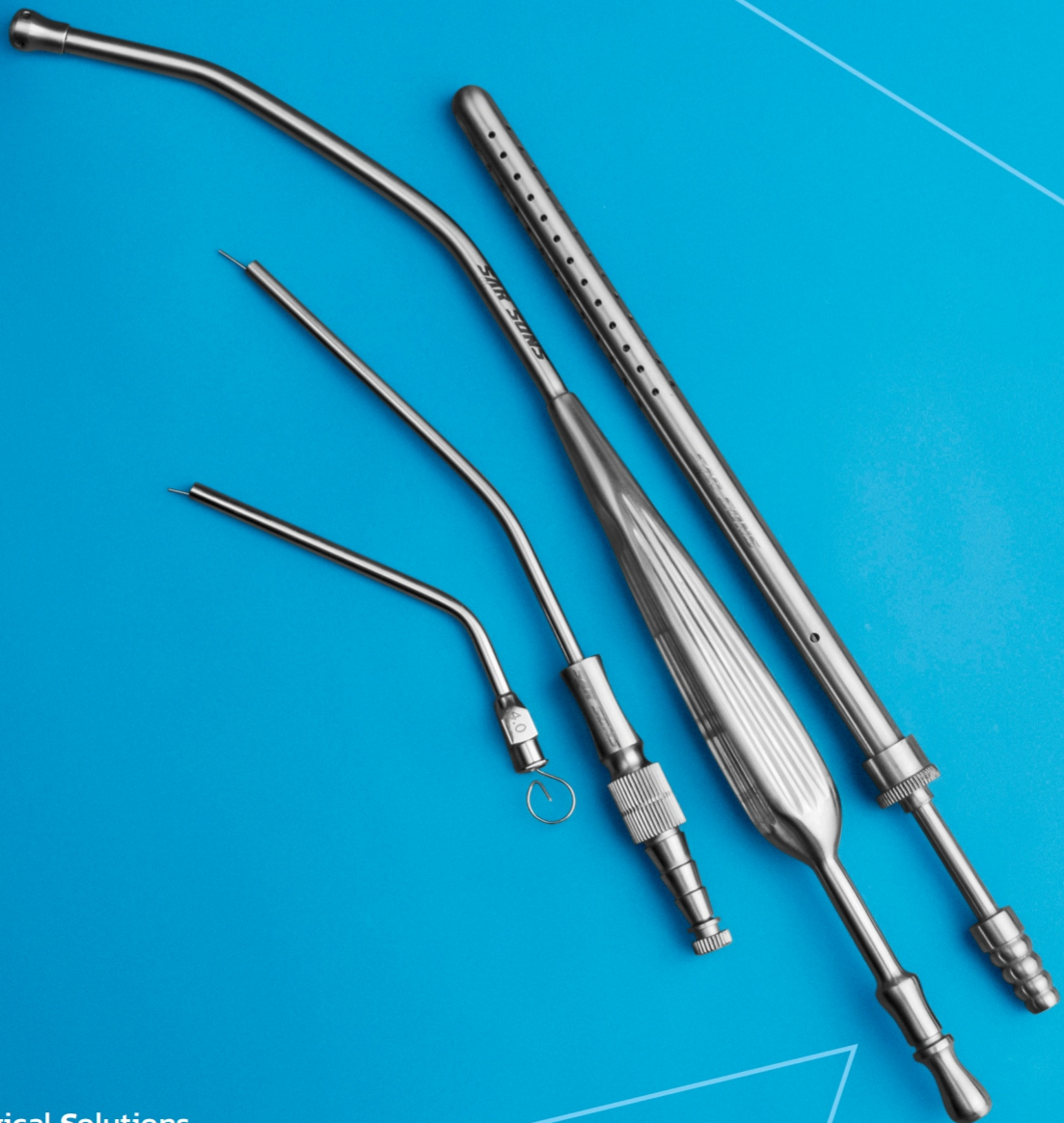


PRECISION ASPIRATION AND PROBES

Precision in Every Stitch



Trokare
Trocars
Trocarts
Trócares
Trequarti



UNIVERSAL

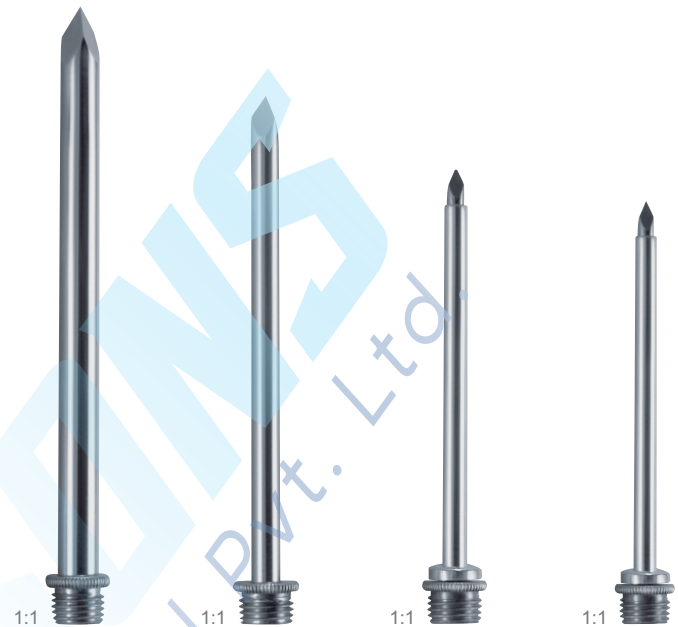


	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	6.0 mm Ø	4.5 mm Ø	3.0 mm Ø	1.75 mm Ø
11-101-003		x	x	x
11-101-004	x	x	x	x

Satz
Set
Jeu
Juego
Serie

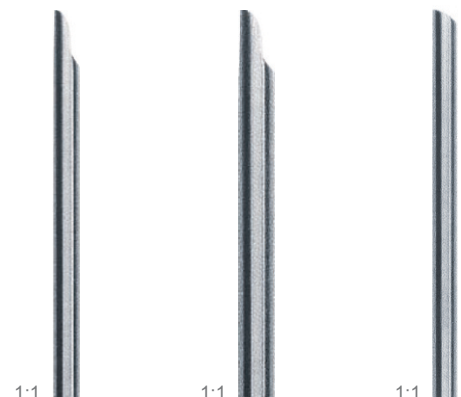


UCKERMANN

	8 mm Ø	10 mm Ø
130 mm – 5"	11-102-008	11-102-010



SINUS



	3.5 mm Ø	5.0 mm Ø	5.0 mm Ø
170 mm – 6 ¾"	11-103-035	11-104-050	11-105-033

Trokare
Trocars
Trocarts
Trócares
Trequarti



LICHTWITZ

1:2

	1.5 mm Ø	1.8 mm Ø	2.0 mm Ø
190 mm – 7 ½ "	11-106-150	11-107-180	11-107-200



OCHSNER

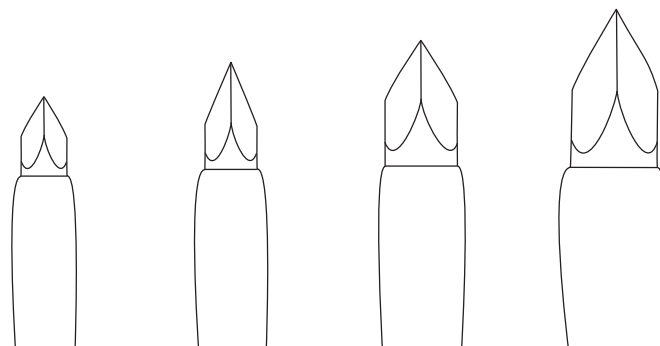
		100 mm – 4 "
4 mm Ø	12 Cha†Fr.	11-108-012
4 ⅔ mm Ø	14 Cha†Fr.	11-108-014
5 ⅓ mm Ø	16 Cha†Fr.	11-108-016
6 mm Ø	18 Cha†Fr.	11-108-018
6 ⅔ mm Ø	20 Cha†Fr.	11-108-020
7 ⅓ mm Ø	22 Cha†Fr.	11-108-022
8 mm Ø	24 Cha†Fr.	11-108-024
8 ⅔ mm Ø	26 Cha†Fr.	11-108-026



1:2

NELSON

	7.5 mm Ø	10 mm Ø	11 mm Ø	11.6 mm Ø
210 mm – 8 ¼ "	11-109-250	11-109-300	11-109-330	11-109-350



Trokare
Trocars
Trocarts
Trócares
Trequarti



LANDAU

1:2

	2 mm Ø
160 mm – 6 ¼ "	11-110-160



PIERCE

	170 mm – 6 ¾ "
3 mm Ø	11-111-300
4 mm Ø	11-111-400
5 mm Ø	11-111-500



KRAUSE

1:2

	5.5 mm Ø
150 mm – 6 "	11-112-150



COAKLEY

1:2

	2.25 mm Ø
160 mm – 6 ¼ "	11-113-020

Saugrohre
Suction tubes

Canules d'aspiration
Tubos de aspiración
Tubi per aspirazione



COOLEY

1:3

1:3

1:3

1:3

	8 mm Ø
350 mm – 13 ¾"	11-114-350

	10 mm Ø
310 mm – 12 ¼"	11-115-310

	6 mm Ø
300 mm – 12"	11-116-300

	8 mm Ø
330 mm – 13"	11-117-330

Saugrohre
Suction tubes

Canules d'aspiration
Tubos de aspiración
Tubi per aspirazione



POOLE

1:3

		220 mm – 8 "
8 mm Ø	23 Charr. / Fr.	11-118-008



POOLE

1:3

		220 mm – 8 "
10 mm Ø	30 Charr./Fr.	11-119-010



ANDREWS-PYNCHON

1:3

235 mm – 9 ¼ "	11-120-235
----------------	------------



DE BAKEY

1:3

275 mm – 10 ¾ "	11-121-270
-----------------	------------



11-122-270/2



11-122-270/1



YANKAUER

1:3

270 mm – 10 ¾ "	11-122-270
-----------------	------------

Ohrkatheter
Eustachian catheters

Sondes auriculaires
Sondas auriculares
Sonde auricolari



HARTMANN

	Fig. 1	Fig. 2
2.0 mm Ø	11-123-200	11-124-200
2.5 mm Ø	11-123-250	11-124-250
3.0 mm Ø	11-123-300	11-124-300



EICKEN-KILLIAN

130 mm – 6"	2.0 mm Ø	11-125-020
130 mm – 6"	2.5 mm Ø	11-125-025
130 mm – 6"	3.0 mm Ø	11-125-030
130 mm – 6"	4.0 mm Ø	11-125-040



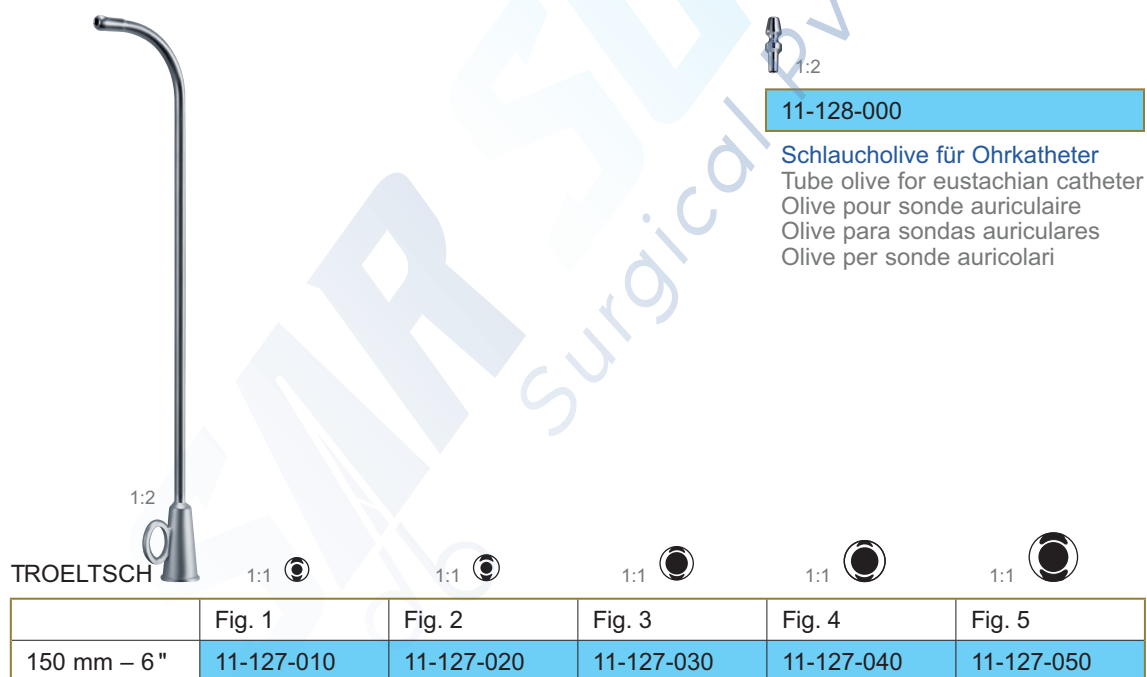
HARTMANN



	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
150 mm – 6"	11-126-000	11-126-001	11-126-002	11-126-003	11-126-004	11-126-005

Ohrkatheter
Eustachian catheters

Sondes auriculaires
Sondas auriculares
Sonde auricolari



11-128-000

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

Ohrspritze
Ear syringe

Seringe auriculaire
Jeringa auricular
Siringhe auricolari



1:2

50 ccm 2 oz	11-129-050
75 ccm 3 oz	11-129-075
100 ccm 4 oz	11-129-100
150 ccm 6 oz	11-129-150
200 ccm 8 oz	11-129-200

komplett mit 2 Aufsätzen
complete with 2 nozzles
complet avec 2 canules
completa con 2 cánulas
completa con 2 terminali



1:2

11-129-002



1:2

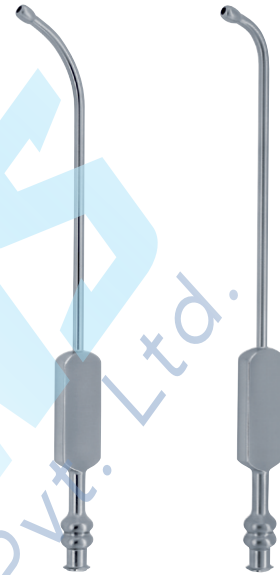
11-129-005



11-129-008

Saug- und Spülkanülen
Suction and irrigation cannulae

Canules pour aspiration et lavage
Cánulas para aspiración y lavado
Cannule per aspirazione e lavaggio



EICKEN

2.5 mm Ø	11-130-025	11-135-025
3.0 mm Ø	11-130-030	11-135-030
4.0 mm Ø	11-130-040	11-135-040

leicht gebogen

slightly curved

légèrement courbé

ligeramente curvada

leggermente curva

stark gebogen

strongly curved

très courbé

muy curvada

fortemente curva



FISCH

LUER-
LOCK

3.0 mm Ø

11-132-030

LUER-
LOCK

2.5 mm Ø

11-133-030

1.8 mm Ø

11-134-018

2.5 mm Ø

11-134-025

3.0 mm Ø

11-134-030

4.5 mm Ø

11-134-040

Saug- und Spülkanülen
Suction and irrigation cannulae

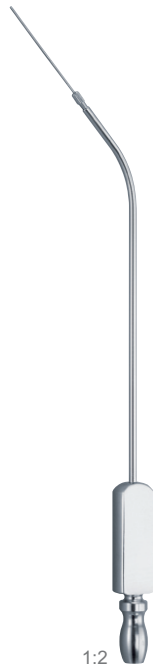
Canules pour aspiration et lavage
Cánulas para aspiración y lavado
Cannule per aspirazione e lavaggio



0.8 mm Ø	11-136-000	11-137-900	0.8 mm Ø	11-137-000	11-137-450
Tonsillenkanüle Tonsil needle Aiguille pour amygdales Aguja para amígdalas Cannule per tonsille	gerade straight droite recta retta	gebogen curved courbe curva curva	Septumkanüle Septum needle Aiguille pour le cloison nasale Aguja para el tabique nasal Ago per setto nasale	bajonettförmig bayonet baïonette bayoneta baionetta	abgewinkelt angled on flat coudé sur le plat angulado angolato

Saugrohre
Suction tubes

Tubes d'aspiration
Tubos para aspiración
Cannule d'aspirazione

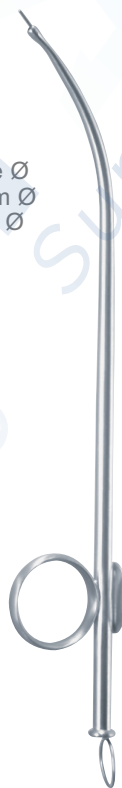


ZÖLLNER

1:2

0.7 mm Ø
11-138-000

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



MAGILL

	245 mm – 9 ¾ "
3.0 mm Ø	11-140-300
3.5 mm Ø	11-140-350
4.0 mm Ø	11-140-400



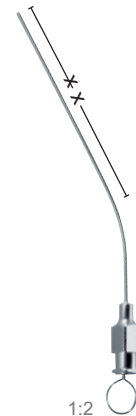
IOWA

1:2

	0.7 mm Ø
160 mm – 6 ¼ "	11-139-160



1:2



1:2

ROSEN

	x = 80 mm	x = 65 mm
0.5 mm Ø	11-141-005	11-142-005
0.6 mm Ø	11-141-006	11-142-006
0.7 mm Ø	11-141-007	11-142-007
0.9 mm Ø	11-141-009	11-142-009
1.0 mm Ø	11-141-010	11-142-010
1.2 mm Ø	11-141-012	11-142-012
1.4 mm Ø	11-141-014	11-142-014
1.5 mm Ø	11-141-015	11-142-015
1.8 mm Ø	11-141-018	11-142-018
2.0 mm Ø	11-141-020	11-142-020
2.5 mm Ø	11-141-025	11-142-025
3.0 mm Ø	11-141-030	11-142-030

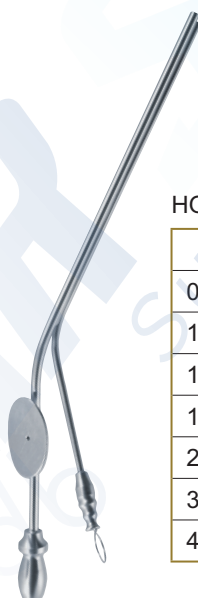
Saugrohre
Suction tubes

Tubes d'aspiration
Tubos para aspiración
Cannule d'aspirazione



BARON

		75 mm – 3 "	100 mm – 4 "
1 mm Ø	3 Char#Fr.	344-097-030	344-097-030/L
1½ mm Ø	5 Char#Fr.	344-097-050	344-097-050/L
2½ mm Ø	7 Char#Fr.	344-097-070	344-097-070/L



HOUSE

	90 mm – 3 ½ "
0.9 x 0.7 mm Ø	11-143-010
1.2 x 0.9 mm Ø	11-143-020
1.5 x 1.2 mm Ø	11-143-030
1.8 x 1.8 mm Ø	11-143-040
2.5 x 2.0 mm Ø	11-143-050
3.0 x 2.0 mm Ø	11-143-060
4.5 x 2.0 mm Ø	11-143-070



FERGUSSON

		170 mm – 6 ¾ "
2 mm Ø	6 Char#Fr.	11-144-020
2½ mm Ø	8 Char#Fr.	11-144-025
3 mm Ø	9 Char#Fr.	11-144-030
3½ mm Ø	10 Char#Fr.	11-144-035
4 mm Ø	12 Char#Fr.	11-144-040
5 mm Ø	15 Char#Fr.	11-144-050

1:2

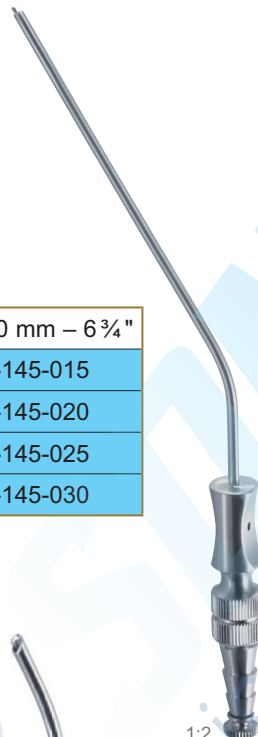
Saugrohre
Suction tubes

Tubes d'aspiration
Tubos para aspiración
Cannule d'aspirazione



PLESTER

		170 mm – 6 3/4"
1.6 mm Ø	5 Char#Fr.	11-145-015
2 mm Ø	6 Char#Fr.	11-145-020
2 1/3 mm Ø	8 Char#Fr.	11-145-025
3 mm Ø	9 Char#Fr.	11-145-030



FRAZIER

		170 mm – 6 3/4"
2 mm Ø	6 Char#Fr.	11-146-006
2 1/3 mm Ø	7 Char#Fr.	11-147-070
2 2/3 mm Ø	8 Char#Fr.	11-146-008
3 mm Ø	9 Char#Fr.	11-147-090
3 1/3 mm Ø	10 Char#Fr.	11-146-010
4 mm Ø	12 Char#Fr.	11-146-012
5 mm Ø	15 Char#Fr.	11-147-150



ADSON

		140 mm – 5 1/4"	210 mm – 8 1/4"
3 mm Ø	9 Char#Fr.	11-148-140	
4 mm Ø	12 Charr. / Fr.		11-148-210
5 mm Ø	15 Charr. / Fr.		11-148-211



200 mm – 8"

11-149-200

Saug-Raspatorium – biegsam, scharf
Suction raspatory – malleable, sharp
Rugine aspirante – flexible, tranchant
Legra aspiradora – maleable y agudo
Elevatore-aspiratore – flessibile, tagliente

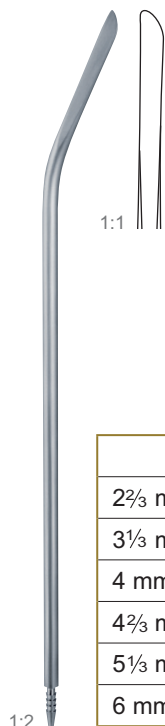
redon Führungsnadeln

Guide needles

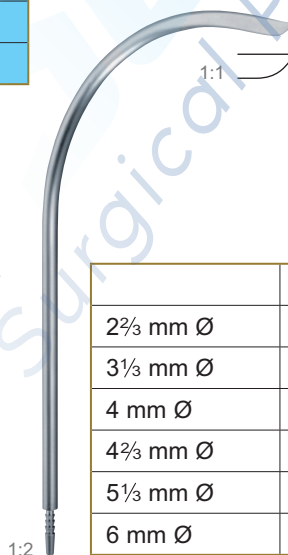
Aiguilles d'introduction

Agujas de guía

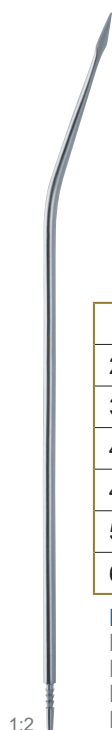
Aghi guida



		195 mm – 5 3/4 "
2 2/3 mm Ø	8 Char#Fr.	11-150-008
3 1/3 mm Ø	10 Char#Fr.	11-150-010
4 mm Ø	12 Char#Fr.	11-150-012
4 2/3 mm Ø	14 Char#Fr.	11-150-014
5 1/3 mm Ø	16 Char#Fr.	11-150-016
6 mm Ø	18 Char#Fr.	11-150-018



		195 mm – 5 3/4 "
2 2/3 mm Ø	8 Char#Fr.	11-151-008
3 1/3 mm Ø	10 Char#Fr.	11-151-010
4 mm Ø	12 Char#Fr.	11-151-012
4 2/3 mm Ø	14 Char#Fr.	11-151-014
5 1/3 mm Ø	16 Char#Fr.	11-151-016
6 mm Ø	18 Char#Fr.	11-151-018



		195 mm – 5 3/4 "
2 2/3 mm Ø	8 Char#Fr.	11-152-008
3 1/3 mm Ø	10 Char#Fr.	11-152-010
4 mm Ø	12 Char#Fr.	11-152-012
4 2/3 mm Ø	14 Char#Fr.	11-152-014
5 1/3 mm Ø	16 Char#Fr.	11-152-016
6 mm Ø	18 Char#Fr.	11-152-018

Lanzettenspitze

Lancet tip

Pointe lancéolaire

Punta lanceolata

Punta lanceolata

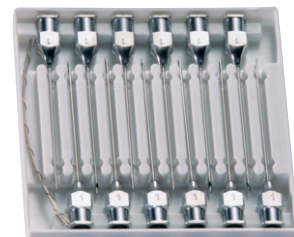
injektionskanülen
Hypodermic needles

Aiguilles hypodermiques
Agujas hipodérmicas
Aghi hypodermici



PRAVAZ (LUER-LOCK)

Fig. 1	0.90 x 38 mm Ø	11-153-010
Fig. 2	0.80 x 32 mm Ø	11-153-020
Fig. 12	0.70 x 32 mm Ø	11-153-120
Fig. 14	0.65 x 28 mm Ø	11-153-140
Fig. 16	0.60 x 25 mm Ø	11-153-160
Fig. 18	0.50 x 23 mm Ø	11-153-180
Fig. 20	0.45 x 20 mm Ø	11-153-200



Packung à 12 Stück
Package of 12 pieces
Paquet de 12 pièces
Paquete de 12 piezas
Confezione da 12 pezzi

Biopsiekanülen
Biopsy needles

Canules pour biopsie
Agujas para biopsia
Aghi per biopsia



QUINKE

0.70 x 50.0 mm Ø	11-154-070
0.70 x 76.0 mm Ø	11-156-070
0.70 x 89.0 mm Ø	11-157-070
1.00 x 76.0 mm Ø	11-156-100
1.00 x 89.0 mm Ø	11-157-100
1.20 x 76.0 mm Ø	11-156-120
1.20 x 89.0 mm Ø	11-157-120



TUOHY

1.20 x 76.0 mm Ø	11-155-120
1.40 x 76.0 mm Ø	11-155-140
1.60 x 76.0 mm Ø	11-155-160



BIER

1.00 x 80.0 mm Ø	322-232-100
1.20 x 80.0 mm Ø	322-232-120
1.50 x 80.0 mm Ø	322-232-150
1.80 x 80.0 mm Ø	322-232-180



KLIMA-ROSEGGER 1:2

1.80 x 35.0 mm Ø	11-158-180
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VERRES

2.00 x 100 mm Ø	11-159-100
2.00 x 120 mm Ø	11-159-120
2.00 x 130 mm Ø	11-159-130
2.00 x 140 mm Ø	11-159-140
2.00 x 150 mm Ø	11-159-150

Biopsiekanülen
Biopsy needles

Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



MENGHINI

1.00 x 35.0 mm Ø	11-160-001
1.00 x 70.0 mm Ø	11-160-002
1.20 x 70.0 mm Ø	11-160-003
1.20 x 100.0 mm Ø	11-160-004
1.40 x 70.0 mm Ø	11-160-005
1.40 x 100.0 mm Ø	11-160-006
1.60 x 70.0 mm Ø	11-160-007
1.80 x 100.0 mm Ø	11-160-008



MENGHINI

1.40 x 168.0 mm Ø	11-161-140
1.80 x 168.0 mm Ø	11-161-180

Biopsiekanülen
Biopsy needles

Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



FRANKLIN-SILVERMAN

		
2.00 x 105.0 mm Ø	1.50 x 155.0 mm Ø	11-163-200
2.00 x 130.0 mm Ø	1.50 x 180.0 mm Ø	11-163-140

Zur perkutanen Nierenbiopsie, einschl. Suchnadel
For kidney biopsy, incl. guide needle
Pour la biopsie des reins, aiguille d'introduction incl.
Para la biopsia de los riñones, con aguja de guía
Per la biopsia renale, con ago guida

Biopsiekanülen
Biopsy needles

Canules pour biopsie
Agujas para biopsia
Aghi per biopsie



FRANKLIN-SILVERMAN

			
2.00 x 100.0 mm Ø	1.50 x 150.0 mm Ø	11-164-020	11-165-020
2.50 x 145.0 mm Ø	1.50 x 195.0 mm Ø	11-164-025	11-165-025

Zur Leber- und Nierenbiopsie

For liver and kidney biopsy
Pour la biopsie des reins et de la foie
Para la biopsia de los riñones y del hígado
Per la biopsia renale ed epatica

ohne Widerhaken mit Widerhaken

without barb barbed
sans crochet avec crochet
sin garfio con garfio
senza gancio con gancio

			
2.00 x 100.0 mm Ø	1.50 x 150.0 mm Ø	11-166-150	11-167-150
2.50 x 145.0 mm Ø	1.50 x 195.0 mm Ø	11-166-200	11-167-200

Kanüle, allein

Biopsy needle, only
Aiguille pour biopsie, seul
Aguja para biopsia, sola
Ago per biopsia, solo

Sonden
Probes and directors

Sondes et stylets
Sondas y estiletes
Specilli e sonde



	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø
115 mm – 4 ½ "	11-172-115	11-173-115	11-174-115
130 mm – 5 "	11-172-130	11-173-130	11-174-130
145 mm – 5 ¾ "	11-172-145	11-173-145	11-174-145
160 mm – 6 ¼ "	11-172-160	11-173-160	11-174-145
180 mm – 7 "	11-172-180	11-173-180	11-174-180
200 mm – 8 "	11-172-200	11-173-200	11-174-200
250 mm – 9 ¾ "	11-172-250	11-173-250	11-174-250
300 mm – 12 "	11-172-300	11-173-300	11-174-300

2 mm Ø	
115 mm – 4 ½ "	11-175-115
130 mm – 5 "	11-175-130
145 mm – 5 ¾ "	11-175-145
160 mm – 6 ¼ "	11-175-160
180 mm – 7 "	11-175-180
200 mm – 8 "	11-175-200
250 mm – 9 ¾ "	11-175-250

2 mm Ø	
115 mm – 4 ½ "	11-176-120
130 mm – 5 "	11-176-130
145 mm – 5 ¾ "	11-176-145
160 mm – 6 ¼ "	11-176-160

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

mit Ohr
with eyelet
avec oeil
con ojo
con cruna



115 mm – 4 ½ "	11-177-115
130 mm – 5 "	11-177-130
145 mm – 5 ¾ "	11-177-145
160 mm – 6 ¼ "	11-177-160
180 mm – 7 "	11-177-180
200 mm – 8 "	11-177-200

115 mm – 4 ½ "	11-178-115
130 mm – 5 "	11-178-130
145 mm – 5 ¾ "	11-178-145
160 mm – 6 ¼ "	11-178-160
180 mm – 7 "	11-178-180
200 mm – 8 "	11-178-200

NÉLATON:2

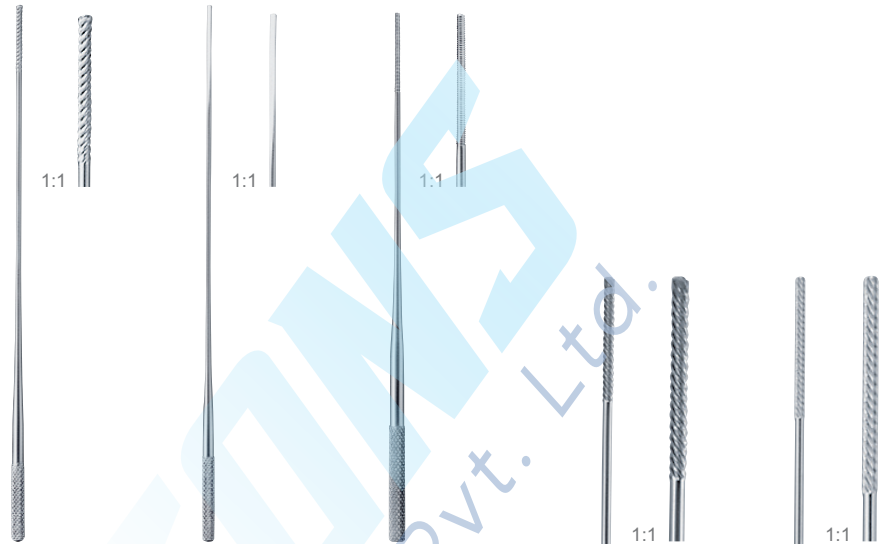
160 mm – 6 ½ "	11-179-160
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DOYEN

130 mm – 5 "	11-180-130
145 mm – 5 ¾ "	11-180-145
160 mm – 6 ¼ "	11-180-160

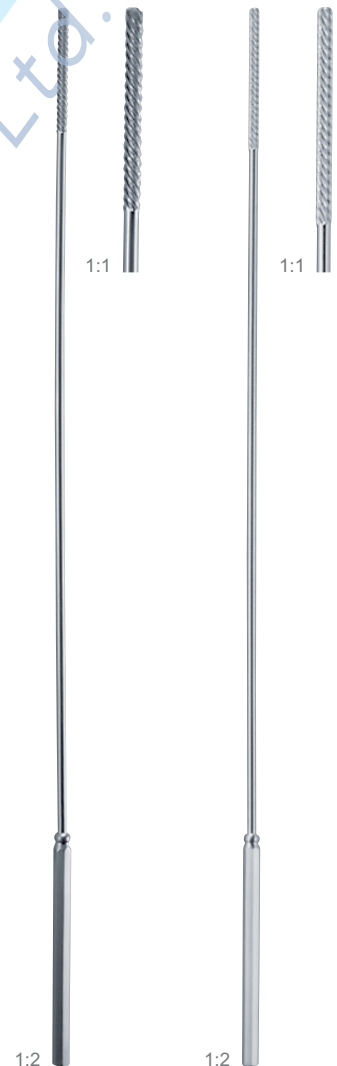
watteträger
Cotton applicators

Porte-cotons
Porta-algodones
Portacotoni



FARRELL-LATHBURY

120 mm – 4 ¾ "	0.9 mm Ø	11-181-120	11-182-120	11-183-120
140 mm – 5 ½ "	0.9 mm Ø	11-181-140	11-182-140	11-183-140
165 mm – 6 ¼ "	1.1 mm Ø	11-181-165	11-182-160	11-183-165
180 mm – 7 "	1.2 mm Ø	11-181-180	11-182-180	11-183-180
230 mm – 9 "	1.3 mm Ø	11-181-230	11-182-230	11-183-230



	1.2 mm Ø	1.5 mm Ø	1.5 mm Ø
120 mm – 4 ¾ "	11-184-120	11-185-120	11-182-120
140 mm – 5 ½ "	11-184-140	11-185-140	11-182-140
160 mm – 6 ¼ "	11-184-160	11-185-160	11-182-160
180 mm – 7 "	11-184-180	11-185-180	11-182-180
230 mm – 9 "			11-182-230

	2.5 mm Ø	2.5 mm Ø
280 mm – 11 "	11-186-280	11-187-280

Watteträger
Cotton applicators
Porte-cotons
Porta-algodones
Portacotoni

