



reddot design award
winner 2019



STERILE GOODS
MANAGEMENT

AESCULAP[®] SQ.line[®]

REINVENTING SURGICAL INSTRUMENTS

AESCULAP® SQ.line®

OUR MOTIVATION | YOUR SOLUTION

WORK ERGONOMICALLY?

My muscles are tired after working all day in the physically demanding orthopedic theaters.

> THEN WORK ERGONOMICALLY!

The new SQ.line® instruments allow me to work ergonomically. Pressure points and joint stress are thus reduced.



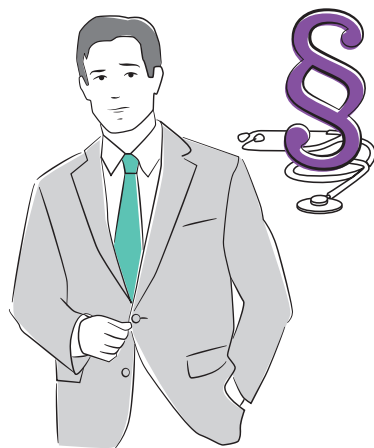
COMPLEX REPROCESSING?

Instruments with non-observable joints, narrow gaps and instruments made from different materials increase the complexity of my work – the Reprocessing.

> NOT ANYMORE!

Instruments now has to be less manually pre-cleaned. Careful cleaning of the SQ.line® instruments is more simplified and effective.



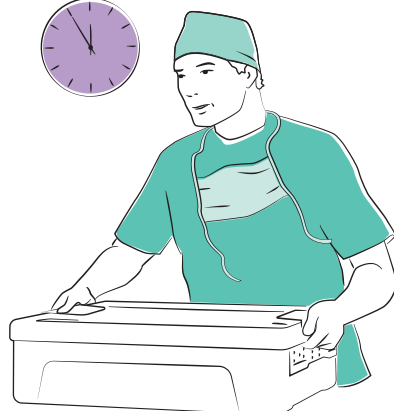


BAD PRESS?

Postoperative wound infections contradict the mission statement of our clinic, which promises a high-quality patient care.

> NO THANKS!

Our efforts to reduce postoperative wound infections can be supported by SQ.line® instruments. Because the welfare and the satisfaction of our patients stand at the highest level.



TIME PRESSURE?

Inadequately reprocessed instruments can lead to delays and increase stress in the theatre department.

> RELAXED PROCEDURES!

Our efforts to ensure that the surgical procedure runs smoothly can be supported by SQ.line® instruments.

ERGONOMIC WORKING

> FEEL THE GRIP

The unique design provides 70% more grip in comparison to previous products due to shape, material, edges and texture.

The result: less force to achieve a safe grip during use.

> DESIGN MAKES THE DIFFERENCE

Ergonomically designed instruments reduce pressure points and joint stress, so that the risk of related injuries is minimized.



Mallet AESCULAP®*

* Measurement of the surface pressure distribution with a pressure measuring foil.



reddot design award
winner 2019



PATENT
pending

FINE TUNING

One-piece spring mechanism means there is no risk of screws loosening or accidental opening of the spring during use.

FEEL COMFORTABLE

25% less force is needed to cut through wires compared to previous products, as a result of optimised power transmission of the wire cutting forceps.

EVERYTHING IN BALANCE

User-friendly weight and balance for smoother handling of the instrument.

AESCULAP® SQ.line®

BASIC ORTHOPAEDIC INSTRUMENTS

EASY REPROCESSING

- **EASIER VISUAL INSPECTION**
>50% reduction in difficult-to-inspect areas means visual inspection is faster and easier.*
- **REPAIR MADE EASY**
Interchangeable jaws open up more possibilities for repair, which could reduce the number of repair replacement procurements, and could therefore also reduce the costs.
- **SAVE TIME**
Manual pre-cleaning steps can be eliminated with fully machine-cleanable instruments, resulting in time savings up to 12 minutes in handling time.
- **BE SAFE**
The limit of protein residues is reached at an earlier stage during cleaning and disinfection compared to current instrument designs. Probability of reprocessing rework is reduced.



* A SQ.line® bone rongeur was compared with the previous product.



➤ **100% STAINLESS STEEL**

All instruments are made entirely from stainless steel. Without critical interfaces to other materials they are less vulnerable and easier to clean.

SO_line

CONTENT

Mallets	10-12
Osteotomes	13-14, 23
Gouges	15-16, 19
Chisels	17
"Swan Neck" Chisel, Extraction Instrument for Prostheses Stems	18
Chisels for Cement Removal	20-21
Cement Extractors	22
Bone Rongeurs	24-27
Bone Cutting Forceps	28
Curettes	29-31
Raspatories	32-34
Luxation Lever	35
Bone Hook, Drill	36
Ball Spikes	37
Wire Guides	38
Extraction Pliers	39
Wire Cutters	40
Tampers	41
Retractor, Retractor Blades	42
Numerical Index	43



Weight refers to the head weight of the respective mallet



FL046211
Spare disc,
diam. 30 mm
metal convex



FL046212
Spare disc,
diam. 30 mm
plastic convex



FL046213
Spare disc,
diam. 30 mm
metal flat



FL046214
Spare disc,
diam. 30 mm
plastic flat



FL046NR 330 g
complete with:
FL046211 Spare disc metal convex
FL046212 Spare disc plastic convex
FL062206 Wrench
235 mm, 9 1/4"



FL057NR 380 g
240 mm, 9 1/2"



FL066NR 580 g
245 mm, 9 5/8"

Weight refers to the head weight of the respective mallet



1/2

FL062211

Spare disc, diam. 35 mm
metal convex



1/2

FL062212

Spare disc, diam. 35 mm
plastic convex



1/2

FL062213

Spare disc, diam. 35 mm
metal flat



1/2

FL062214

Spare disc, diam. 35 mm
plastic w



Diam.
35 mm

1/2

WAGNER

FL062NR 530 g

complete with:
FL062211 Spare disc metal convex
FL062212 Spare disc plastic convex
FL062206 Wrench
240 mm, 9 1/2"



1/2

FL062206

Wrench
for FL046NR and FL062NR
for changing the spare
discs

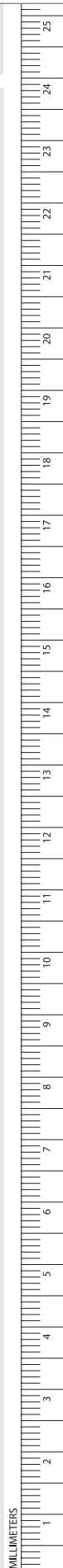


Diam.
43 mm

1/2

FL069NR 780 g

245 mm, 9 5/8"





Weight refers to the head weight of the respective mallet

INFO Box

Mallet with slot KH113NR among other applicable with
cement extractors
 ND079R-ND081R, ND089R.....22
 cement extractor hooks
 ND082R-ND084R22



KH113NR 680 g
Mallet with slot
280 mm, 11"



MB631NR 660 g
225 mm, 8 7/8"





LEXER

Art. No.	Width
FL400NR	4 mm
FL401NR	6 mm
FL402NR	8 mm
FL403NR	10 mm
FL405NR	15 mm
FL406NR	20 mm
FL407NR	25 mm
FL408NR	30 mm

240 mm, 9 1/2"



LEXER

Art. No.	Width
FL820NR	4 mm
FL821NR	6 mm
FL822NR	8 mm
FL823NR	10 mm
FL825NR	15 mm
FL826NR	20 mm
FL827NR	25 mm
FL828NR	30 mm

300 mm, 11 3/4"



INFO Box

Osteotomes
FL920NR-FL927NR
to be used with cross bar
ND078R21

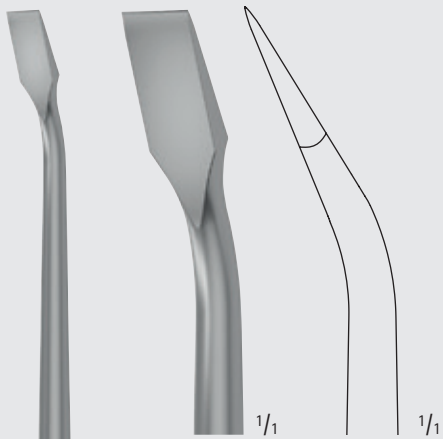
LEXER

Art. No.	Width
FL920NR	4 mm
FL922NR	8 mm
FL925NR	15 mm
FL927NR	25 mm

400 mm, 15 3/4"

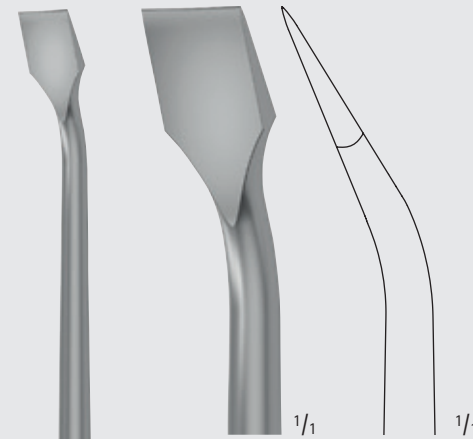


10 mm



LEXER
ND108NR
 angled
 300 mm, 11 3/4"

15 mm



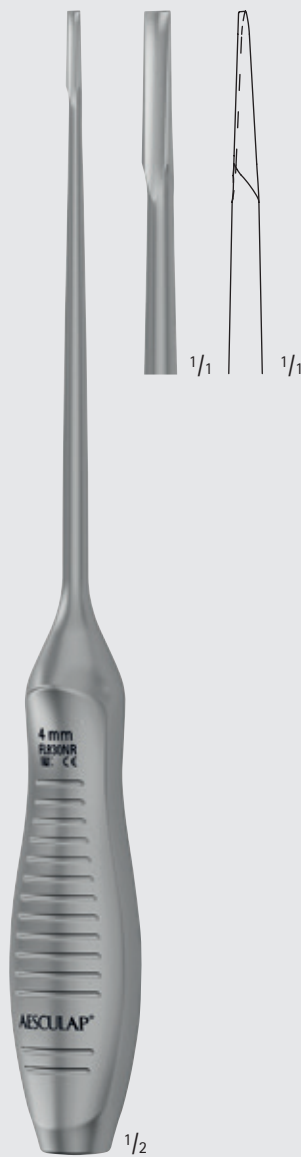
LEXER
ND109NR
 angled
 300 mm, 11 3/4"



LEXER

Art. No.	Width
FL410NR	4 mm
FL411NR	6 mm
FL412NR	8 mm
FL413NR	10 mm
FL415NR	15 mm
FL416NR	20 mm
FL417NR	25 mm
FL418NR	30 mm

240 mm, 9 1/2"



LEXER

Art. No.	Width
FL830NR	4 mm
FL831NR	6 mm
FL832NR	8 mm
FL833NR	10 mm
FL835NR	15 mm
FL836NR	20 mm
FL837NR	25 mm
FL838NR	30 mm

300 mm, 11 3/4"



INFO Box

Gouges FL930NR-FL937NR
to be used with cross bar
ND078R21



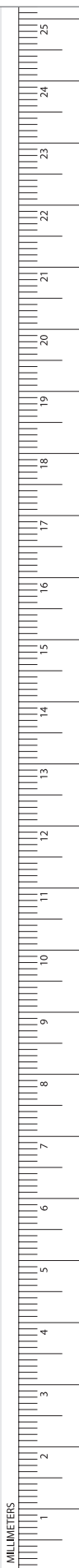
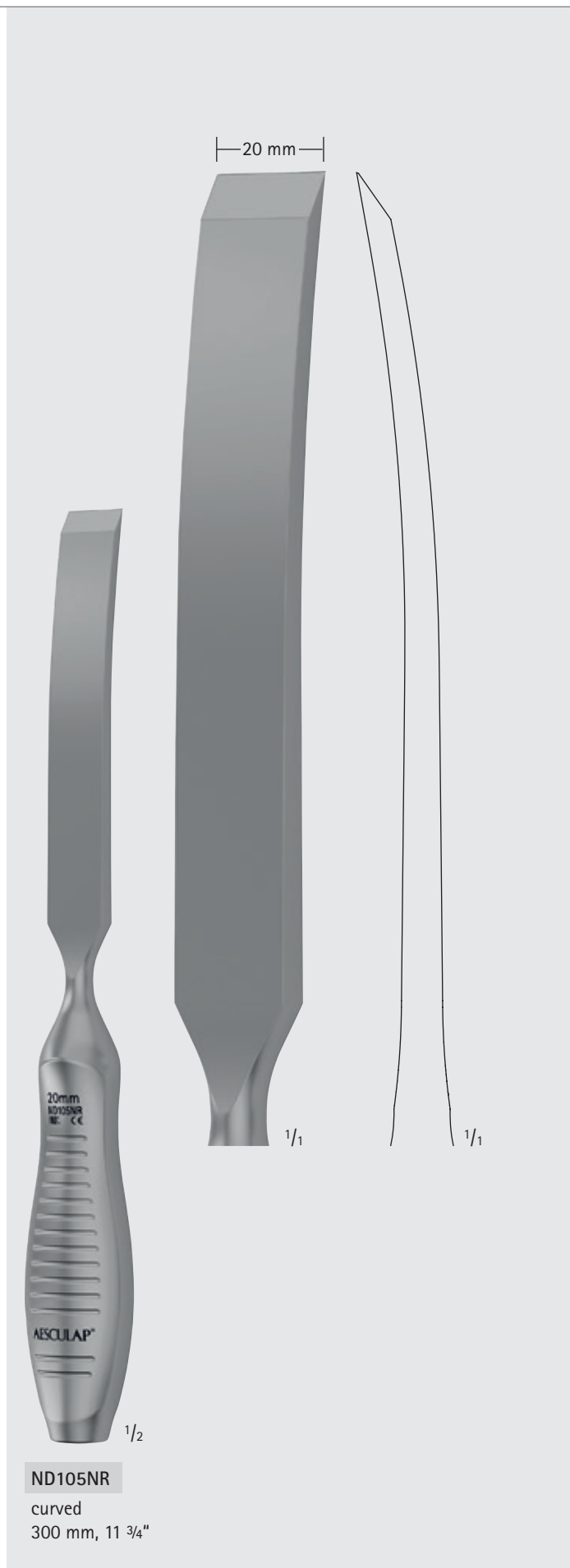
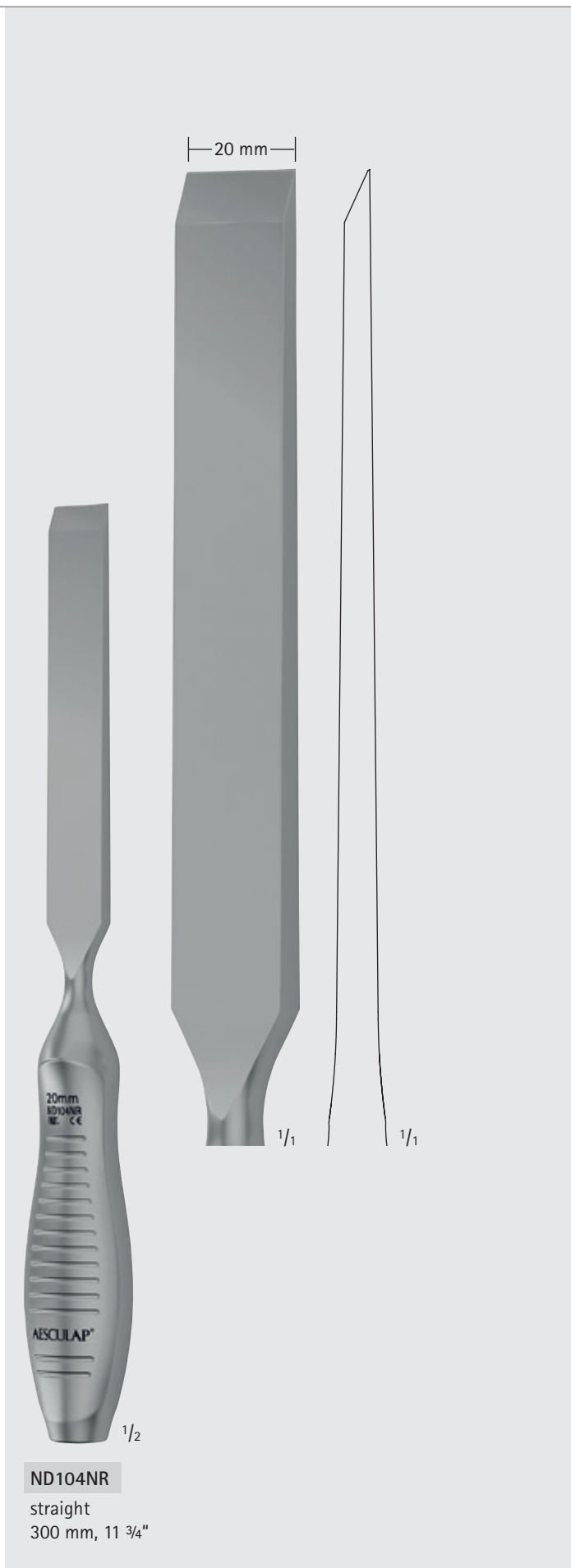
LEXER

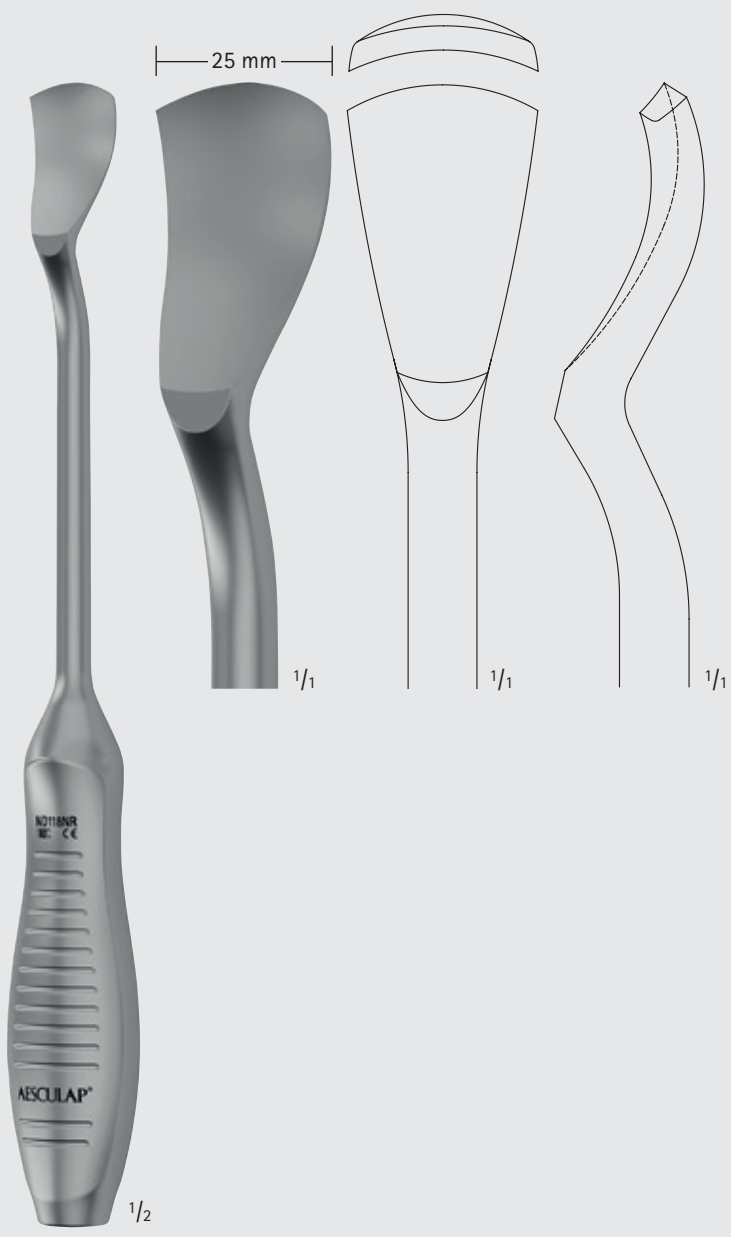
Art. No.	Width
FL930NR	4 mm
FL932NR	8 mm
FL935NR	15 mm
FL937NR	25 mm
400 mm, 15 3/4"	



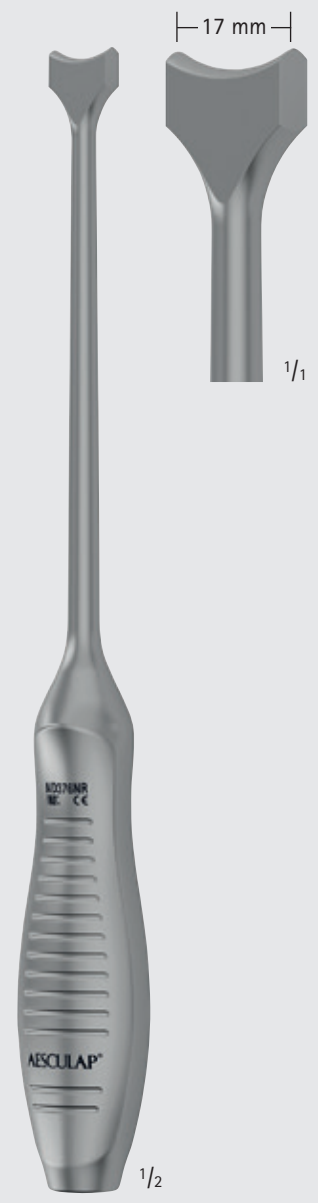
Art. No.	Width
FL441NR	5 mm
FL443NR	10 mm
FL445NR	15 mm

Cancellous bone gouges, curved
240 mm, 9 1/2"





ND118NR
 "Swan neck" chisel
 300 mm, 11 3/4"



ND376NR
 Extraction instrument
 for prostheses stems
 300 mm, 11 3/4"

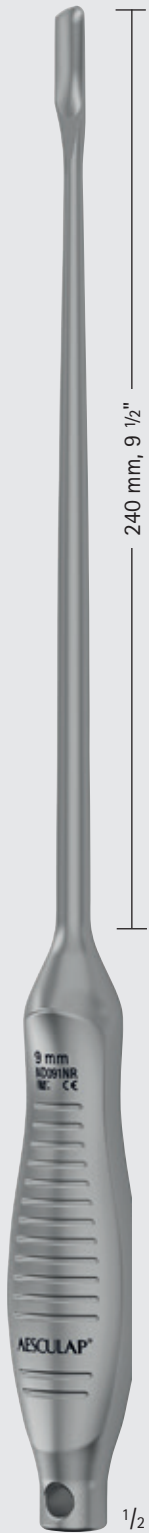


REPROCESSING INFORMATION
for all AESCULAP® medical products. You will
find the corresponding instructions for use for
each article number on our website:
[HTTP://BBRAUN.INFO/REPROCESSING](http://BBRAUN.INFO/REPROCESSING)

sq.line®
GOUGES

INFO Box

Gouges ND091NR-ND098NR to be used
with cross bar ND078R21

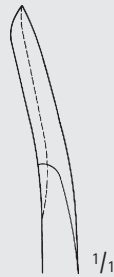
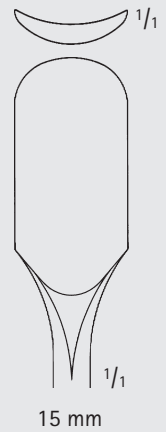


240 mm, 9 1/2"

WAGNER

ND091NR-ND098NR

400 mm, 15 3/4"



angled forward



ND092NR



ND097NR



angled backward



ND093NR



ND098NR



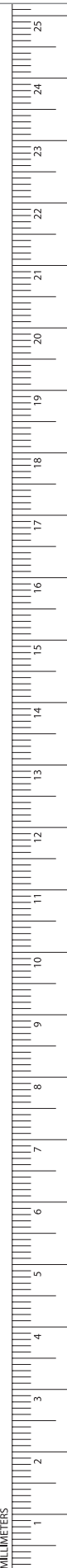
straight



ND091NR

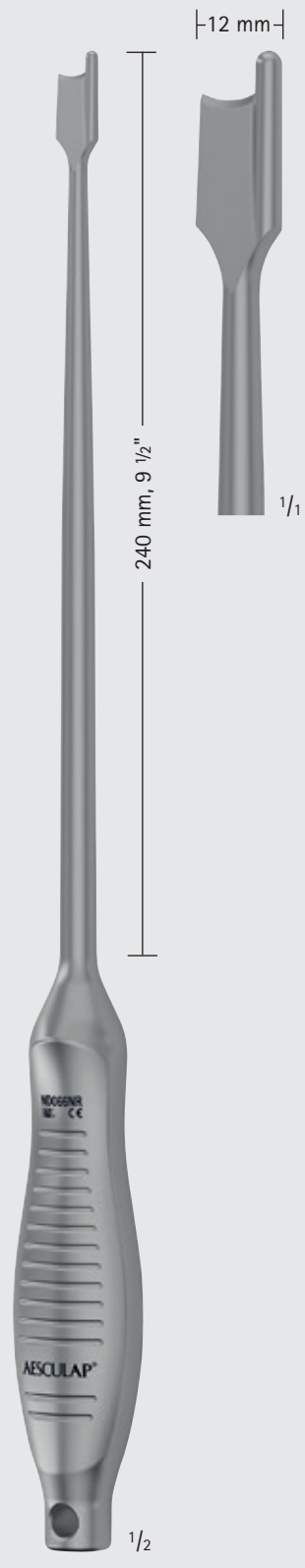


ND096NR

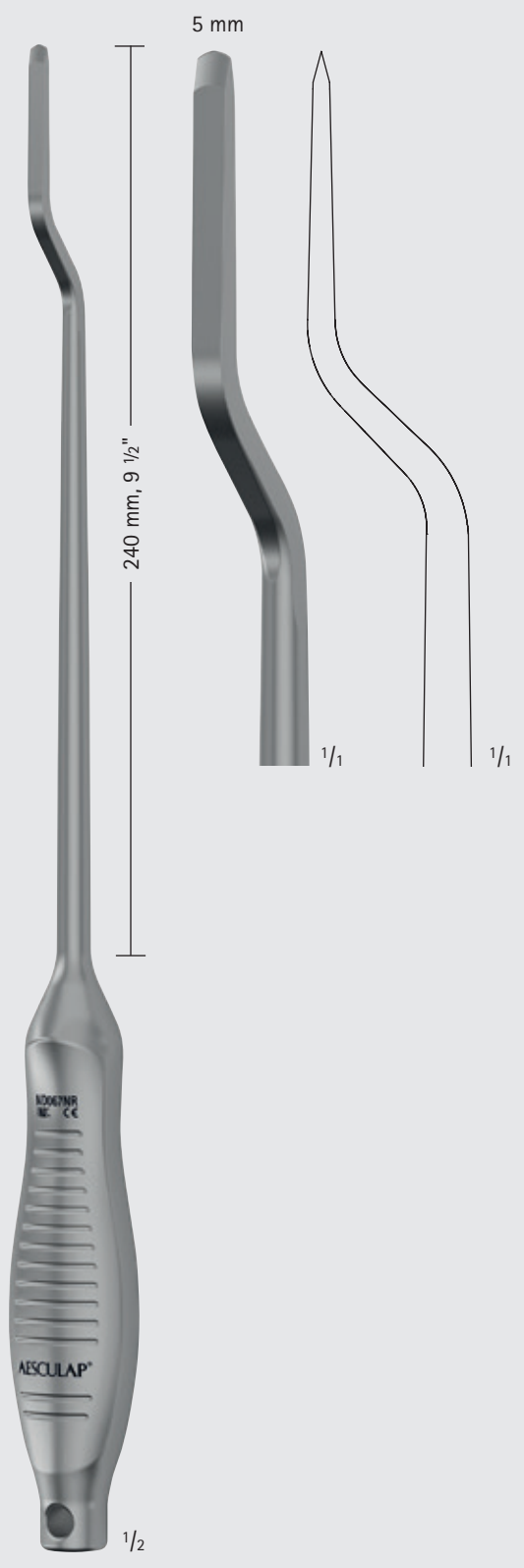




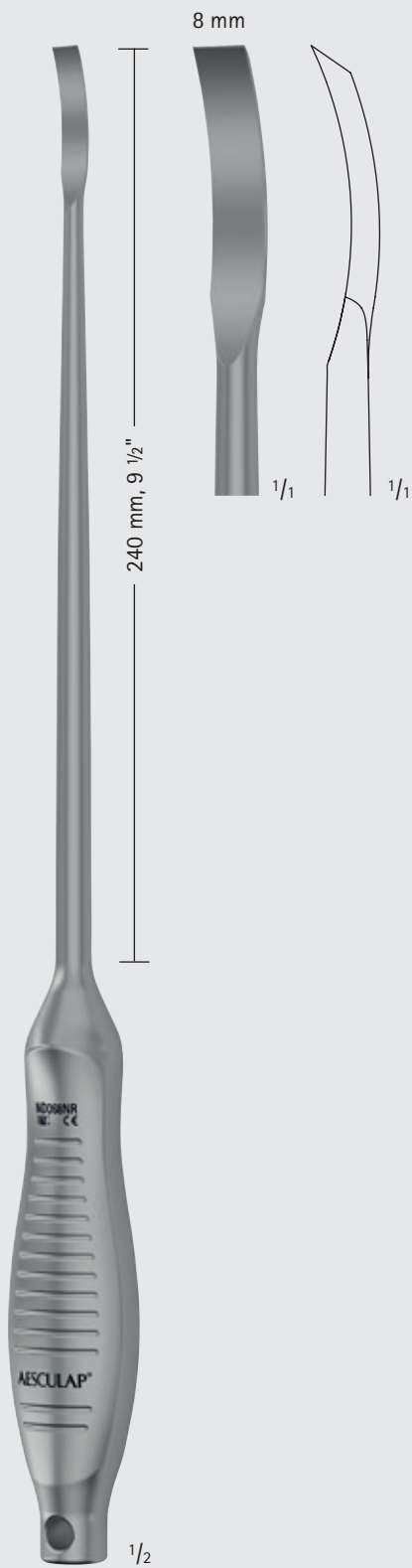
INFO Box
Chisels ND066NR-ND068NR
to be used with
cross bar ND078R 21



ND066NR
straight,
chamfered
400 mm, 15 3/4"



ND067NR
bayonet-shaped
400 mm, 15 3/4"



ND068NR

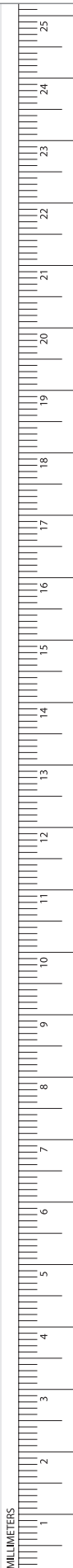
curved
400 mm, 15 3/4"

INFO Box	
Cross bar ND078R for use with osteostomes:	
FL920NR-FL927NR	13
with chisels:	
FL930NR-FL937NR	16
with gouges:	
ND066NR-ND068NR	20, 21
ND091NR-ND098NR	19



ND078R

Cross bar
110 mm, 4 1/4"



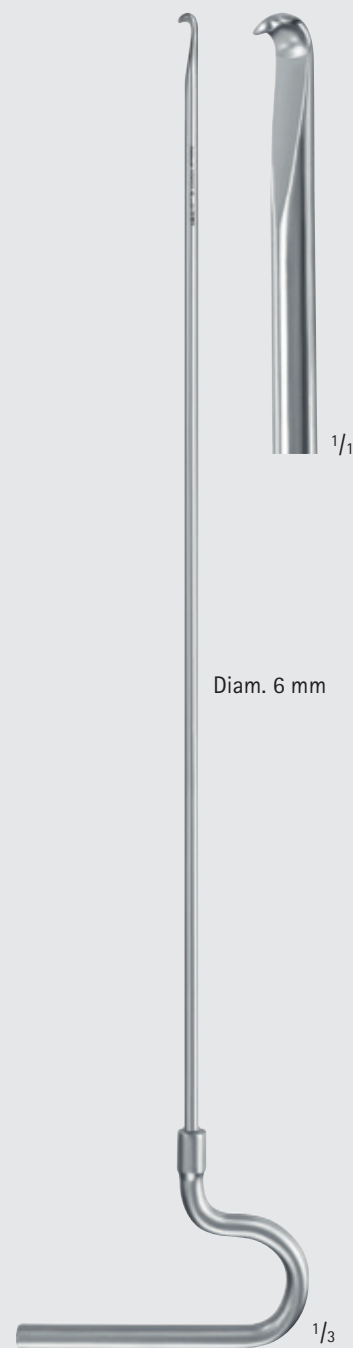


INFO Box
Mallet with slot
KH113NR 12
among other applicable with
cement extractors ND079R-ND081R,
ND089R and
cement extractor hooks ND082R-ND084R



Art. No.	Tip size diam.	Shaft diam.
ND079R	8 mm	6 mm
ND080R	10 mm	6 mm
ND081R	12 mm	6 mm
ND089R	14 mm	6 mm

Cement extractors with thread
525 mm, 20 3/4"



Art. No.	Blade width	Shaft diam.
ND082R	6 mm	6 mm
ND083R	8 mm	6 mm
ND084R	10 mm	6 mm

Cement extractor hooks
530 mm, 20 7/8"



LAMBOTTE

Art. No.	Width
FL650R	4 mm
FL663R	6 mm
FL651R	8 mm
FL652R	10 mm
FL653R	13 mm
FL654R	15 mm
FL655R	18 mm
FL656R	20 mm
FL658R	25 mm
FL659R	30 mm
FL660R	40 mm
FL662R	50 mm

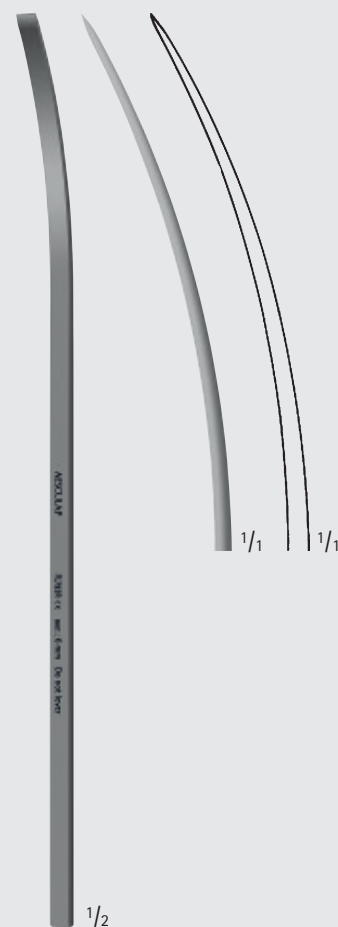
straight
240 mm, 9 1/2"



LAMBOTTE

Art. No.	Width
FL800R	4 mm
FL813R	6 mm
FL801R	8 mm
FL802R	10 mm
FL804R	15 mm
FL806R	20 mm
FL808R	25 mm
FL809R	30 mm
FL810R	40 mm
FL812R	50 mm

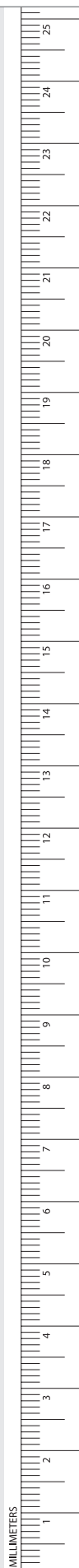
straight
300 mm, 11 3/4"

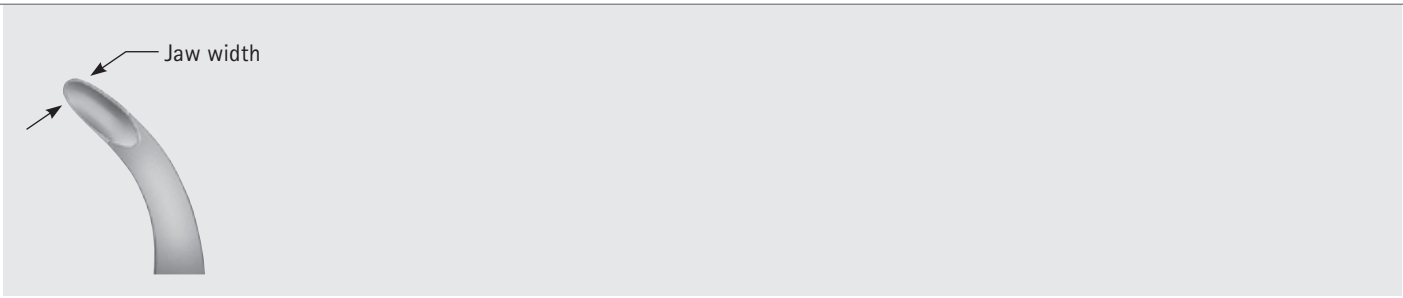


LAMBOTTE

Art. No.	Width
FL793R	6 mm
FL781R	8 mm
FL782R	10 mm
FL783R	15 mm
FL785R	20 mm
FL788R	25 mm
FL789R	30 mm
FL790R	40 mm

curved
240 mm, 9 1/2"





curved
jaw width:
3.8 mm

1/1

1/2

LUER
FO520NR
delicate pattern
180 mm, 7"

curved
jaw width:
4.6 mm

1/1

1/2

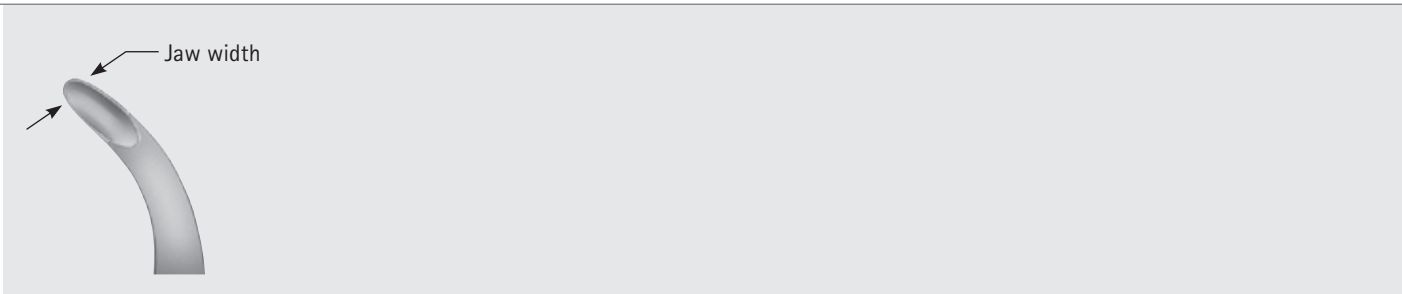
LUER
FO515NR
medium pattern
180 mm, 7"

curved
jaw width:
5.5 mm

1/1

1/2

LUER
FO518NR
strong pattern
180 mm, 7"



curved
jaw width:
3.8 mm

1/1

1/2

LUER
FO516NR
delicate pattern
240 mm, 9 1/2"

curved
jaw width:
4.6 mm

1/1

1/2

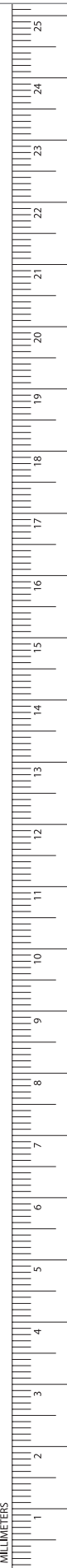
LUER
FO517NR
medium pattern
240 mm, 9 1/2"

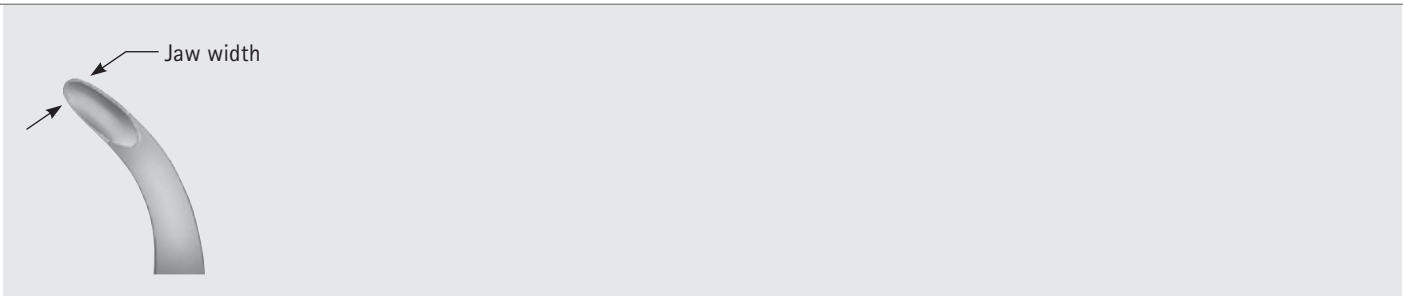
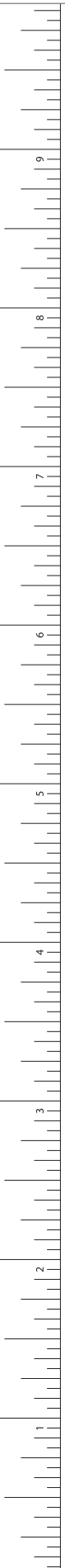


curved
jaw width:
5.5 mm

1/1

1/2

LUER
FO521NR
strong pattern
240 mm, 9 1/2"









angled to side
jaw width:
6.8 mm

1/1

1/2

LUER-STILLE
FO530NR
very strong pattern
240 mm, 9 1/2"

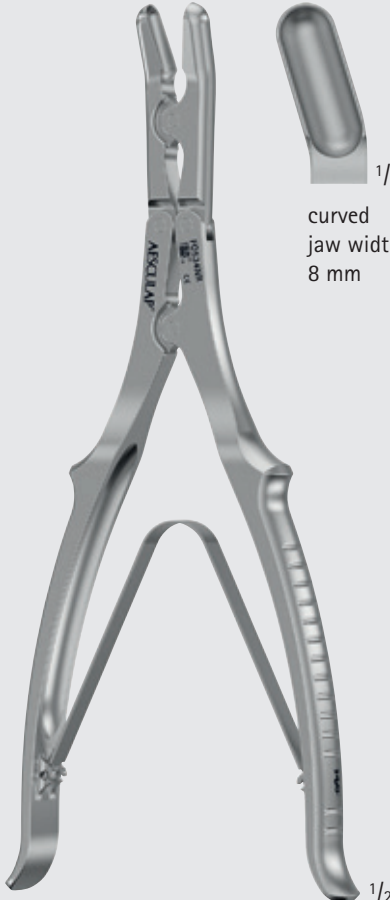




straight
jaw width:
8 mm

1/1

1/2

LUER-STILLE
FO532NR
very strong pattern
240 mm, 9 1/2"

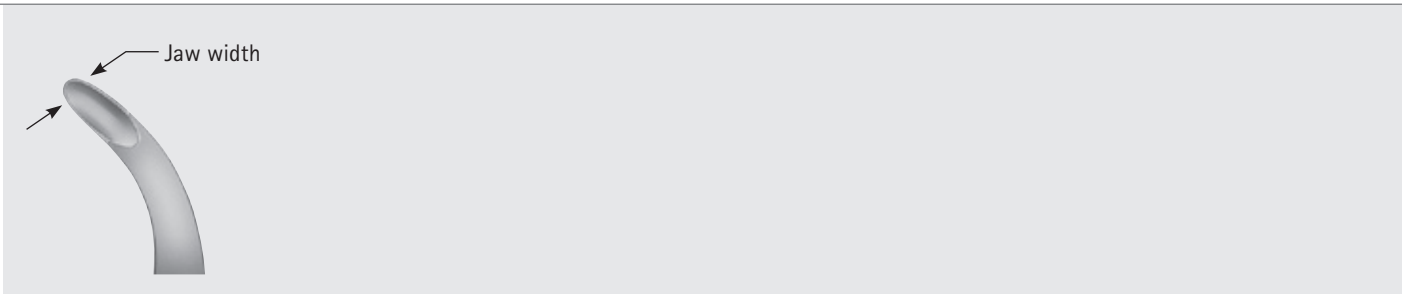



curved
jaw width:
8 mm

1/1

1/2

LUER-STILLE
FO534NR
very strong pattern
240 mm, 9 1/2"



straight
jaw width:
10.6 mm

1/1

1/2

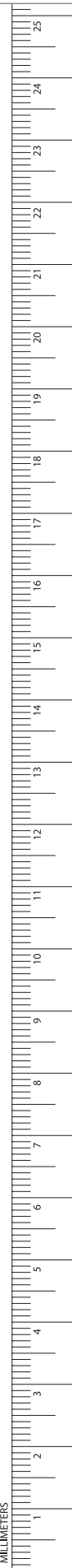
LUER-STILLE
FO550NR
extra strong pattern
240 mm, 9 1/2"

curved
jaw width:
10.2 mm

1/1

1/2

LUER-STILLE
FO551NR
extra strong pattern
240 mm, 9 1/2"





$\frac{1}{1}$
angled,
30 mm cutting edge

LISTON
FO645NR
240 mm, 9 1/2"



$\frac{1}{1}$
angled,
22 mm cutting edge

RUSKIN-LISTON
FO641NR
180 mm, 7"

2.8 mm 3.6 mm 4.4 mm



FK630NR
Fig. 0000



FK631NR
Fig. 000



FK632NR
Fig. 00

5.2 mm



FK633NR
Fig. 0

6.8 mm



FK634NR
Fig. 1

8.5 mm



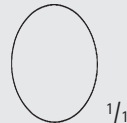
FK635NR
Fig. 2

10 mm



FK636NR
Fig. 3

11.5 mm



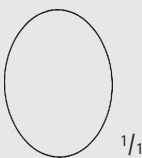
FK637NR
Fig. 4

13 mm



FK638NR
Fig. 5

14.5 mm



FK639NR
Fig. 6



VOLKMANN
FK630NR-FK639NR
180 mm, 7"

2.8 mm



FK640NR
Fig. 0000

3.6 mm



FK641NR
Fig. 000

4.4 mm



FK642NR
Fig. 00

5.2 mm



FK643NR
Fig. 0

6.8 mm



FK644NR
Fig. 1

8.5 mm



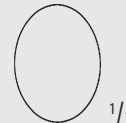
FK645NR
Fig. 2

10 mm



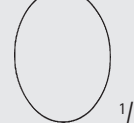
FK646NR
Fig. 3

11.5 mm



FK647NR
Fig. 4

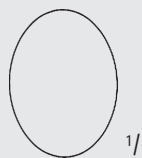
13 mm



FK648NR
Fig. 5



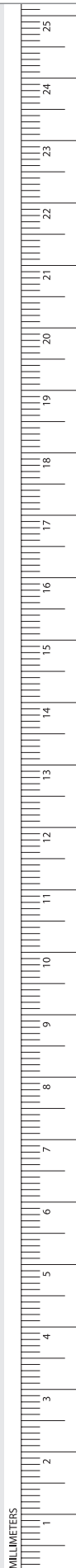
14.5 mm

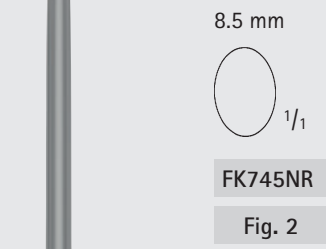


FK649NR
Fig. 6

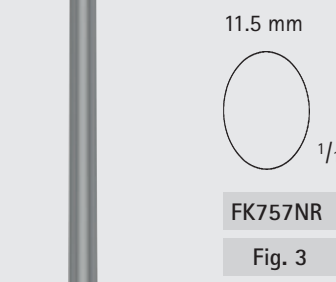


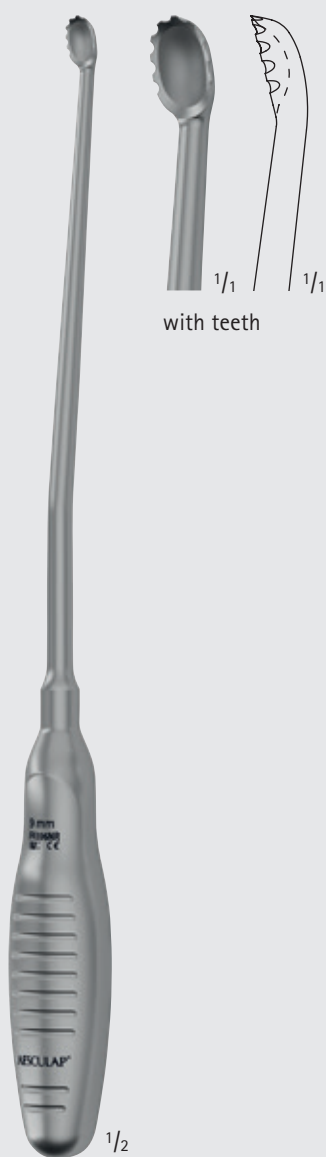
VOLKMANN
FK640NR-FK649NR
240 mm, 9 1/2"



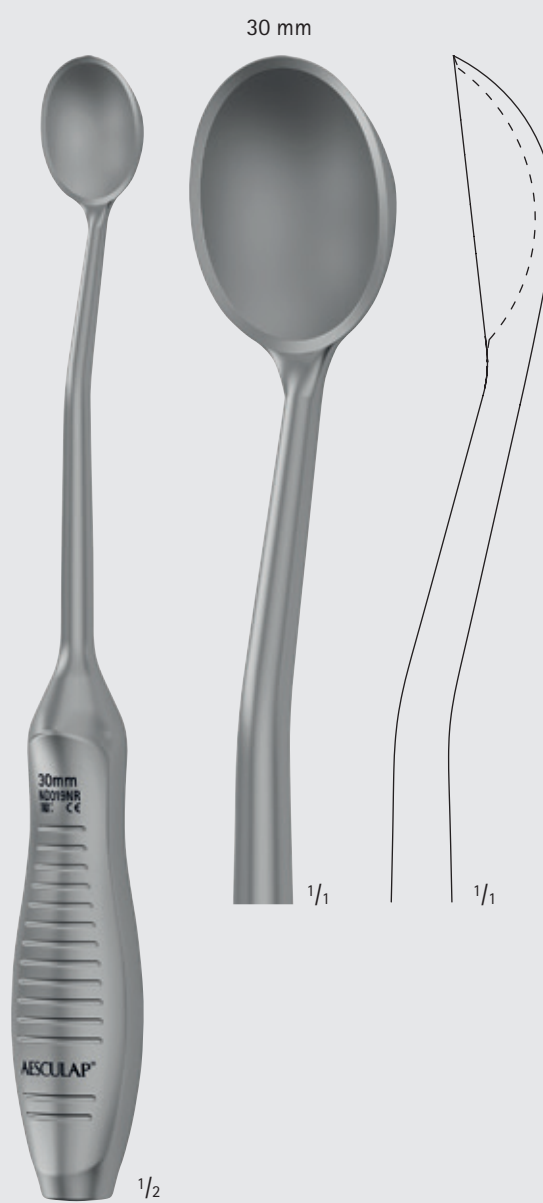


VOLKMANN
FK743NR-FK747NR
300 mm, 11 3/4"

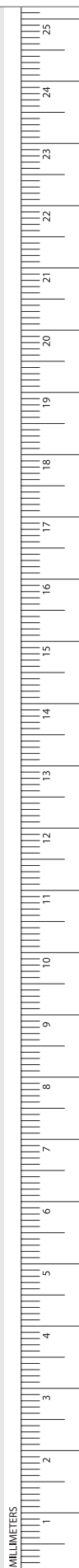


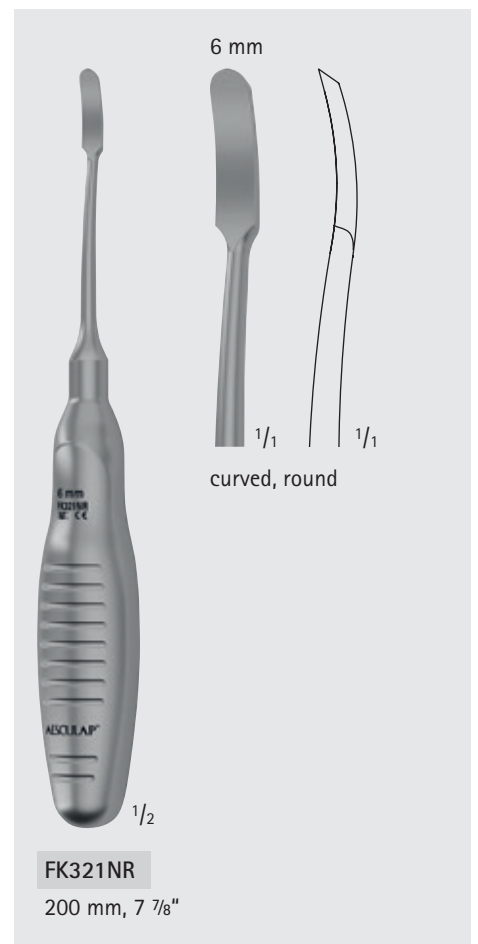
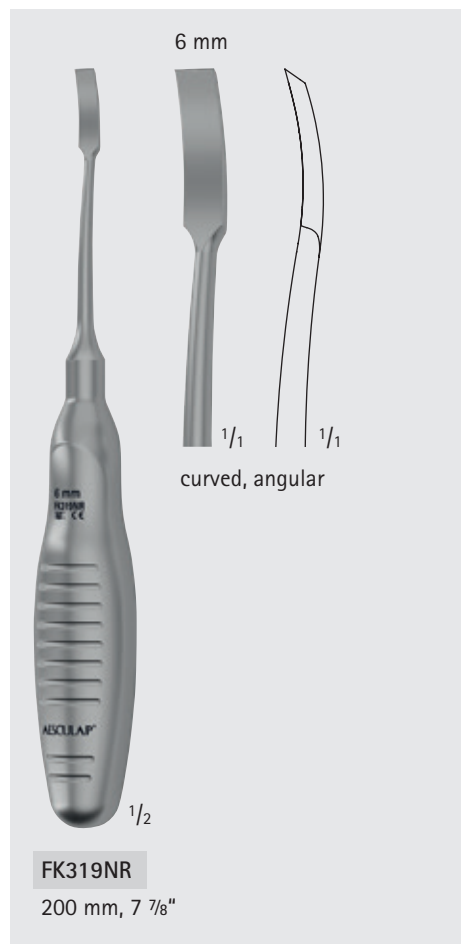
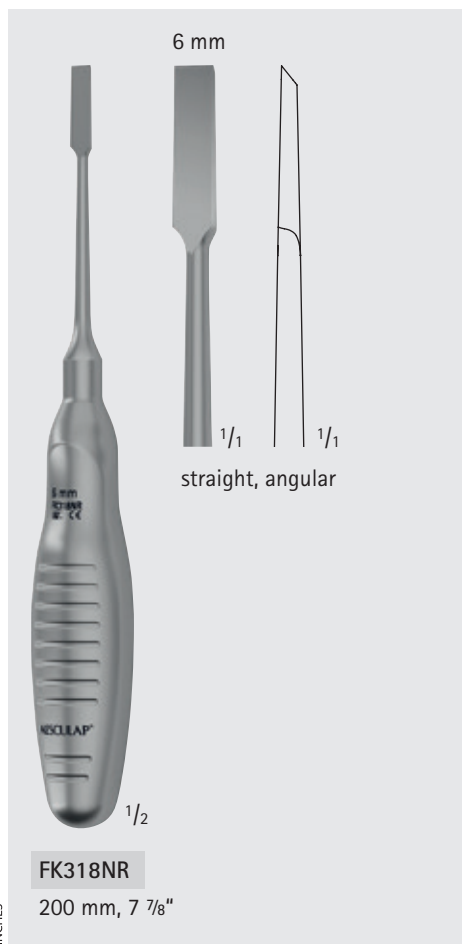
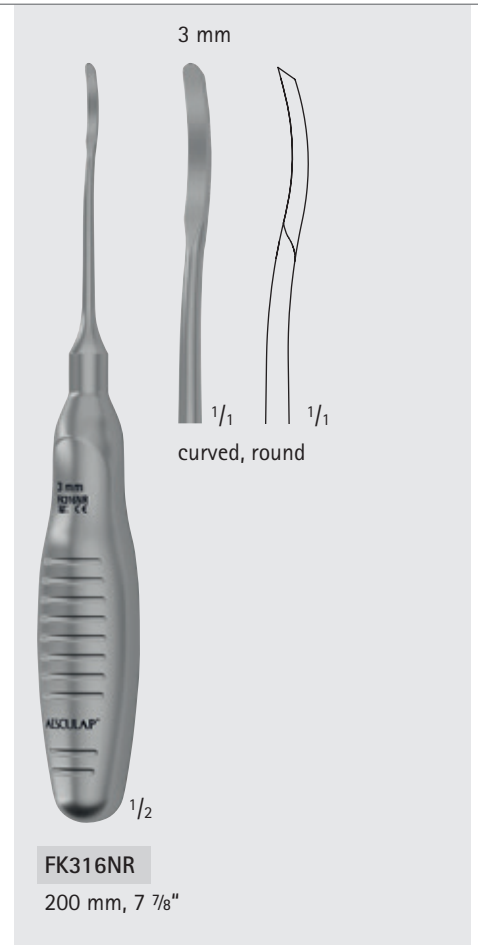
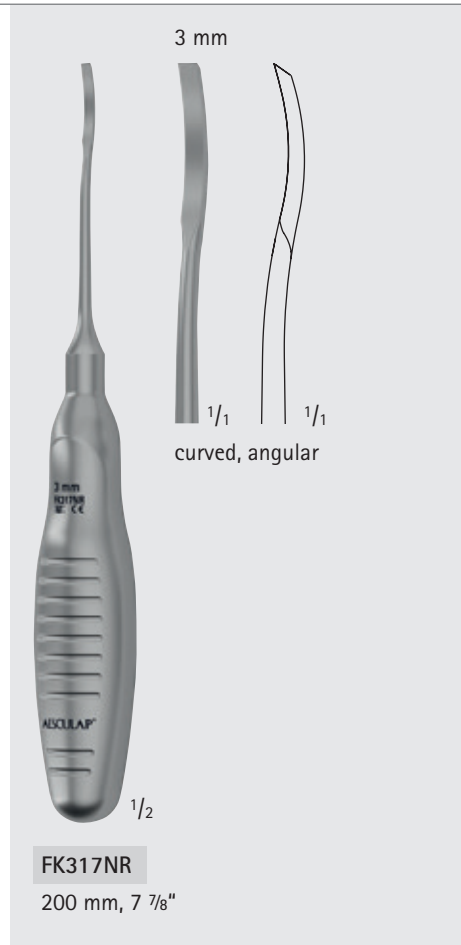
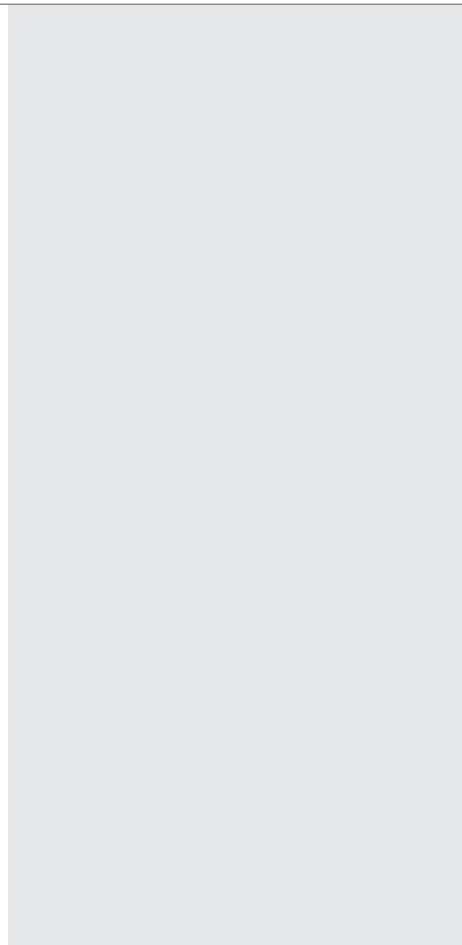
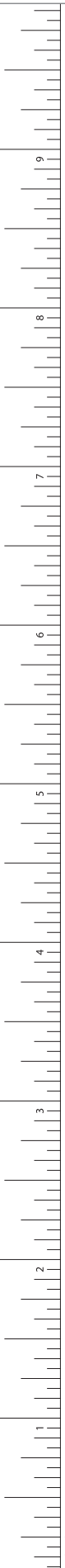


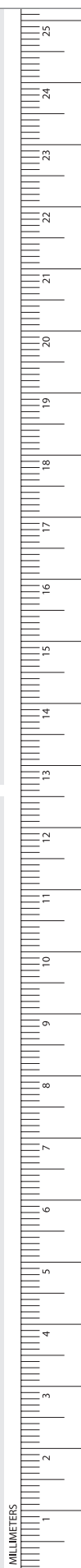
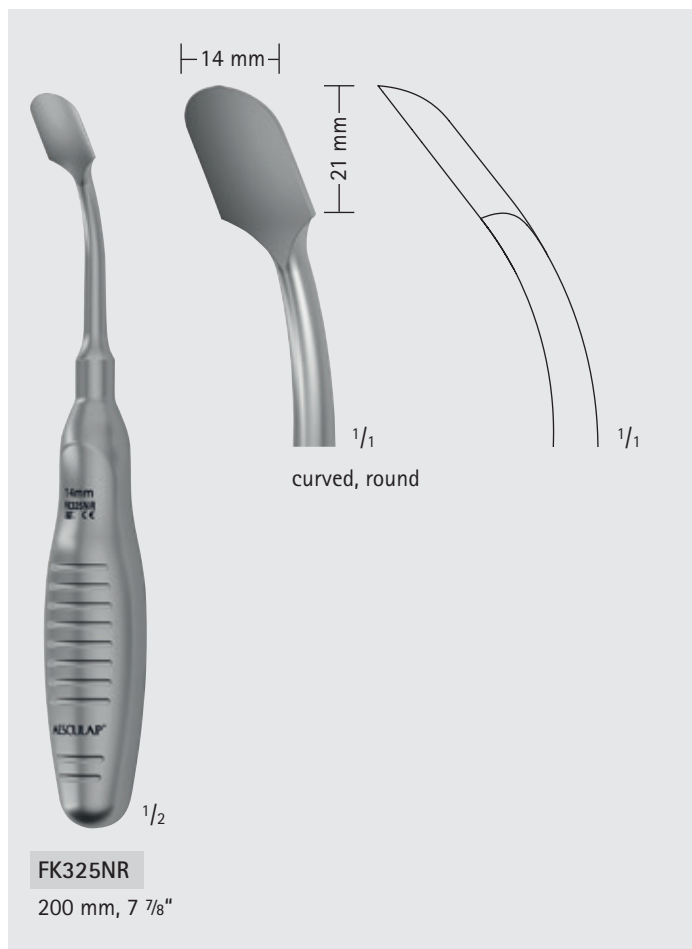
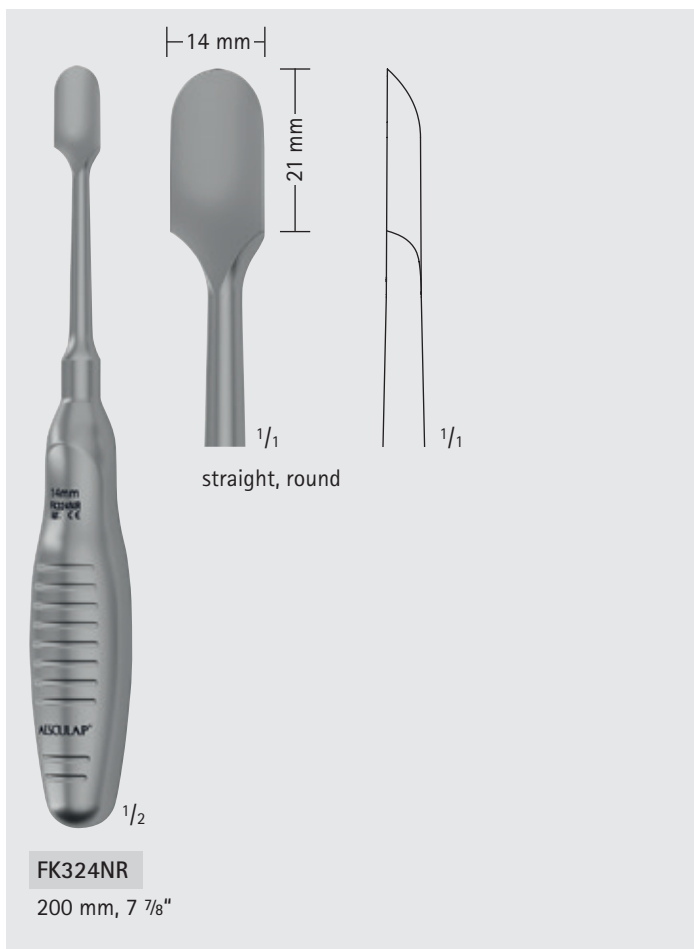
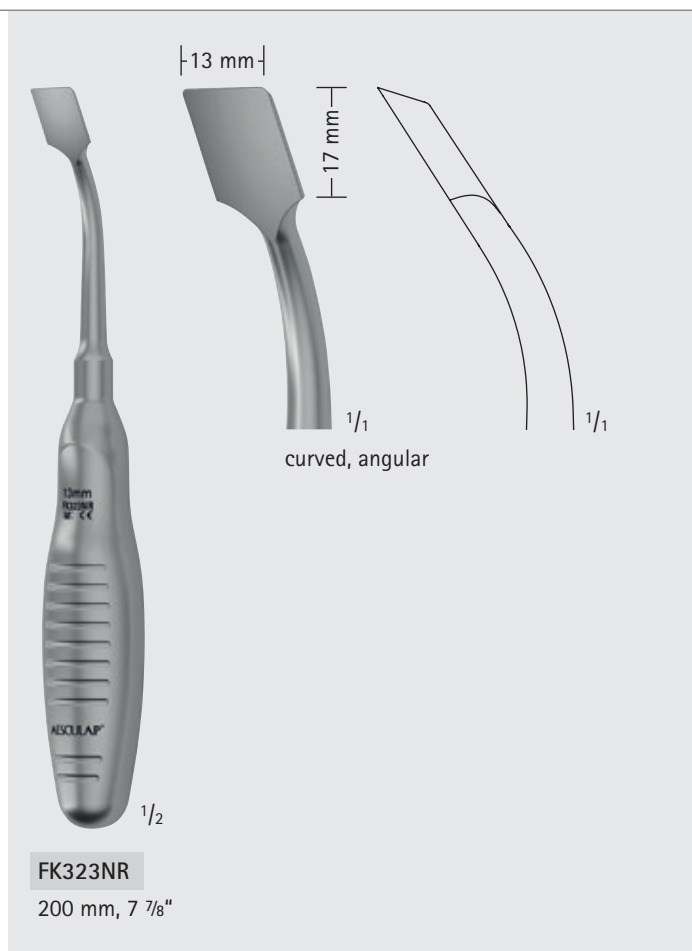
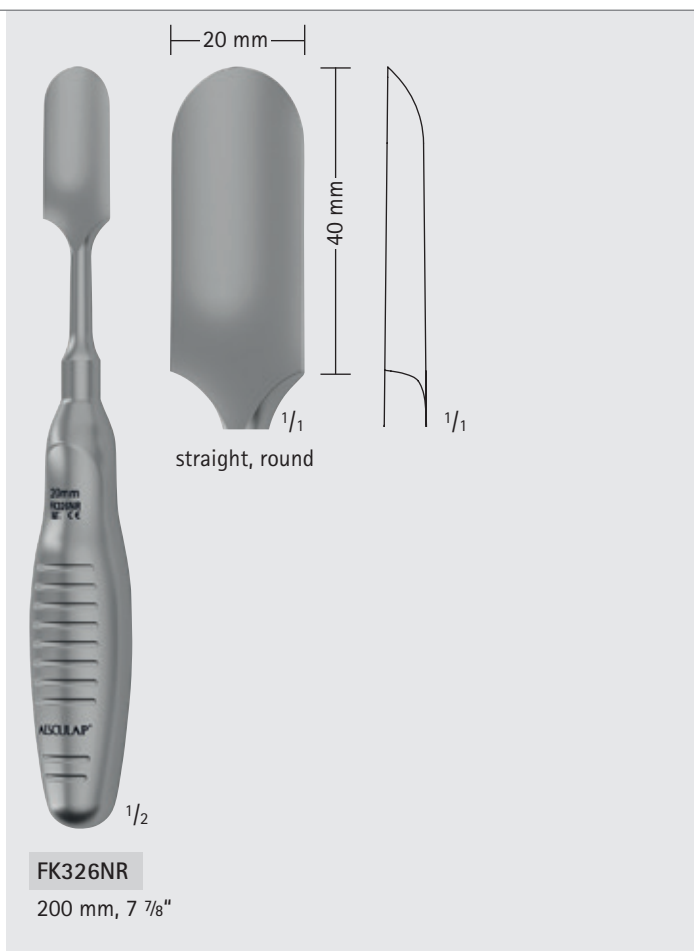
Art. No.	Width
FK696NR	9 mm
FK698NR	15 mm
300 mm, 11 3/4"	

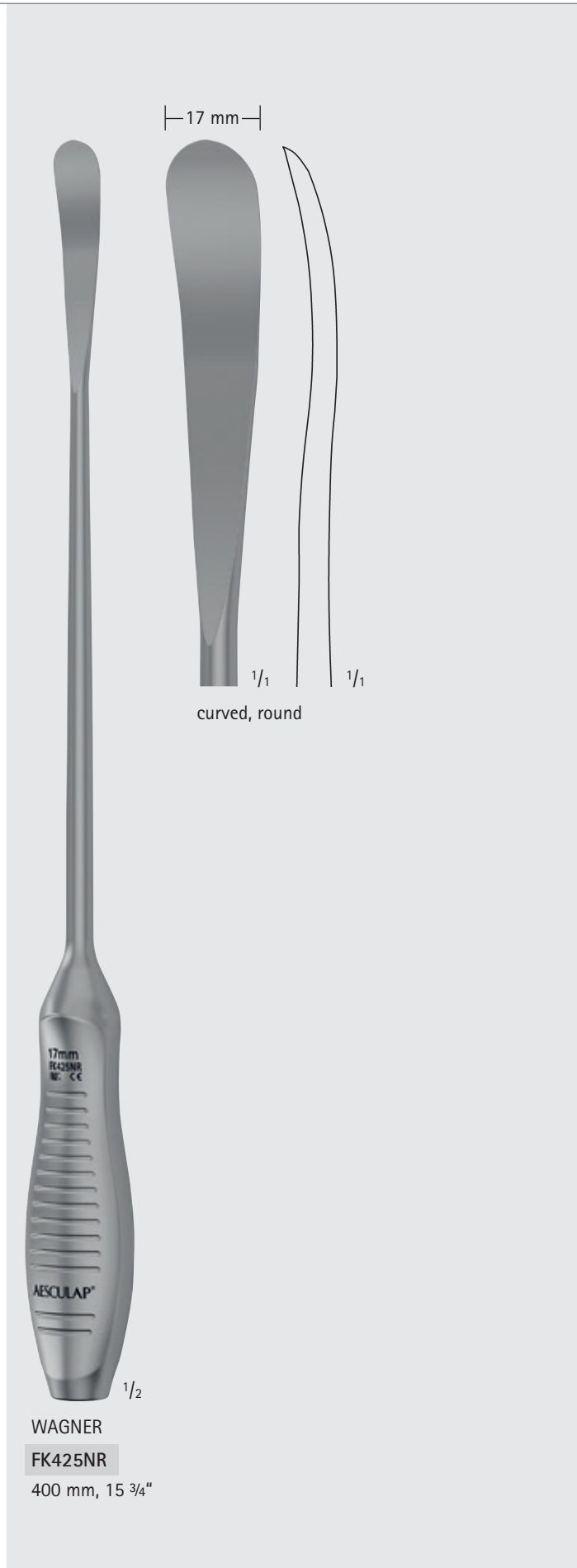
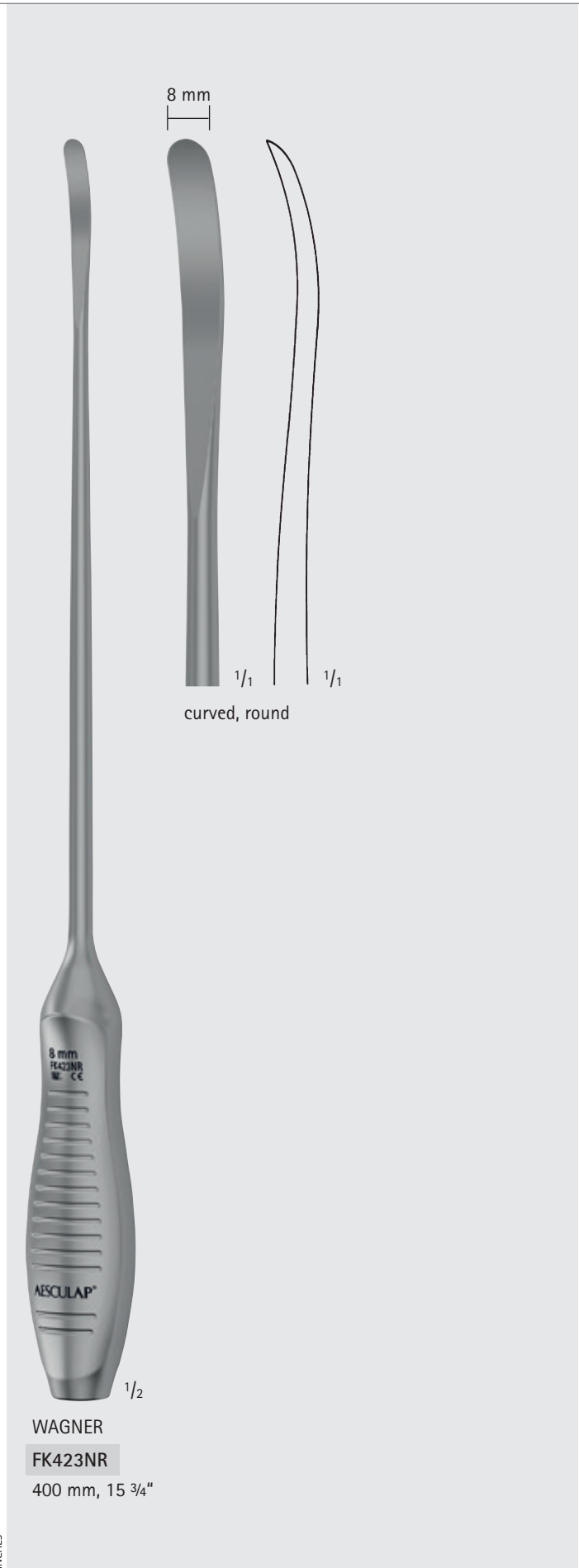


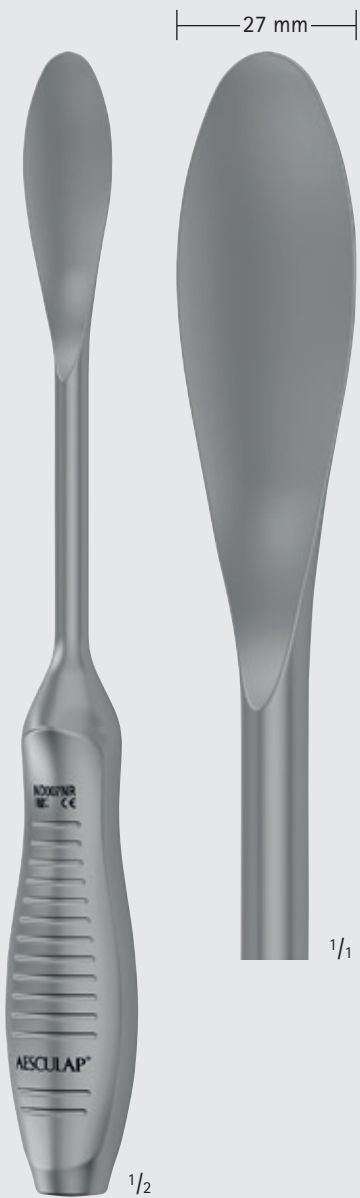
ND019NR
300 mm, 11 3/4"



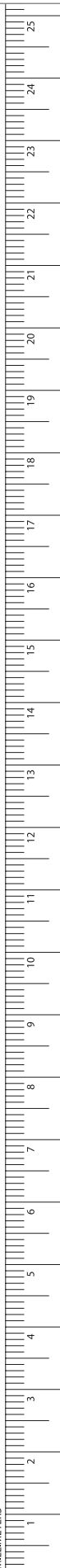


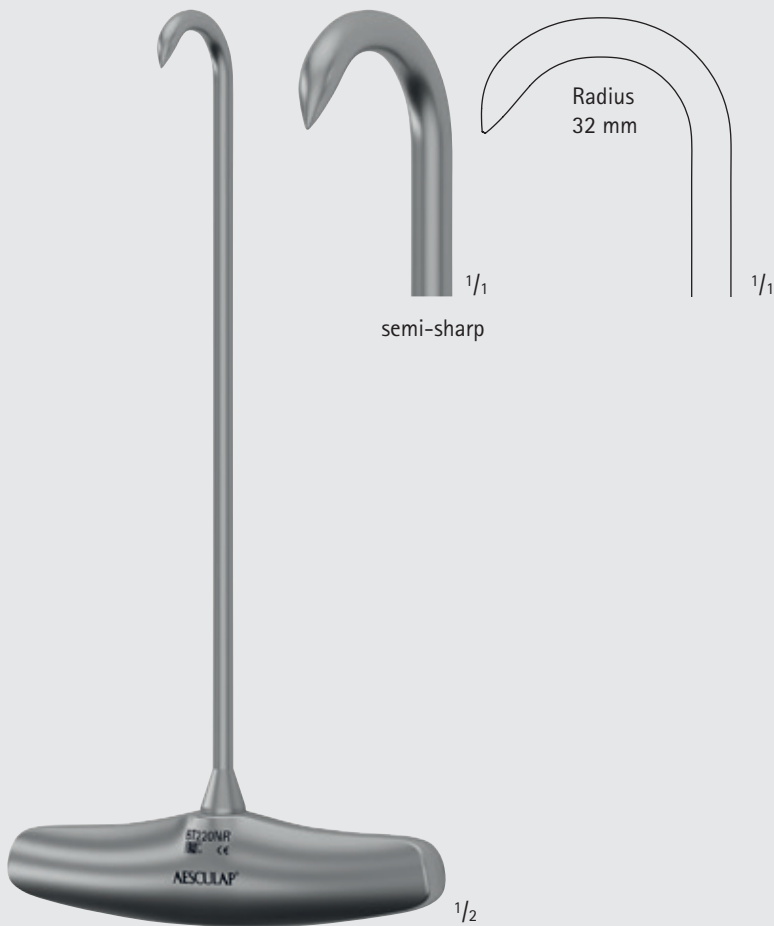






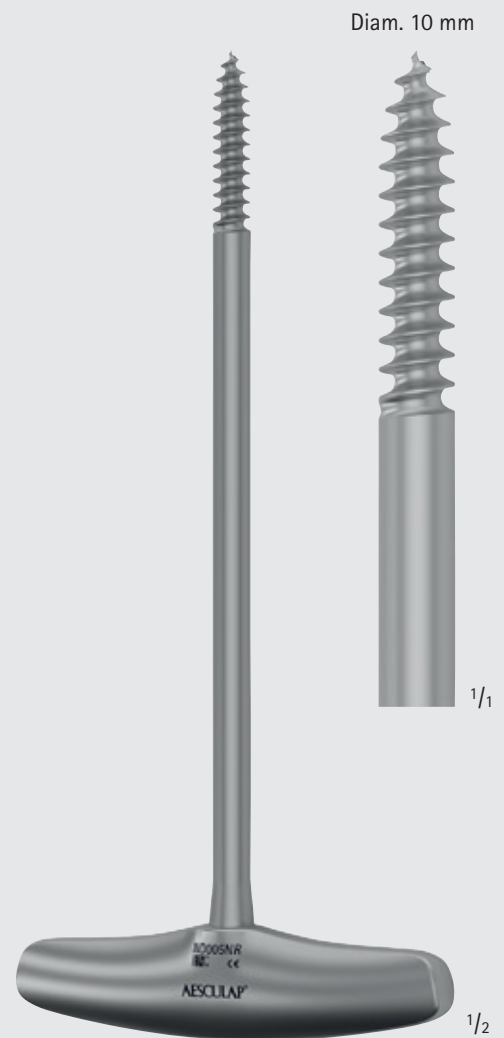
ND007NR
for dislocating the
femoral head
300 mm, 11 3/4"





BT220NR

Bone hook with T-handle
240 mm, 9 1/2"



ND005NR

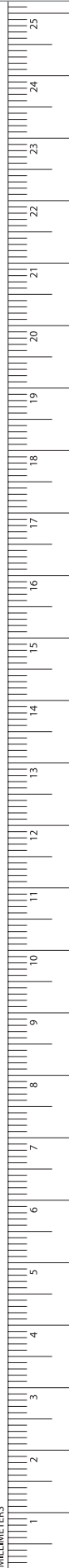
Drill with T-handle
for femoral head extraction
260 mm, 10 1/4"

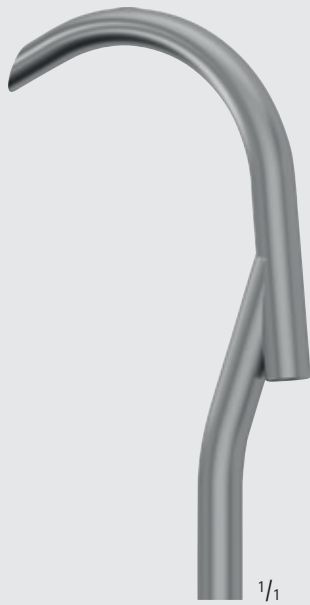
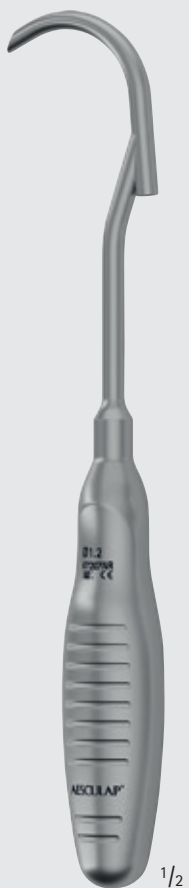
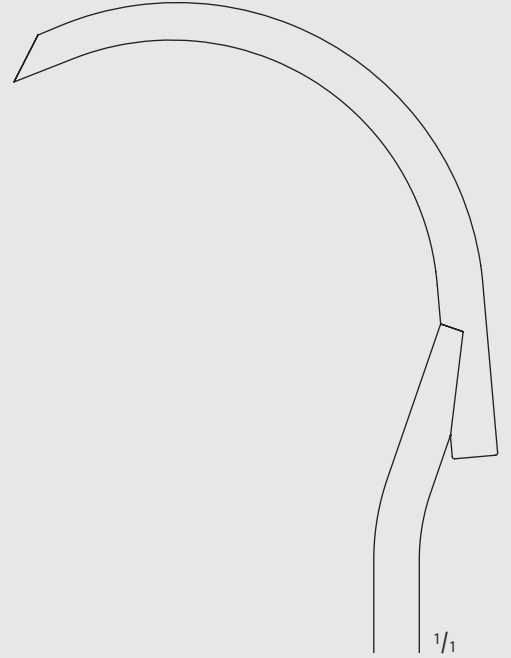
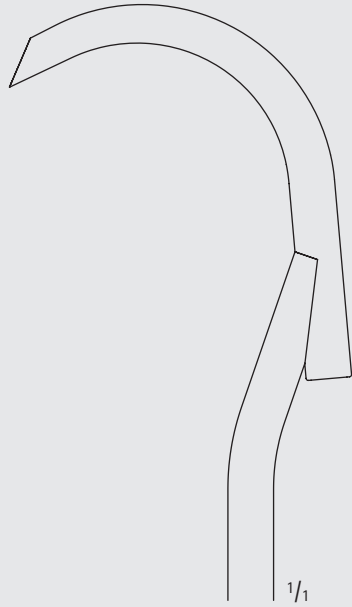


FO102NR
200 mm, 7 7/8"

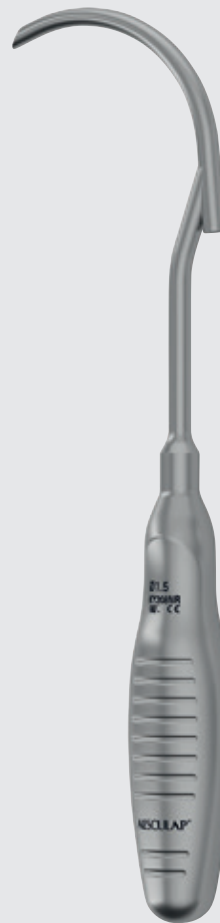


FO103NR
240 mm, 9 1/2"





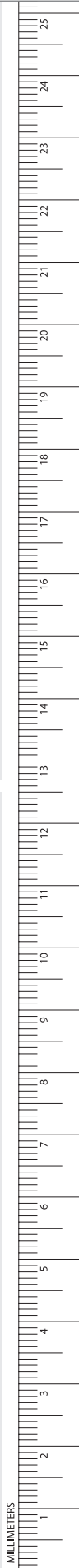
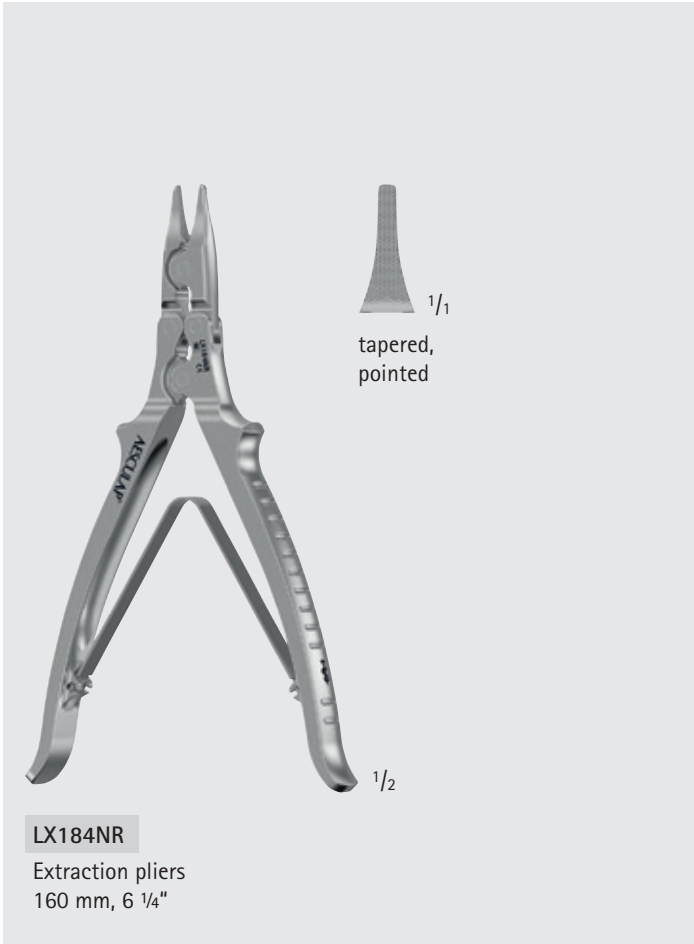
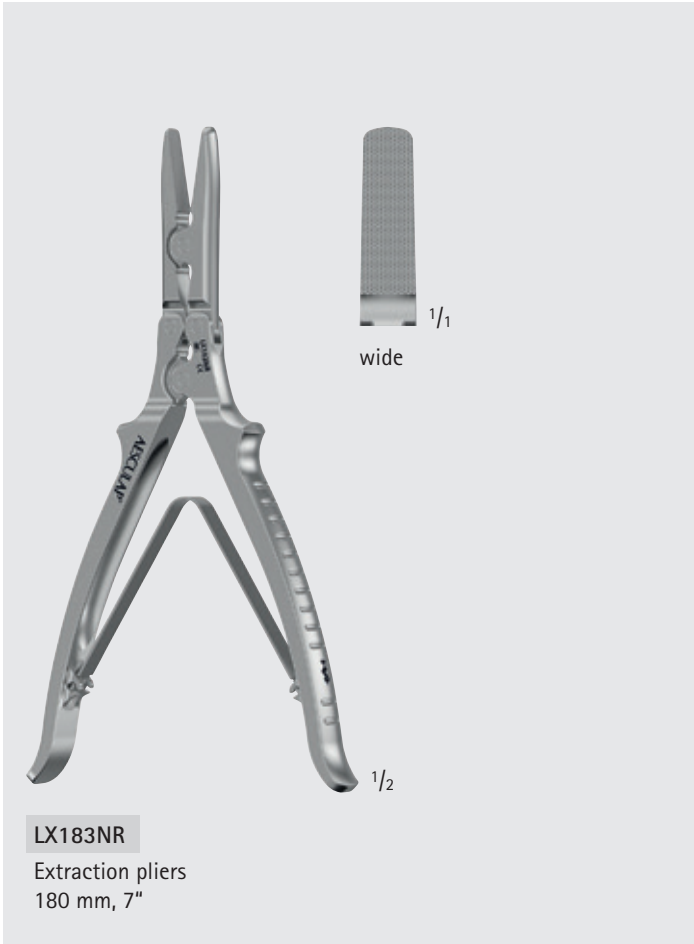
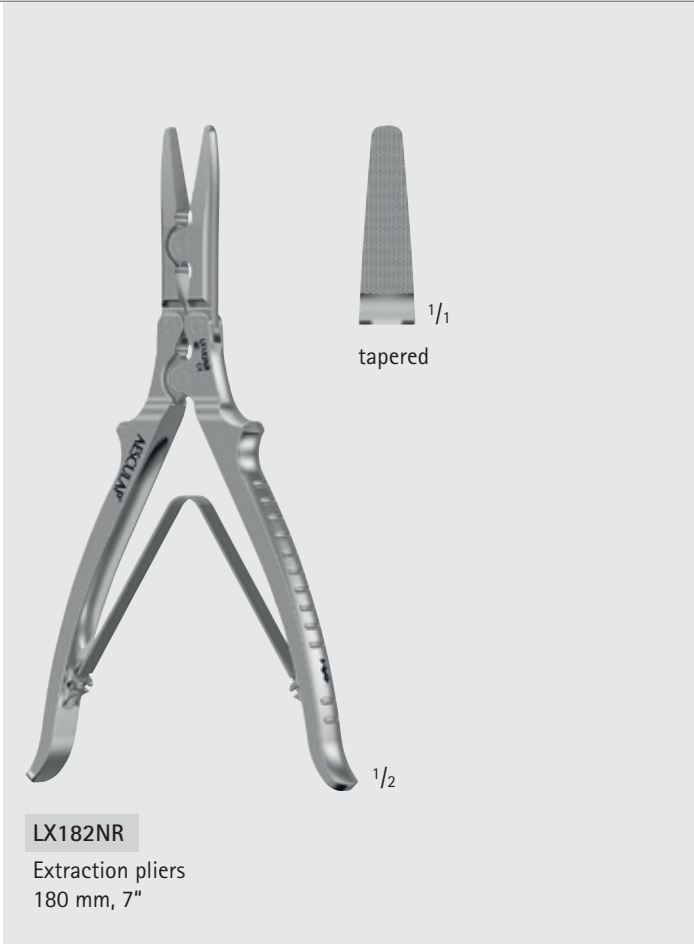
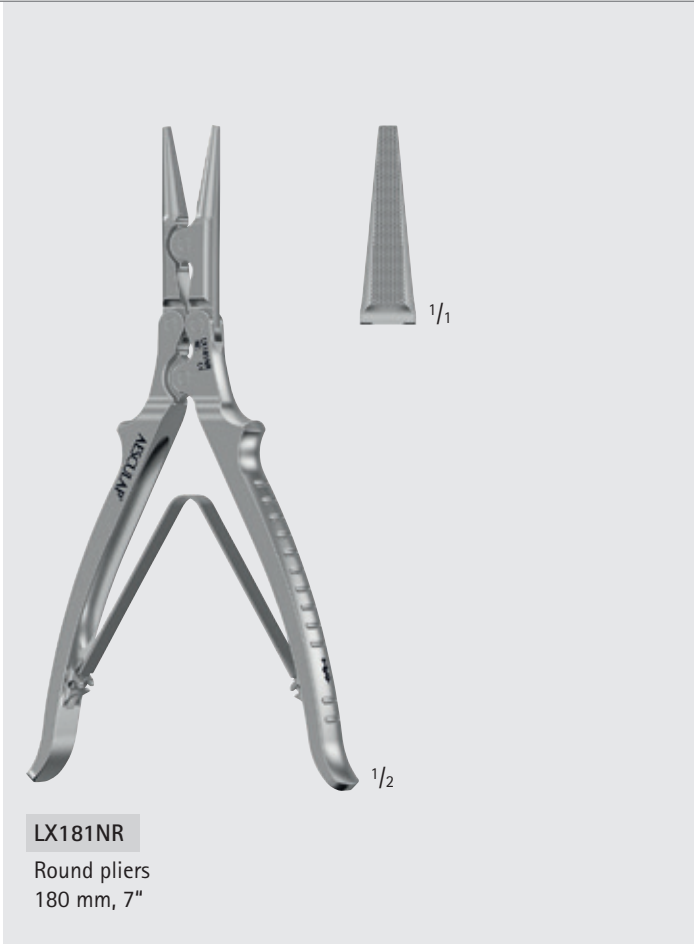
small, curved
for wire
diam. 1.2 mm



large, curved
for wire
diam. 1.5 mm

KY207NR
230 mm, 9"

KY208NR
240 mm, 9 1/2"





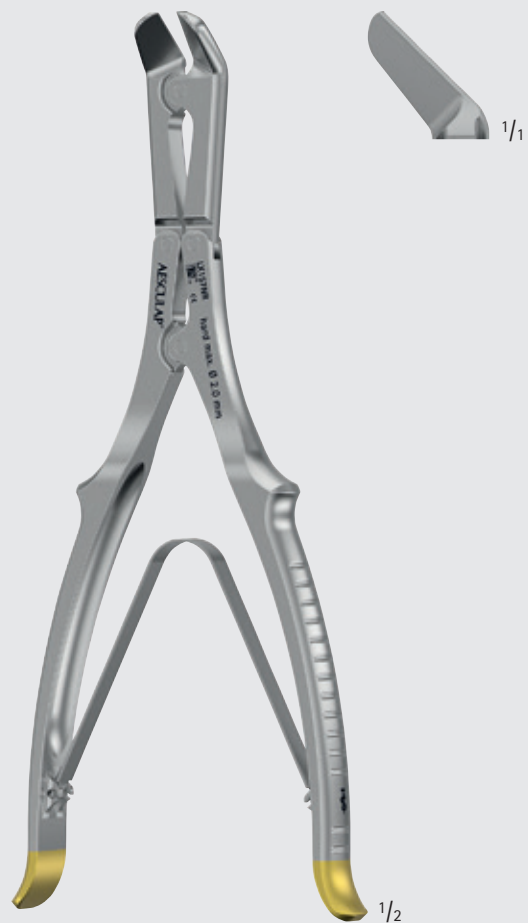
▪ specially hardened cutting edges



LX159NR

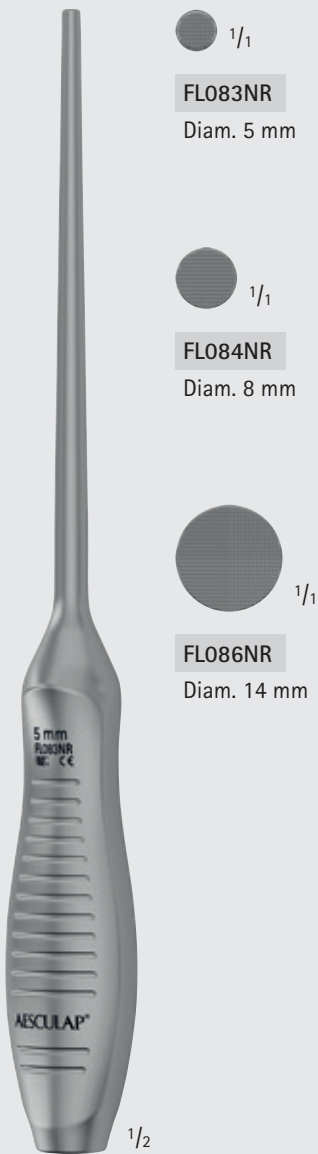
for hard wire with diam. maximum up to 1.5 mm
180 mm, 7"

▪ specially hardened cutting edges



LX157NR

for hard wire with diam. maximum up to 2.0 mm
240 mm, 9 1/2"



FL083NR
Diam. 5 mm

FL084NR
Diam. 8 mm

FL086NR
Diam. 14 mm

FL083NR-FL086NR
round, cross serrated
300 mm, 11 3/4"



ND584NR
9 x 3.5 mm

ND585NR
10 x 6 mm

ND586NR
17 x 7 mm

ND588NR
10 x 10 mm

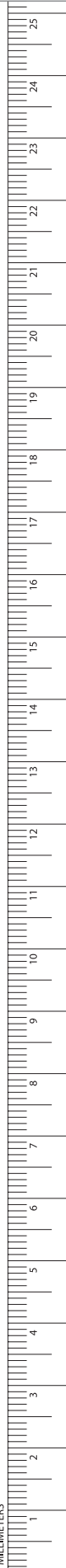
ND584NR-ND586NR, ND588NR
straight



ND587NR
10 x 6 mm

ND587NR
curved

ND584NR-ND588NR
rectangular, cross serrated
300 mm, 11 3/4"





CHARNLEY

MB191R

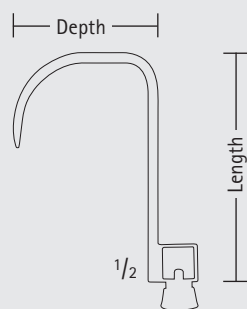
Retractor basis set, consisting of:

MG697R Frame, 300 x 240 mm

MG081R Weight, 1.740 g, with chain

MB156R Blade, small, 60 mm, 37 x 25 mm

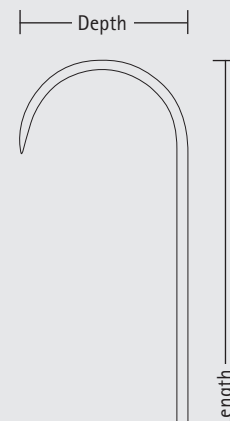
MB157R Blade, large, 174 mm, 42 x 25 mm



CHARNLEY

Art. No.	Depth x Width	Blade length
MG699R	25 x 25 mm	60 mm
MB156R	37 x 25 mm	60 mm
MG698R	51 x 25 mm	60 mm
MG565R	57 x 25 mm	60 mm
MG566R	64 x 25 mm	60 mm
MB177R	76 x 25 mm	60 mm
MG567R	102 x 25 mm	60 mm
MG700R	114 x 25 mm	60 mm
MB192R	127 x 25 mm	60 mm

Retractor blades, small



CHARNLEY

Art. No.	Depth x Width	Blade length
MG701R	25 x 25 mm	174 mm
MB157R	42 x 25 mm	174 mm
MG702R	51 x 25 mm	198 mm
MG568R	57 x 25 mm	192 mm
MG569R	65 x 25 mm	183 mm
MB178R	76 x 25 mm	174 mm
MG703R	102 x 25 mm	174 mm
MG570R	114 x 25 mm	174 mm
MB193R	127 x 25 mm	174 mm

Retractor blades, large

Art. No.	Page	Art. No.	Page	Art. No.	Page	Art. No.	Page
BT220NR.....	36	FL083NR.....	41	FL825NR.....	13	MB631NR.....	12
		FL084NR.....	41	FL826NR.....	13		
FK316NR.....	32	FL086NR.....	41	FL827NR.....	13	MG081R.....	42
FK317NR.....	32	FL400NR.....	13	FL828NR.....	13	MG565R.....	42
FK318NR.....	32	FL401NR.....	13	FL830NR.....	15	MG566R.....	42
FK319NR.....	32	FL402NR.....	13	FL831NR.....	15	MG567R.....	42
FK321NR.....	32	FL403NR.....	13	FL832NR.....	15	MG568R.....	42
FK323NR.....	33	FL405NR.....	13	FL833NR.....	15	MG569R.....	42
FK324NR.....	33	FL406NR.....	13	FL835NR.....	15	MG570R.....	42
FK325NR.....	33	FL407NR.....	13	FL836NR.....	15	MG697R.....	42
FK326NR.....	33	FL408NR.....	13	FL837NR.....	15	MG698R.....	42
FK423NR.....	34	FL410NR.....	15	FL838NR.....	15	MG699R.....	42
FK425NR.....	34	FL411NR.....	15	FL920NR.....	13	MG700R.....	42
FK630NR.....	29	FL412NR.....	15	FL922NR.....	13	MG701R.....	42
FK631NR.....	29	FL413NR.....	15	FL925NR.....	13	MG702R.....	42
FK632NR.....	29	FL415NR.....	15	FL927NR.....	13	MG703R.....	42
FK633NR.....	29	FL416NR.....	15	FL930NR.....	16		
FK634NR.....	29	FL417NR.....	15	FL932NR.....	16	ND005NR.....	36
FK635NR.....	29	FL418NR.....	15	FL935NR.....	16	ND007NR.....	35
FK636NR.....	29	FL441NR.....	16	FL937NR.....	16	ND019NR.....	31
FK637NR.....	29	FL443NR.....	16			ND066NR.....	20
FK638NR.....	29	FL445NR.....	16	F0102NR.....	37	ND067NR.....	20
FK639NR.....	29	FL650R.....	23	F0103NR.....	37	ND068NR.....	21
FK640NR.....	29	FL651R.....	23	F0515NR.....	24	ND078R.....	21
FK641NR.....	29	FL652R.....	23	F0516NR.....	25	ND079R.....	22
FK642NR.....	29	FL653R.....	23	F0517NR.....	25	ND080R.....	22
FK643NR.....	29	FL654R.....	23	F0518NR.....	24	ND081R.....	22
FK644NR.....	29	FL655R.....	23	F0520NR.....	24	ND082R.....	22
FK645NR.....	29	FL656R.....	23	F0521NR.....	25	ND083R.....	22
FK646NR.....	29	FL658R.....	23	F0530NR.....	26	ND084R.....	22
FK647NR.....	29	FL659R.....	23	F0532NR.....	26	ND089R.....	22
FK648NR.....	29	FL660R.....	23	F0534NR.....	26	ND091NR.....	19
FK649NR.....	29	FL662R.....	23	F0550NR.....	27	ND092NR.....	19
FK696NR.....	31	FL663R.....	23	F0551NR.....	27	ND093NR.....	19
FK698NR.....	31	FL781R.....	23	F0641NR.....	28	ND096NR.....	19
FK743NR.....	30	FL782R.....	23	F0645NR.....	28	ND097NR.....	19
FK745NR.....	30	FL783R.....	23			ND098NR.....	19
FK747NR.....	30	FL785R.....	23	KH113NR.....	12	ND104NR.....	17
FK753NR.....	30	FL788R.....	23			ND105NR.....	17
FK755NR.....	30	FL789R.....	23	KY207NR.....	38	ND108NR.....	14
FK757NR.....	30	FL790R.....	23	KY208NR.....	38	ND109NR.....	14
		FL793R.....	23			ND118NR.....	18
FL046NR.....	10	FL800R.....	23	LX157NR.....	40	ND376NR.....	18
FL046211.....	10	FL801R.....	23	LX159NR.....	40	ND584NR.....	41
FL046212.....	10	FL802R.....	23	LX181NR.....	39	ND585NR.....	41
FL046213.....	10	FL804R.....	23	LX182NR.....	39	ND586NR.....	41
FL046214.....	10	FL806R.....	23	LX183NR.....	39	ND587NR.....	41
FL057NR.....	10	FL808R.....	23	LX184NR.....	39	ND588NR.....	41
FL062NR.....	11	FL809R.....	23				
FL062206.....	11	FL810R.....	23	MB156R.....	42		
FL062211.....	11	FL812R.....	23	MB157R.....	42		
FL062212.....	11	FL813R.....	23	MB177R.....	42		
FL062213.....	11	FL820NR.....	13	MB178R.....	42		
FL062214.....	11	FL821NR.....	13	MB191R.....	42		
FL066NR.....	10	FL822NR.....	13	MB192R.....	42		
FL069NR.....	11	FL823NR.....	13	MB193R.....	42		

AESFULAP® - a B.Braun brand

B. Braun Australia Pty Ltd | Bella Vista NSW | Tel.1800 251 705 | info@bbraun.com | www.bbraun.com.au
B. Braun New Zealand | Customer Care 0800 227 286 | Fax (09) 373 5601 | www.bbraun.co.nz

Details concerning the conducted tests to proof all claims can be found at the AESFULAP® SQ.line®
Homepage: <https://www.bbraun.com/sqline>

BANZ AE E0656 10/20 | © 2020 B. Braun Australia

The main product trademark "AESFULAP" and the product trademark "SQ.line" are registered trademarks of Aesculap AG. Subject to technical changes. All rights reserved. This brochure may only be used for the exclusive purpose of obtaining information about our products. Reproduction in any form partial or otherwise is not permitted.