

Makromed

TECHNOLOGIES



**Trocars, Suction &
Irrigation Instruments,
Probes, Cotton
Applicators**

SURGICAL INSTRUMENTS
CATALOGUE



Trokare, Saug- und Spülinstrumente, Sonden, Watteträger
Trocars, Suction and Irrigation Instruments,
Probes, Cotton Applicators

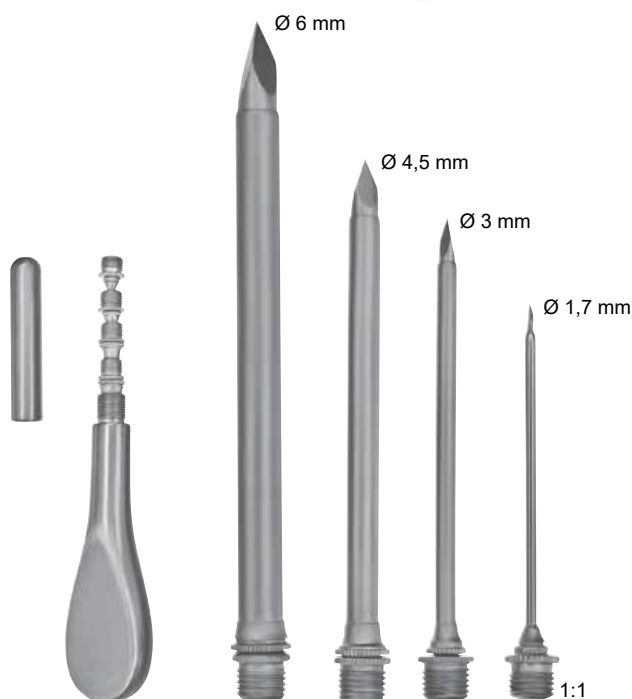
Trokare	<i>Trocars</i>	TS 1 - 2
Kanülen	<i>Cannulas</i>	TS 3 - 7
Saug-Raspatorien, Saug-Dissektoren	<i>Suction Raspatories, Suction Dissectors</i>	TS 8
Mikro-Saugkanülen	<i>Micro Suction Tubes</i>	TS 9
Katheterzangen	<i>Catheter Forceps</i>	TS 10
Spritzen	<i>Syringes</i>	TS 11
Luer-Lock Adapter	<i>Luer-Lock Adapter</i>	TS 12
Führungsnadeln	<i>Guide Needles</i>	TS 13
Sonden	<i>Probes</i>	TS 14 - 17
Watteträger	<i>Cotton Applicators</i>	TS 18 - 20

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NELSON

Gesamtlänge Total length	Nutzlänge Working length	Außen-Ø Outer-Ø	Innen-Ø Inner-Ø	
17,5 cm – 7"	7,5 cm – 3"	3 mm	2,2 mm	MM 5200-30
	7,5 cm – 3"	3,5 mm	2,5 mm	MM 5200-35
	7,5 cm – 3"	4 mm	3 mm	MM 5200-40
	7,5 cm – 3"	4,5 mm	3,5 mm	MM 5200-45
	8 cm – 3¼"	5 mm	4 mm	MM 5200-50
	8 cm – 3¼"	5,5 mm	4,5 mm	MM 5200-55
	8,5 cm – 3¼"	6 mm	5 mm	MM 5200-60



UNIVERSAL

Trokar-Set komplett, bestehend aus: Trocar set complete, consisting of:	MM 5212-04
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- 1 Griff, flach
- 1 Handle, flat
- 1 Trokar Ø 1,7 mm
- 1 Trocar Ø 1.7 mm
- 1 Trokar Ø 3 mm
- 1 Trocar Ø 3 mm
- 1 Trokar Ø 4,5 mm
- 1 Trocar Ø 4.5 mm
- 1 Trokar Ø 6 mm
- 1 Trocar Ø 6 mm



mit Luer-Lock Ansatz
with Luer-Lock hub

16 cm – 6¼"

MM 5220-16

LANDAU



14 cm – 5½"

MM 5232-16

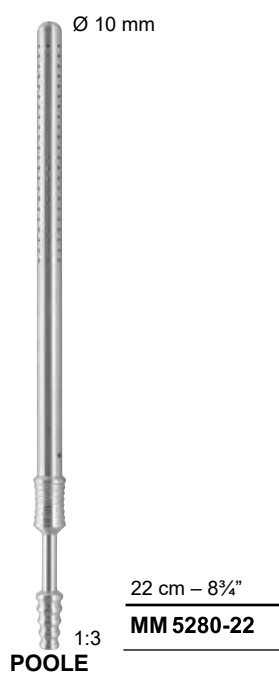
PEAN

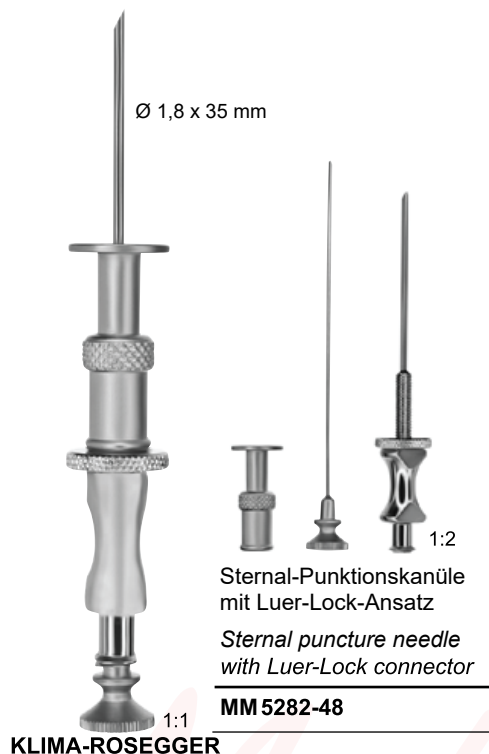


OCHSNER

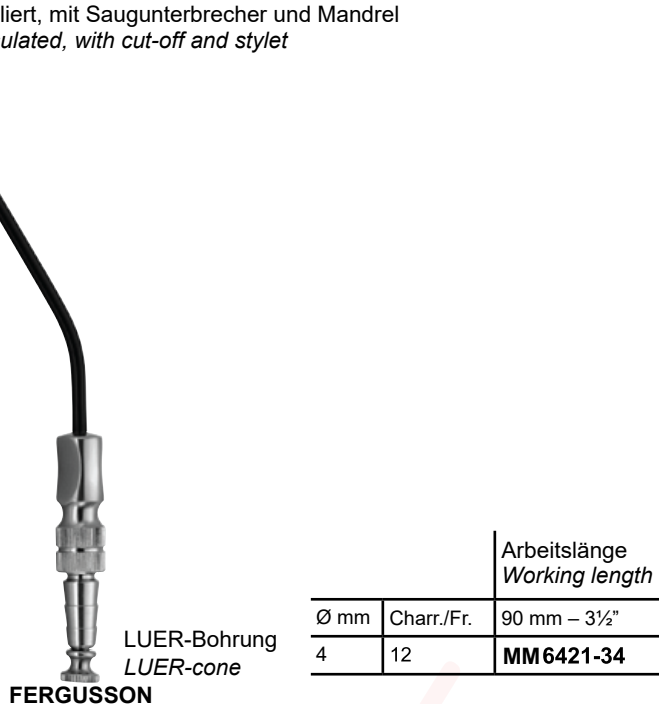
Ø mm	15 cm – 6"
4	MM 5250-40
4,6	MM 5250-46
5,5	MM 5250-55
6,5	MM 5250-65

Ø 10 mm mit zentraler Bohrung Ø 2 mm
Ø 10 mm with central hole Ø 2 mm





isoliert, mit Saugunterbrecher und Mandrel
insulated, with cut-off and stylet



mit Saugunterbrecher und Mandrel
with cut-off and stylet



		Arbeitslänge Working length		
Ø mm	Charr./Fr.	90 mm – 3½"	110 mm – 4¼"	130 mm – 5"
1,5	5	MM 6420-05	MM 6420-16	MM 6420-25
2	6	MM 6420-06	MM 6420-17	MM 6420-26
2,3	7	MM 6420-07	MM 6420-18	MM 6420-27
2,5	8	MM 6420-08	MM 6420-19	MM 6420-28
3	9	MM 6420-09	MM 6420-20	MM 6420-29
3,3	10	MM 6420-10	MM 6420-21	MM 6420-30
3,5	11	MM 6420-11	MM 6420-22	MM 6420-31
4	12	MM 6420-12	MM 6420-23	MM 6420-32
5	15	MM 6420-15	MM 6420-24	MM 6420-33

		Arbeitslänge Working length	
Ø mm	Charr./Fr.	150 mm – 6"	190 mm – 7½"
1,5	5	MM 6420-34	MM 6420-43
2	6	MM 6420-35	MM 6420-44
2,3	7	MM 6420-36	MM 6420-45
2,5	8	MM 6420-37	MM 6420-46
3	9	MM 6420-38	MM 6420-47
3,3	10	MM 6420-39	MM 6420-48
3,5	11	MM 6420-40	MM 6420-49
4	12	MM 6420-41	MM 6420-50
5	15	MM 6420-42	MM 6420-51

olivenförmig
olive-shaped

Abstandsmarkierungen bei 5 - 9 cm
Calibrations marked at 5 - 9 cm

mit Saugunterbrecher und Mandrel
with with cut-off and stylet

		Arbeitslänge Working length
Ø mm	Charr./Fr.	100 mm – 4"
2	6	MM6420-56
2,5	8	MM6420-58
3,3	10	MM6420-60
4	12	MM6420-62
5	15	MM6420-65

FRAZIER

		Arbeitslänge Working length
Ø mm	Charr./Fr.	100 mm – 4"
2	6	MM6420-76
2,5	8	MM6420-78
3,3	10	MM6420-80
4	12	MM6420-82
5	15	MM6420-85

FRAZIER

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mit Saugunterbrecher und Mandrel
with cut-off and stylet

145 mm – 5¾"

		Arbeitslänge Working length
Ø mm	Charr./Fr.	100 mm – 4"
2	6	MM6421-06
2,3	7	MM6421-07
2,5	8	MM6421-08
3	9	MM6421-09
3,3	10	MM6421-10
3,5	11	MM6421-11
4	12	MM6421-12
5	15	MM6421-15

FERGUSSON

		Arbeitslänge Working length
Ø mm	Charr./Fr.	145 mm – 5¾"
4	12	MM6426-21

ADSON

mit Langloch Saugunterbrecher und Mandrel
with elongated cut-off and stylet

45°

POP PEN

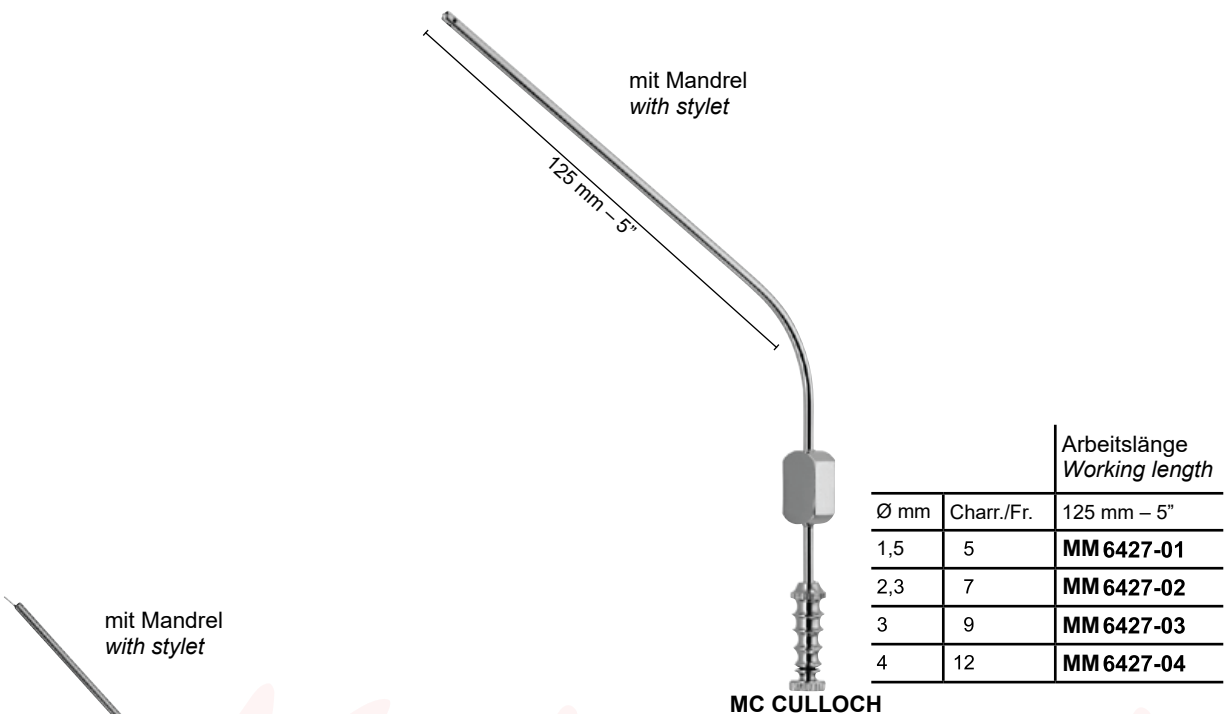
Saugrohr, keramikbeschichtet
suction tube, ceramic coated

Ø mm	Charr./Fr.	Arbeitslänge Working length	
		90 mm – 3½"	145 mm – 5¾"
2	6	MM6426-50	MM6426-60
2,3	7	MM6426-51	MM6426-61
2,5	8	MM6426-52	MM6426-62
3	9	MM6426-53	MM6426-63
3,3	10	MM6426-54	MM6426-64
3,5	11	MM6426-55	MM6426-65
4	12	MM6426-56	MM6426-66
5	15	MM6426-57	MM6426-67



Ø mm	Charr./Fr.	Arbeitslänge Working length
		160 mm – 6"
3	9	MM6427-100

Ø mm	Charr./Fr.	Arbeitslänge Working length
		160 mm – 6"
3	9	MM6427-130

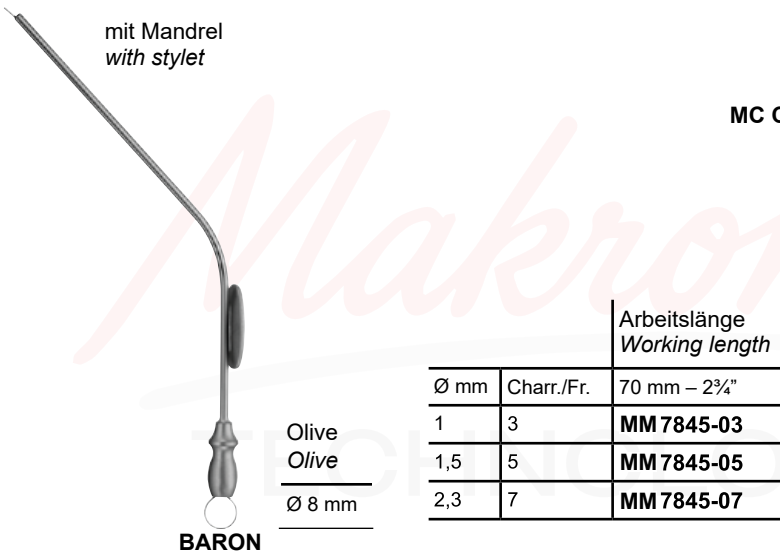


mit Mandrel
with stylet

125 mm – 5"

Ø mm	Charr./Fr.	Arbeitslänge Working length
1,5	5	125 mm – 5"
2,3	7	MM 6427-02
3	9	MM 6427-03
4	12	MM 6427-04

MC CULLOCH

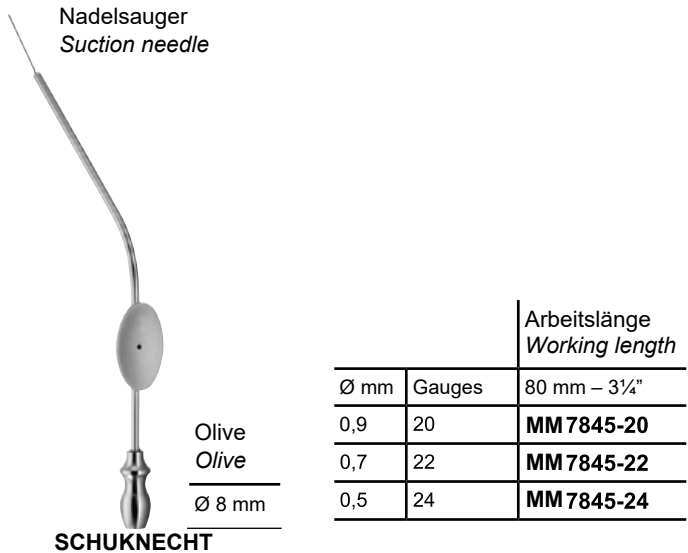


mit Mandrel
with stylet

Ø mm	Charr./Fr.	Arbeitslänge Working length
1	3	70 mm – 2¾"
1,5	5	MM 7845-05
2,3	7	MM 7845-07

Olive
Olive
Ø 8 mm

BARON

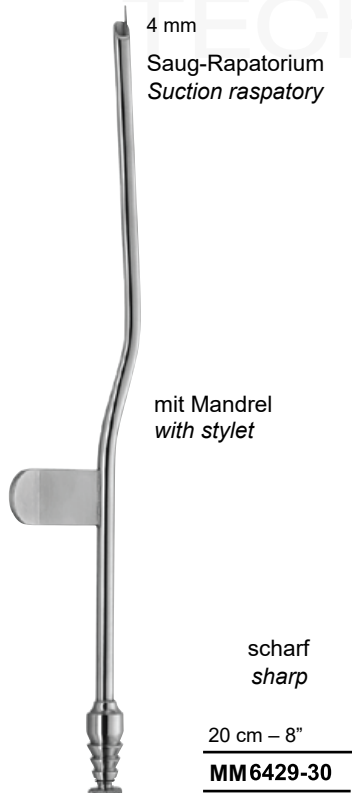
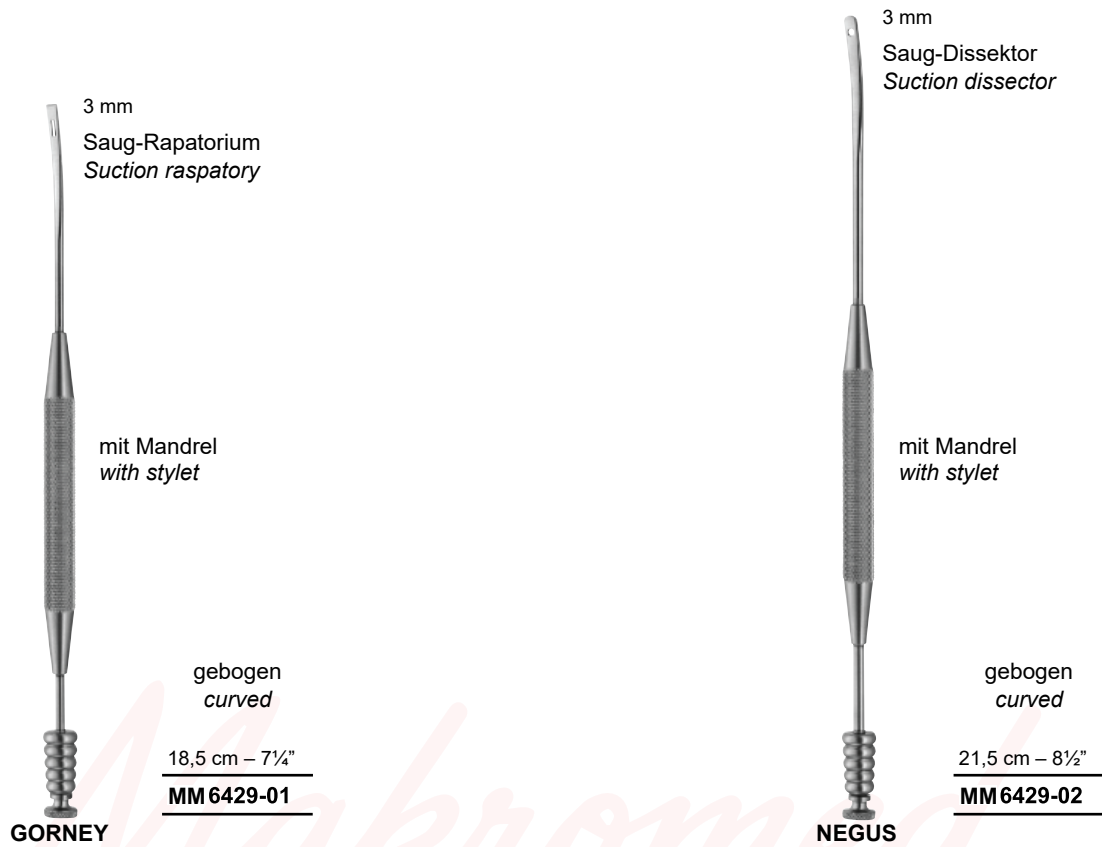


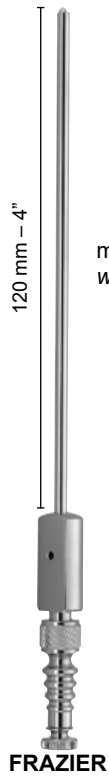
Nadelsauger
Suction needle

Ø mm	Gauges	Arbeitslänge Working length
0,9	20	80 mm – 3¼"
0,7	22	MM 7845-22
0,5	24	MM 7845-24

Olive
Olive
Ø 8 mm

SCHUKNECHT

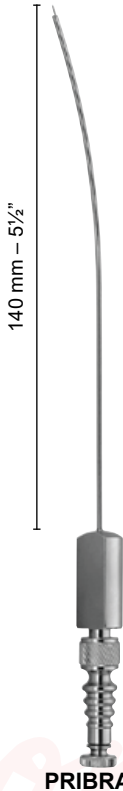




mit Mandrel
with stylet

		Arbeitslänge Working length
Ø mm	Charr./Fr.	120 mm - 4"
2,3	7	MM6424-20
3	9	MM6424-21
3,5	11	MM6424-22

FRAZIER

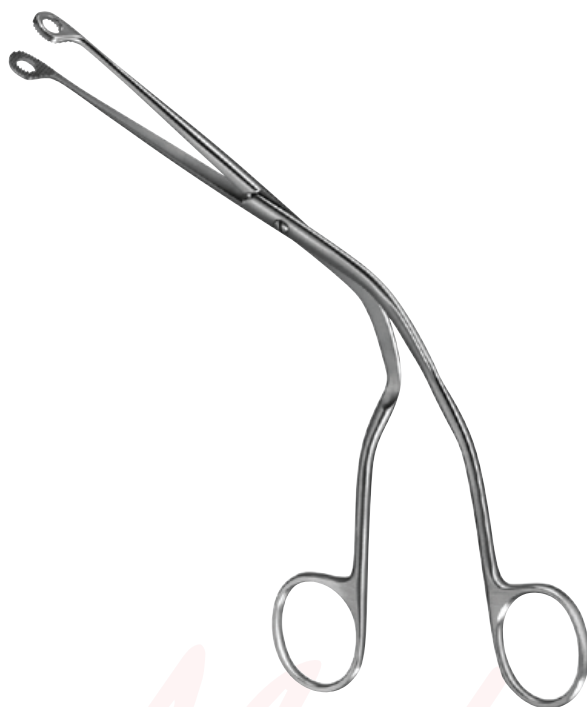


mit Mandrel
with stylet

		Arbeitslänge Working length
Ø mm	Gauges	140 mm - 5 1/2"
1,62	16	MM6424-40
1,22	18	MM6424-41

PRIBRAM

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MAGILL



für Kleinkinder
for infants

15 cm – 6"

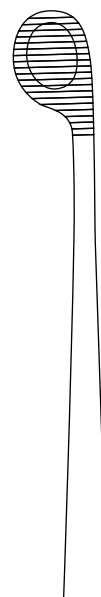
MM 5295-15



für Kinder
for children

20 cm – 8"

MM 5295-20



für Erwachsene
for adults

25 cm – 10"

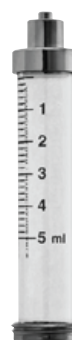
MM 5295-25

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Luer-Lock Ansatz
Luer Lock connector

mlcc	Dreiring-Spritze <i>3 ring syringe</i>
2	MM 5285-02
5	MM 5285-05
10	MM 5285-10



mlcc	Zylinder <i>Cylinder</i>
2	MM 5285-52
5	MM 5285-55
10	MM 5285-60



JANET

1:3

mlcc	Spritze mit 2 Kanülen <i>Syringe with 2 cannulas</i>	Spritze, allein <i>Syringe, only</i>	Zylinder, allein <i>Cylinder, only</i>
50	MM 5286-05	MM 5286-55	MM 5286-75
75	MM 5286-07	MM 5286-57	MM 5286-77
100	MM 5286-10	MM 5286-60	MM 5286-80
150	MM 5286-15	MM 5286-65	MM 5286-85
200	MM 5286-20	MM 5286-70	MM 5286-90



1:1

LLA weiblich
RC männlich
LLA female
RC male

MM5288-01



1:1

RC weiblich
LA männlich
RC female
LA male

MM5288-02



1:1

LLA weiblich
LLA female

MM5288-21



1:1

LLA männlich
LLA male

MM5288-03



1:1

LLA weiblich
LLA female

MM5288-04



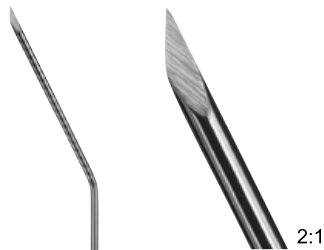
1:1

LLA männlich
LLA male

MM5288-31

LA = Luer Konus Adapter
LLA = Luer-Lock Adapter
RC = Record Konus Adapter

LA = luer cone adapter
LLA = luer-lock adapter
RC = record conus adapter



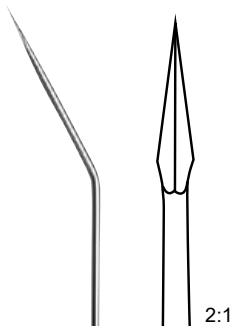
Charr. /Fr.	Messerspitze, leicht gebogen <i>Knife tip, slightly curved</i>
8	MM 5291-08
10	MM 5291-10
12	MM 5291-12
14	MM 5291-14
16	MM 5291-16
18	MM 5291-18

REDON



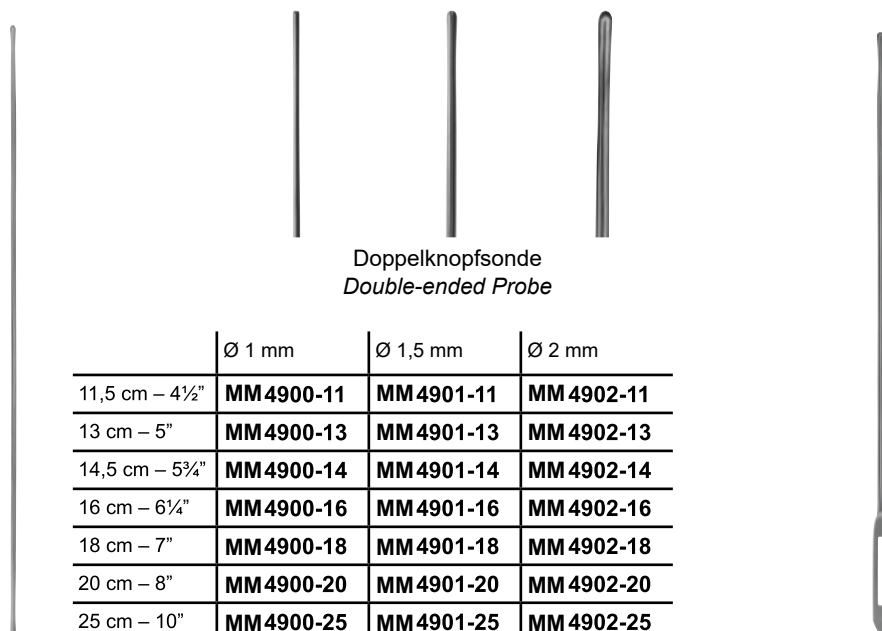
Charr. /Fr.	Messerspitze, gebogen <i>Knife tip, curved</i>
8	MM 5291-28
10	MM 5291-30
12	MM 5291-32
14	MM 5291-34
16	MM 5291-36
18	MM 5291-38

REDON



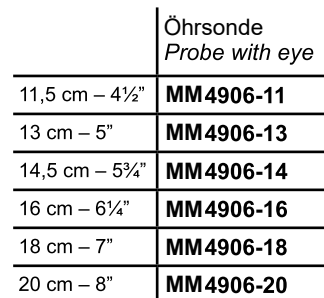
Charr. /Fr.	Lanzettenspitze, leicht gebogen <i>Lancet tip, slightly curved</i>
8	MM 5291-48
10	MM 5291-50
12	MM 5291-52
14	MM 5291-54
16	MM 5291-56
18	MM 5291-58

REDON



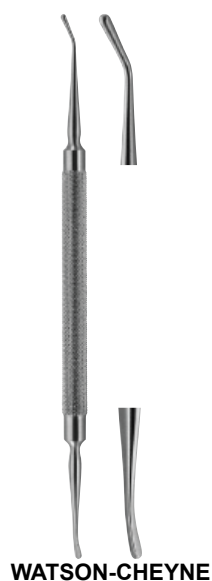
Doppelknopfsonde
Double-ended Probe

	Ø 1 mm	Ø 1,5 mm	Ø 2 mm
11,5 cm – 4½"	MM4900-11	MM4901-11	MM4902-11
13 cm – 5"	MM4900-13	MM4901-13	MM4902-13
14,5 cm – 5¾"	MM4900-14	MM4901-14	MM4902-14
16 cm – 6¼"	MM4900-16	MM4901-16	MM4902-16
18 cm – 7"	MM4900-18	MM4901-18	MM4902-18
20 cm – 8"	MM4900-20	MM4901-20	MM4902-20
25 cm – 10"	MM4900-25	MM4901-25	MM4902-25



	Öhrsonde Probe with eye
11,5 cm – 4½"	MM4906-11
13 cm – 5"	MM4906-13
14,5 cm – 5¾"	MM4906-14
16 cm – 6¼"	MM4906-16
18 cm – 7"	MM4906-18
20 cm – 8"	MM4906-20

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	Sonde Probe
14 cm – 5½"	MM4907-13
18 cm – 7"	MM4907-18



	Sonde Probe
14,5 cm – 5¾"	MM4908-14
18 cm – 7"	MM4908-18



	Hohlsonde <i>Director</i>
11,5 cm – 4½"	MM 4910-11
13 cm – 5"	MM 4910-13
14,5 cm – 5¾"	MM 4910-14
16 cm – 6¼"	MM 4910-16
18 cm – 7"	MM 4910-18
20 cm – 8"	MM 4910-20



DOYEN



Sonde, gebogen
Probe, curved

14,5 cm – 5¾"
MM 4911-14



	Hohlsonde <i>Director</i>
13 cm – 5"	MM4912-13
14,5 cm – 5¾"	MM4912-14
16 cm – 6¼"	MM4912-16
18 cm – 7"	MM4912-18



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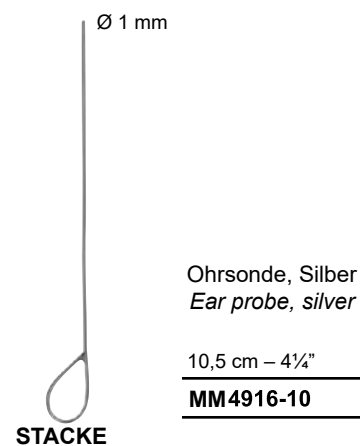
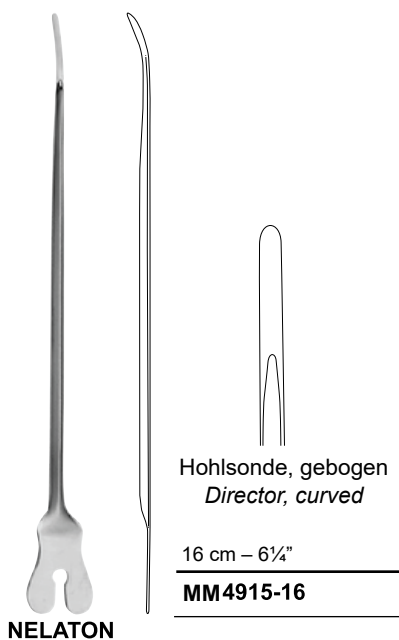


Sonde
Probe

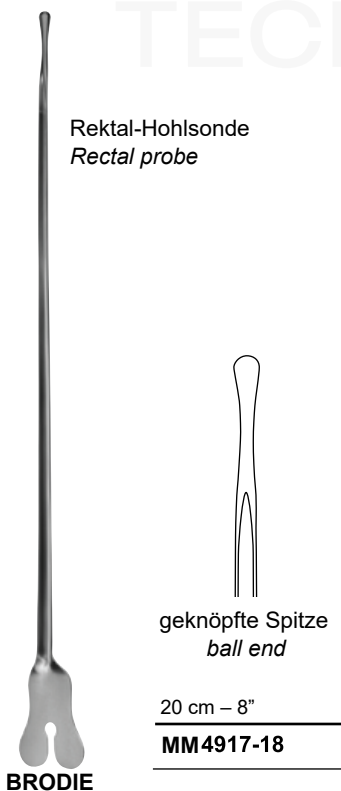
14,5 cm – 5¾"
MM4913-14



	Myrtenblattsonde <i>Myrtle leaf probe</i>
13 cm – 5"	MM 4914-13
14,5 cm – 5¾"	MM 4914-14
16 cm – 6¼"	MM 4914-16
20 cm – 8"	MM 4914-20



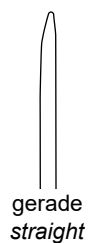
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Fistelsonde
Fistula probe



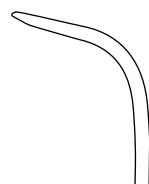
LOCKART-MUMMARY



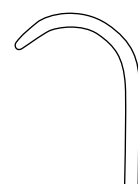
gerade
straight



gebogen 45°
curved 45°



stark gebogen 90°
strongly curved 90°



retrograd gebogen
retrograde curved

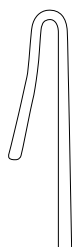
17 cm – 6¾"

Fig. 1	Fig. 2	Fig. 3	Fig. 4
MM 4925-01	MM 4925-02	MM 4925-03	MM 4925-04

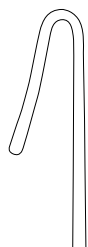
Fistelsonde
Fistula probe



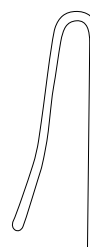
PRATT



enge Biegung
narrow hook



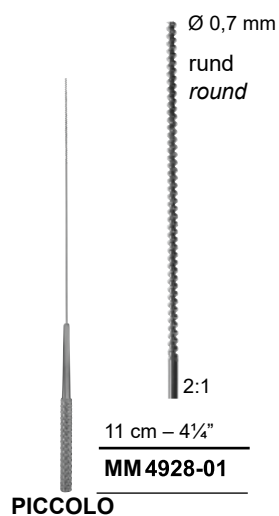
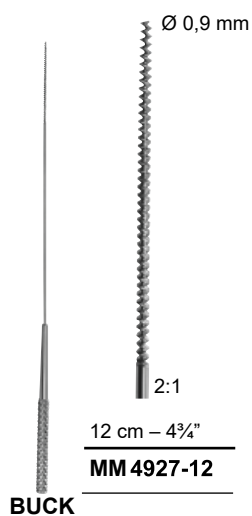
kurzer Haken
short hook

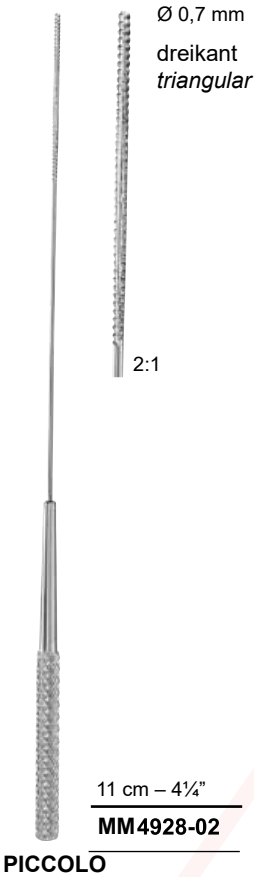


langer Haken
long hook

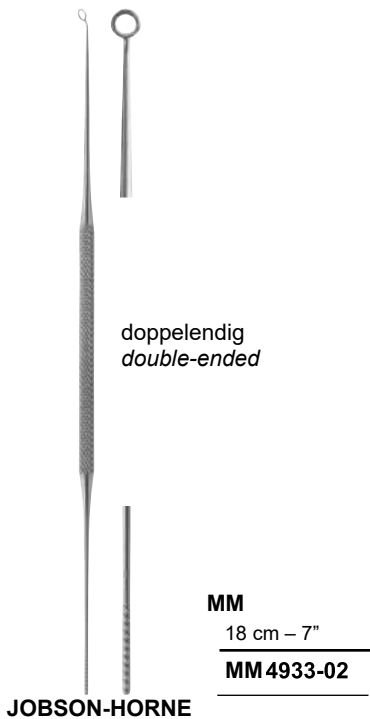
21 cm – 8¼"

MM 4926-01	MM 4926-02	MM 4926-03
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	Ø 1,3 mm	Ø 1,4 mm
12,5 cm – 5"	MM4930-12	–
16 cm – 6¼"	MM4930-16	–
18 cm – 7"	–	MM4931-18





	Ø mm mm	rund gerieft serrated	dreikant gerieft triangular serrated
14 cm – 5½"	0,9	MM 4935-14	MM 4936-14
16,5 cm – 6½"	1,1	MM 4935-16	MM 4936-16



	Ø mm mm	spiralför migs spiral threads
12 cm – 4¾"	1 mm	MM 4934-01
14 cm – 5½"	1 mm	MM 4934-02
16 cm – 6¼"	1 mm	MM 4934-03



1:3

Schaftlänge Shaft length	dreiteiliges Maul with 3 expanding jaws
28 cm – 11"	MM 4941-28
38 cm – 15"	MM 4941-45