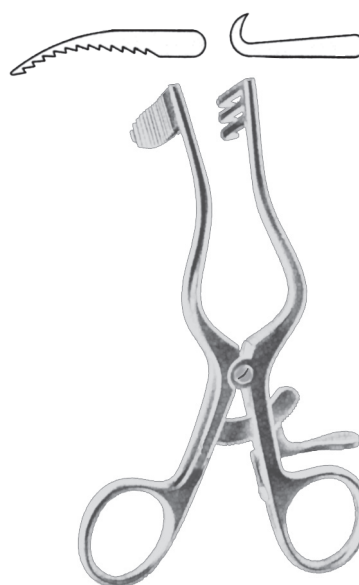
PLESTER-R
17.5450
10,5 cm



PLESTER-L
17.5451
10,5 cm



PERKINS-R
17.5446
13 cm



PERKINS-L
17.5447
13 cm



SCHUKNECHT

32.2500 #1

Rollmesser
Roller knife
Bistouri à lame
tournante
Cuchillo redondo
Coltello rotondo



SCHUKNECHT

32.2501 #2

Rollmesser
Roller knife
Bistouri à lame
tournante
Cuchillo redondo
Coltello rotondo



SCHUKNECHT

32.2511

Sichelmesser
Sickle knife
Bistouri en faucille
Cuchillo en forma
de hoz
Coltello falciforme



WULLSTEIN

32.2521

Sichelmesser
Sickle knife
Bistouri en faucille
Cuchillo en forma
de hoz
Coltello falciforme



TABB

32.2531

Sichelmesser
Sickle knife
Bistouri en faucille
Cuchillo en forma
de hoz
Coltello falciforme



PLESTER

32.2540 3.5 mm Ø

Lappenmesser
Flap knife
Bistouri lenticulaire
Cuchillos para
lóbulos
Coltello per lobi



AUSTIN

32.2544

16 cm
Diszissionsmesser für die Fußplatte
Discision Knife for the footplate
Couteau à discision pour la platine de l'étrier
Cuchillo de discision para la platina estapediense
Coltello da siscissione per la platina dello stapes



AUSTIN

32.2545

16 cm
Sichelmesser
Sickle knife
Bistouri en faucille
Cuchillo en forma de hoz
Coltello falciforme

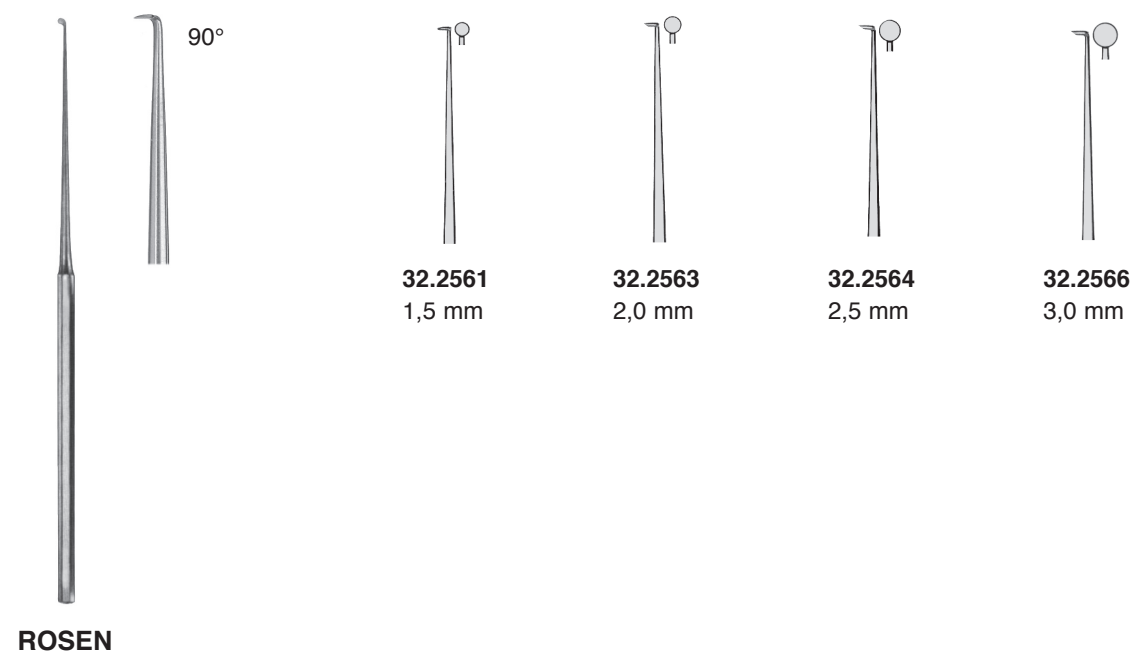
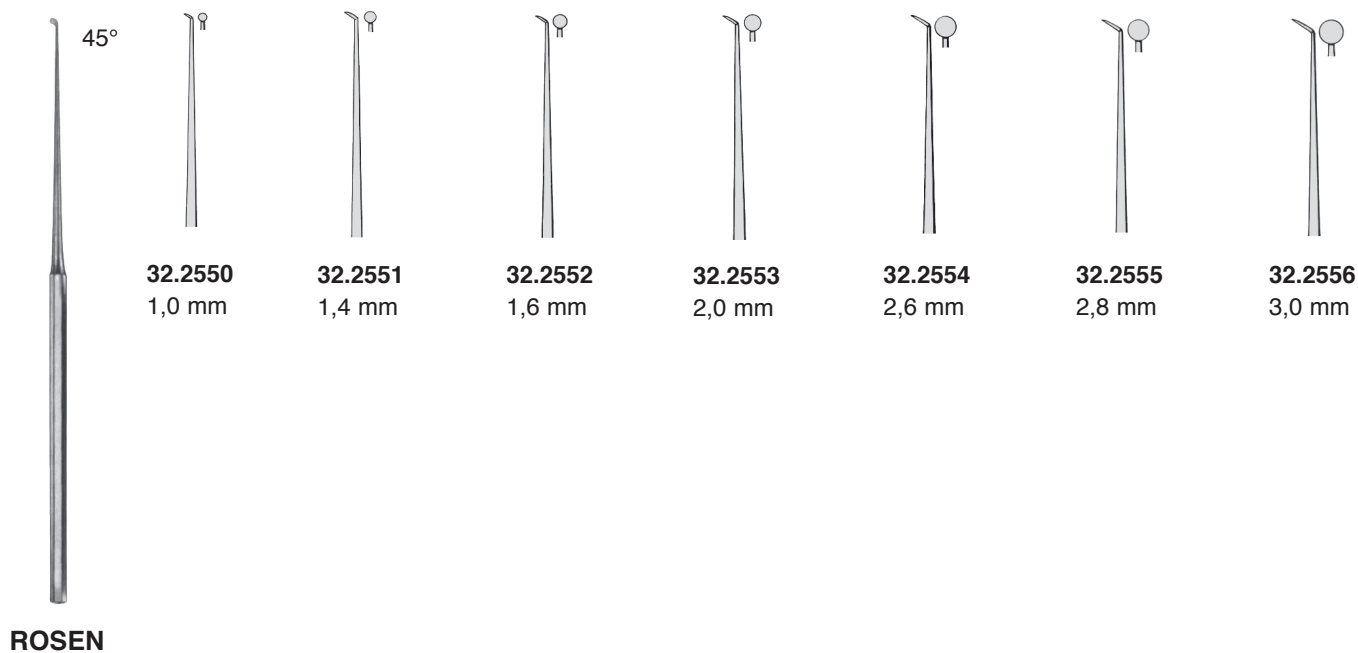


ROSEN

32.2560

45°
Inzissionsmesser
Incision Knife
Couteau à incision
Cuchillo para incisiones
Coltello per incisione

Rundschnittmesser
Circular knife
Bistouri lame ronde
Cuchillos circulares
Coltelli rotondi





32.2700



32.2701



32.2703



32.2705



ROSEN
32.2711



BARBARA
32.2700 – 32.2782



25°

32.2750 0,3 mm
32.2751 0,6 mm
32.2752 1,0 mm



45°

32.2760 0,3 mm
32.2761 0,6 mm
32.2762 1,0 mm
32.2763 1,2 mm
32.2764 1,5 mm
32.2765 2,0 mm
32.2766 2,5 mm



90°

32.2770 0,3 mm
32.2771 0,6 mm
32.2772 1,0 mm
32.2773 1,2 mm
32.2774 1,5 mm
32.2775 2,0 mm
32.2776 2,5 mm



32.2781 0,5 mm
32.2782 1,0 mm



32.2800 – 32.2818



90°

32.2800 0,3 mm
32.2801 0,6 mm
32.2802 1,0 mm



90°

32.2805 0,3 mm
32.2806 0,6 mm
32.2807 1,0 mm



McGEE
32.2811 0,5 mm
32.2813 1,0 mm



McGEE
32.2816 0,5 mm
32.2818 1,0 mm



32.2830 – 32.2867



BARBARA
32.2830



ROSEN
32.2840



25°

32.2850 0,3 mm
32.2851 0,6 mm
32.2852 1,0 mm



25°

32.2855 0,3 mm
32.2856 0,6 mm
32.2857 1,0 mm



45°

32.2860 0,3 mm
32.2861 0,6 mm
32.2862 1,0 mm



45°

32.2865 0,3 mm
32.2866 0,6 mm
32.2867 1,0 mm



32.2871
 16 cm, 0,4 mm
 Fußplattenhäkchen
 Footplate Hook
 Crochet pour la platina de l'étrier
 Ganchito para la platina estapediense
 Uncino per la platina dello stapes



32.2837
 2 mm 60° 16 cm
 Schaber
 Scraper
 Rugine
 Rascador
 Raschiatoio



32.2872
 16 cm
 Führungsgabel
 Guide fork
 Support conducteur
 Soporte de guía
 Supporto di guida

PLESTER



FISCH

Dissektoren
Dissectors
Dissecteurs
Disecadores
Dissettori



32.2900



32.2901



32.2902



32.2903

PRO-MED ist Ihnen behilflich bei der Zusammenstellung von Operationsbestecken für die verschiedensten Disziplinen. Fragen Sie nach unseren vorbereiteten OP-Bestecken.

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GOLDMANN
32.2977

Ø0,8 mm
 Mobilisator 1,8 mm
 Mobilizer 1,8 mm
 Mobilisateur 1,8 mm
 Movilizador 1,8 mm
 Mobilizzatore 1,8 mm



GOLDMANN
32.2979

Ø1,0 mm
 Stopfer Ø 1 mm
 Plugger Ø 1 mm
 Fouloir Ø 1 mm
 Obturador Ø 1 mm
 Otturatore Ø 1 mm



BUCKINGHAM
32.2910 0,5 mm

Trepan,spitz
 Hand drill, sharp
 Trépan pointu
 Trépano, agudo
 Trefina con punta



BUCKINGHAM
32.2911 1,0 mm

Trepan,spitz
 Hand drill, sharp
 Trépan pointu
 Trépano, agudo
 Trefina con punta



BUCKINGHAM
32.2912 1,5 mm

Meißel, flach
 Hand chisel, flat
 Rugin
 Cincel, plano
 Osteotomo piatto



32.2918
1,0 mm, 16 cm



32.2920
1,5 mm, 16 cm

Flachmeißel
 Chisels
 Ciseaux-burin
 Cinceles
 Osteotomi



32.2923
0,3 mm, 16 cm

32.2924
0,4 mm 16 cm

32.2925,
0,5 mm, 16 cm

32.2926
0,6 mm, 16 cm

32.2927
0,7 mm, 16 cm

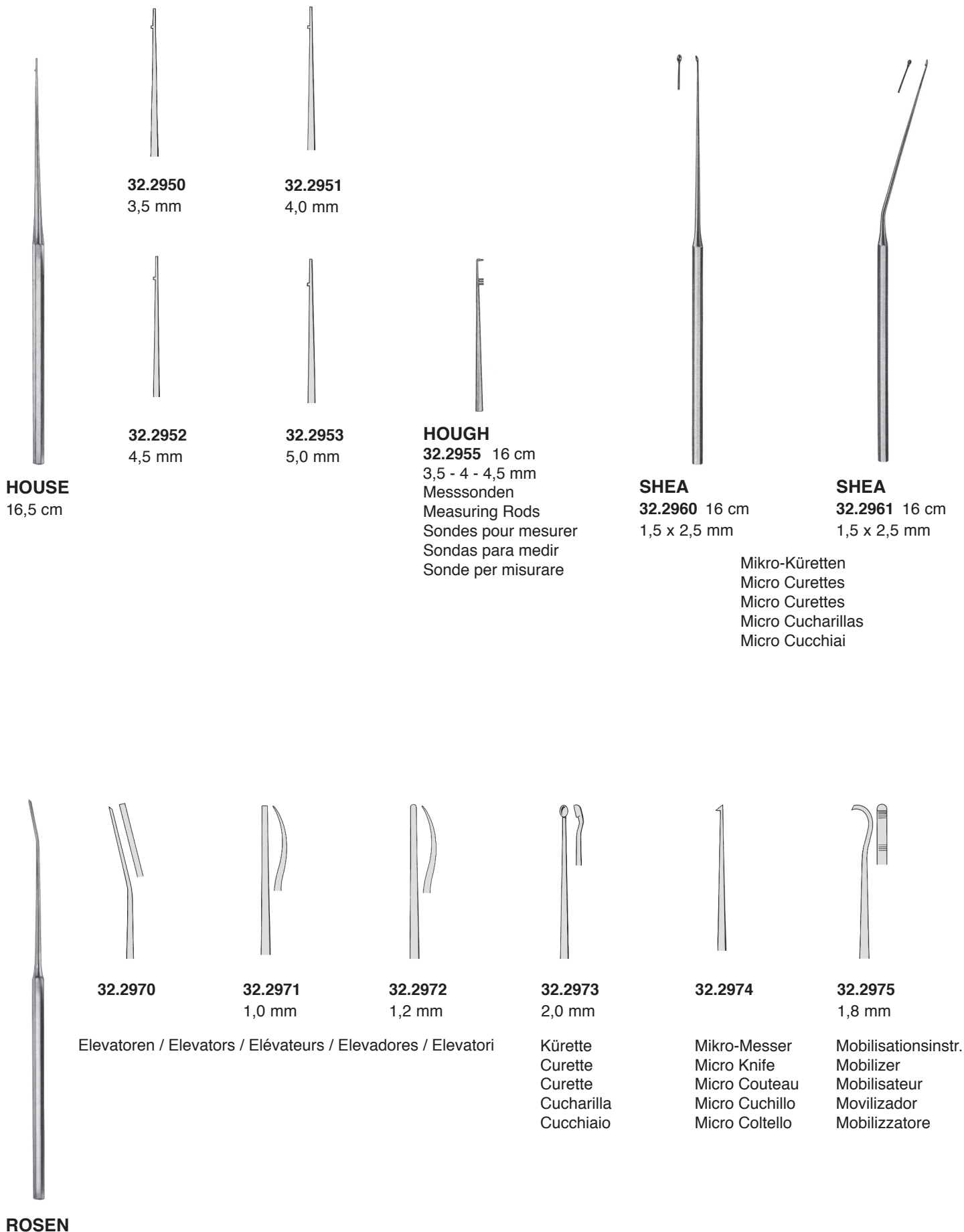
32.2928
0,8 mm, 16 cm

Mikro-Perforatoren
 Micro Perforators
 Micro Perforateurs
 Micro Perforadores
 Micro Perforatore



FISCH

AUSTIN





FRIEDMANN-MINI
23.2600 12 cm



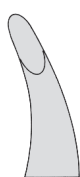
FRIEDMANN
23.2601 14 cm



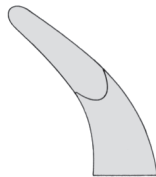
PEARSON
23.2602 14,5 cm



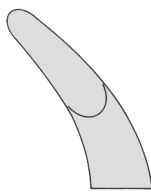
LUER
15 cm



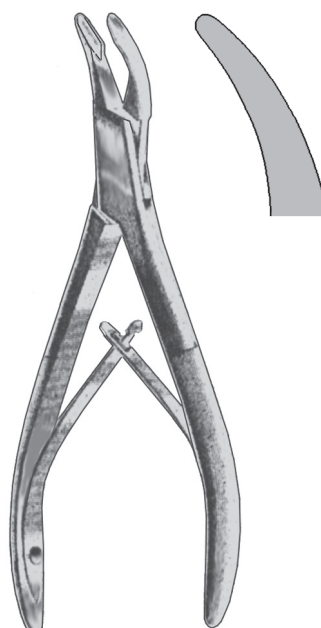
23.2603



23.2606



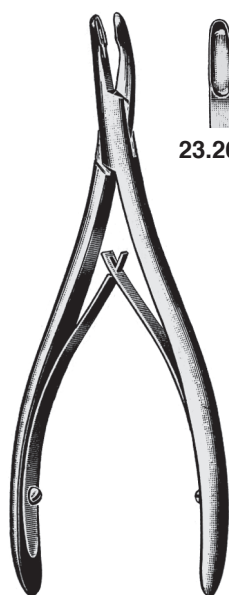
23.2607



CICHERELLI
23.2609 16,5 cm



BEYER
23.2611 18 cm



23.2620

23.2621

LEMPERT
16 cm



23.2627

23.2629

STELLBRINK
17 cm



23.2802
2 mm

23.2803
2 mm

BÖHLER
15 cm



BEYER
23.2831 18 cm



ZAUFAL-JANSEN
23.2833 18 cm



MAYFIELD
23.2835 18,5 cm



COTTLE-KAZANJIAN
23.3005 19 cm



LITTAUER-LISTON
23.3020 15 cm



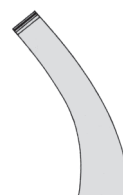
CLEVELAND
23.3050 17 cm #5



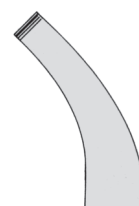
CLEVELAND
23.3052 15 cm #5S



CLEVELAND
16 cm



23.3054
6A



23.3056
6



BOEHLER
23.3100 15 cm



BOEHLER
23.3101 15 cm



McINDOE
23.3111 17,5 cm