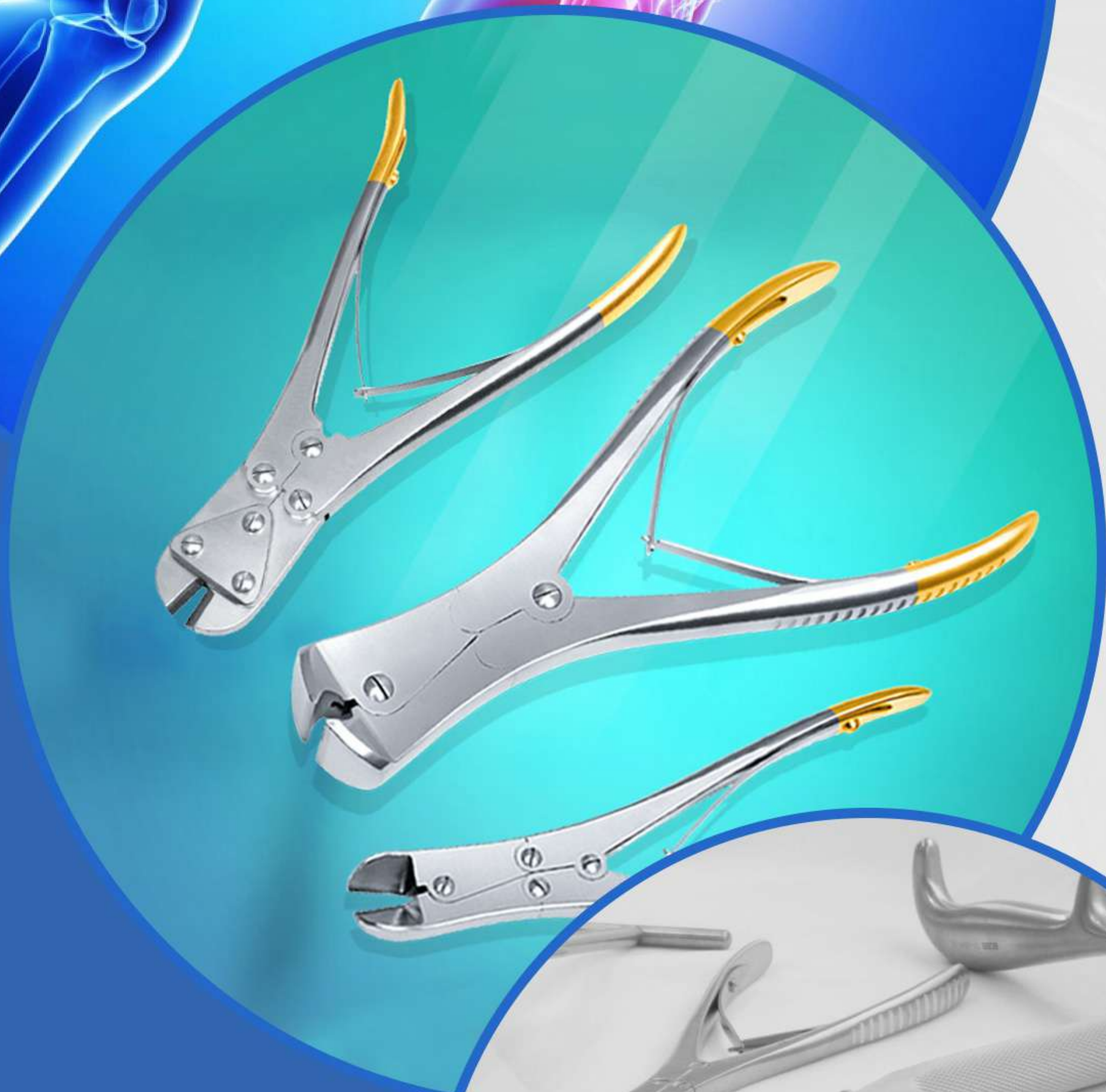
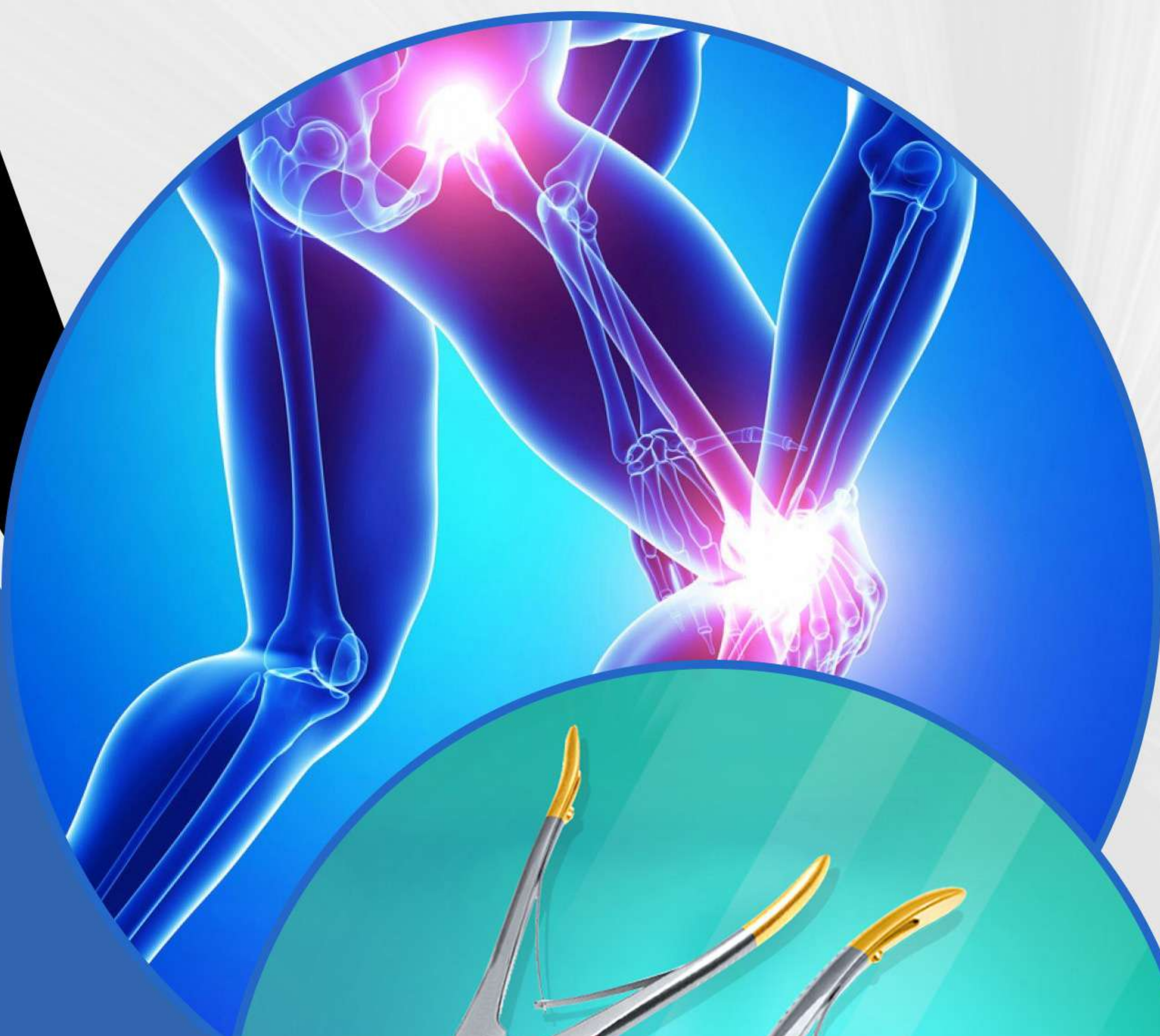


MANUFACTURERS & EXPORTERS ORTHOPAEDIC INSTRUMENTS



**CATALOG
ORTHOPAEDIC
INSTRUMENTS**



Orthopädie, Bohrapparate

Bone Surgery, Drills

Chirurgie osseuse, Perforateurs

Cirurgía ósea, Perforadores

Chirurgia ossea, Perforatori

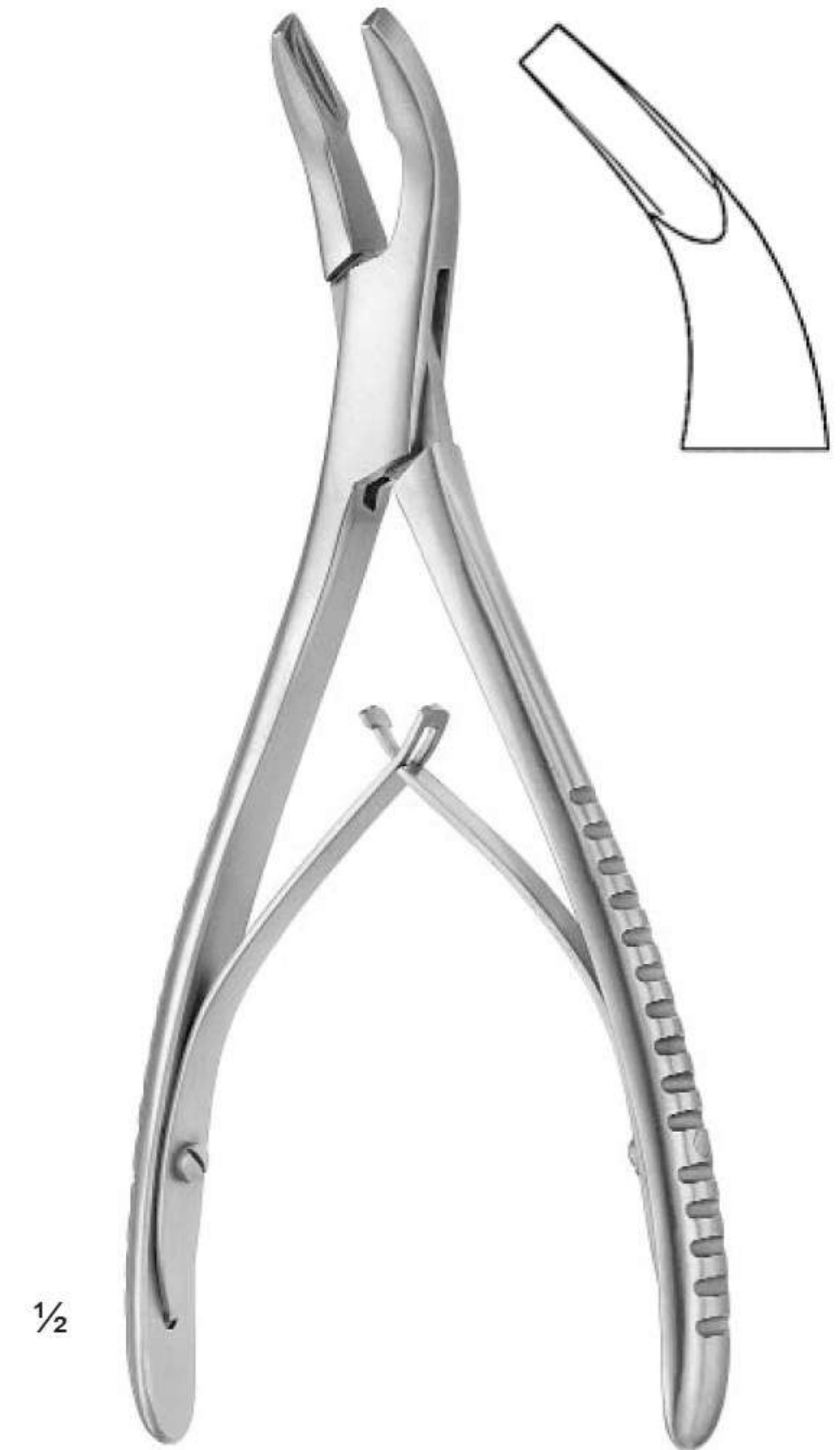
Hohlmeißelza
Bone Rongeu
Pinces-gouge
Pinzas-gubias
Pinze sgorbie



FRIEDMAN MINI
MI.101.12
12 cm/5"



FRIEDMAN
MI.101.14
14 cm/5½"



MEAD
MI.109.16
16,5 cm/6½"



Fig. 4

CLEVELAND
MI.103.14
14 cm/5½"



Fig. 4A

CLEVELAND
MI.105.17
17 cm/6¾"

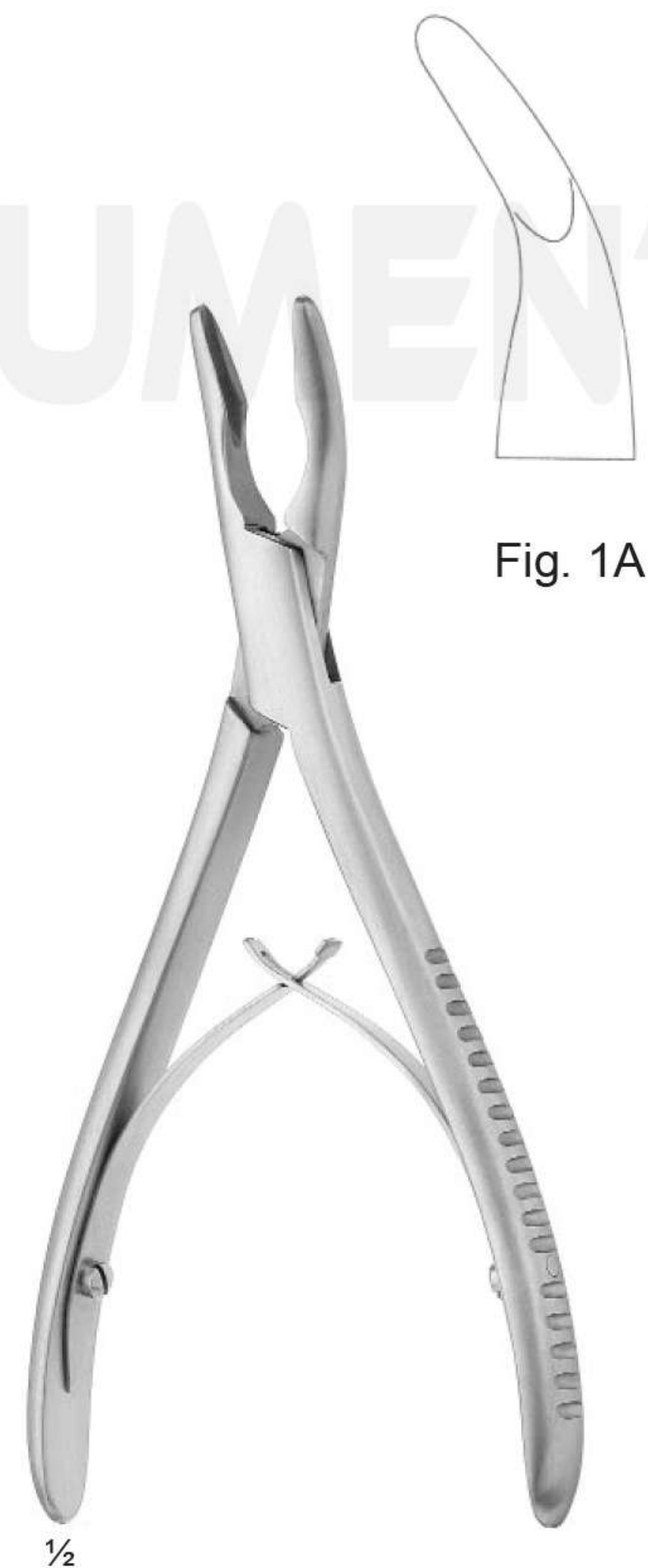
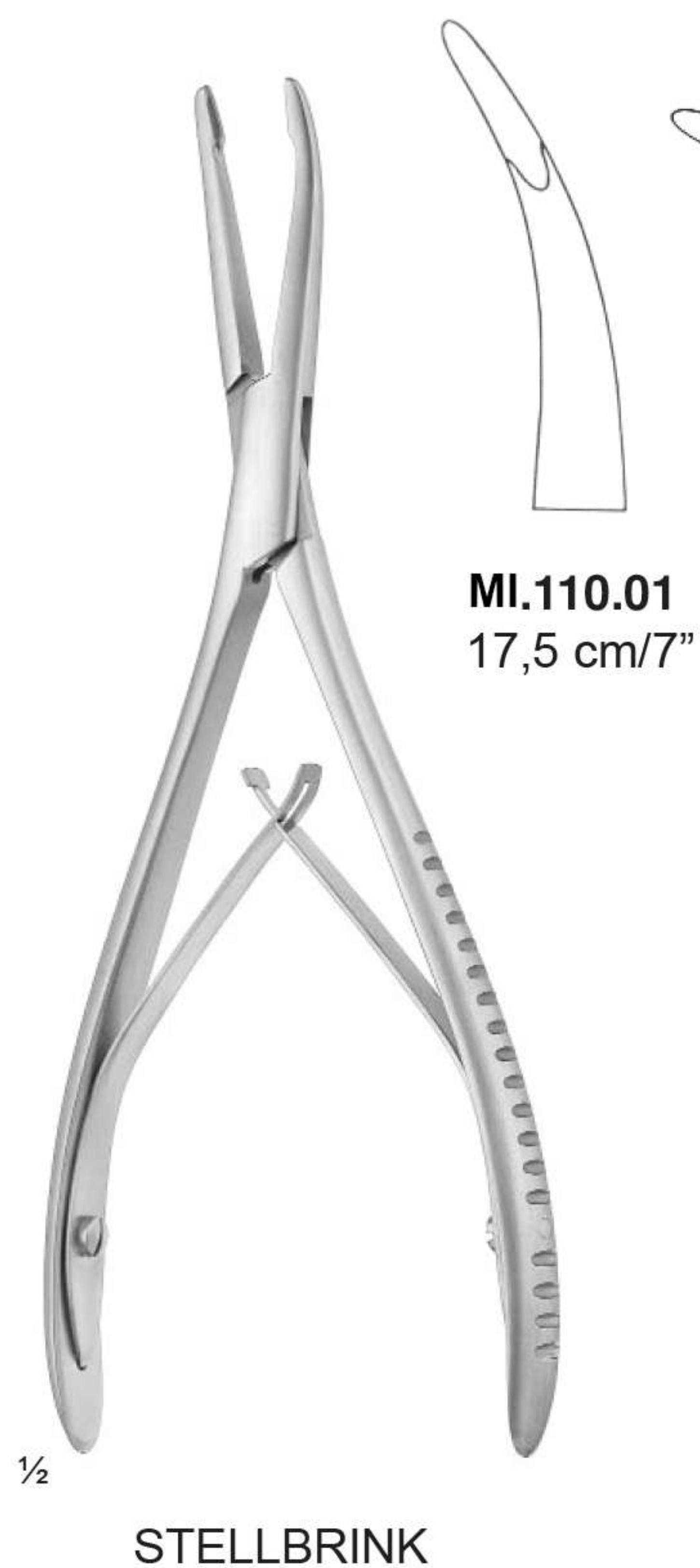


Fig. 1A

MEAD
MI.107.16
16 cm/6¼"

Hohlmeißelzangen
Bone Rongeurs
Pincers-gouges
Pinzas-gubias
Pinze sgorbie



MI.110.02
16,5 cm/6½"



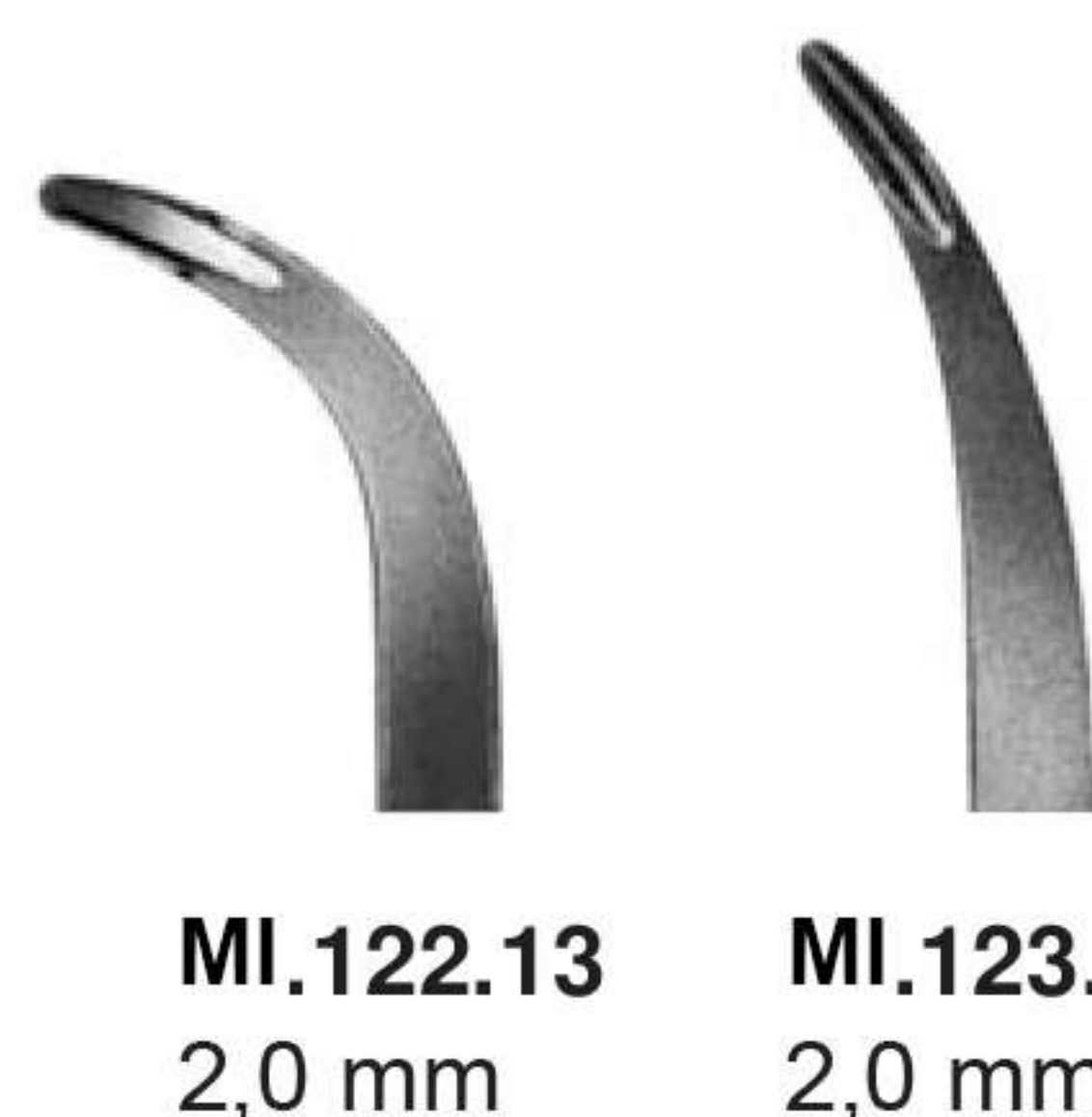
BLUMENTHAL
15,5 cm/6¼"

Synovectomie zangen
Synovectomy Rongeurs
Synovectomy pincers-gouges
Synovectomy pinzas-gubias
Synovectomy pinze sgorbie



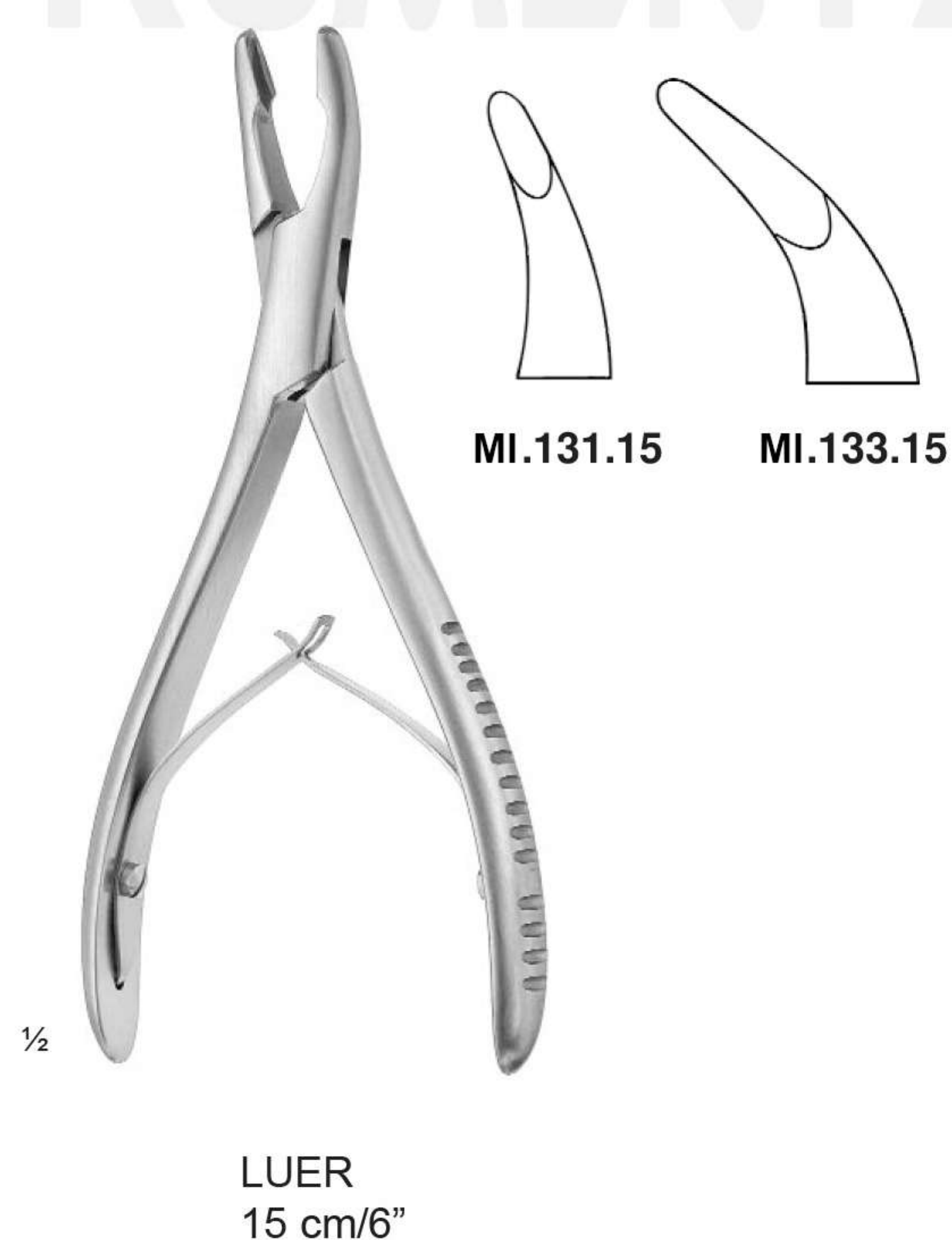
MI.120.13
1,2 mm

MI.121.13
1,2 mm



MI.122.13
2,0 mm

MI.123.13
2,0 mm



LUER
15 cm/6"

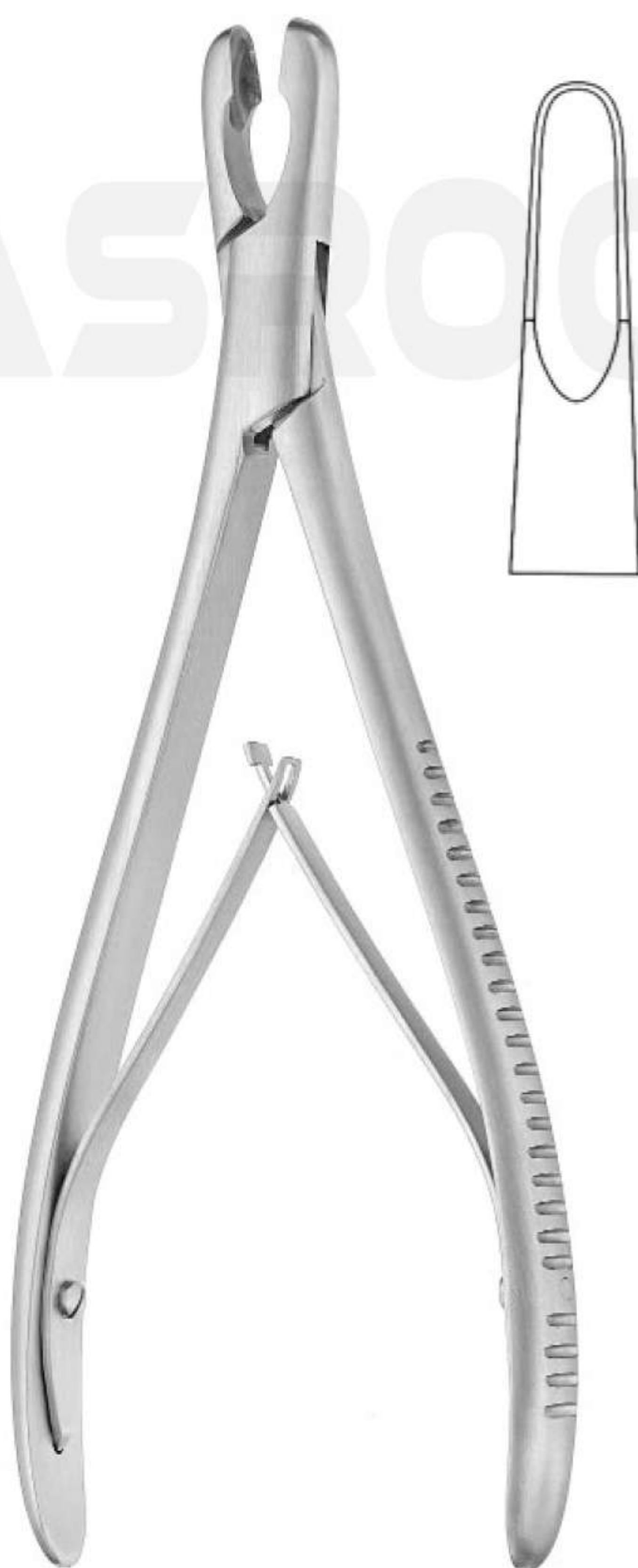
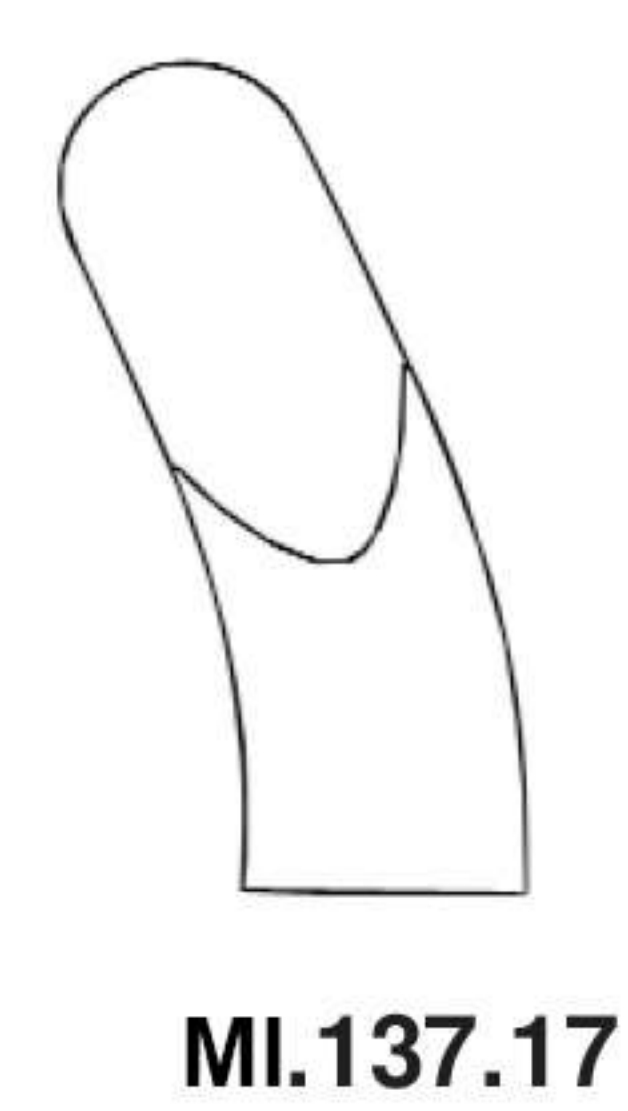
Hohlmeißelzangen
Bone Rongeurs
Pincers-gouges
Pinzas-gubias
Pinze sgorbie



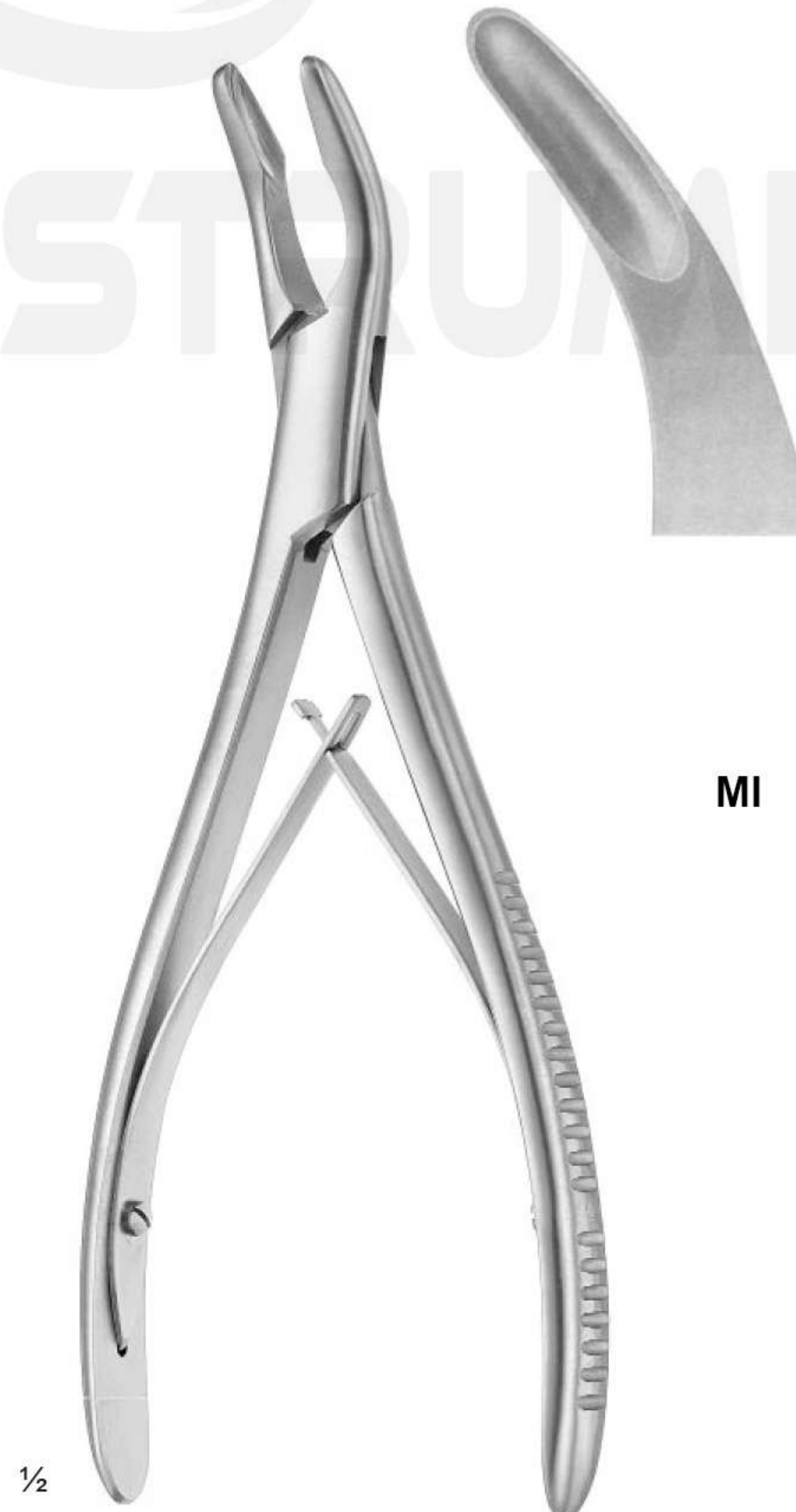
BANE-HARTMANN
MI.135.18
18 cm/7"



LUER
17 cm/6³/₄"



ADSON
20 cm/8" **MI.142.20** **MI.143.20**



OLIVECRONA
MI.147.20
20 cm/8"

Hohlmeißelzangen
Bone Rongeurs
Pincés-gouges
Pinzas-gubias
Pinze sgorbie

MI.154.18 MI.155.18

Synovectomie zangen
Synovectomy Rongeurs
Synovectomie pincés-gouges
Synovectomy pinzas-gubias
Synovectomy pinze sgorbie



LEMPERT
18,5 cm/7 1/4"



BEYER
MI.159.18
18 cm/7"



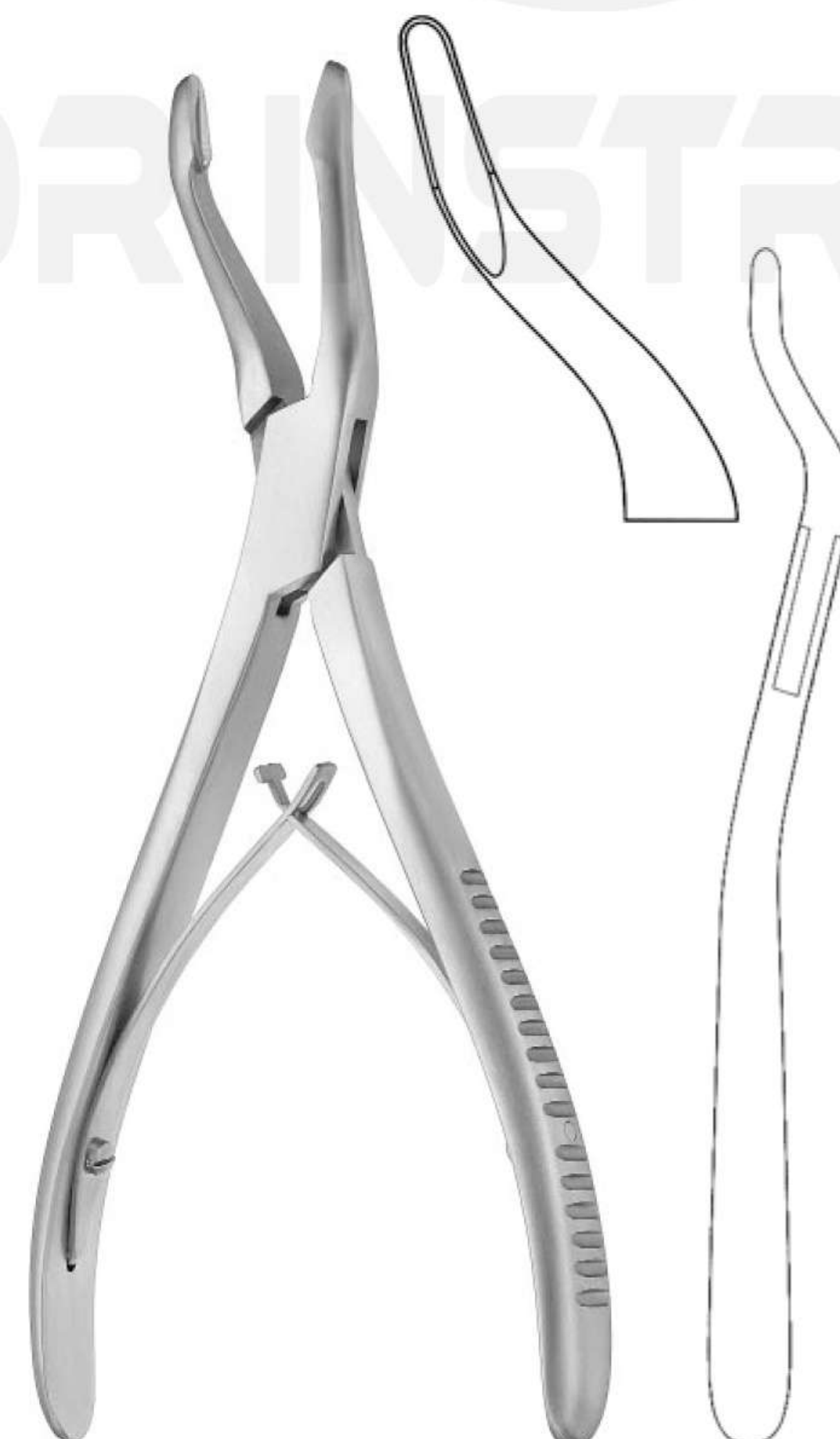
MI.161.02
2 mm

MI.161.03
3 mm

seitwärts abgewinkelt
angled to side
coudés latéralement
acodadas hacia el lado
angolata lateralmente



BACON
MI.165.20
20 cm/8"



JANSEN
MI.167.19
19 cm/7 1/2"



GULEKE
MI.169.20
20,5 cm/8 1/4"

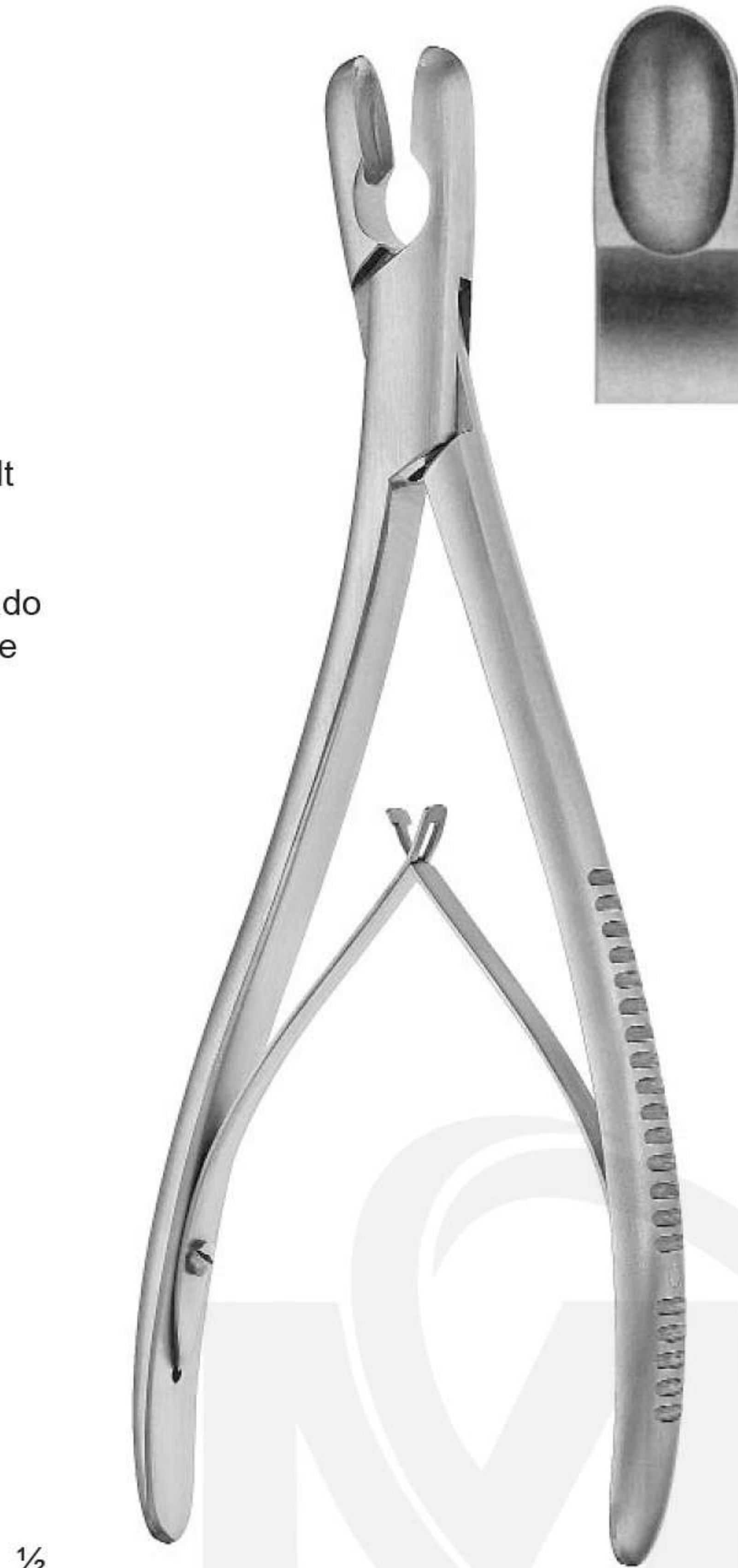
Hohlmeißelzangen
Bone Rongeurs
Pincés-gouges
Pinzas-gubias
Pinze sgorbie

seitwärts abgewinkelt
angled to side
coudés latéralement
acodadas hacia el lado
angolata lateralmente



1/2

TROTTER
MI.175.20
20,5 cm/8"



1/2

NORTHFIELD
MI.176.21
21 cm/8 1/4"



1/2

PENNYBAKER
MI.178.20
20 cm/8"



1/2

MAYFIELD
MI.197.17
17 cm/6 3/4"



1/2

BEYER
MI.201.18
18 cm/7"

Synovektomie zangen
Synovectomy Rongeurs
Synovectomie pincés-gouges
Synovectomy pinzas-gubias
Synovectomy pinze sgorbie



1/2

ZAUFAL JANSEN
MI.205.18
18 cm/7"

Hohlmeißelzangen
Bone Rongeurs
Pincers-gouges
Pinzas-gubias
Pinze sgorbie



BOEHLER
15 cm/5³/₄"



MI.209.15
1,7 mm



MI.210.15
2 mm



MI.211.15
2 mm



MI.212.15
3 mm



MI.213.15
3 mm



MARQUARDT
MI.215.20
20 cm/8"



RUSKIN
18 cm/7"



MI.216.18



MI.217.18



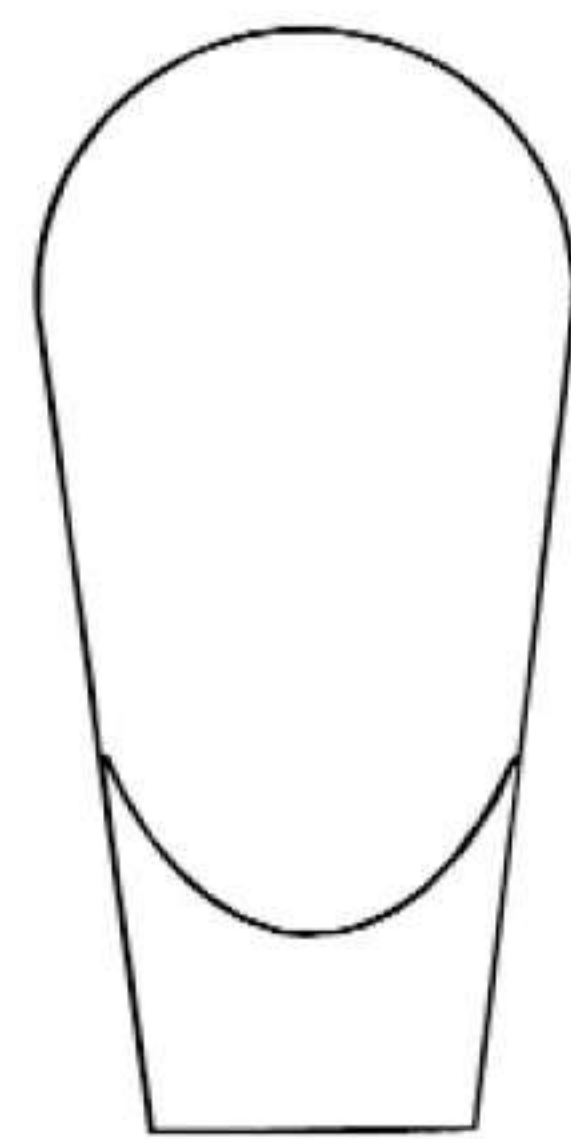
RUSKIN
MI.218.23
23 cm/9"



RUSKIN
MI.219.23
23 cm/9"



Hohlmeißelzangen
Bone Rongeurs
Pinces-gouges
Pinzas-gubias
Pinze sgorbie



MI.228.23
23 cm/9"

MI.228.27
26,5 cm/10½"



MI.229.23
23 cm/9"

MI.229.27
26,5 cm/10½"



MI.230.22
22 cm/8¾"

MI.230.26
26 cm/10¼"



MI.231.22
22 cm/8¾"

MI.231.26
26 cm/10¼"



STILLE LUER

STILLE LUER

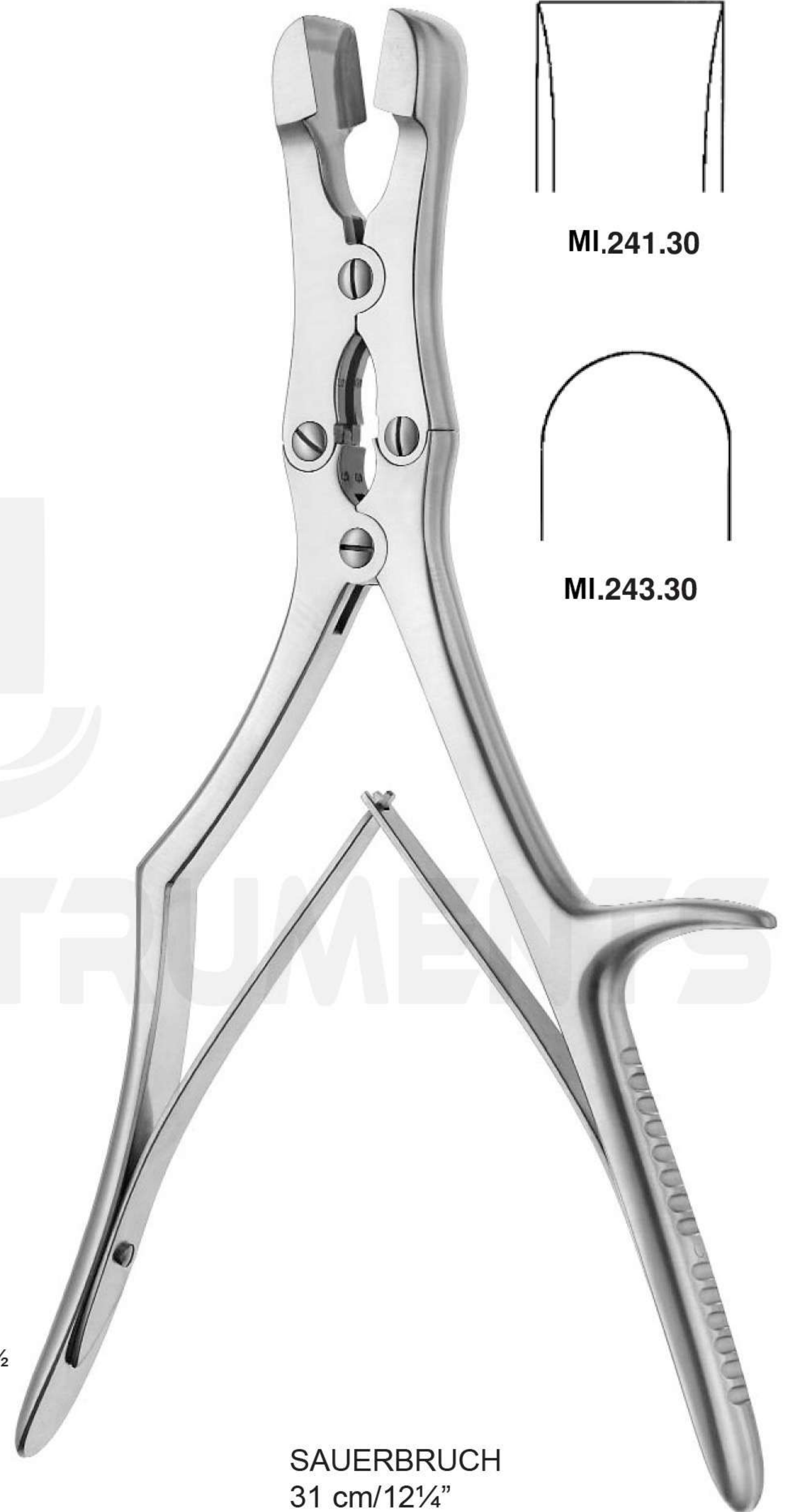
Hohlmeißelzangen
Bone Rongeurs
Pincés-gouges
Pinzas-gubias
Pinze sgorbie



STILLE LUER
MI.235.23
23 cm/9"



STILLE RUSKIN
MI.237.23
23 cm/9"

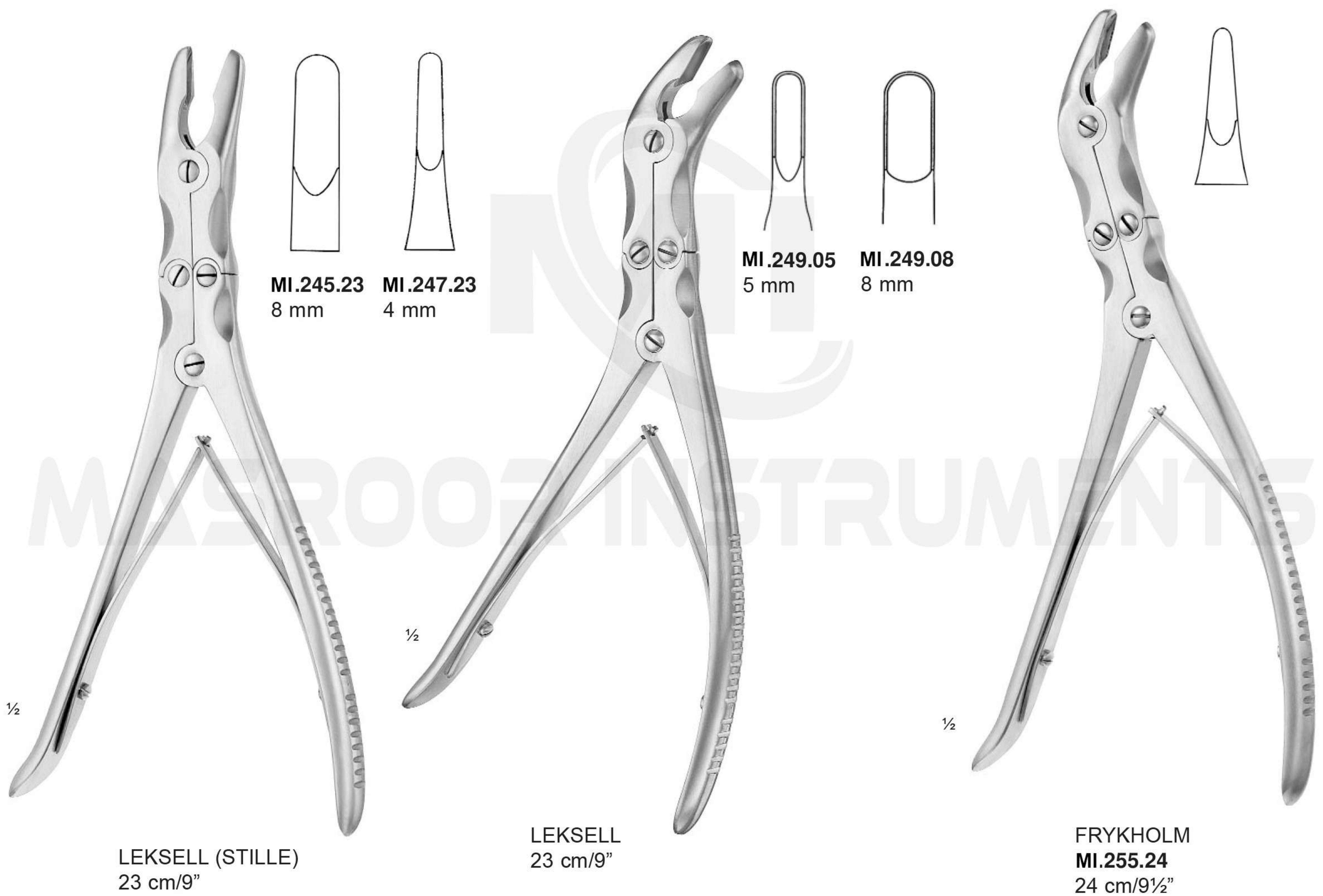


MI.241.30

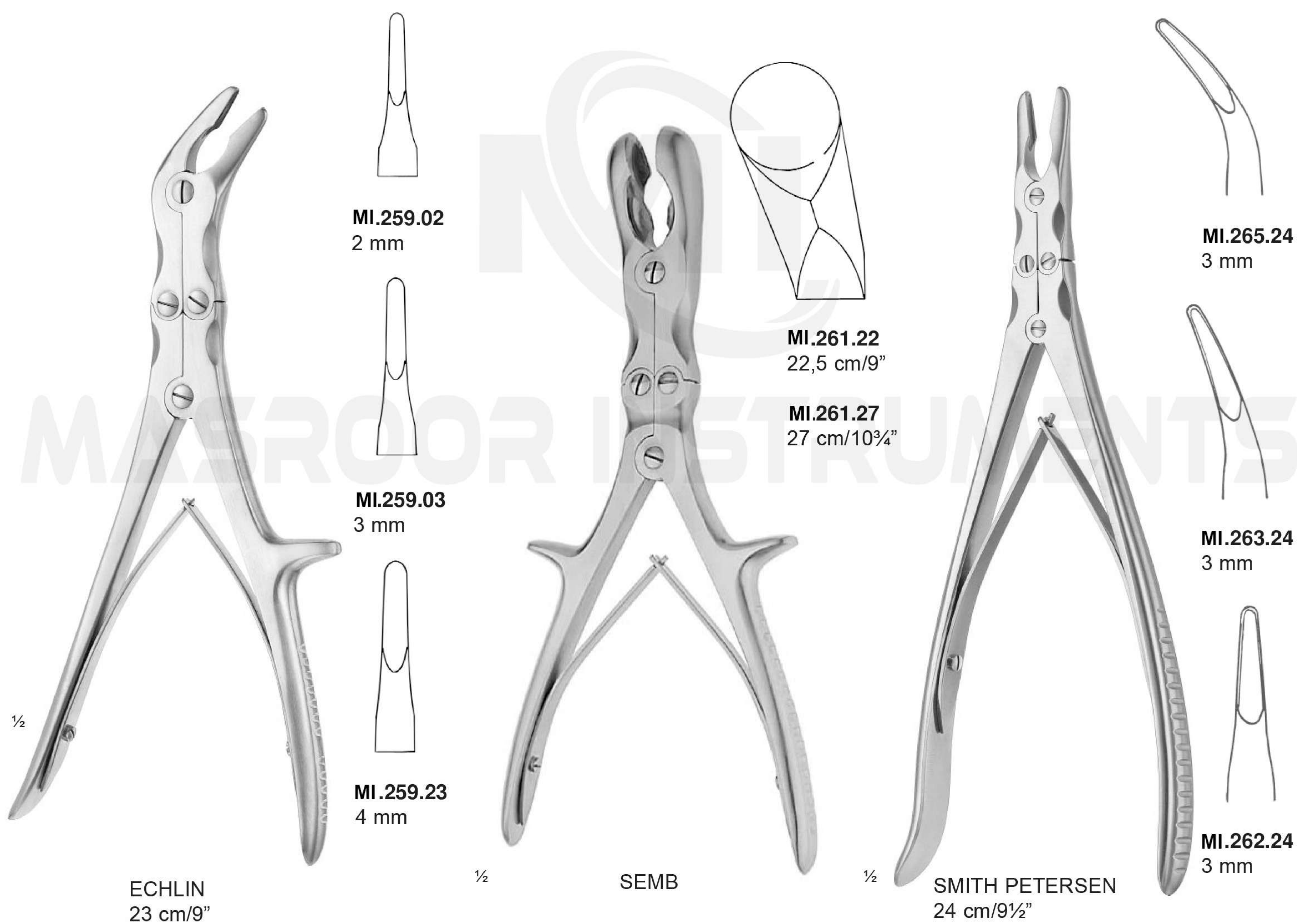
MI.243.30

SAUERBRUCH
31 cm/12¼"

Hohlmeißelzangen
Bone Rongeurs
Pincers-gouges
Pinzas-gubias
Pinze sgorbie



Hohlmeißelzangen
Bone Rongeurs
Pincés-gouges
Pinzas-gubias
Pinze sgorbie



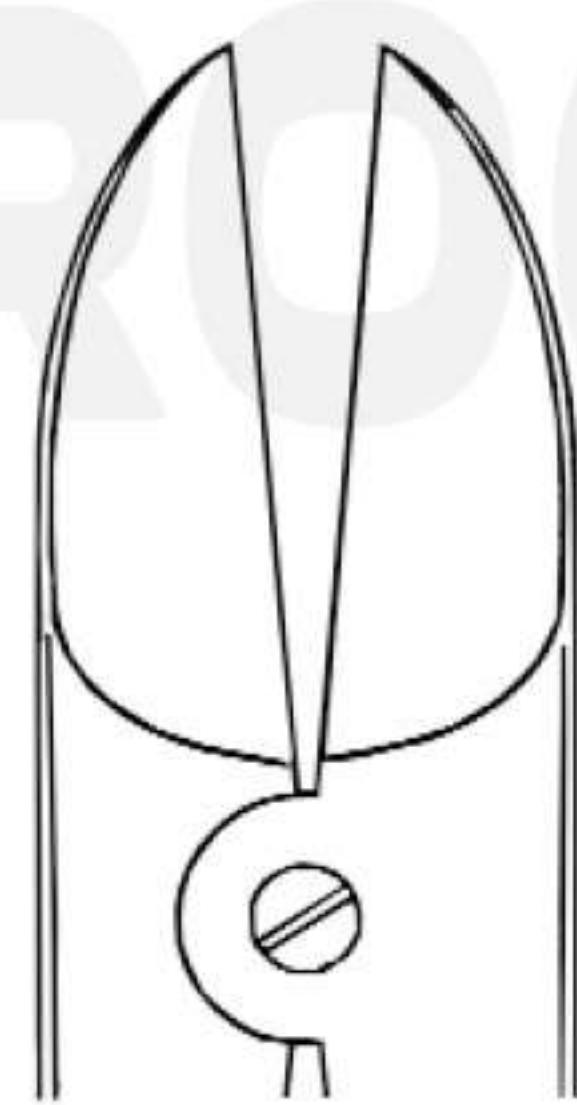
Knochensplitterzangen
Bone Cutting forceps
Pincers coupantes à os
Pinzas cortantes para hueso
Cesoie per ossa



McINDOE
MI.284.17
19 cm/7½"



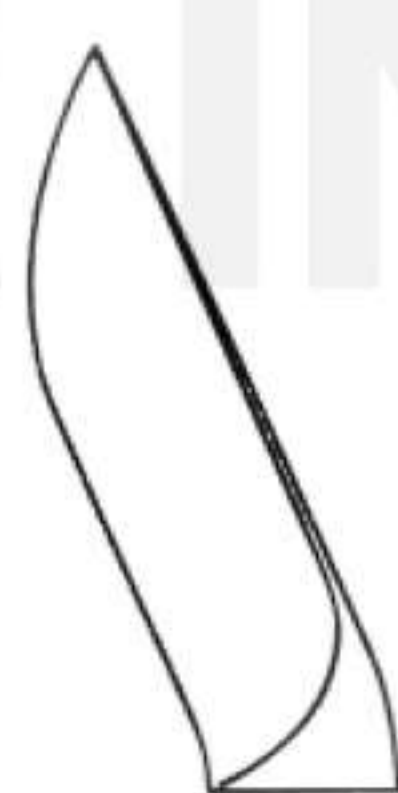
RUSKIN LISTON
18,5 cm/7¼"



MI.286.18



MI.289.18

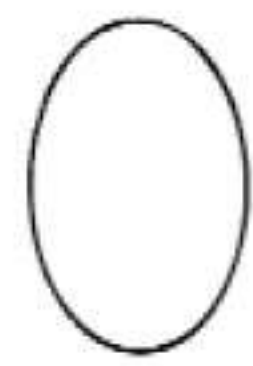


STILLE HORSLEY
MI.293.27
27 cm/10½"

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes
Curette taglienti



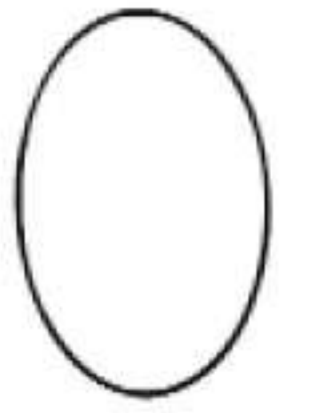
MI.469.96
Fig. 0000



MI.470.02
Fig. 2



MI.480.97
Fig. 000



MI.481.03
Fig. 3



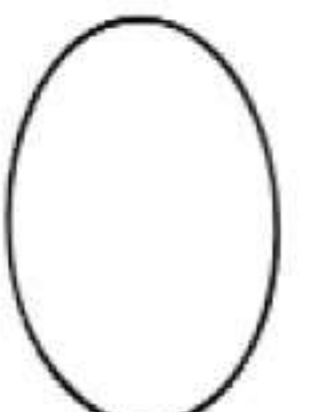
MI.469.97
Fig. 000



MI.470.03
Fig. 3



MI.480.98
Fig. 00



MI.481.04
Fig. 4



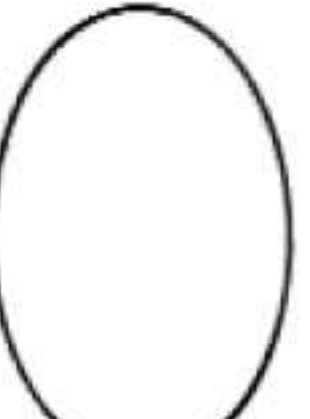
MI.469.98
Fig. 00



MI.470.04
Fig. 4



MI.481.00
Fig. 0



MI.481.05
Fig. 5



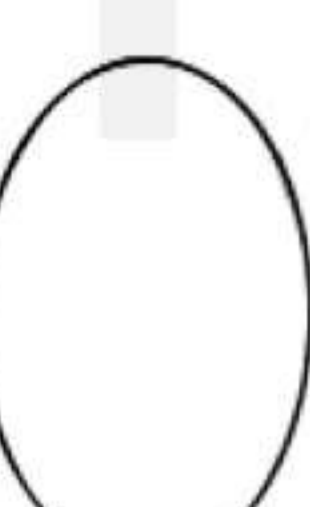
MI.470.00
Fig. 0



MI.470.05
Fig. 5



MI.481.01
Fig. 1



MI.481.06
Fig. 6



MI.470.01
Fig. 1



MI.470.06
Fig. 6



MI.481.02
Fig. 2



1/2

VOLKMANN
17 cm/6 3/4"

oval, mit Hohlheft
oval, with hollow handel
ovale, avec manche creux
ovalada, con mango hueco
ovala, con manico vuoto



1/2

BRUNS
23 cm/9"

oval, massiv
oval, solid
ovale, solide
ovalada, maciza
ovala, solida

Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes
Curette taglienti



1/2

SCOVILLE
25 cm/9 3/4"

oval, mit Hohlheft
oval, with hollow handel
ovale, avec manche creux
ovalada, con mango hueco
ovala, con manico vuoto



MI.482.01



MI.482.02



MI.482.03



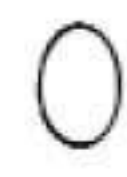
1/2

SIMON
24 cm/9 1/2"

oval, mit Hohlheft
oval, with hollow handel
ovale, avec manche creux
ovalada, con mango hueco
ovala, con manico vuoto



MI.485.01
Fig. 1



MI.485.02
Fig. 2



MI.485.03
Fig. 3



MI.485.04
Fig. 4



MI.485.05
Fig. 5



MI.485.06
Fig. 6



MI.486.99
Fig. 00



MI.487.00
Fig. 0



MI.487.01
Fig. 1



MI.487.02
Fig. 2



1/2

DAUBENSPECK
20 cm/8"

Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes
Curette taglienti



1/2

LEMPERT
17,5 cm/6¾"

MI.490.10
Fig. 0

MI.490.20
Fig. 00

MI.490.30
Fig. 000

MI.490.40
Fig. 0000

MI.490.50
Fig. 00000



1/2

HALLE
21 cm/8¼"

MI.491.01
Fig. 1

MI.491.02
Fig. 2

MI.491.03
Fig. 3

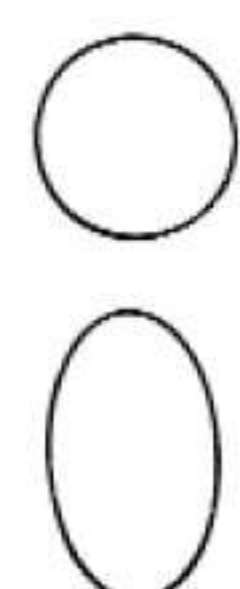
oval, biegsamer Schaft, mit Hohlheft
oval, malleable shaft, with hollow handle
ovale, avec tige malléable, avec manche creux
ovalada, vástago maleable, con mango hueco
ovala, con gambo malleabile, con manico vuoto

Scharfe Doppellöffel
Bone Currettes, double-ended
Curettes doubles
Cucharillas de double extremo
Curette doppie

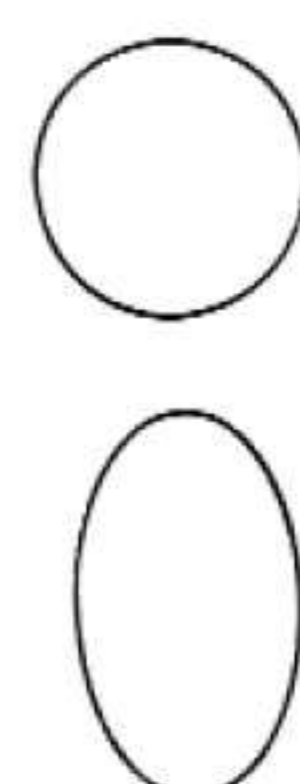


1/2

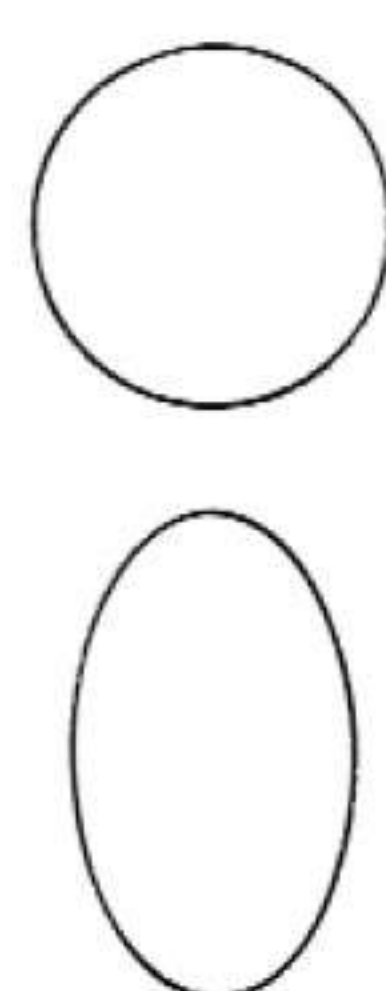
VOLKMANN



MI 492.13
13 cm/5"



MI.492.16
16 cm/6 1/4"



MI.492.20
20 cm/8"



1/2

VOLKMANN



MI.494.13
13 cm/5"



MI.494.14
14 cm/5 1/2"



MI 494.17
17 cm/6 3/4"



MI.494.20
20 cm/8"



1/2

WILLIGER
13,5 cm/5 1/4"



MI.496.00
Fig. 00/0



MI.496.01
Fig. 0/1



MI.496.12
Fig. 1/2



1/2

MARTINI
13,5 cm/5 1/4"

00

0

MI.498.00

0

1

MI.498.01

1

2

MI.498.12

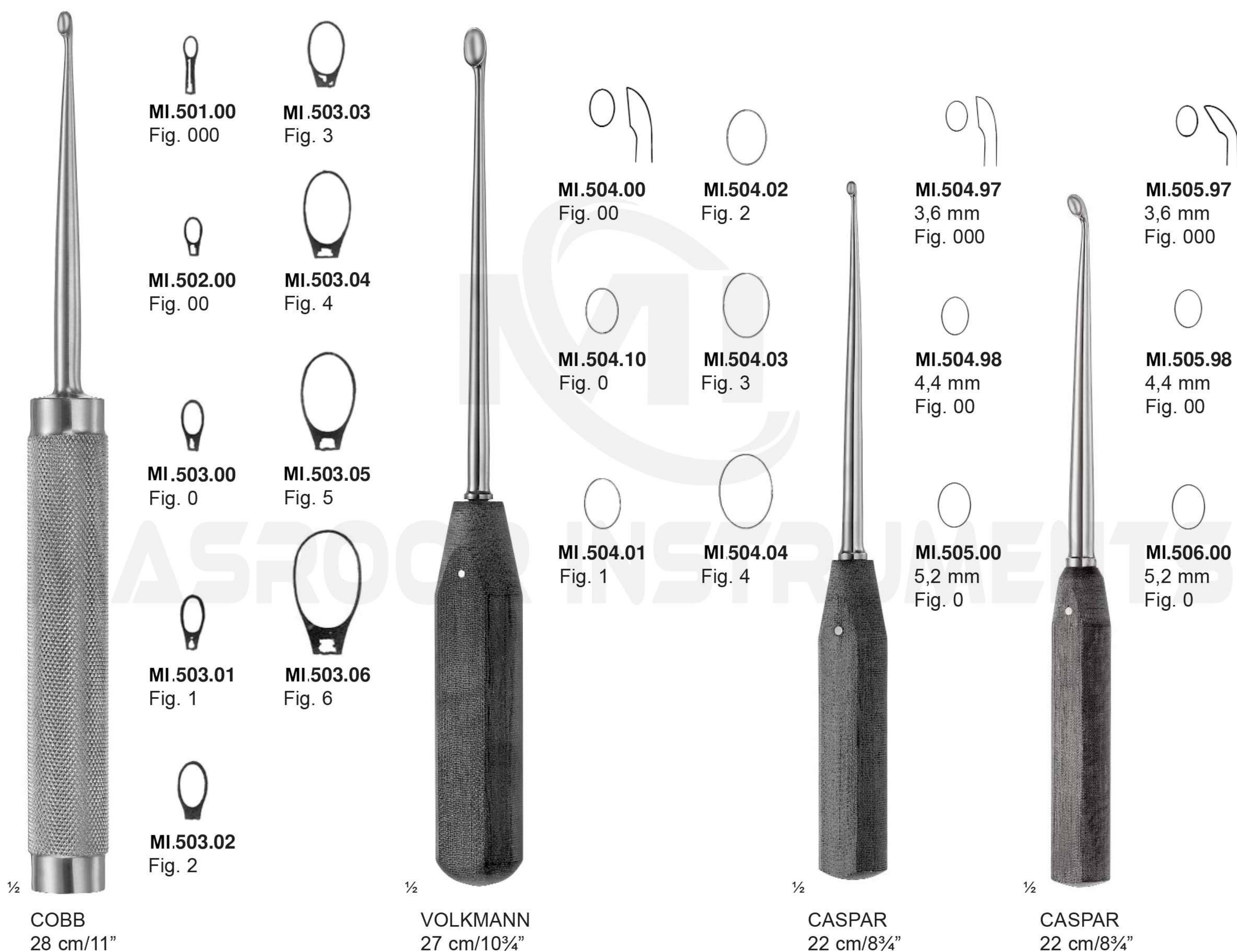


1/2

MI.502.21
21 cm/8 1/4"

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes
Curette taglienti

Spinal-Fusionsküretten
Spinal Fusion Curettes
Arthrodèse curettes
Fusión espinal cucharillas
Fusione spinale curette



Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes
Curette taglienti



MI.510.36
3,6 mm



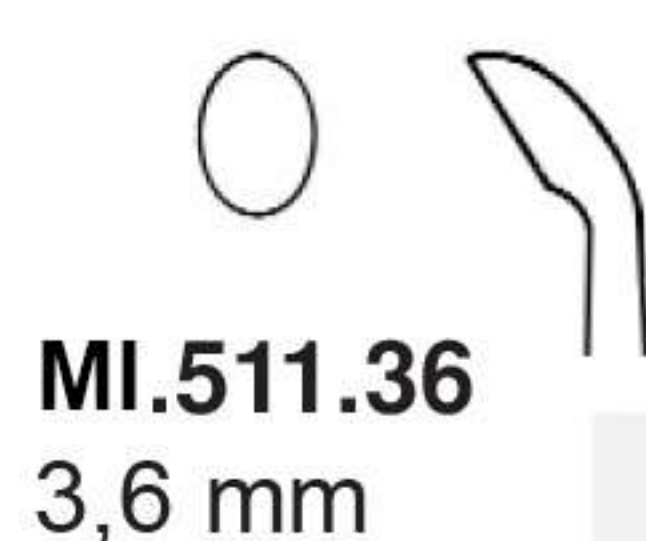
MI.510.44
4,4 mm



MI.510.52
5,2 mm



MI.510.60
6,0 mm



MI.511.36
3,6 mm



MI.511.44
4,4 mm



MI.511.52
5,2 mm



MI.511.60
6,8 mm



MI.513.03
3,0 mm



MI.513.04
4,0 mm



MI.513.05
5,0 mm



EPSTEIN
20 cm/8"

Fig. 0	3,0 mm	MI.514.10
Fig. 00	2,5 mm	MI.514.20
Fig. 000	2,0 mm	MI.514.30

1/2

25 cm/9 3/4"

1/2

BUSHE
25 cm/10"

1/2

Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes
Curette taglienti



Spinal-Fusionsküretten
Spinal Fusion Curettes
Arthrodèse curettes
Fusión espinal cucharillas
Fusione spinale curette

Spinal-Fusionsküretten
Spinal Fusion Curettes
Arthrodèse curettes
Fusión espinal cucharillas
Fusione spinale curette



1/2
20 cm/8"

gerade
straight
droits
rectas
rette



1/2
20 cm/8"

gebogen
curved
courbes
curvas
curve



1/2
28 cm/11"

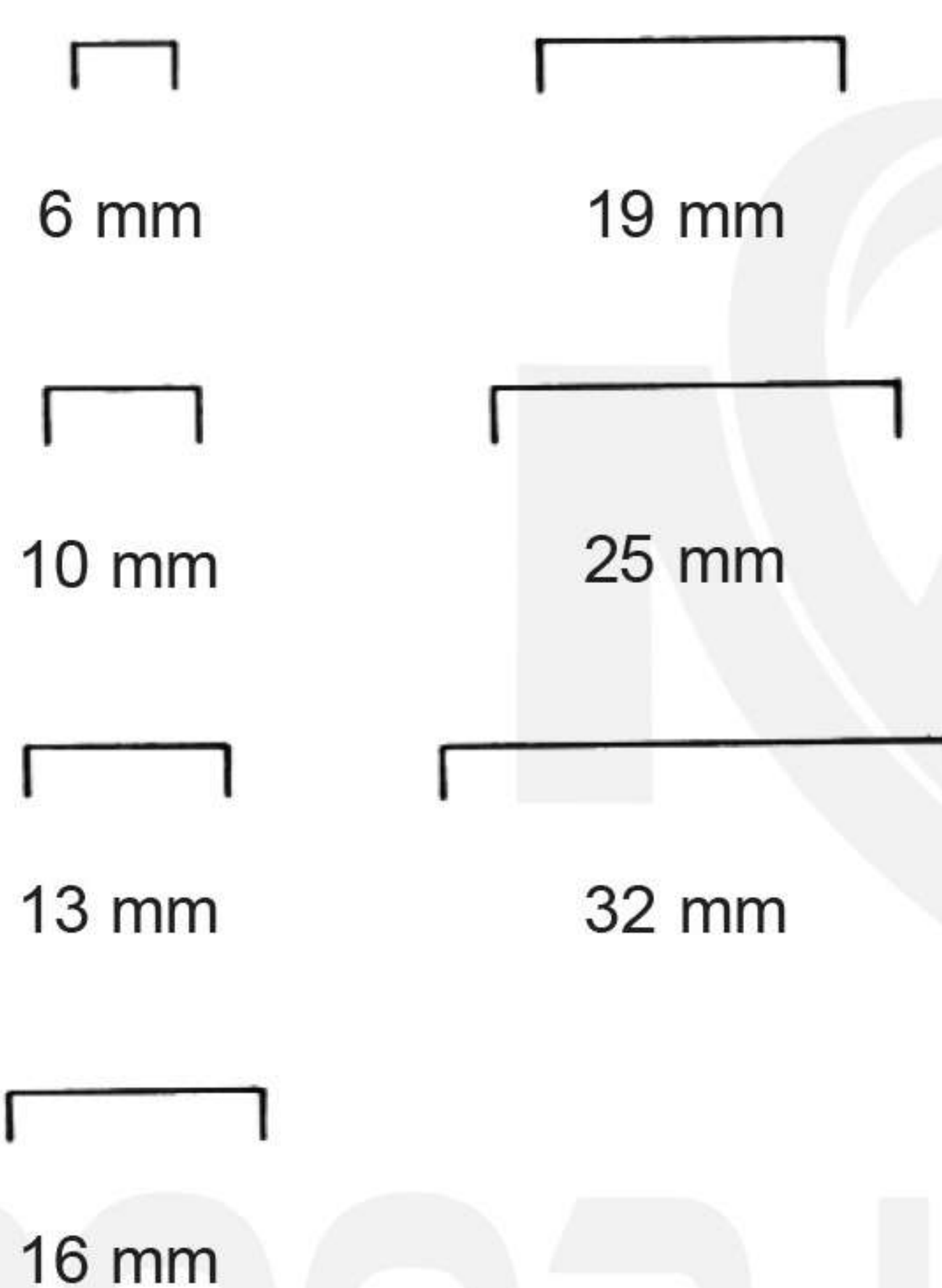
gerade
straight
droits
rectas
rette

Fig. 000	MI.521.97	MI.524.97	MI.529.97
Fig. 00	MI.521.98	MI.524.98	MI.529.98
Fig. 0	MI.522.00	MI.525.00	MI.530.00
Fig. 1	MI.522.01	MI.525.01	MI.530.01
Fig. 2	MI.522.02	MI.525.02	MI.530.02
Fig. 3	MI.522.03	MI.525.03	MI.530.03
Fig. 4	MI.522.04	MI.525.04	MI.530.04
Fig. 5	MI.522.05	MI.525.05	MI.530.05
Fig. 6	MI.522.06	MI.525.06	MI.530.06

Osteotome, Flachmeißel, Hohlmeißel
Osteotomes, Chisels, Gouges
Ostéotomes, Ciseaux-burins, Gouges
Osteótomos, Cinceles, Gubias
Osteotomi, Scalpelli, Sgorbie



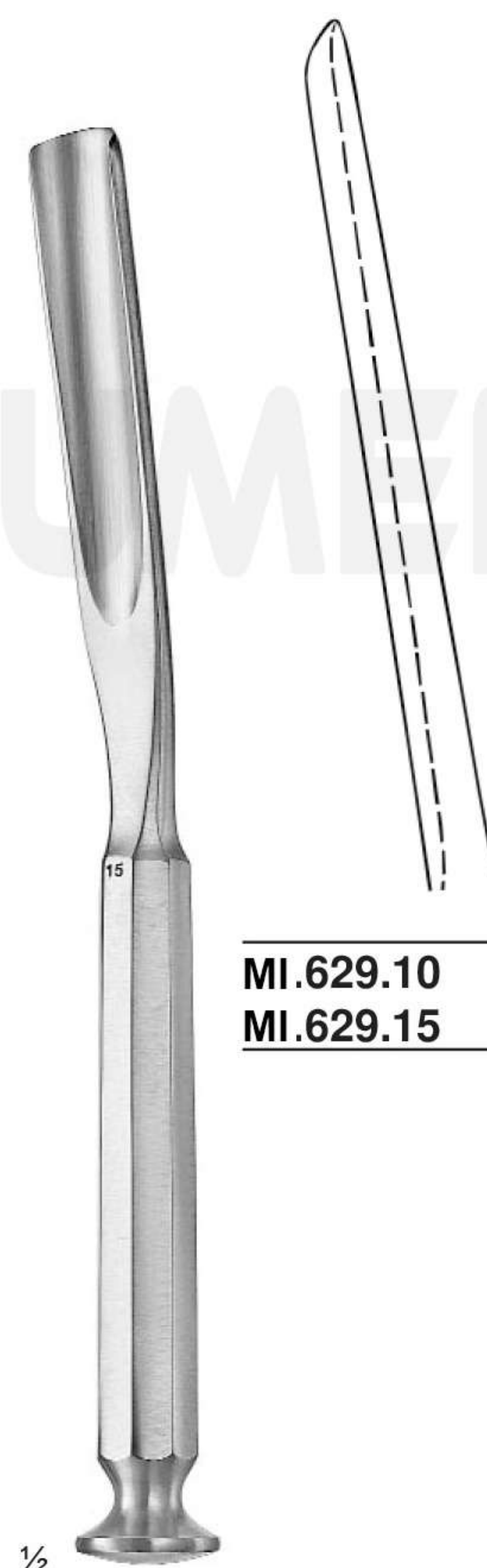
28 cm/11"



gerade	gebogen
straight	curved
droits	courbes
rectas	curvas
rette	curve

6 mm/1/4"	MI.550.06	MI.551.06
10 mm/1/8"	MI.550.10	MI.551.10
13 mm/1/2"	MI.550.13	MI.551.13
16 mm/5/8"	MI.550.16	MI.551.16
19 mm/3/4"	MI.550.19	MI.551.19
25 mm/1"	MI.550.25	MI.551.25
32 mm/1 1/4"	MI.550.32	MI.551.32

Hohlmeißel zur Knorpelentnahme aus der Rippe
Gouge for taking grafts from the ribs
Gouge pour la prise de greffons les côtes
Gubias para la toma de injertos de las costillas
Sgorbie per l'adozione di innesti dalla costola



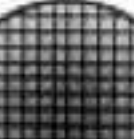
WALTER
20 cm/8"

MI.629.10	10 mm
MI.629.15	15 mm

Stößel
Tampers
Pilons métalliques
Punzones metálicos
Pestoni metallici

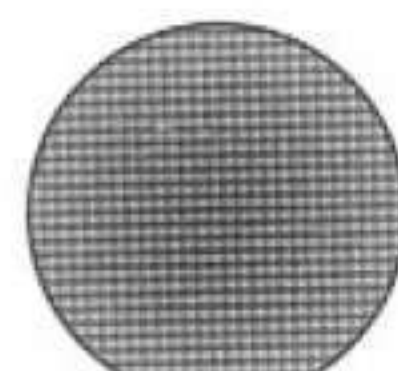
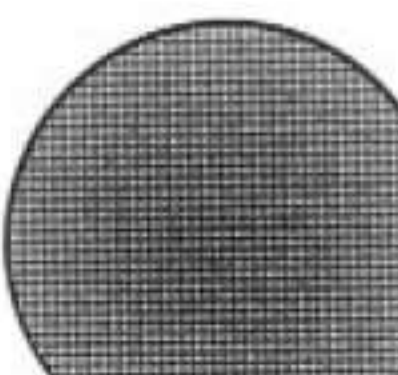
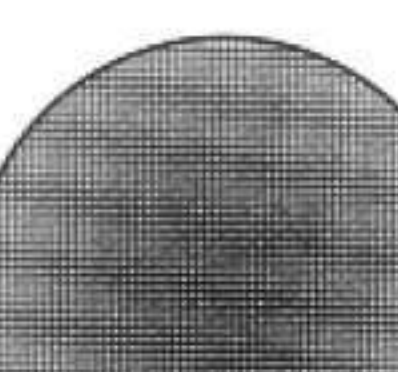


CASPAR
20 cm/8"

-  **MI.584.03**
ø 3 mm
-  **MI.584.05**
ø 5 mm
-  **MI.584.08**
ø 8 mm



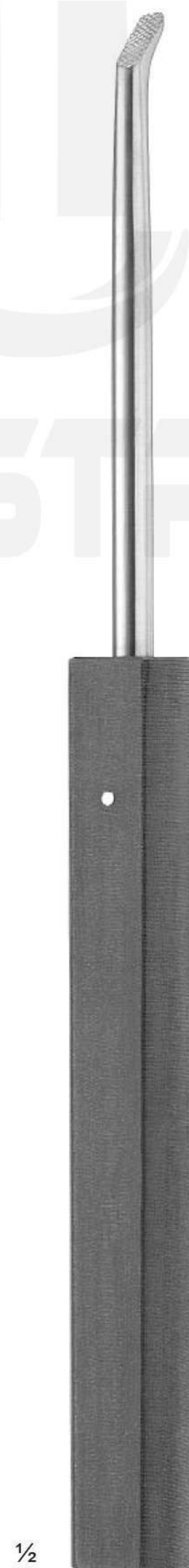
CASPAR
20 cm/8"

-  **MI.586.12**
ø 12 mm
-  **MI.586.14**
ø 14 mm
-  **MI.586.16**
ø 16 mm

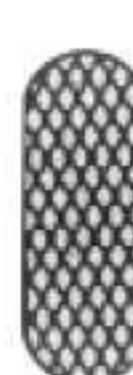
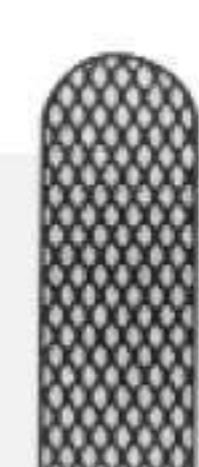
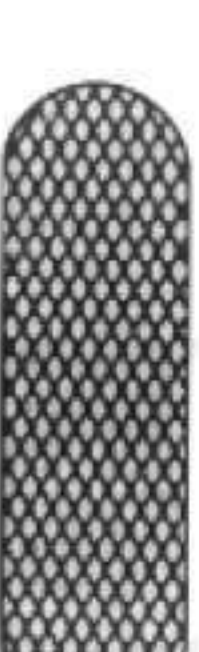


CASPAR
MI.585.02
22 cm/8¾"

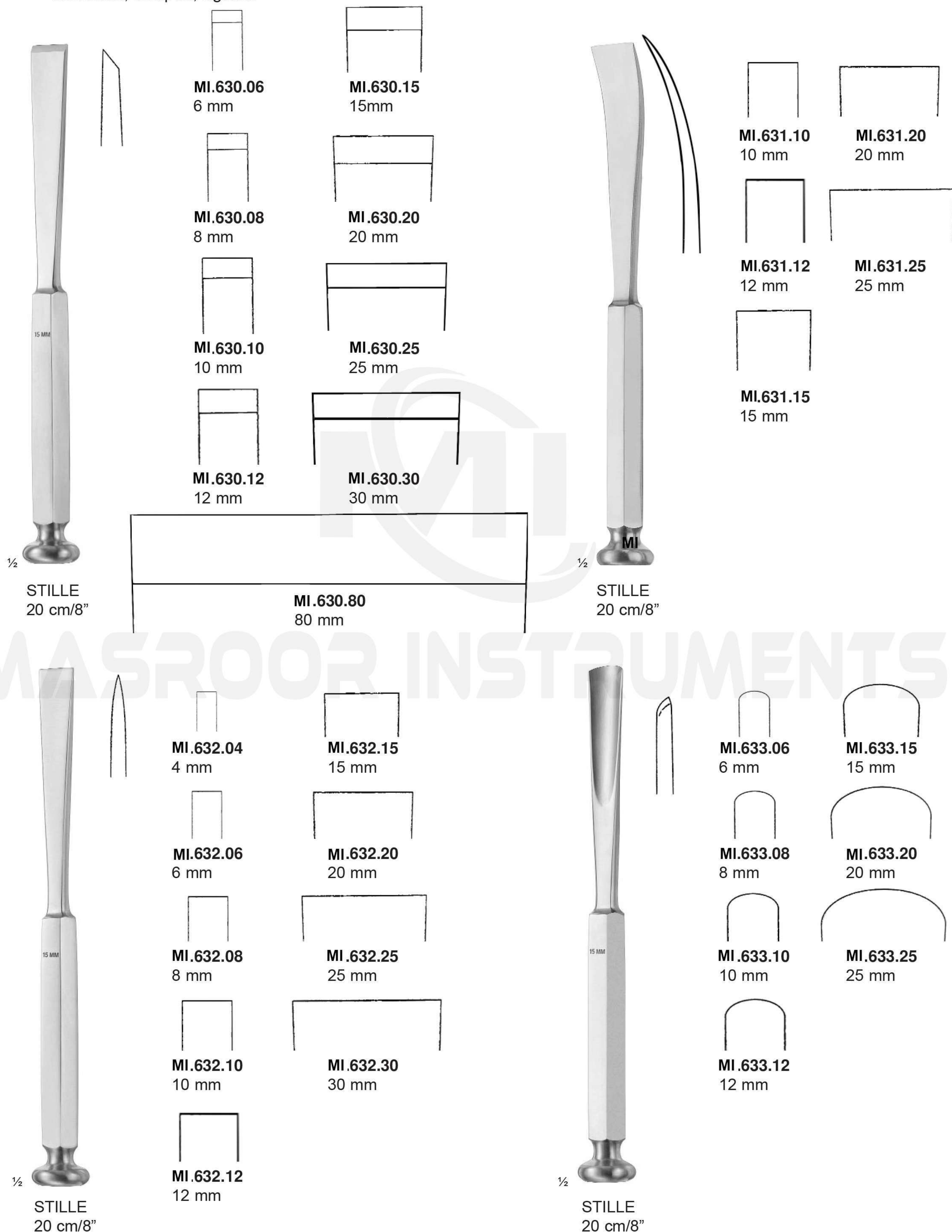
Knochenspanhalter und Einsetzinstrument
Bone graft holder and impactor
Osseuse et titulaire de frappe
Injerto óseo titular y impactador
Trapianto osseo e titolare di simulazione



SYPERT
29 cm/11½"

-  **MI.588.03**
ø 3 x 8 mm
-  **MI.588.04**
ø 4 x 10 mm
-  **MI.588.05**
ø 5 x 15 mm
-  **MI.588.06**
ø 6 x 20 mm

Osteotome, Flachmeißel, Hohlmeißel
Osteotomes, Chisels, Gouges
Ostéotomes, Ciseaux-burins, Gouges
Osteótomos, Cinceles, Gubias
Osteotomi, Scalpelli, Sgorbie



Osteotome
Osteotomes
Ostéotomes
Osteótomos
Osteotomi



LAMBOTTE
24 cm/9½"

MI.650.04
4 mm

MI.650.06
6 mm

MI.650.08
8 mm

MI.650.10
10 mm

MI.650.13
13 mm

MI.650.15
15 mm

MI.650.18
18 mm

MI.650.20
20 mm

MI.650.25
25 mm

MI.650.30
30 mm

MI.650.38
38 mm

MI.650.44
44 mm

MI.650.50
50 mm



LAMBOTTE
24 cm/9½"

MI.651.08
8 mm

MI.651.10
10 mm

MI.651.13
13 mm

MI.650.18
18 mm

MI.651.20
20 mm

MI.651.25
25 mm

MI.651.30
30 mm

MI.651.38
38 mm

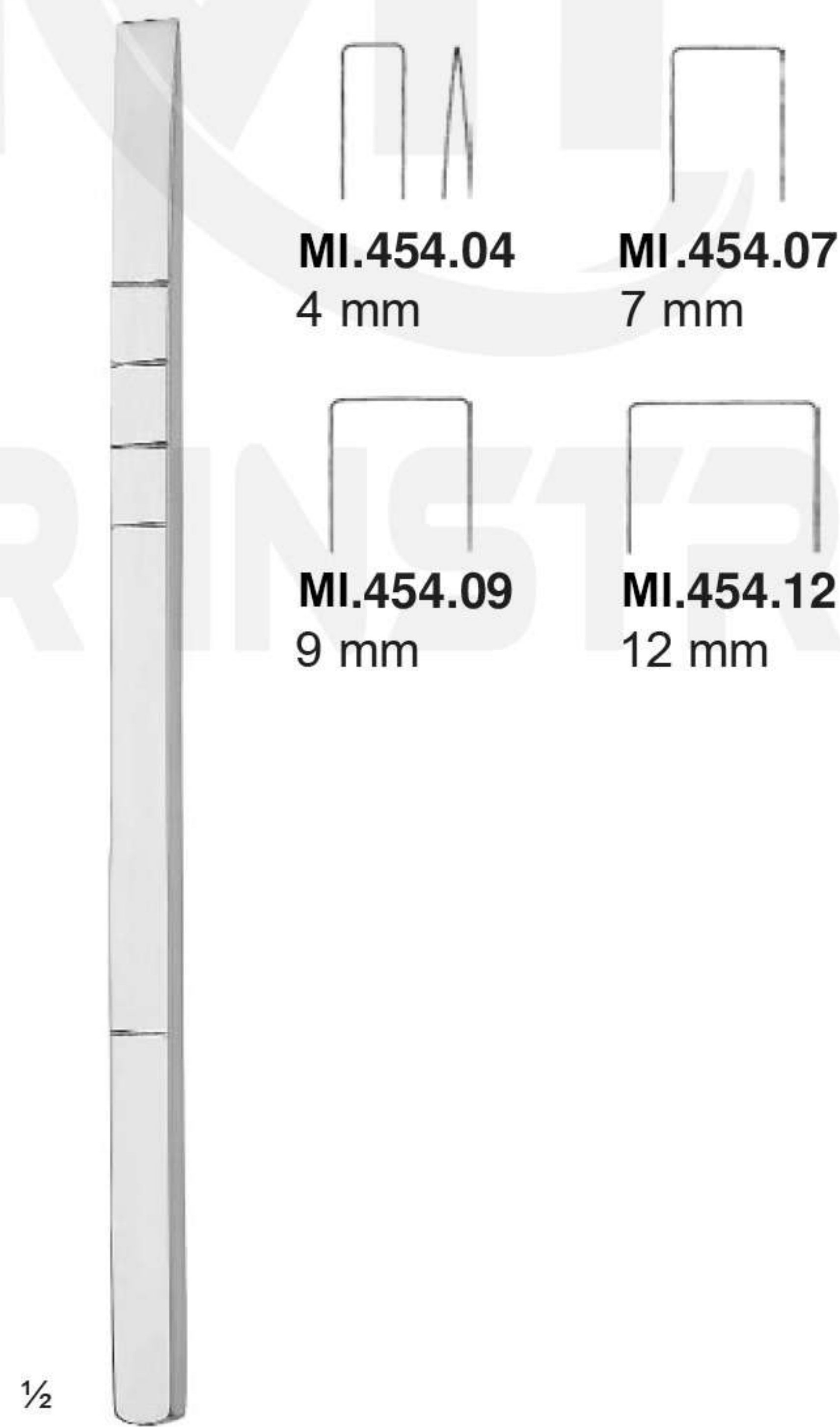
MI.651.44
44 mm

MI.651.50
50 mm

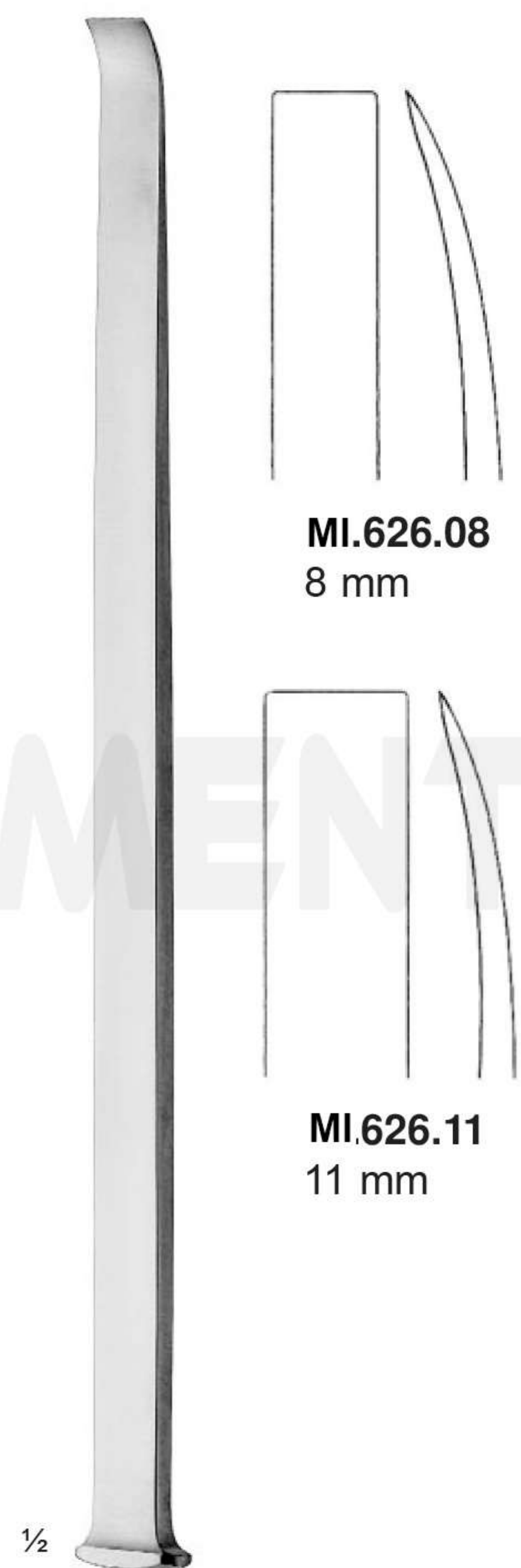
Osteotome
Osteotomes
Ostéotomes
Osteótomos
Osteotomi



NIEDERDELMANN
25 cm/9 3/4"



COTTLE
18 cm/7"



OBWEGESSER
23,5 cm/9 1/4"

Osteotome, Hohlmeißel
Osteotomes, Gouges
Ostéotomes, Gouges
Osteótomos, Gubias
Osteotomi, Sgorbie



MI.661.01
5,5 mm

MI.661.02
9,0 mm

Hohlmeißel für Skoliose Operationen
Gouges for scoliosis operations
Gouge pour les opérations de scoliose
Gubias para las operaciones de escoliosis
Sgorbie per le operazioni di scoliosi



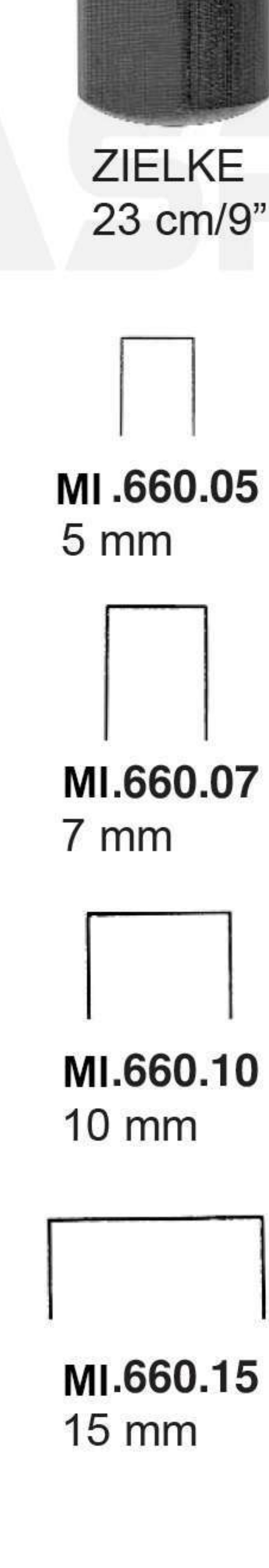
MI.662.06
6 mm

MI.662.08
8 mm

MI.662.11
11 mm

MI.662.16
16 mm

Wirbelsäulenmeißel, bajonettförmig
Lamina gouge, cranked
Gouge pour la colonne vertébrale
Gubias para la columna vertebral
Sgorbie per la colonna vertebrale



ZIELKE
23 cm/9"

MI.660.05
5 mm

MI.660.20
20 mm

MI.660.07
7 mm

MI.660.25
25 mm

MI.660.10
10 mm

MI.660.30
30 mm

MI.660.15
15 mm



23,5 cm/9 1/4"

MI.661.05
5 mm

MI.661.20
20 mm

MI.661.07
7 mm

MI.661.25
25 mm

MI.661.10
10 mm

MI.661.30
30 mm

MI.661.15
15 mm

LEXER
22 cm/8 3/4"

Spongiosaentnahmemeißel
Spongiosa Gouges
Ciseaux-burinx pour spongiosa
Cinceles de esponjosa
Scalpelli per spongiosa



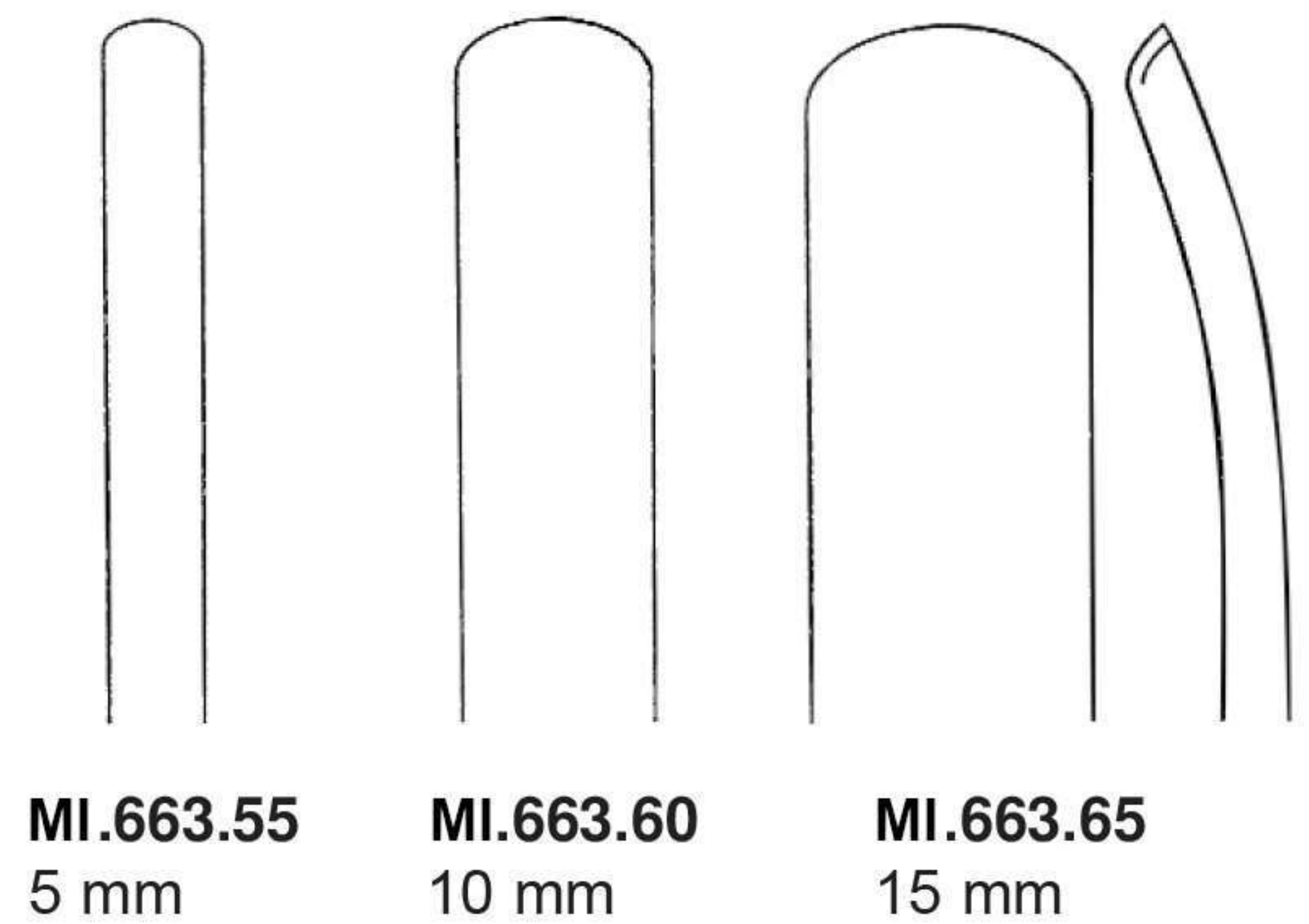
½
LEXER
25 cm/9¾"



mit Kunststoffgriff
with plastic handle
avec manche en matière plastiue
con mango plástico
con manico in plastica



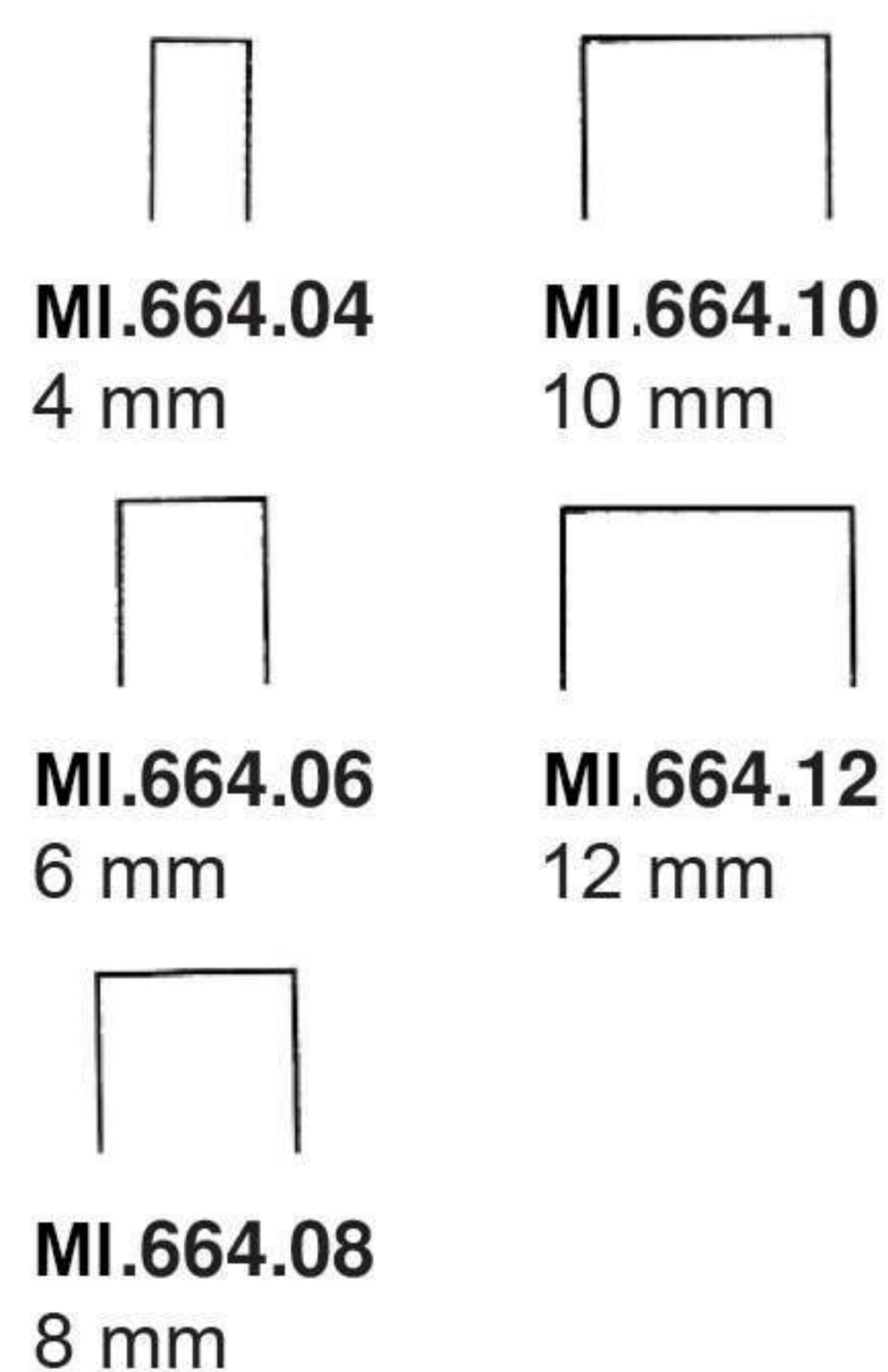
½
LEXER
25 cm/9¾"



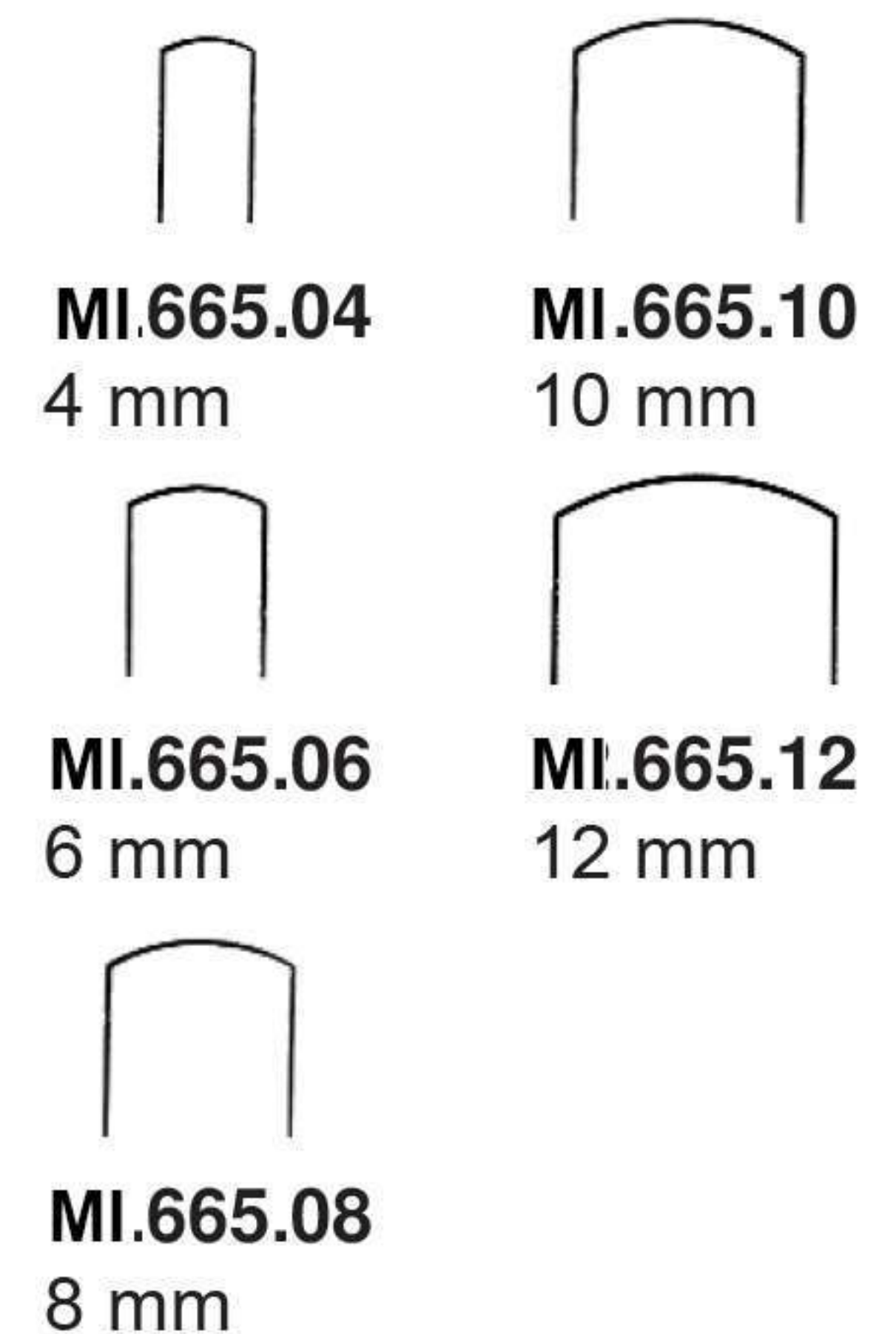
mit Kunststoffgriff
with plastic handle
avec manche en matière plastiue
con mango plástico
con manico in plastica



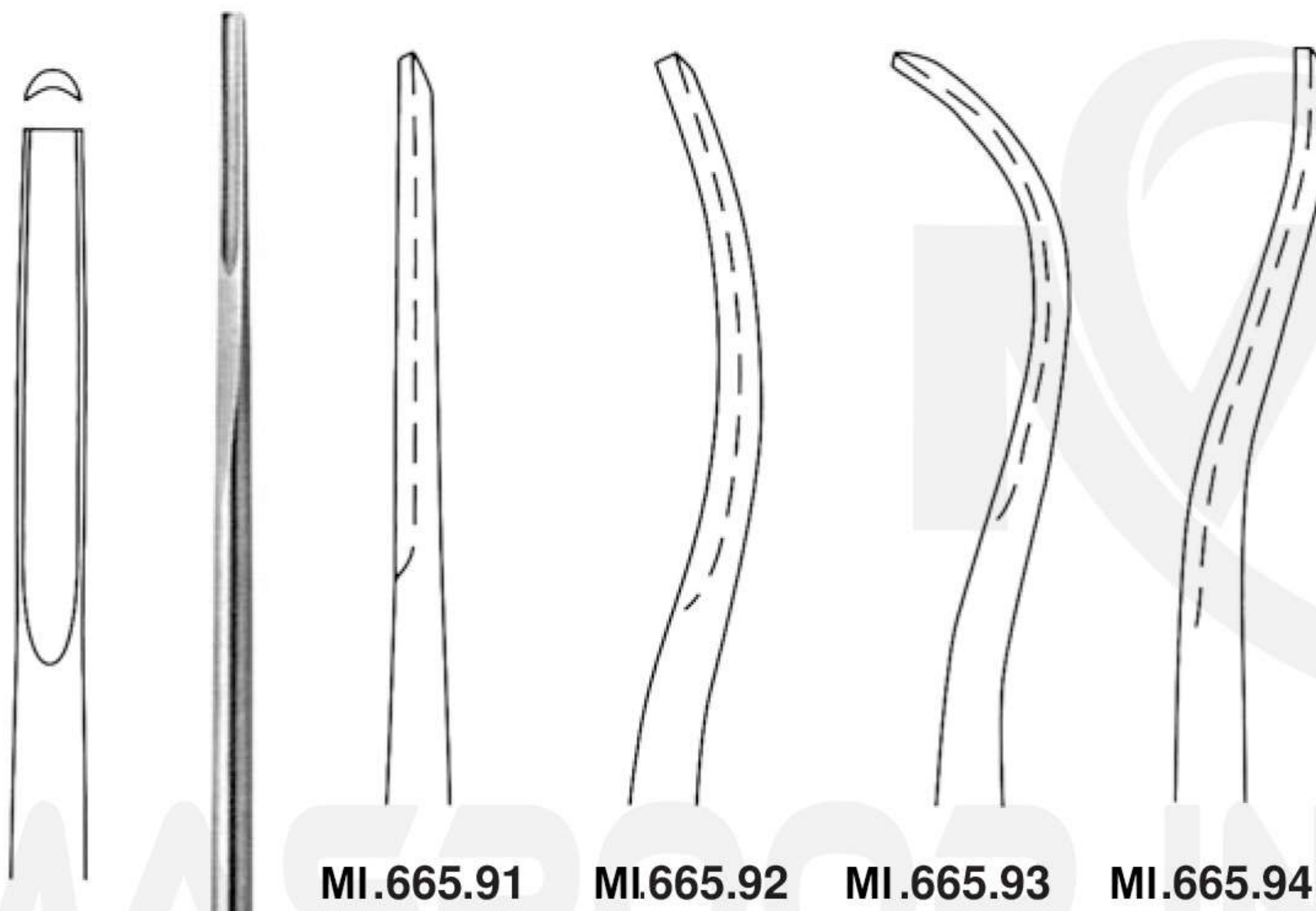
½
LEXER-mini
18 cm/7"



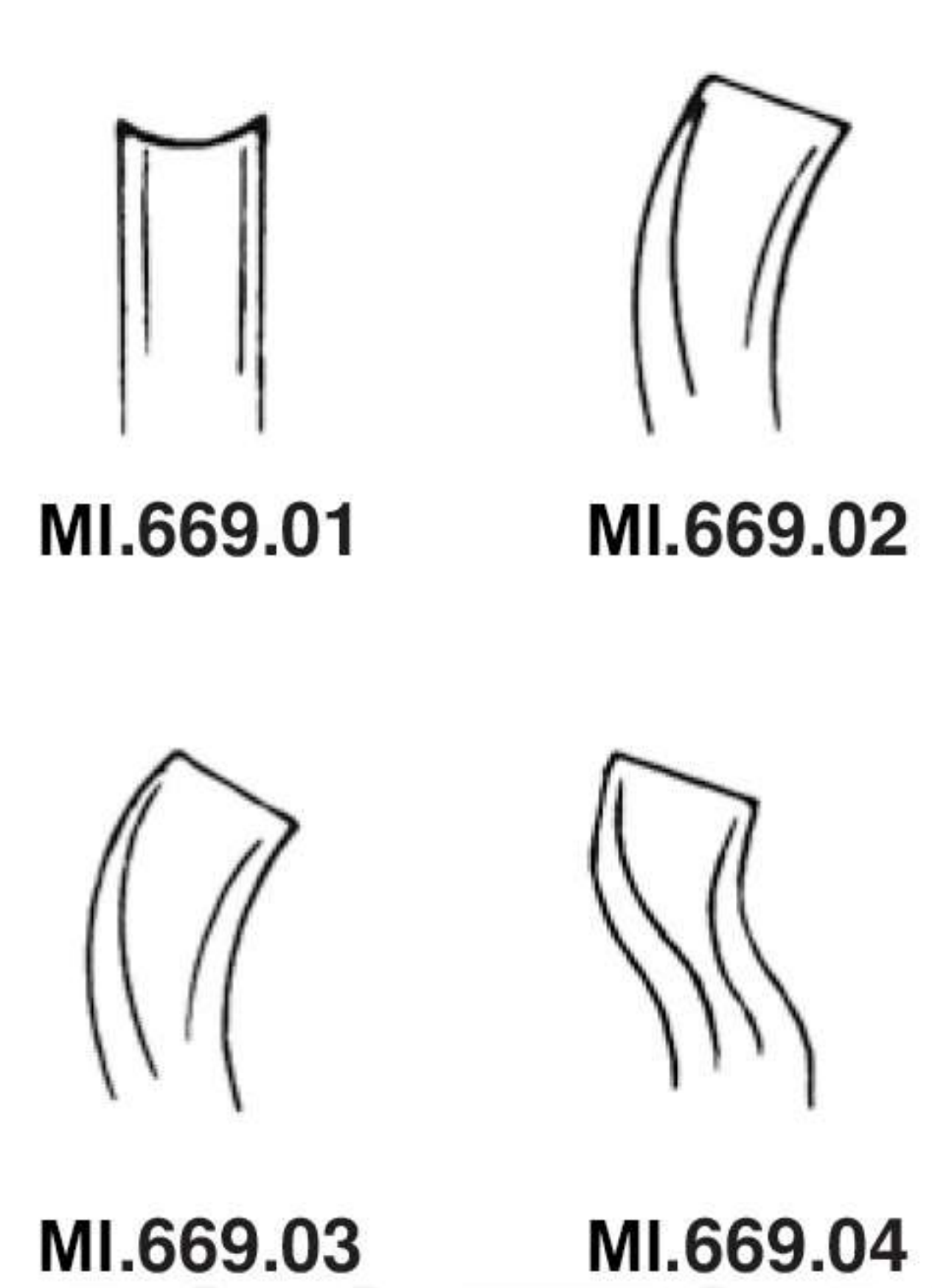
½
LEXER-mini
18 cm/7"



Spongiosaentnahmemeißel
Spongiosa Gouges
Ciseaux-burinx pour spongiosa
Cinceles de esponjosa
Scalpelli per spongiosa



MI.665.91 MI.665.92 MI.665.93 MI.665.94



MI.669.01 MI.669.02
MI.669.03 MI.669.04



Spinal-Fusions-Hohlmeißel
Spinal Fusion Gouges
Arthrodèse gouges
Fusión espinal gubias
Fusione spinale sgorbie

mit Kunststoffgriff
with plastic handle
avec manche en matière plastiue
con mango plástico
con manico in plastica

1/2

COBB
28 cm/11"
4 mm



Spinal-Fusions-Hohlmeißel
Spinal Fusion Gouges
Arthrodèse gouges
Fusión espinal gubias
Fusione spinale sgorbie

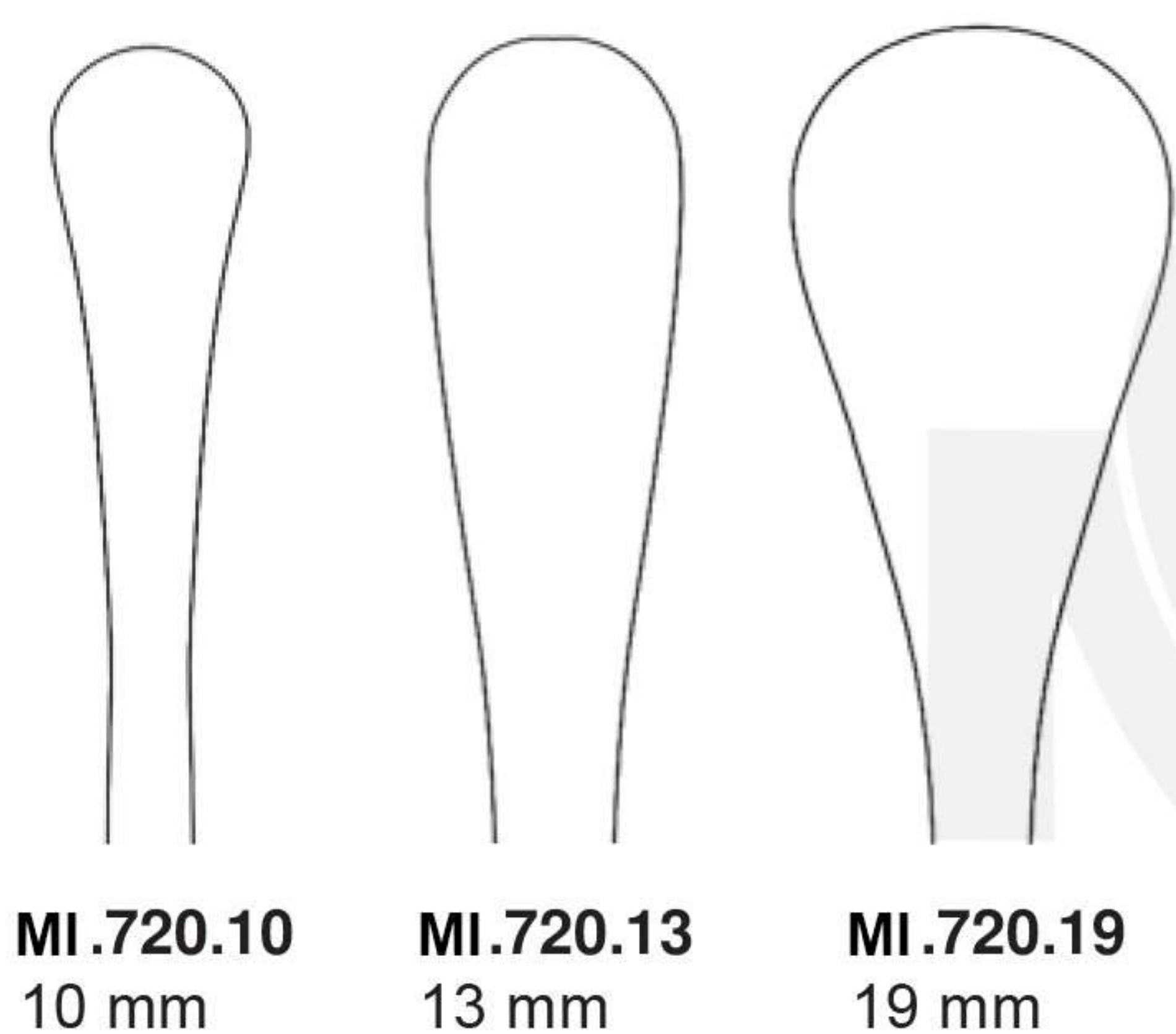
1/2

COBB
28 cm/11"
6 mm

Spinal-Elevatorien
Spinal Elevators
Arthrodèse Elévateurs
Espinal Elevadores
Spinale Elevatori



$\frac{1}{2}$ COBB
28 cm/11"



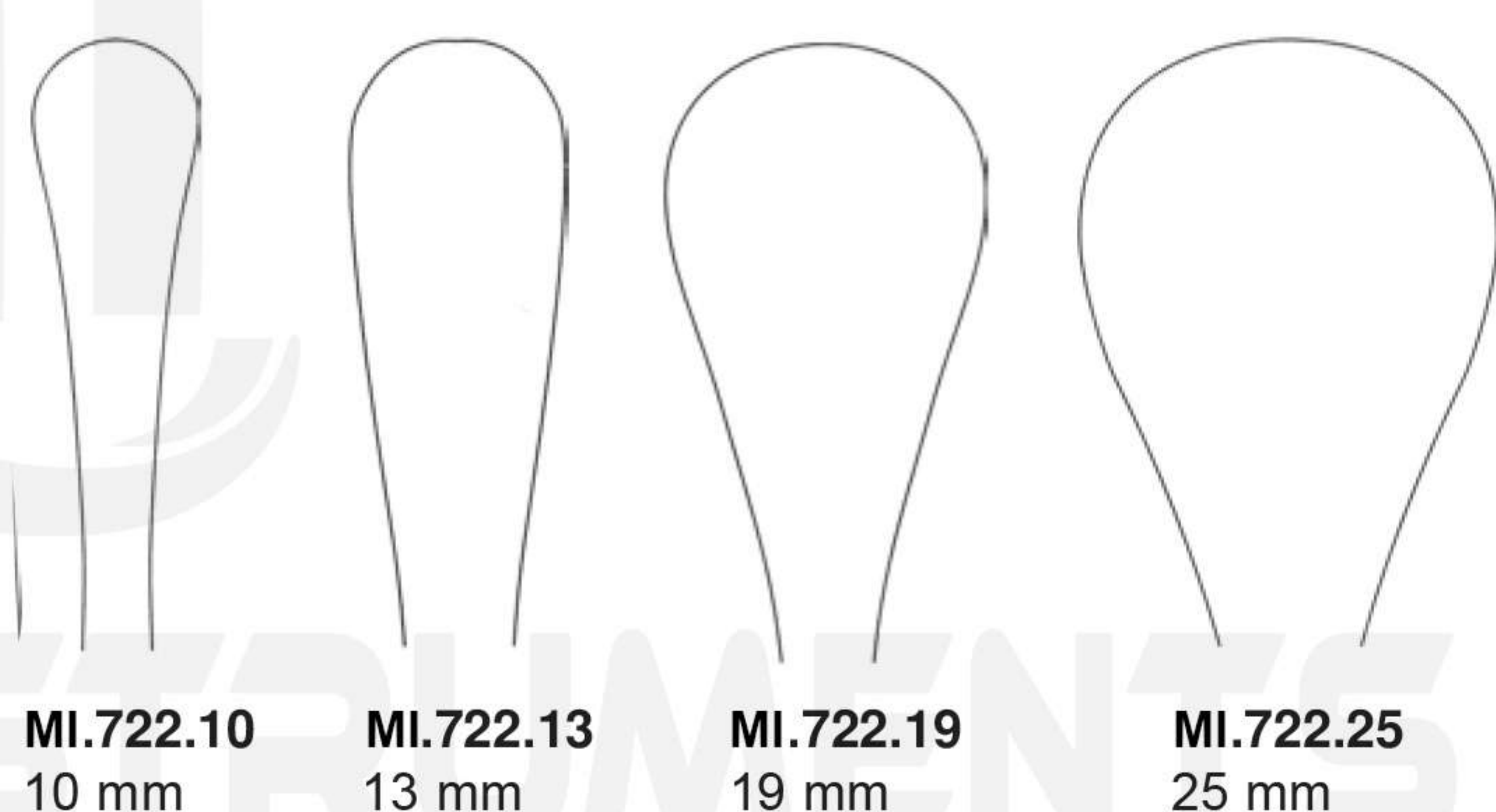
MI.720.10
10 mm

MI.720.13
13 mm

MI.720.19
19 mm



$\frac{1}{2}$ COBB
25 cm/10"



MI.722.10
10 mm

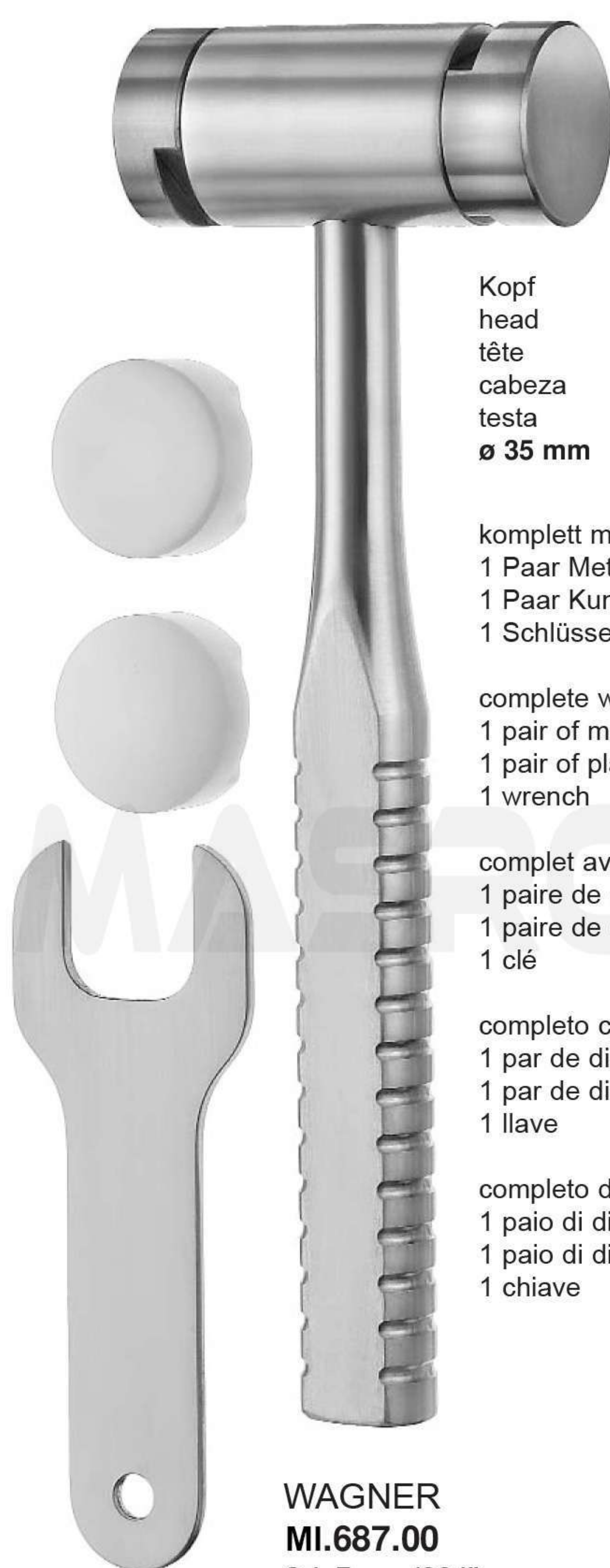
MI.722.13
13 mm

MI.722.19
19 mm

MI.722.25
25 mm

halbscharf
semi-sharp
semitranchante
semi agudo
semiacuto

Hämmer
Mallets
Maillets
Martillos
Martelli



WAGNER
MI.687.00
24,5 cm/9³/₄"

Kopf
head
tête
cabeza
testa
ø 35 mm

komplett mit:
1 Paar Metallbacken **MI.687.01** und
1 Paar Kunststoffbacken **MI.687.02** und
1 Schlüssel

complete with:
1 pair of metal disks **MI.687.01** and
1 pair of plastic disks **MI.687.02** and
1 wrench

complet avec:
1 paire de disques métalliques **MI.687.01**
1 paire de disques en plastique **MI.687.02**
1 clé

completo con:
1 par de discos de metal **MI.687.01**
1 par de discos de plástico **MI.687.02**
1 llave

completo di:
1 paio di dischi di metallo **MI.687.01**
1 paio di dischi di plastica **MI.687.02**
1 chiave

MI.687.01

215 g

1 Metallbacke, plan
1 Metallbacke, convex

1 metal disk, flat
1 metal disk, convex

1 disque de métal, à plat
1 disque de métal, convexe

1 disco de metal, plana
1 disco de metal, convexo

1 disco di metallo, piate
1 disco di metallo, convessa

MI.687.02

30 g

1 Kunststoffbacke, plan
1 Kunststoffbacke, convex

1 plastic disk, flat
1 plastic disk, convex

1 disque en plastique, à plat
1 disque en plastique, convexe

1 disco de plástico, plana
1 disco de plástico, convexo

1 disco di plastica, piate
1 disco di plastica, convessa



1/2

HAJEK
MI.687.22
22 cm/8³/₄"

Kopf
head
tête
cabeza
testa
ø 27 mm

Gewicht
Weight
Poids
Peso
Peso
140 g

Hämmer
Mallets
Maillets
Martillos
Martelli



1/2

COTTLE
MI.689.24
19 cm/7 1/2"

plan / konvex
plane / convex
plan / convexe
plano / convexo
plano / convesso

Kopf
head
tête
cabeza
testa
Ø 30 mm

Gewicht
Weight
Poids
Peso
Peso
300 g



1/2

MI.691.14
18,5 cm/7 1/4"

MI.691.99
Ersatzbacken zu **MI.691.14**, Paar
Spare facings to **MI.691.14**, pair
Joues de rechange pour **MI.691.14**, paire
Frentes de repuesto para **MI.691.14**, par
Guancie di ricambio per **MI.691.14**, paio

Kopf
head
tête
cabeza
testa
Ø 25 mm

Gewicht
Weight
Poids
Peso
Peso
135 g

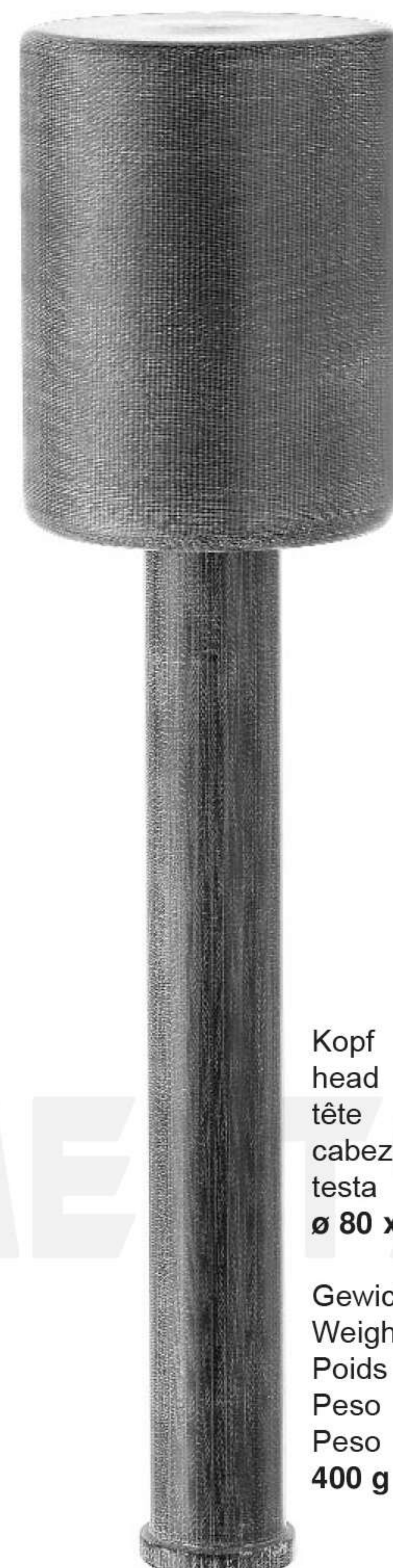


1/2

WILLIGER
MI.695.14
16,5 cm/6 1/2"

Kopf
head
tête
cabeza
testa
Ø 20 mm

Gewicht
Weight
Poids
Peso
Peso
140 g



1/2

STEINBACH
MI.695.40
24 cm/9 1/2"

Kunststoff, massiv
Plastic, solid
Plastic, solid
matière plastique, solide
materia plastica, piena

Kopf
head
tête
cabeza
testa
Ø 80 x 60 mm

Gewicht
Weight
Poids
Peso
Peso
400 g

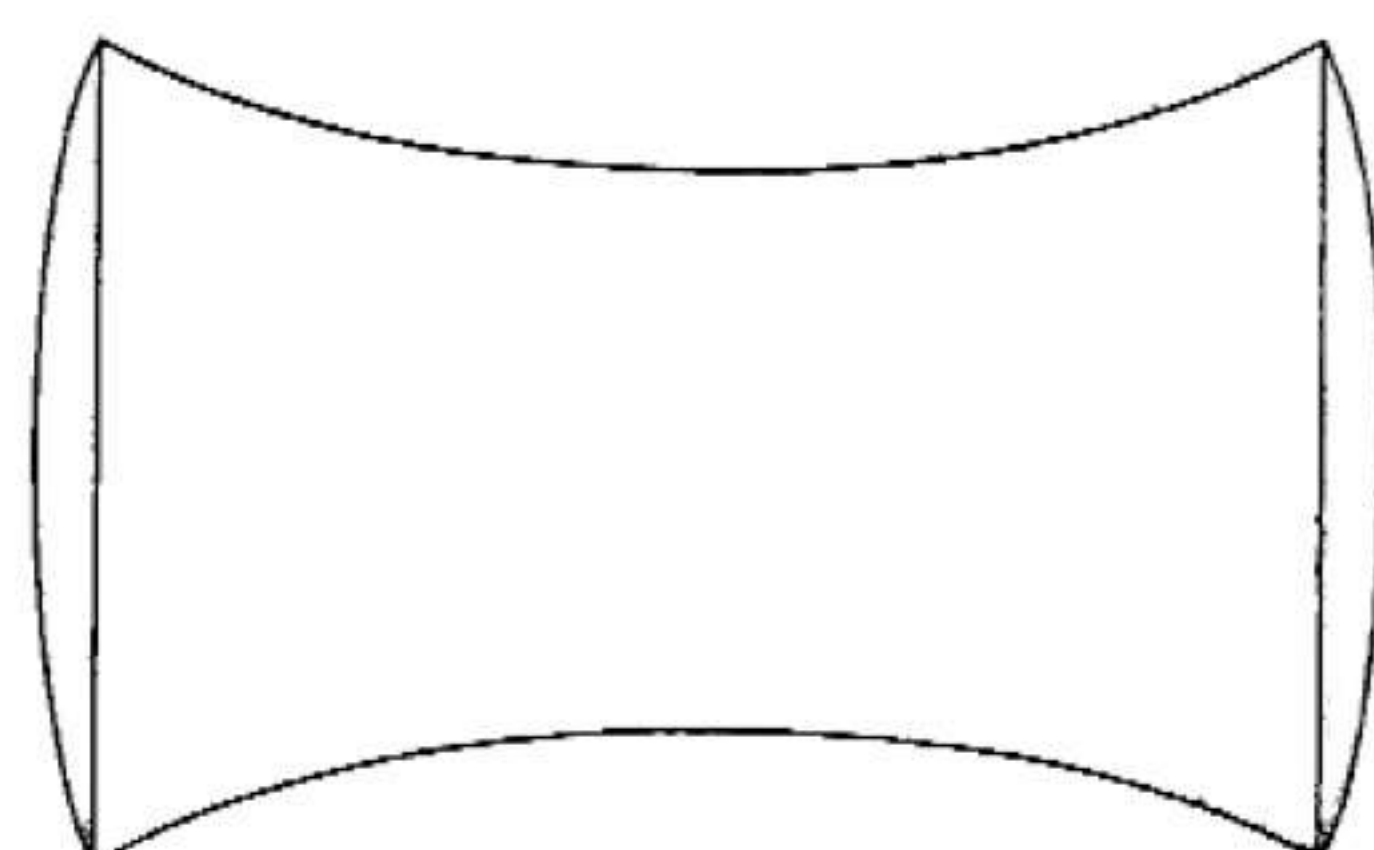
Hämmer
Mallets
Maillets
Martillos
Martelli



½

WILLIGER
24 cm/9½"

bleigefüllt
lead filled
remplissage de plomb
relleno de plomo
ripieno di piombo



MI.694.30

Kopf
head
tête
cabeza
testa
ø 26 mm

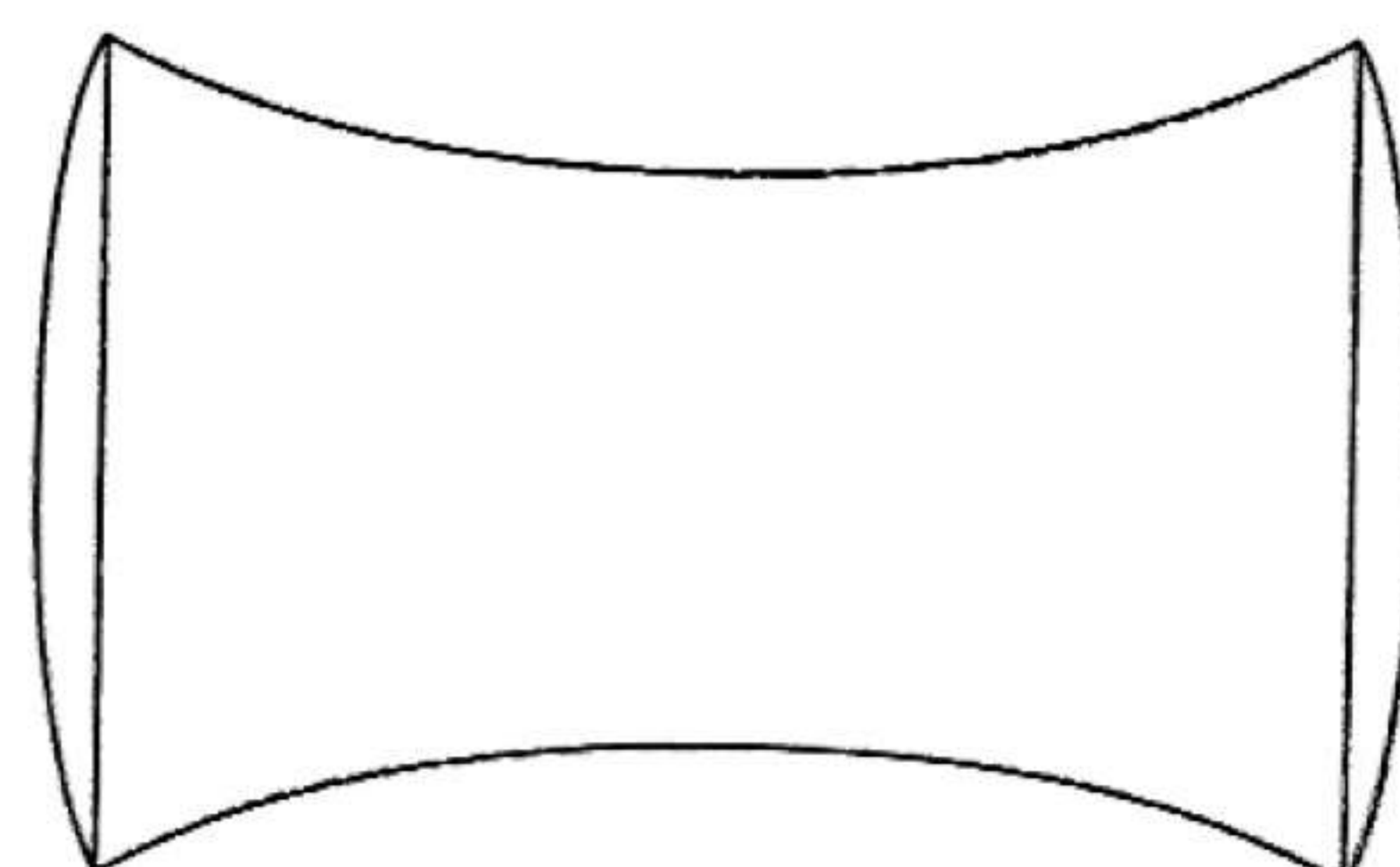
Gewicht
Weight
Poids
Peso
Peso
300 g=10oz



MI.694.34

Kopf
head
tête
cabeza
testa
ø 28 mm

Gewicht
Weight
Poids
Peso
Peso
340 g=12oz



MI.694.40

Kopf
head
tête
cabeza
testa
ø 30 mm

Gewicht
Weight
Poids
Peso
Peso
400 g=14oz



½

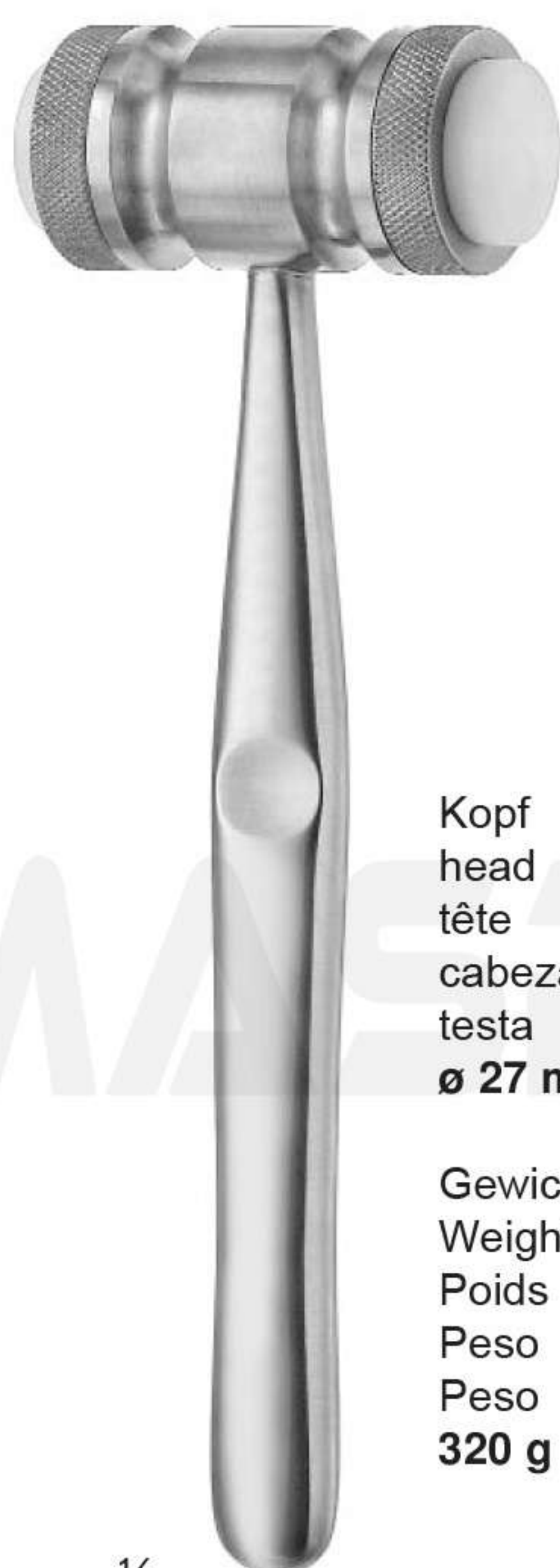
MI.696.19
19 cm/7½"

bleigefüllt
lead filled
remplissage de plomb
relleno de plomo
ripieno di piombo

Kopf
head
tête
cabeza
testa
ø 22 mm

Gewicht
Weight
Poids
Peso
Peso
155 g

Hämmer
Mallets
Maillets
Martillos
Martelli



1/2

MEAD
MI.696.32
17 cm/6 3/4"

Kopf
head
tête
cabeza
testa
ø 27 mm

Gewicht
Weight
Poids
Peso
Peso
320 g



MI 697.02

Ersatzbacken (Paar)
Spare Facings (pair)
Plaques de rechange (paire)
Tapas de repuesto (par)
Placche di ricambio (paio)

Kunststoff (Nylon)
plastic (nylon)
matière plastique (nylon)
plástico (nilón)
plastica (nilon)



1/2

26 cm/10 1/4"

Kopf
head
tête
cabeza
testa
ø 42 mm

Gewicht
Weight
Poids
Peso
Peso
250 g

MI.698.25

aus Kunststoff
ohne Blei

made of plastic
without lead

en matière plastique
sans plomb

de plástico
sin plomo

in plastica
senza piombo

Kopf
head
tête
cabeza
testa
ø 42 mm

Gewicht
Weight
Poids
Peso
Peso
400 g

MI.698.40

aus Kunststoff
mit Bleifüllung

made of plastic
with lead filling

en matière plastique
remplissage de plomb

de plástico
con relleno de plomo

in plastica
ripieno di piombo



1/2

MI.701.18
18,5 cm/7"

mit einer flachen und einer
aufgerauhten Fläche
with one smooth and one
rough surface

Kopf
head
tête
cabeza
testa
ø 25 mm

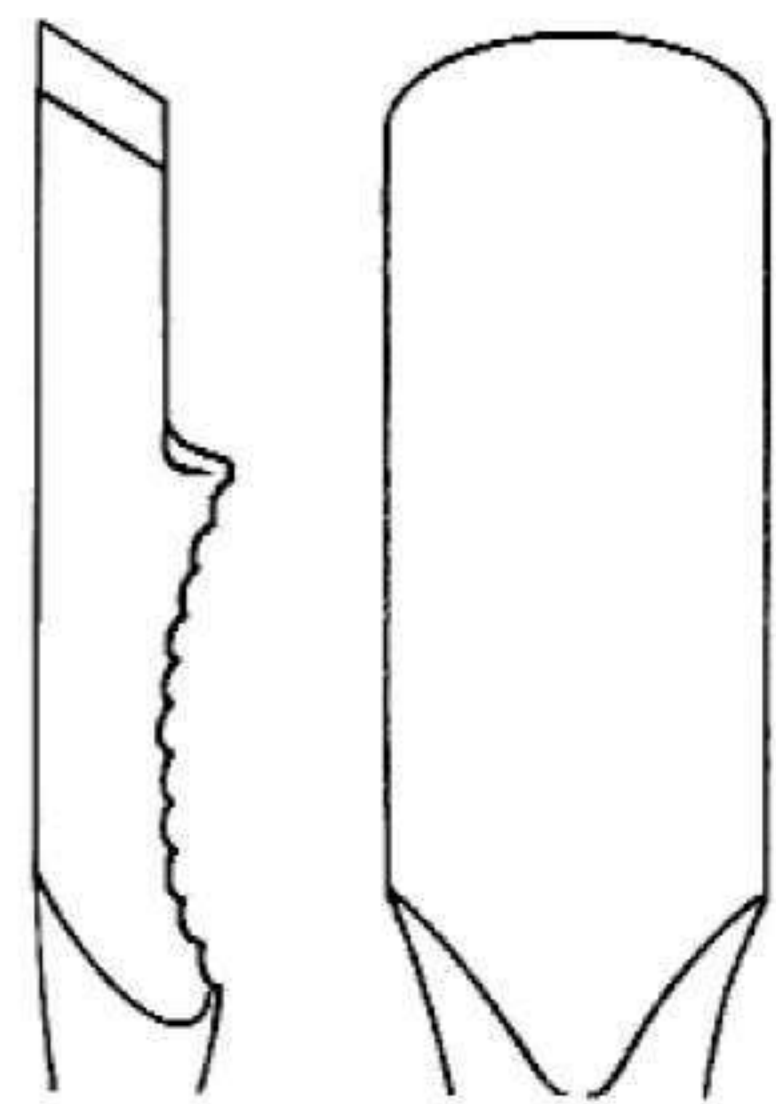
Gewicht
Weight
Poids
Peso
Peso
240 g

Raspatorien
Periosteal Elevators
Rugines-Raspatoires
Periostótomos
Periostotomi



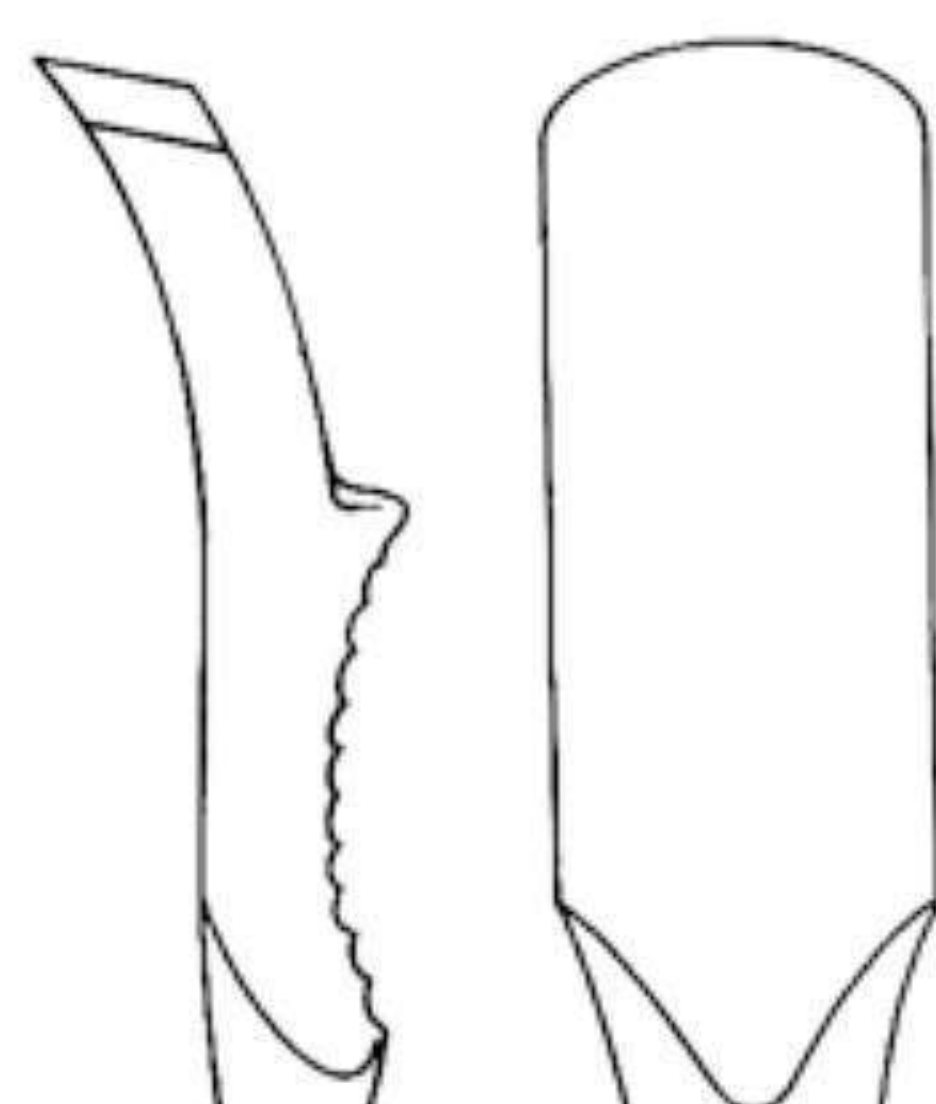
1/2

FARABEUF
MI.702.15
15 cm/5³/₄"



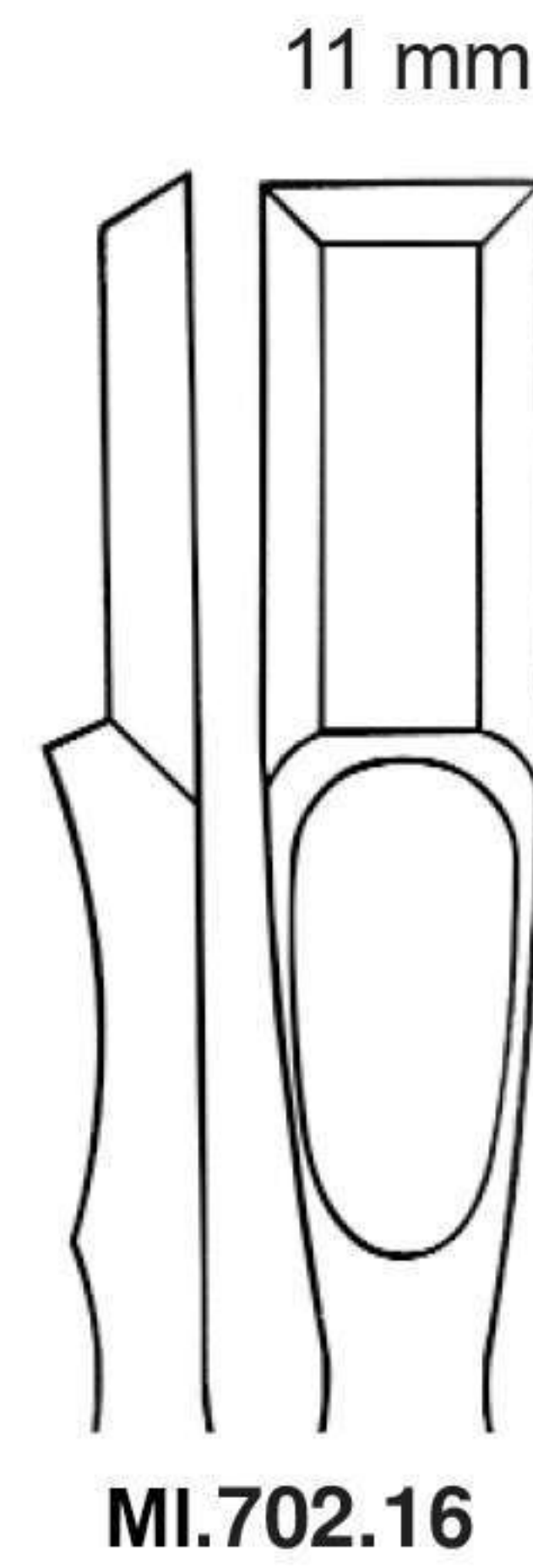
1/2

FARABEUF
MI.703.15
15 cm/5³/₄"

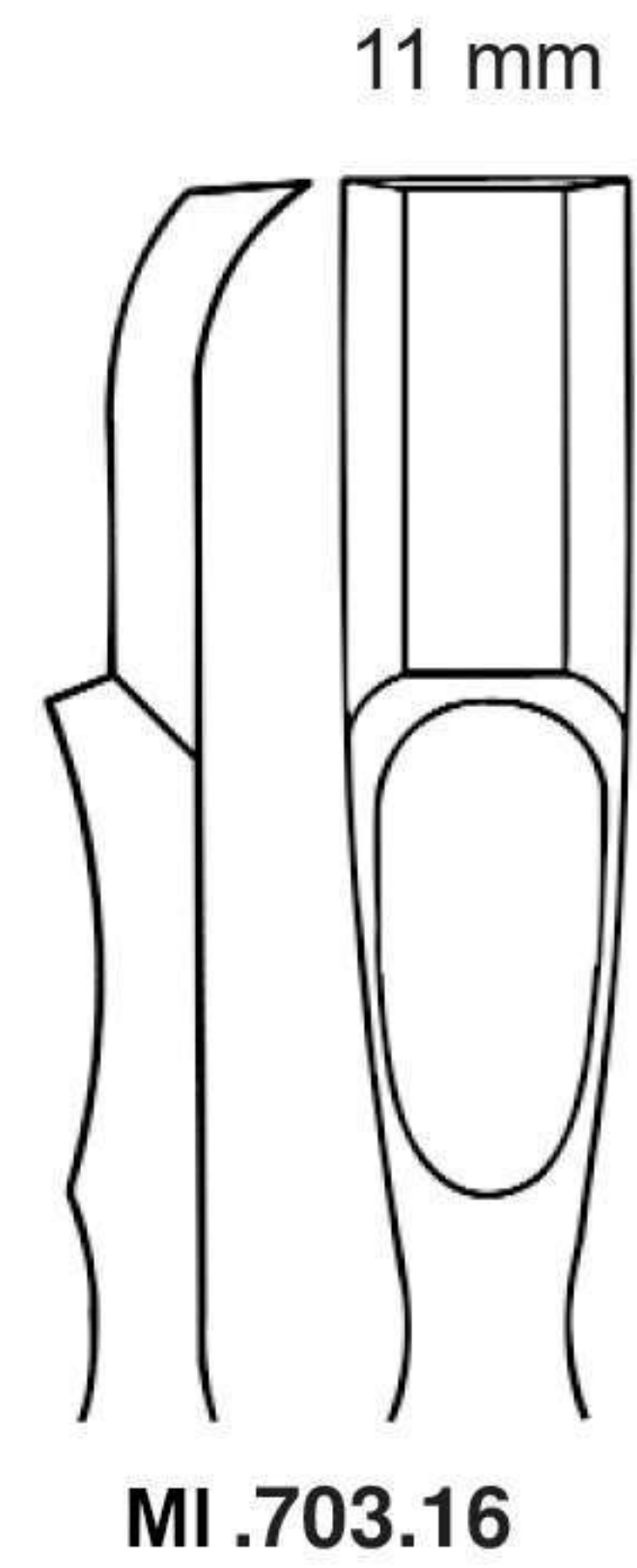


1/2

FARABEUF - COLLIN
16 cm/6¹/₄"



MI.702.16



MI.703.16



1/2

LAMBOTTE
21 cm/8¹/₄"

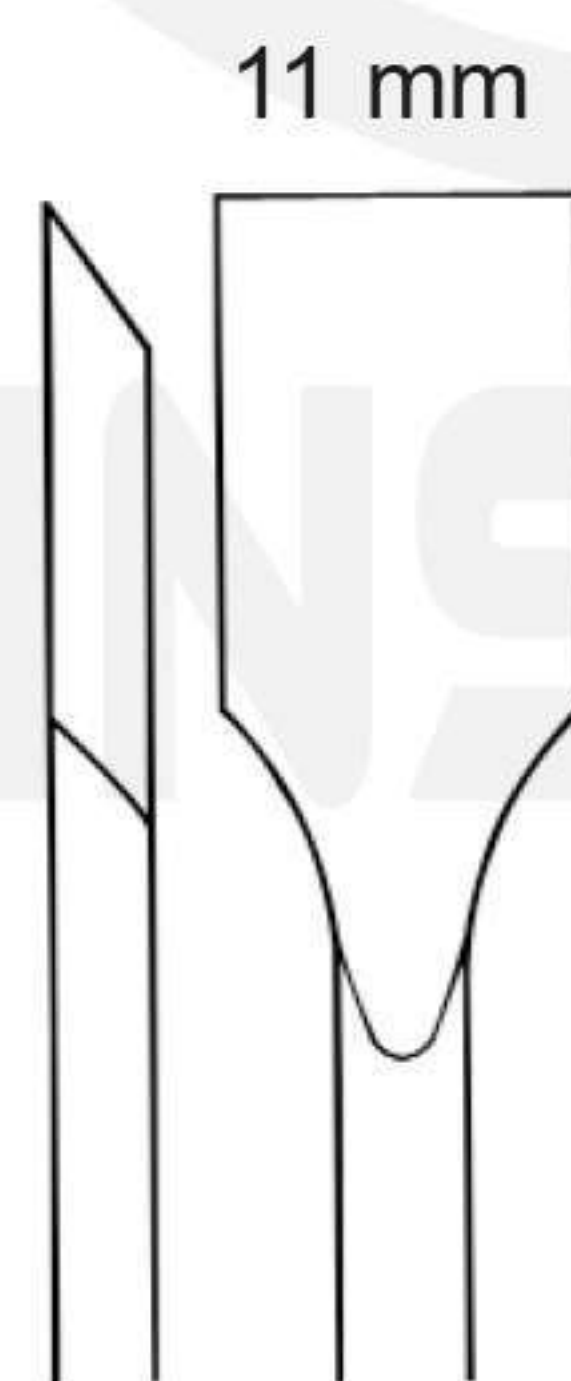


5 mm	MI.705.05
10 mm	MI.705.10
15 mm	MI.705.15
20 mm	MI.705.20
25 mm	MI.705.25



1/2

MCKISSOCK
MI.708.19
19,5 cm/7³/₄"



11 mm



1/2

KRÄMER



10 mm

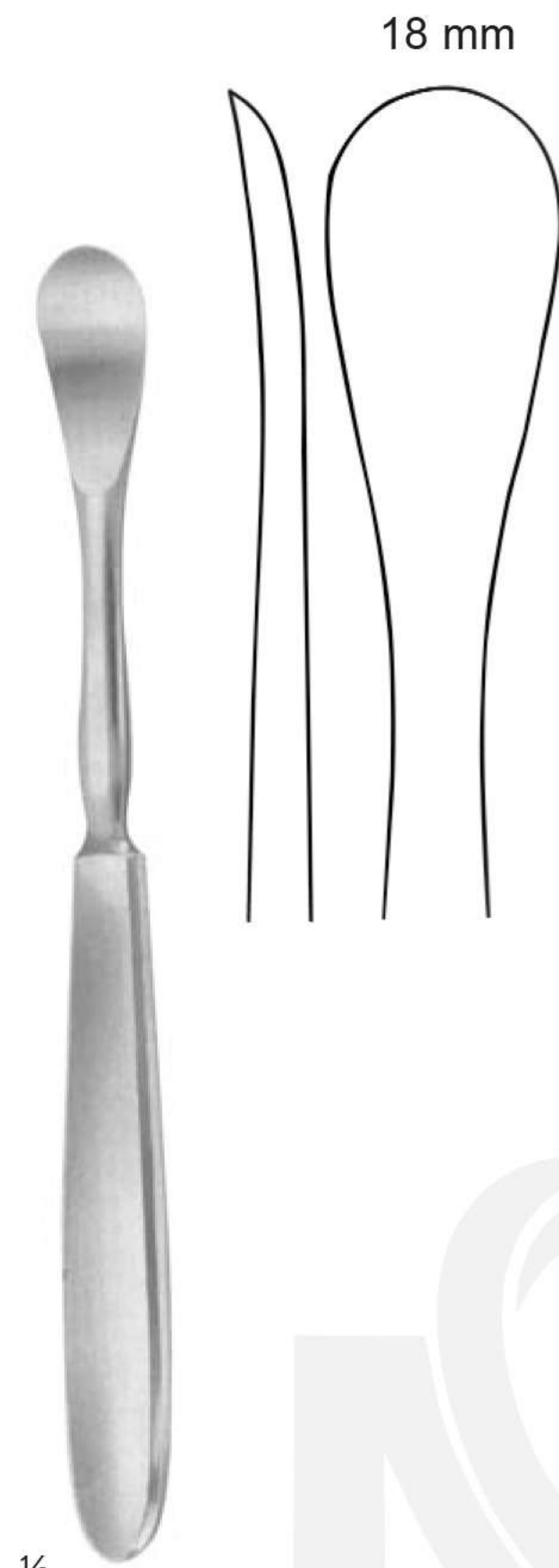
MI.707.19
19 cm/7¹/₂"



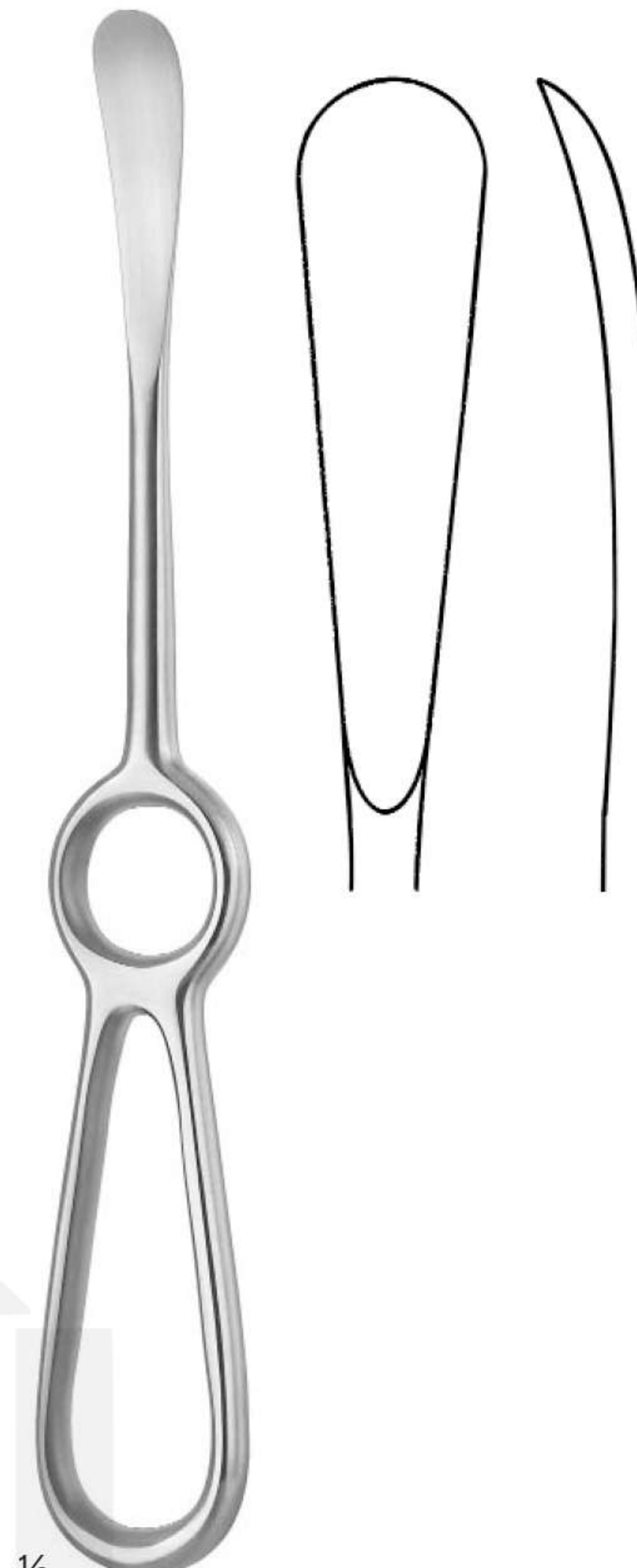
10 mm

MI.707.18
18,5 cm/7¹/₄"

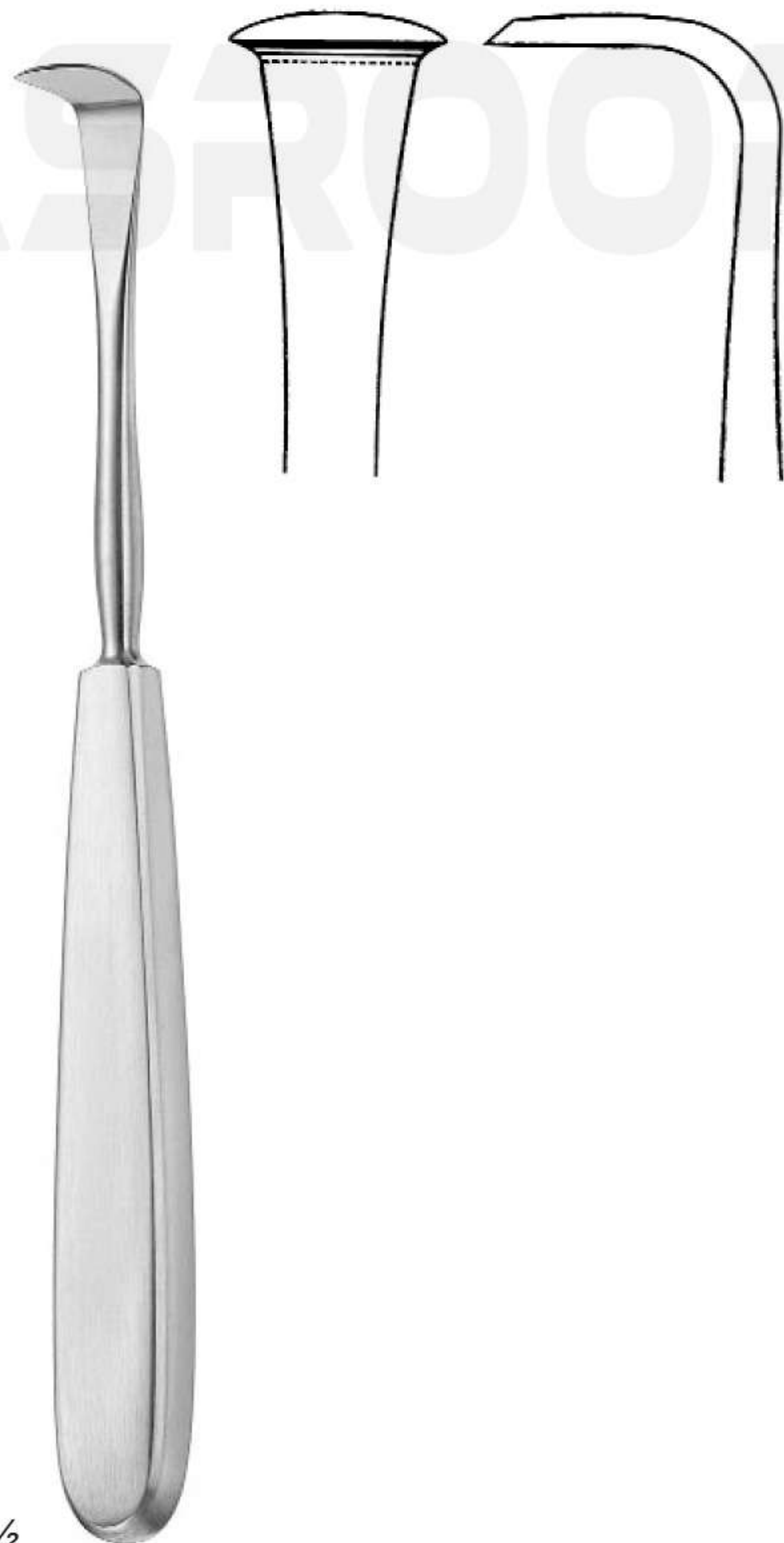
Raspatorien
Periosteal Elevators
Rugines-Raspatoires
Periostótomos
Periostotomi



½
SEDILLOT
MI.709.18
18,5 cm/7"



½
SEDILLOT
MI.709.21
21 cm/8¼"



½
LANGENBECK
MI.711.18
18 cm/7"

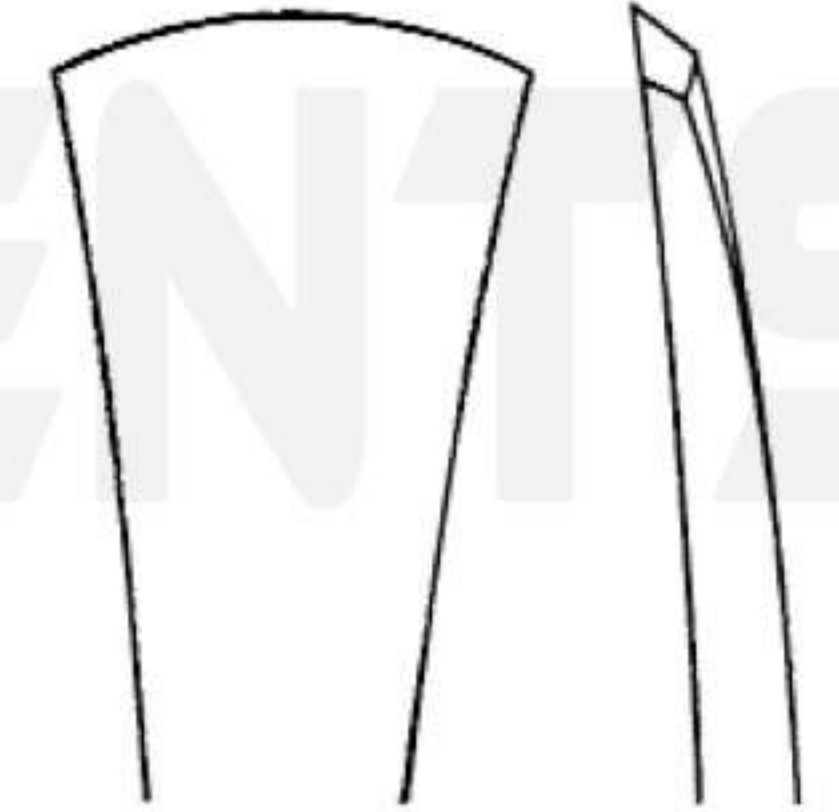


½
LANGENBECK

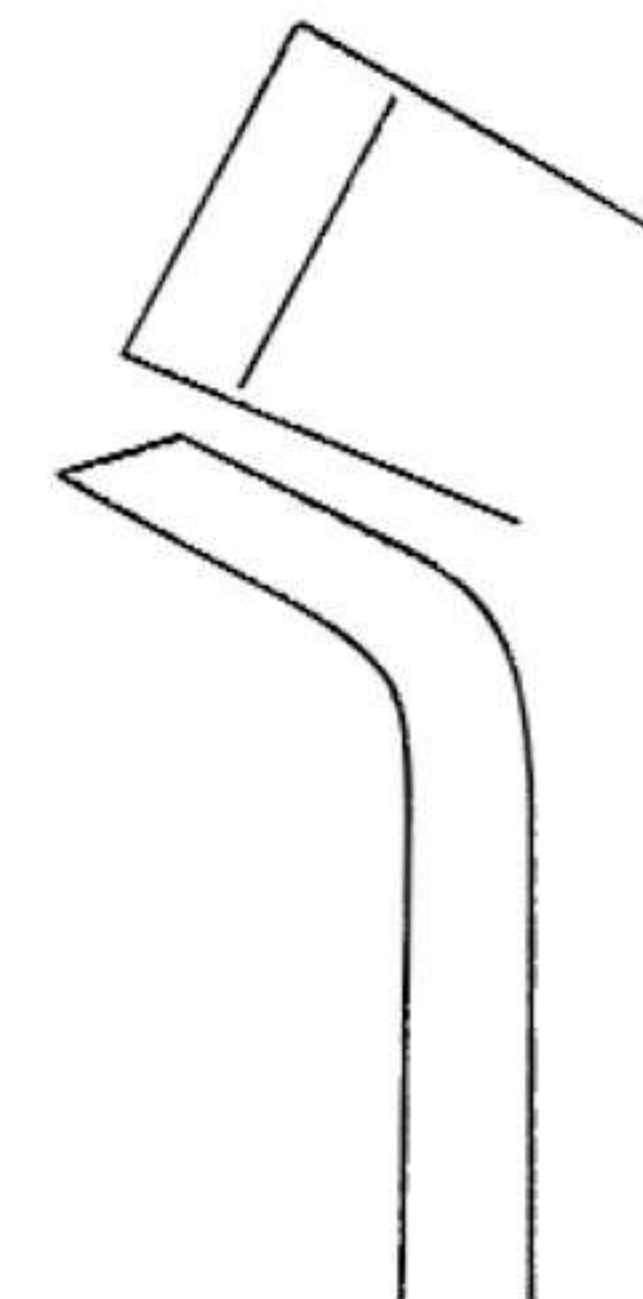
massiv
solid
solide
macizo
solido



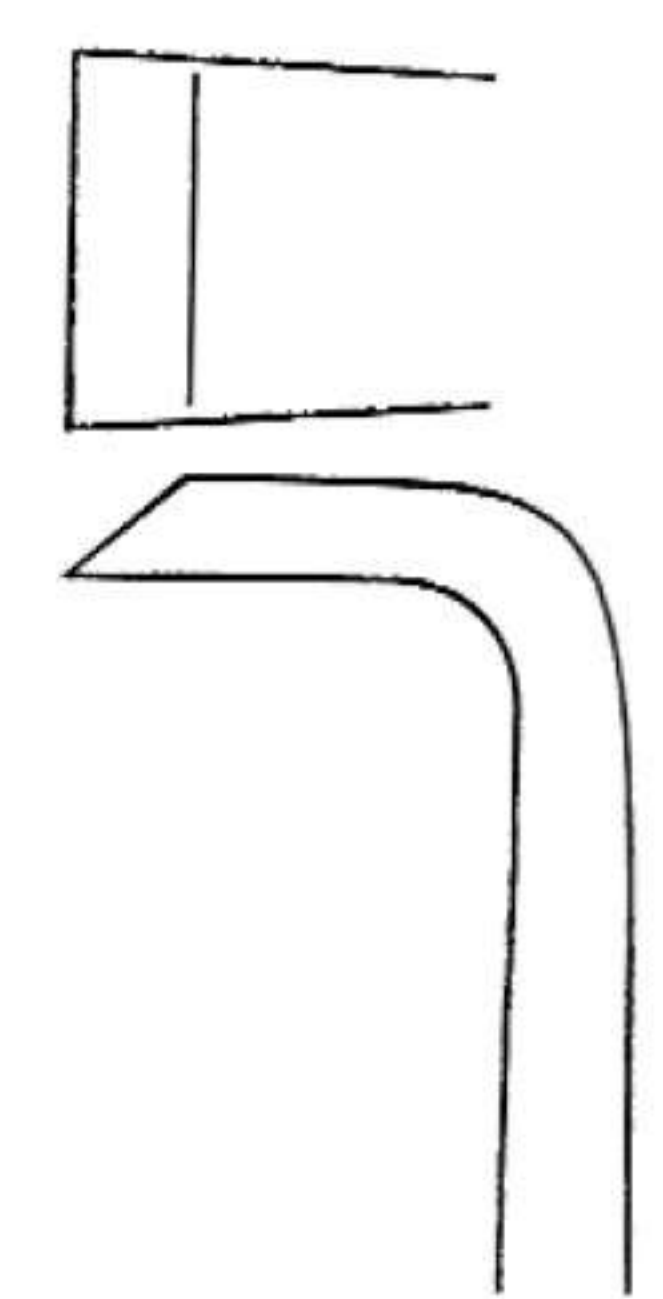
MI.712.01
19 cm/7½"
16 mm



MI.712.02
19 cm/7½"
16 mm



MI.712.03
18,5 cm/7¼"
12 mm



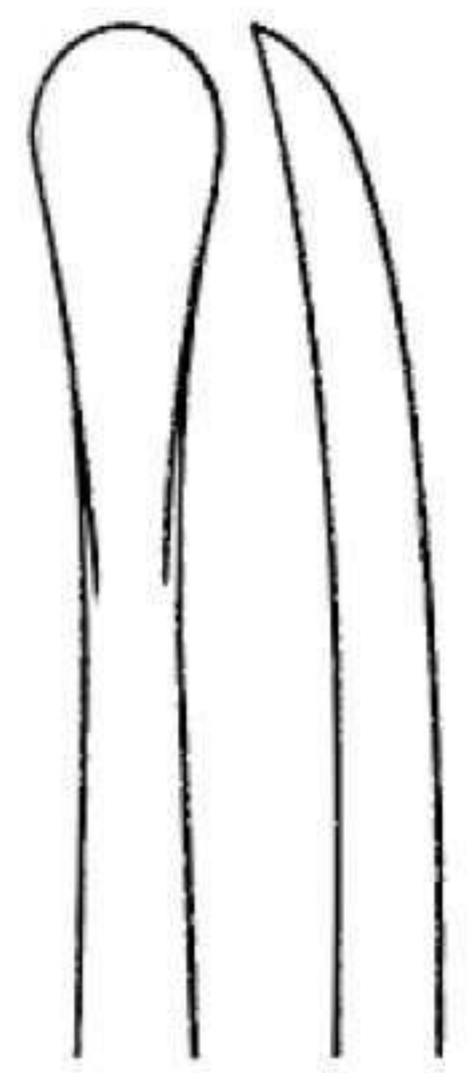
MI.712.04
18 cm/7"
12 mm

Raspatorien
Periosteal Elevators
Rugines-Raspatoires
Periostótomos
Periostotomi



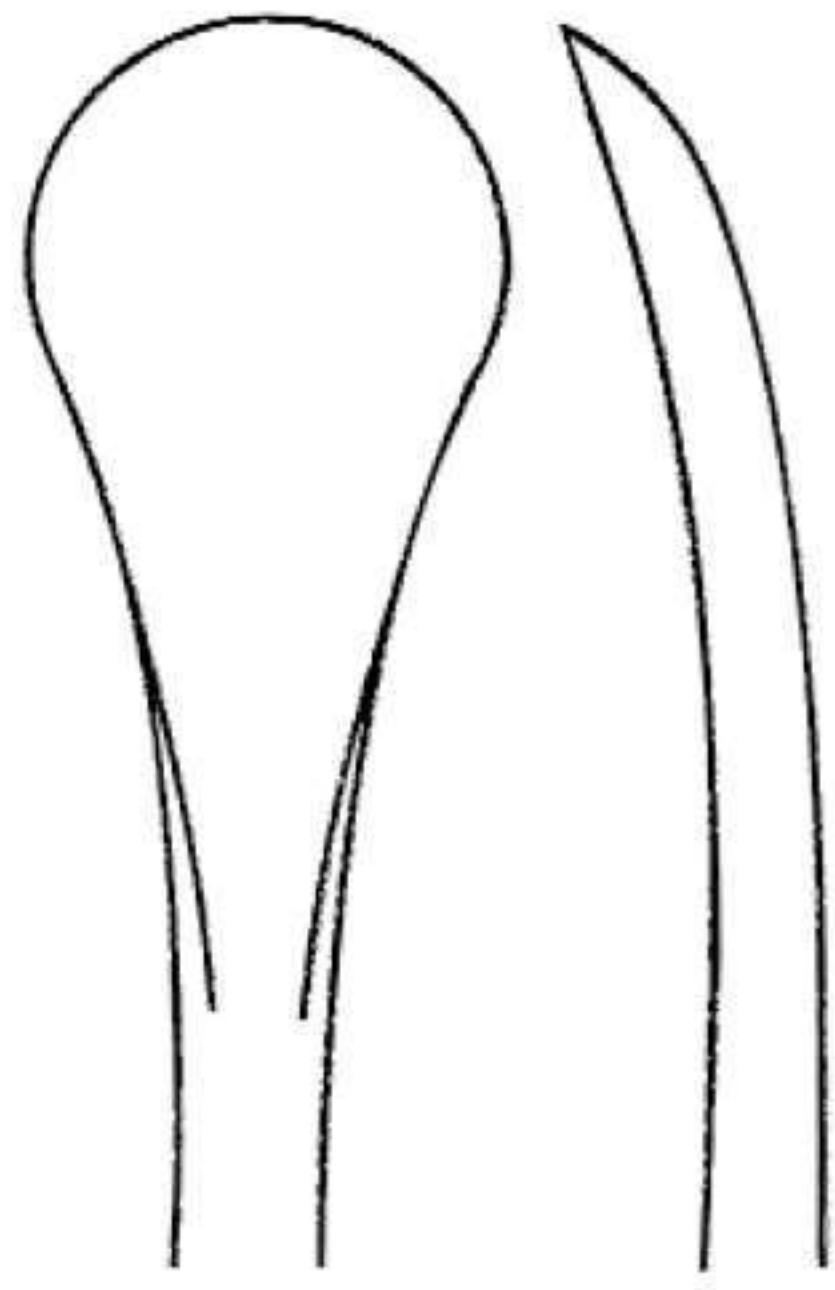
1/2

HOEN

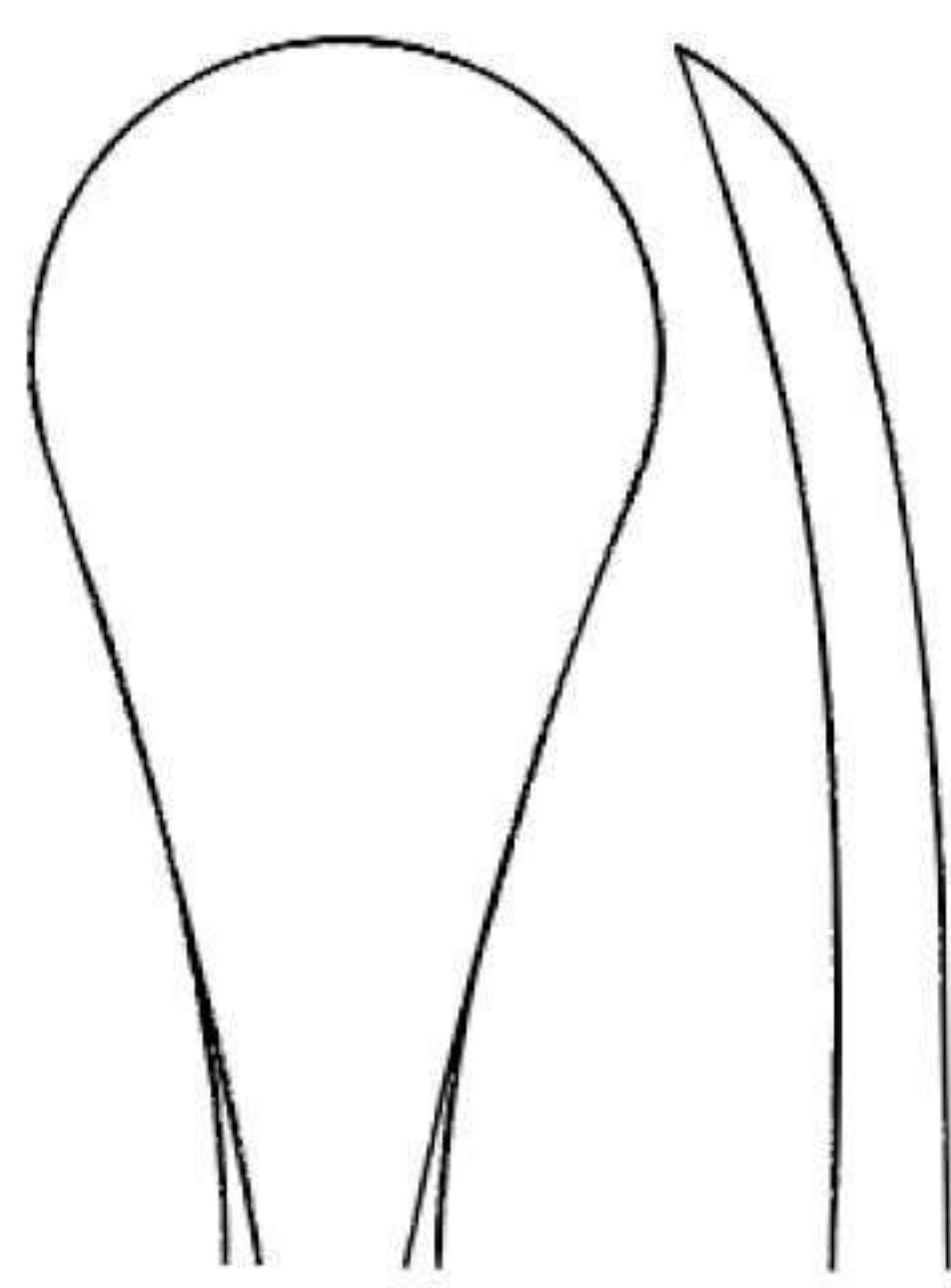


MI.712.10
16 cm/6 1/4"
7 mm

massiv
solid
solide
macizo
solido



MI.712.11
18,5 cm/7 1/4"
15 mm



MI.712.12
19 cm/7 1/2"
20 mm



1/2

WILLIGER
MI.713.16
16 cm/6 1/4"
5 mm

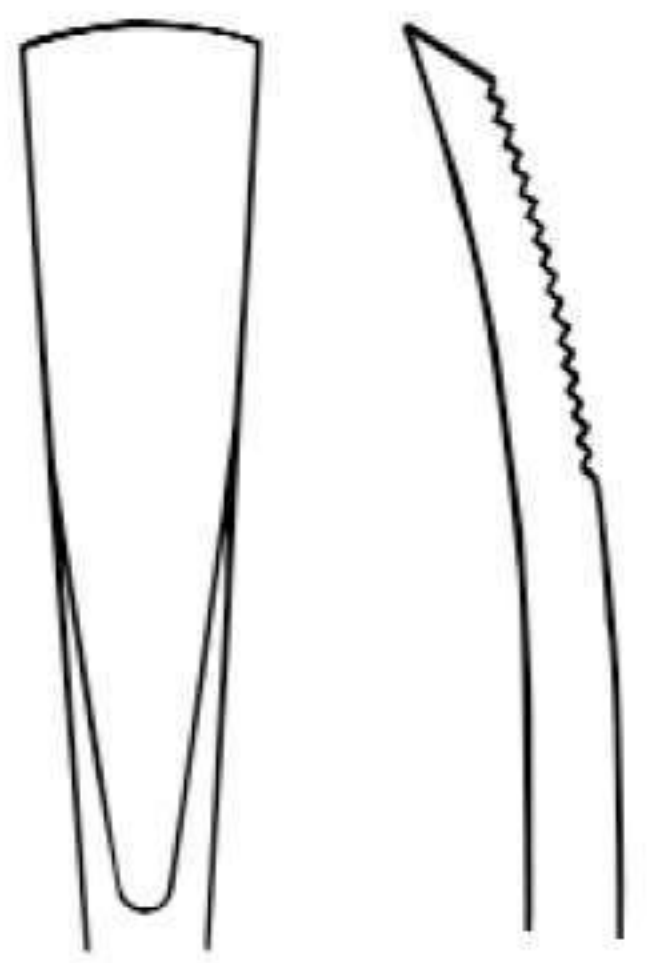
massiv
solid
solide
macizo
solido



1/2

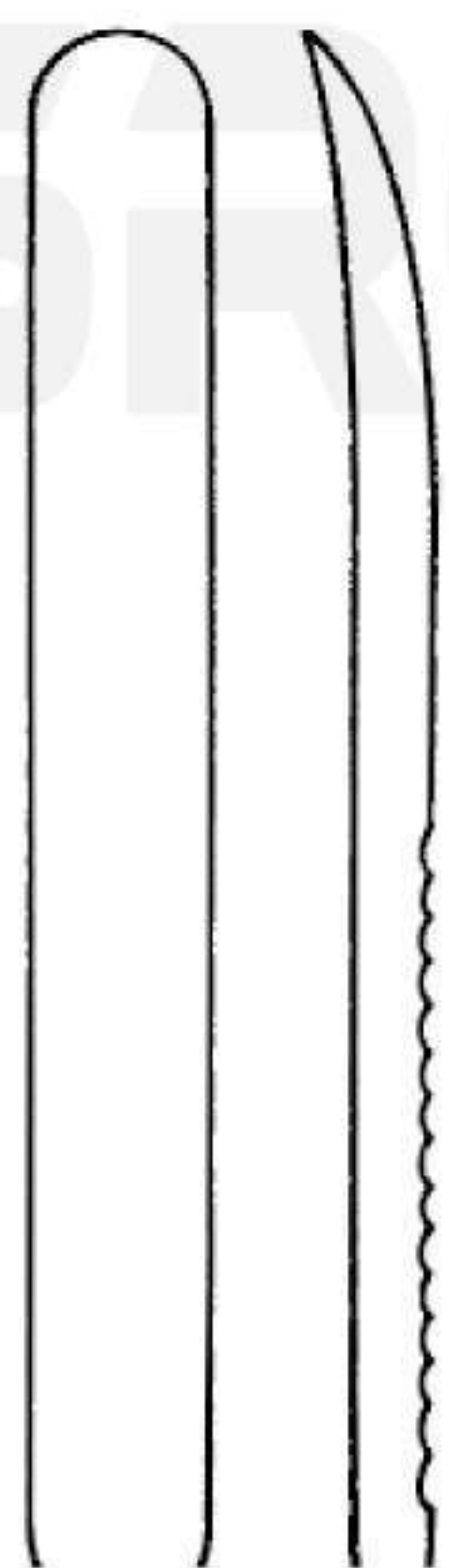
JANSEN
MI.714.16
16,5 cm/6 1/2"

15 mm

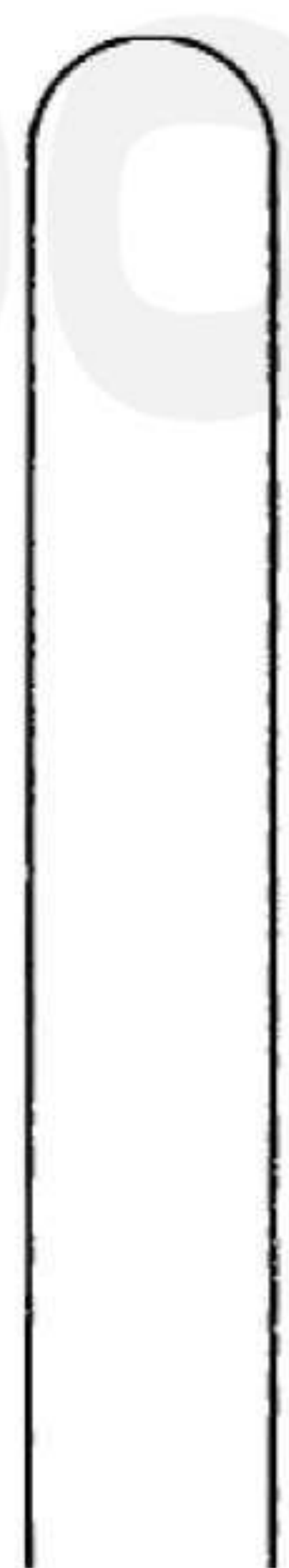


1/2

17 cm/6 3/4"



MI.715.06
6 mm



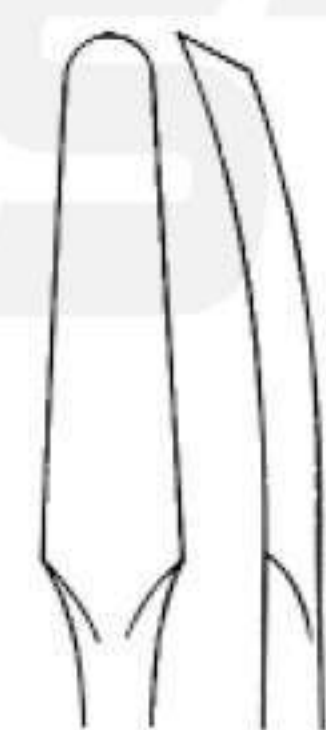
MI.715.08
8 mm

mit Hohlheft
with hollow handle
avec manche creux
con mango hueco
con manico vuoto



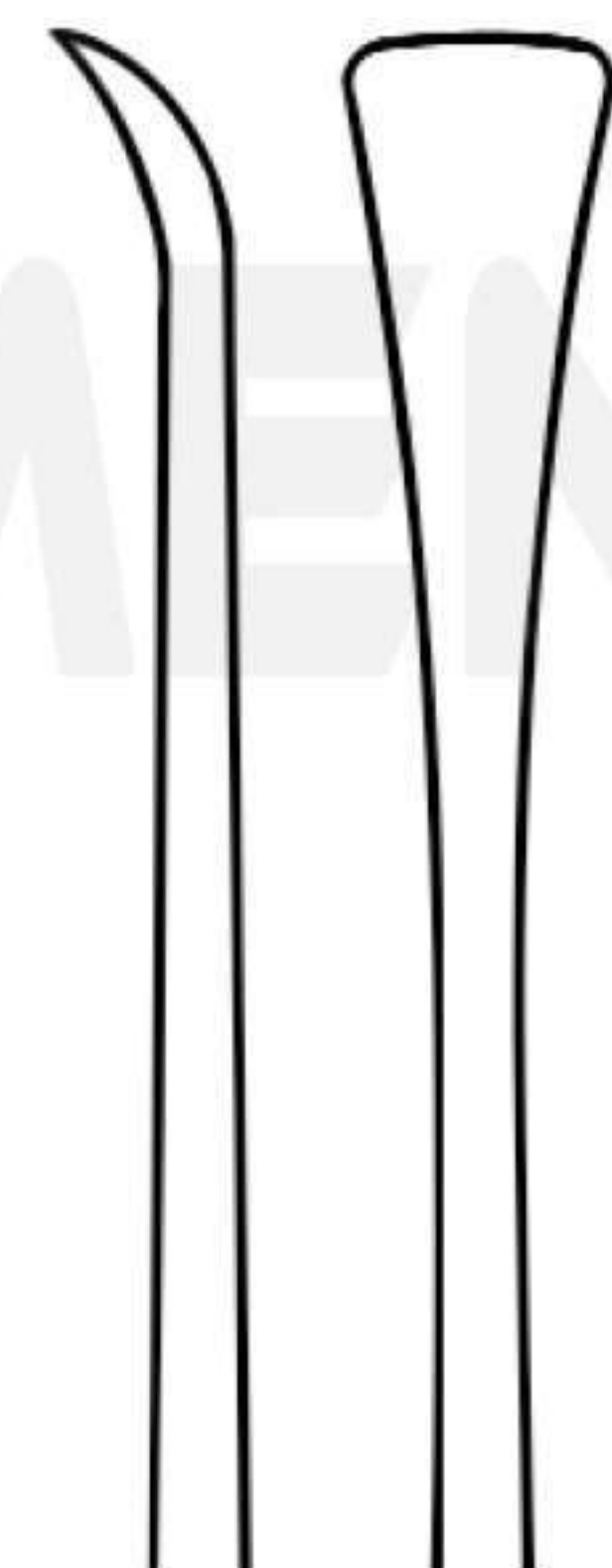
1/2

JOSEPH
MI.716.16
16 cm/6 1/4"
4 mm



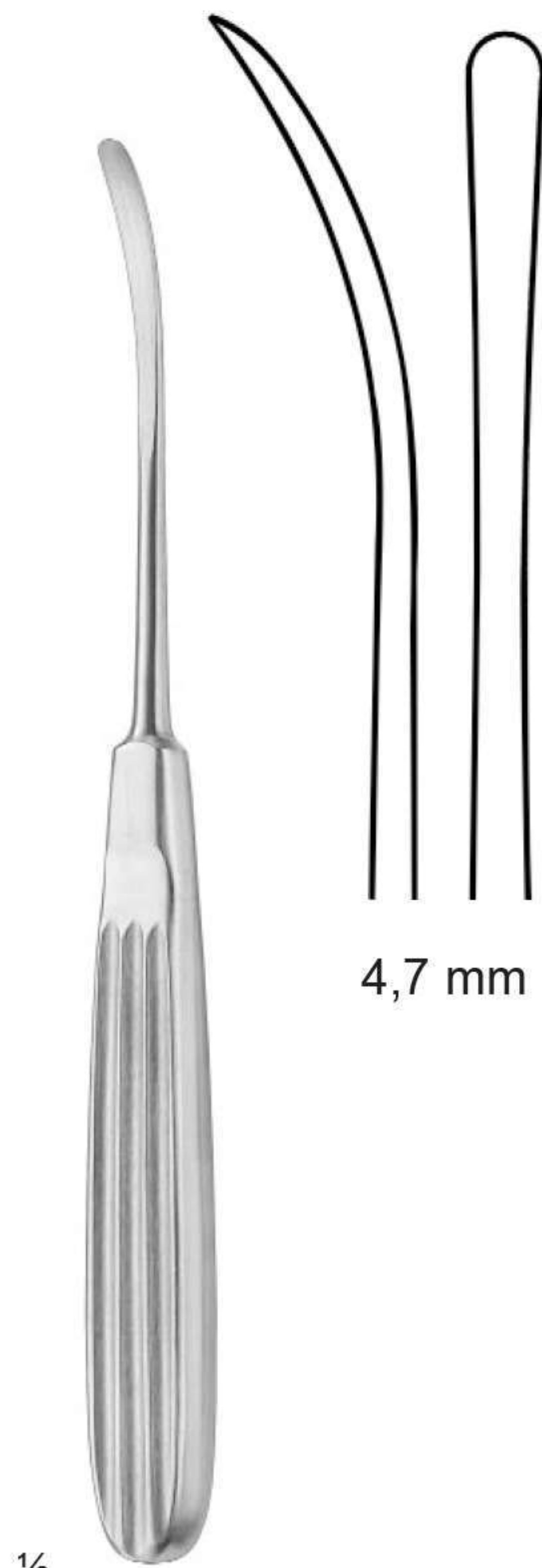
1/2

BUECHS
MI.719.19
19 cm/7 1/2"



9,5 mm

Raspatorien
Periosteal Elevators
Rugines-Raspatoires
Periostótomos
Periostotomi



LANDOLT
MI.740.47
17,5 cm/7"

4,7 mm



CASPAR
18 cm/7"

MI.741.62
6,2 mm

scharf
sharp
aiguë
aguda
acuta



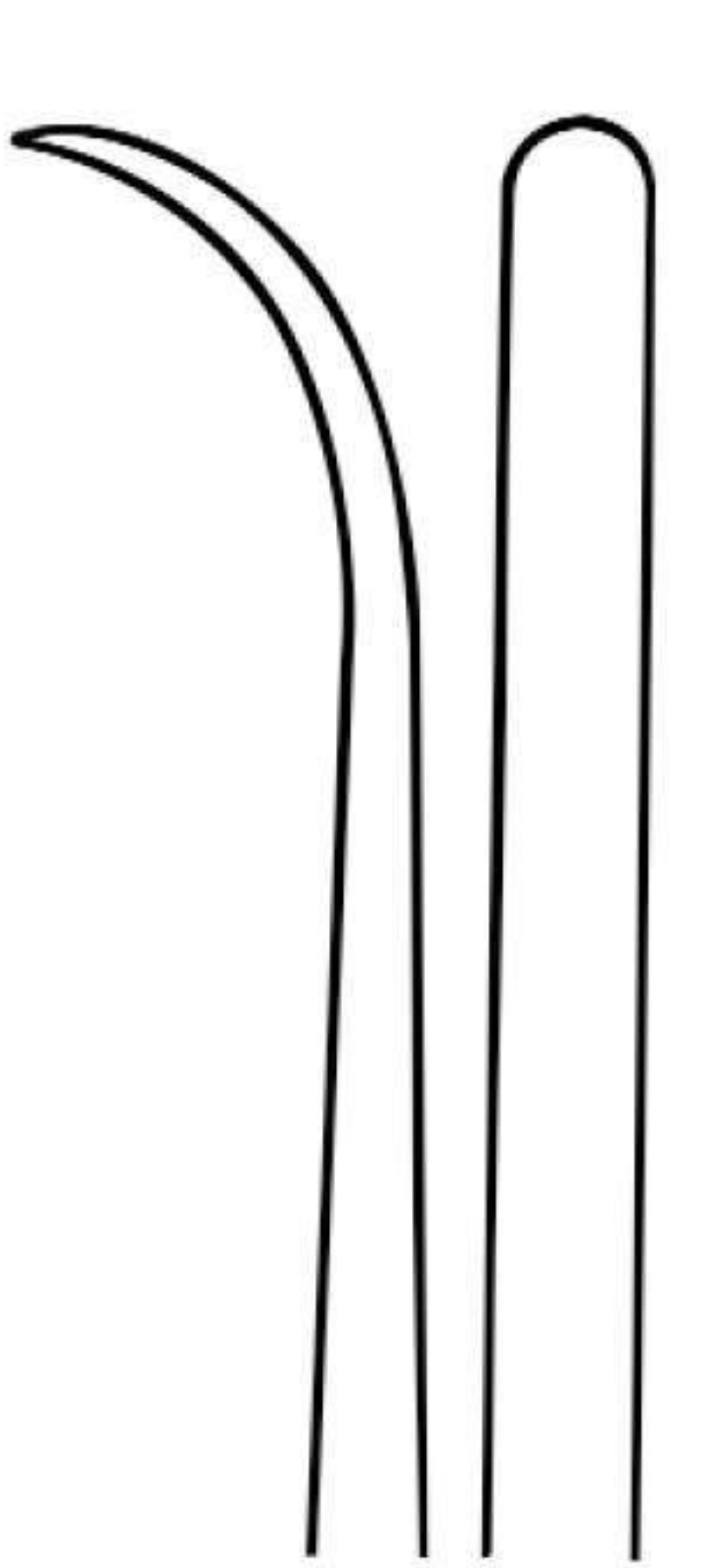
MI.742.62
6,2 mm

stumpf
blunt
mousse
roma
smusso



MI.743.03
3 mm
17 cm/6¾"

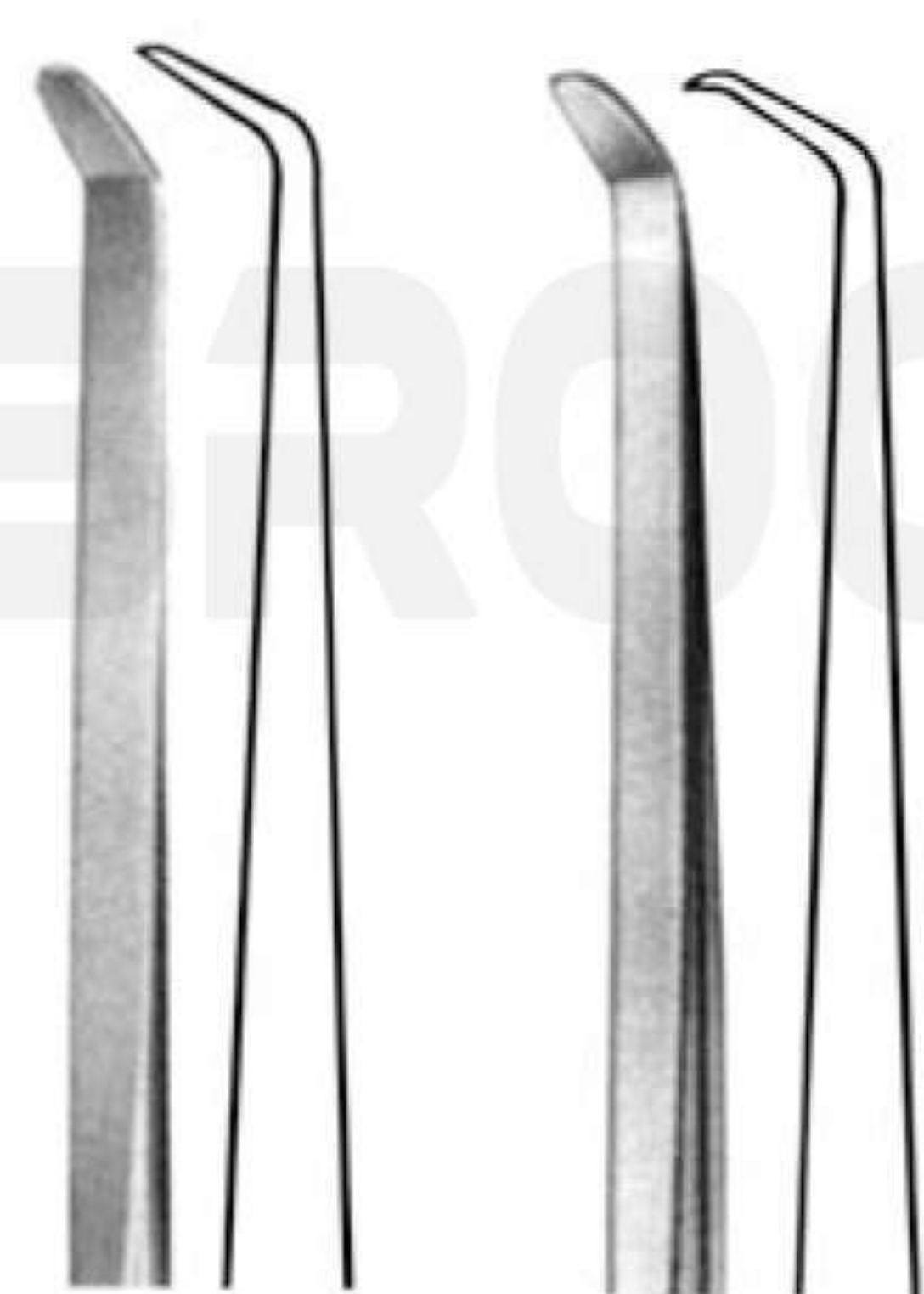
MI.743.03
3 mm



MI.743.06
6 mm



CASPAR
20,5 cm/8"



MI.744.01

MI.744.02

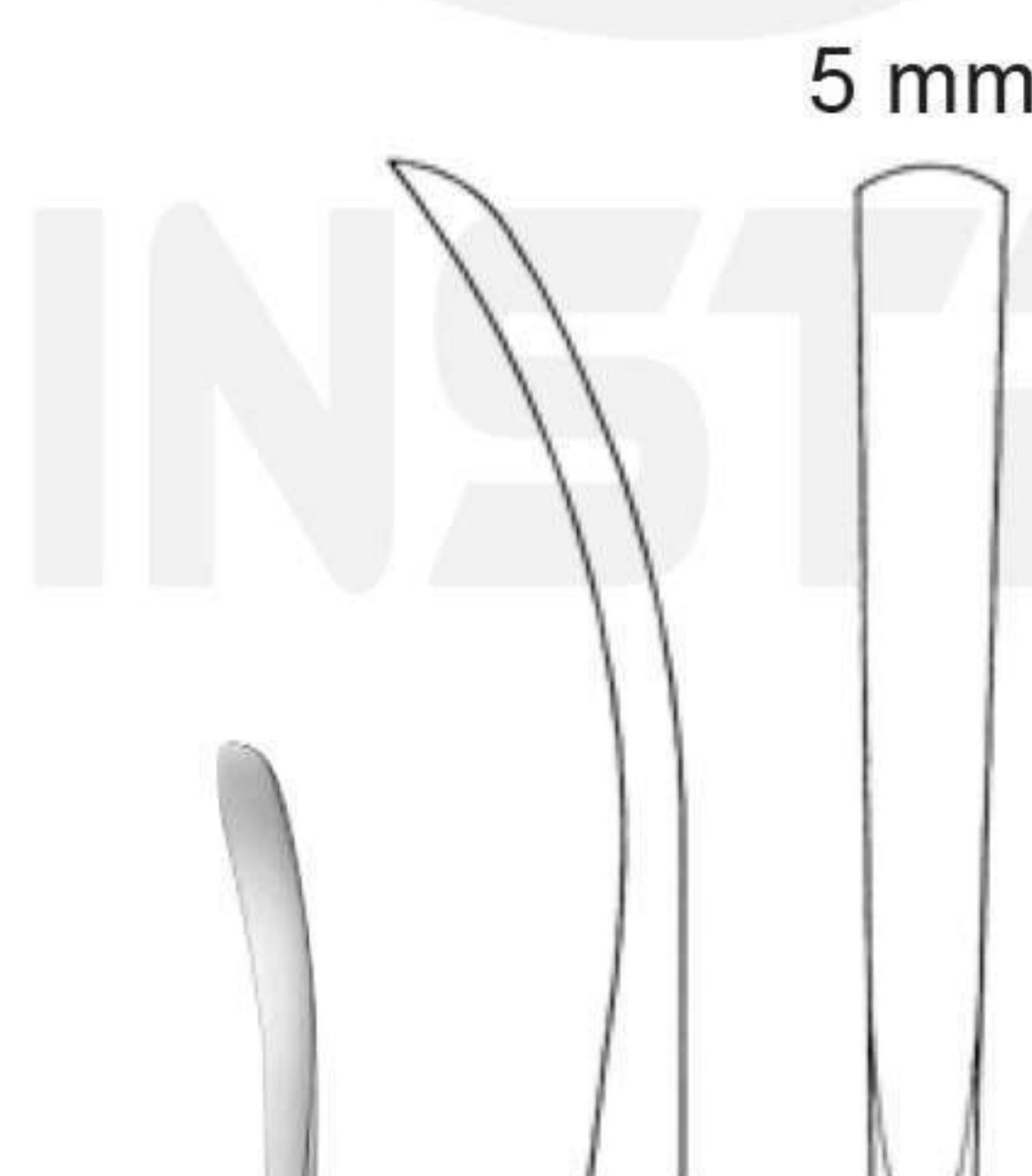
Wirbelkörperdissektoren, hilfreich zum Lösen des posterioren Längsbandes und zur Entfernung von Bandscheibenfragmenten und Osteophyten

Vertebral body dissectors, usable for loosening the posterior longitudinal ligament and removal of disk fragments and osteophytes

Dissecteurs corps vertébral, utilisable pour le relâchement postérieur ligament longitudinal et l'élimination des fragments de disque et osteophytes

Dissectors cuerpo vertebral, utilizable para soltar el ligamento longitudinal posterior y la eliminación de fragmentos de disco y osteophytes

Dissectors corpo vertebrale, utilizzabile per allentare il legamento longitudinale posteriore e la rimozione di frammenti disco e osteophytes



ADSON
MI.730.16

5 mm



6 mm

PENNYBAKER
MI.732.16

16,5 cm/6½"

Mikroelelevatorium
Micro Elevator
Micro-Élévateur
Micro Elevador
Micro Elevatorio

extrem leicht
extremely lightweight
extrêmement léger
extremamente ligero
estremamente leggero

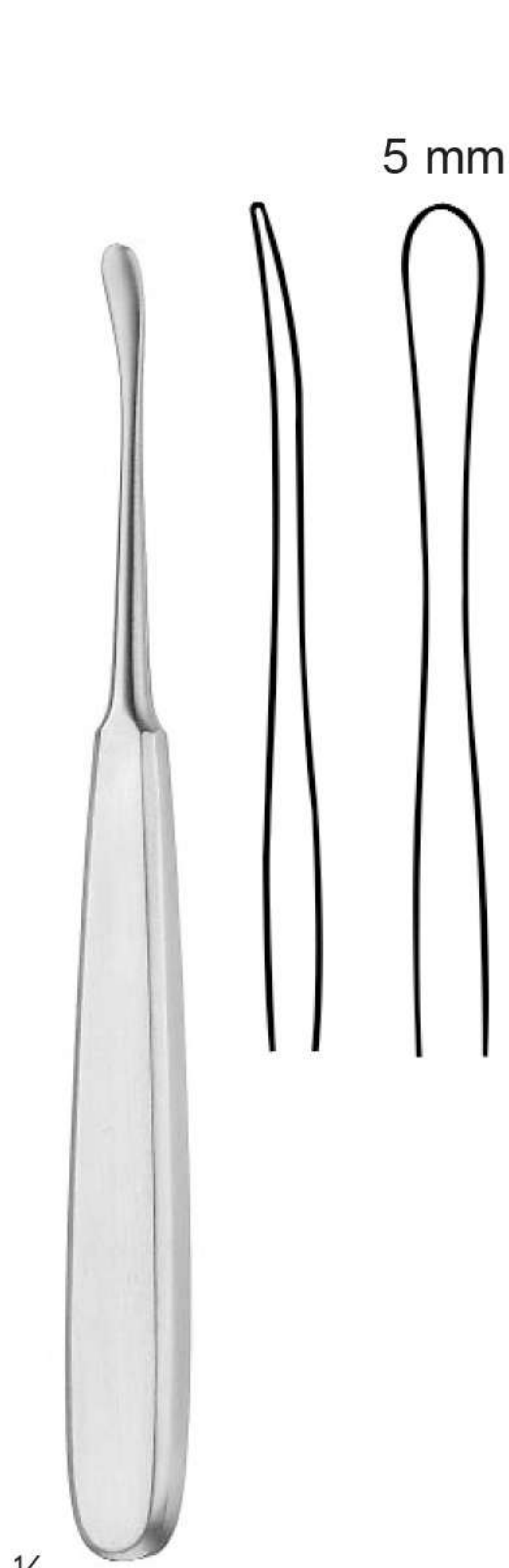


MI.746.16
16 cm/6¼"



MI.746.17
17 cm/6¾"

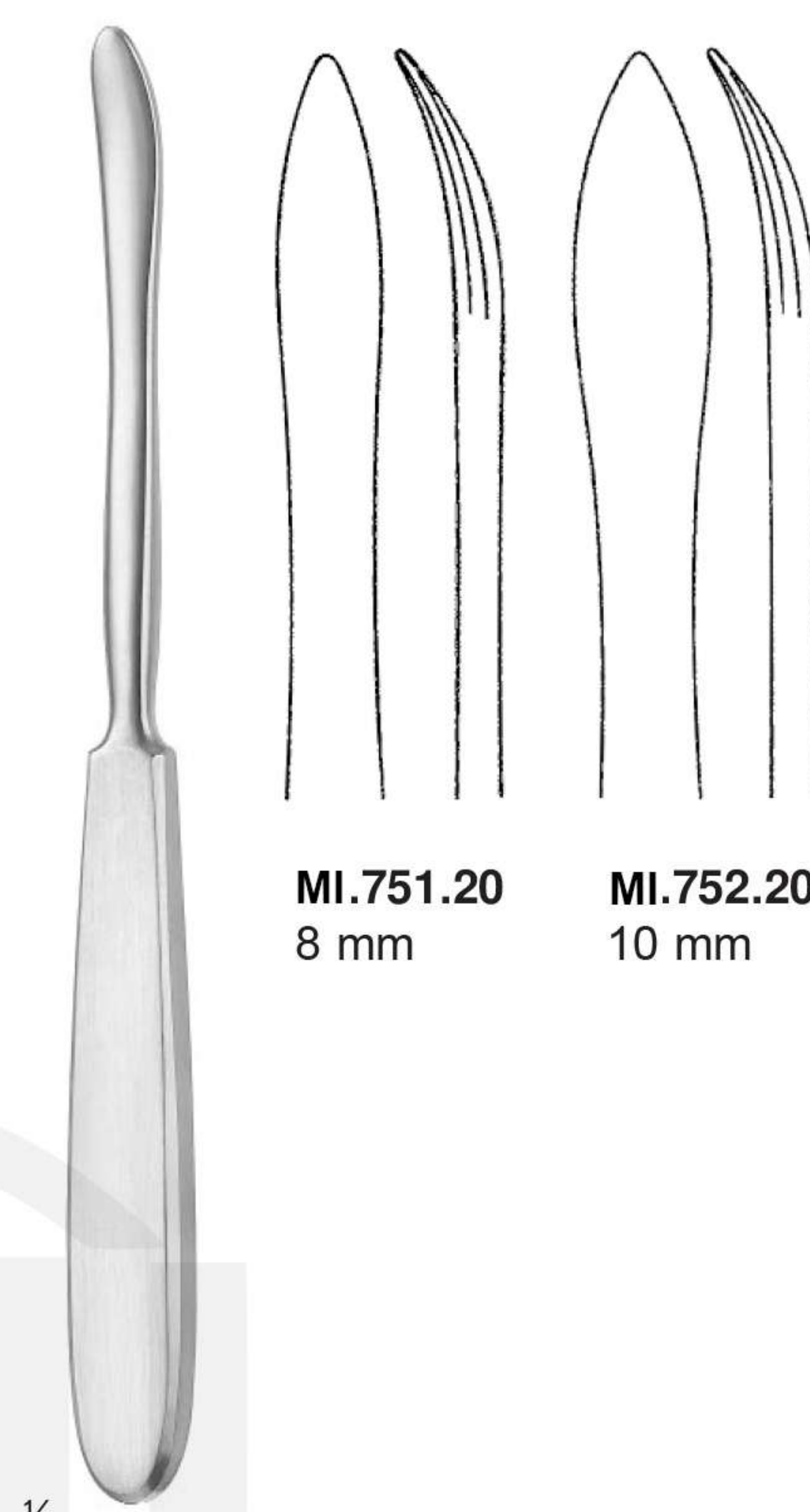
Elevatori, Dissektoren
Elevators, Dissectors
Elévateurs, Dissecteurs
Elevadores, Disectores
Elevatori, Dissettori



SEBILAU
MI.748.17
17 cm/6³/₄"



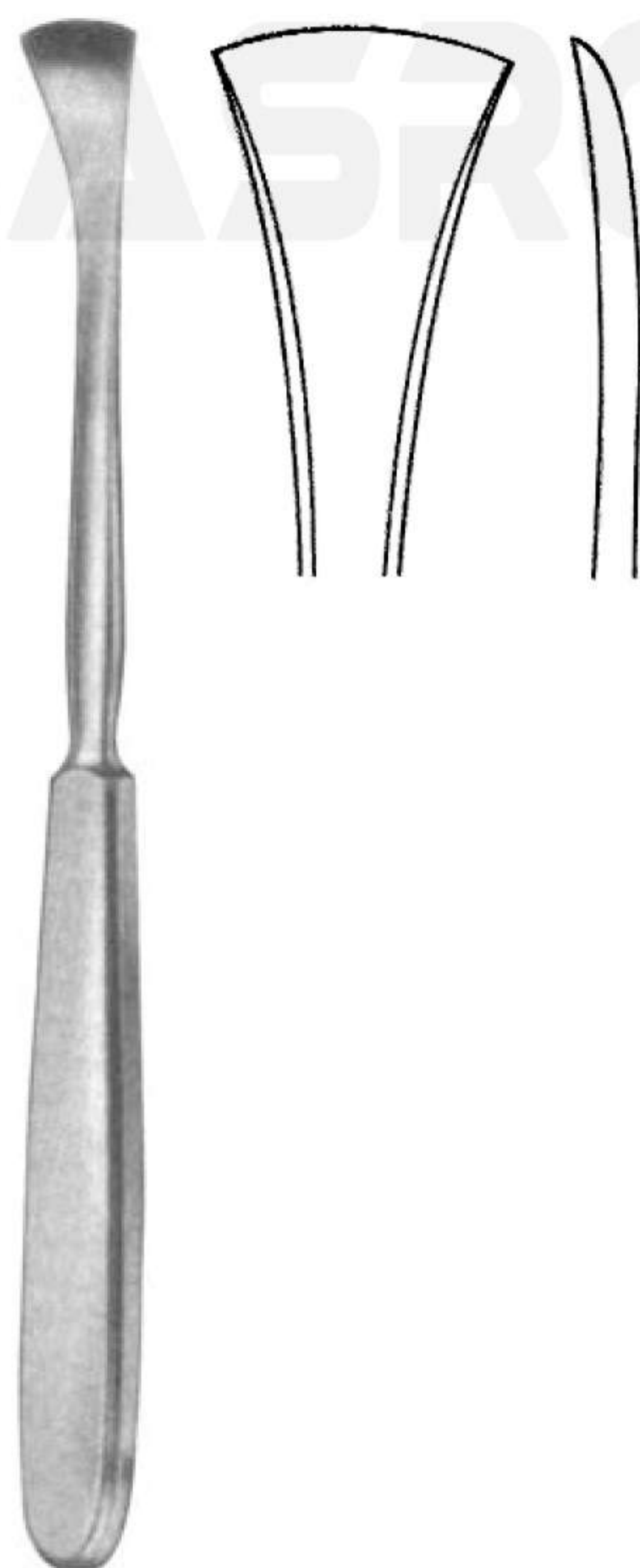
QUERVAIN
MI.750.20
20 cm/8"



MI.751.20
8 mm

MI.752.20
10 mm

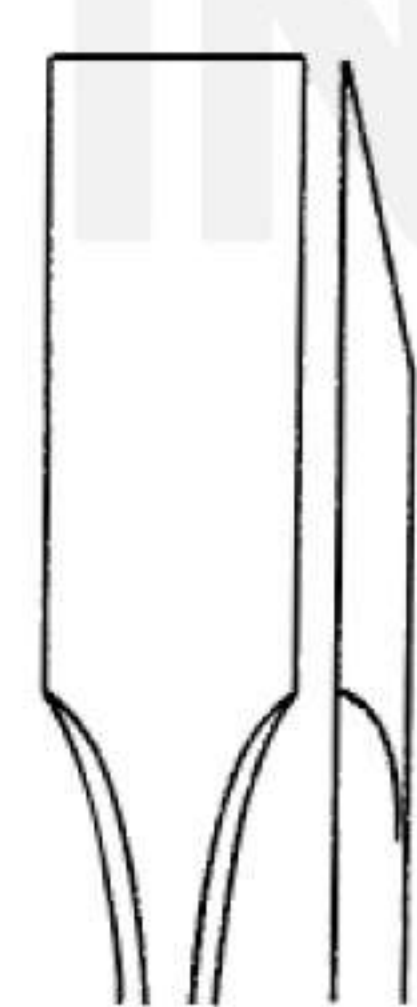
LANGENBECK
20 cm/8"



LANGENBECK
MI.753.20
19,5 cm/7³/₄"



ADSON
17 cm/6³/₄"



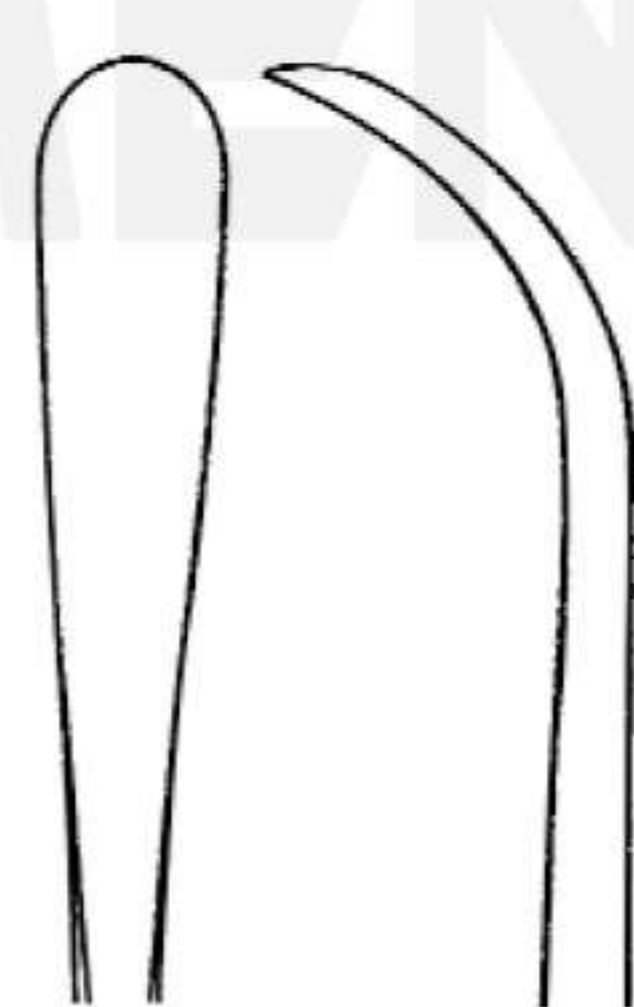
MI.754.17



MI.755.17

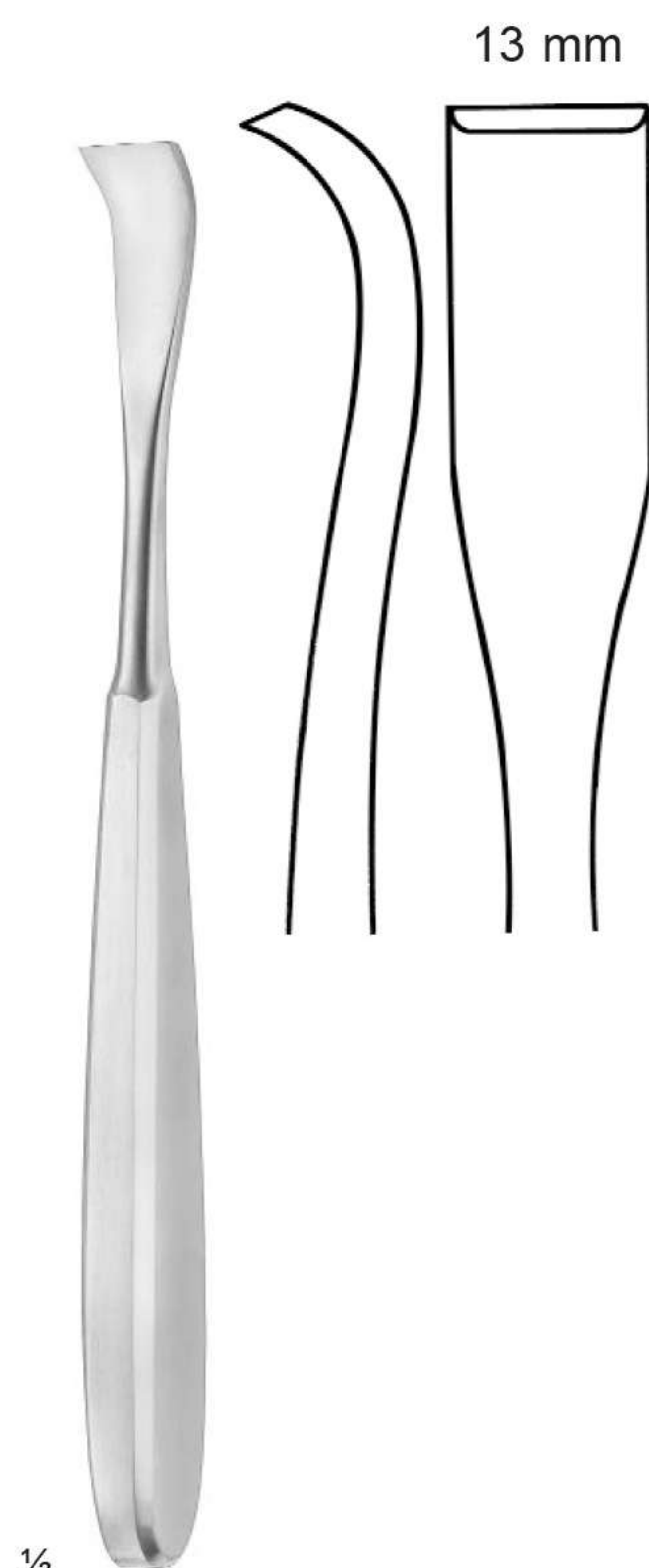


MI.756.17
7 mm

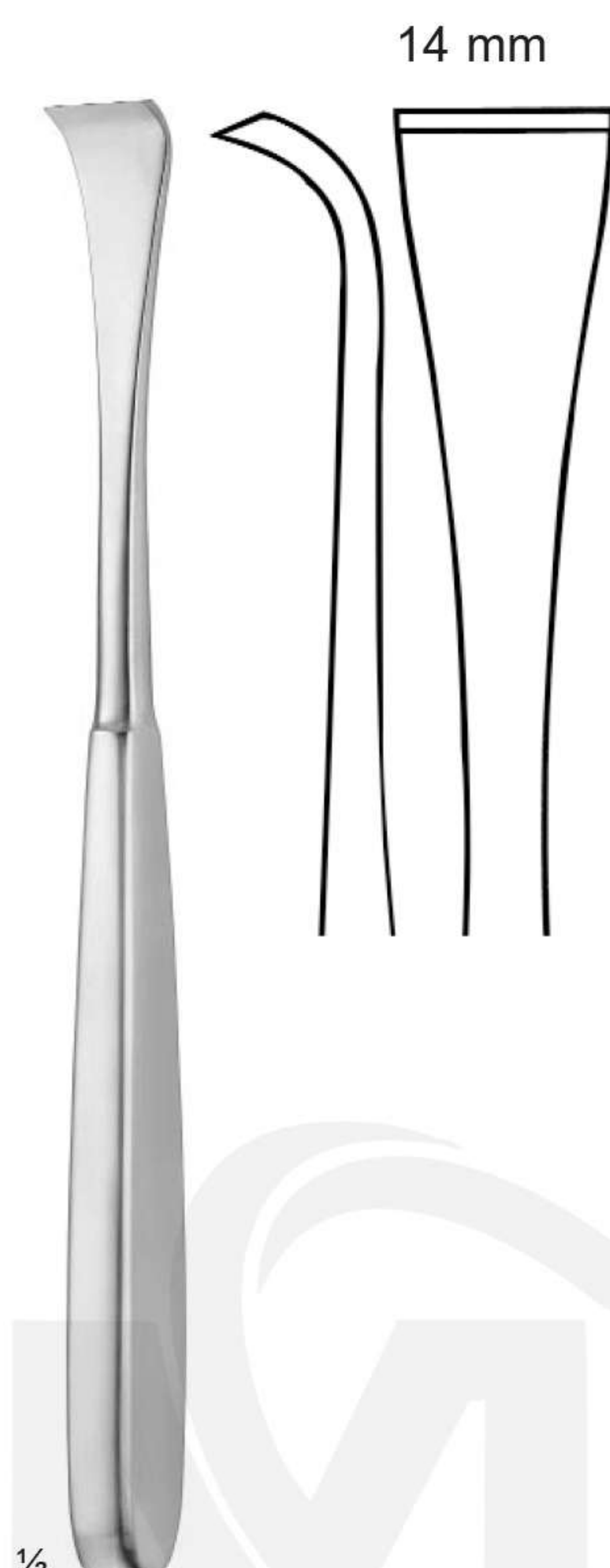


MI.757.17

Elevatori, Dissektoren
Elevators, Dissectors
Elévateurs, Dissecteurs
Elevadores, Disectores
Elevatori, Dissettori



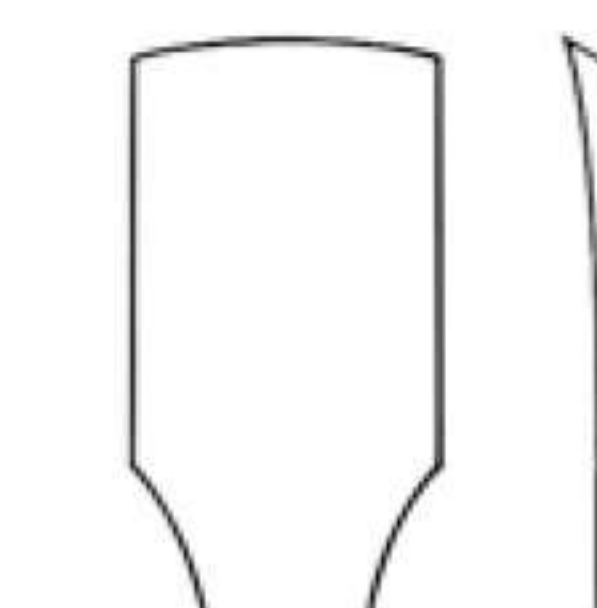
SCHNEIDER
MI.758.17
17,5 cm/6³/₄"



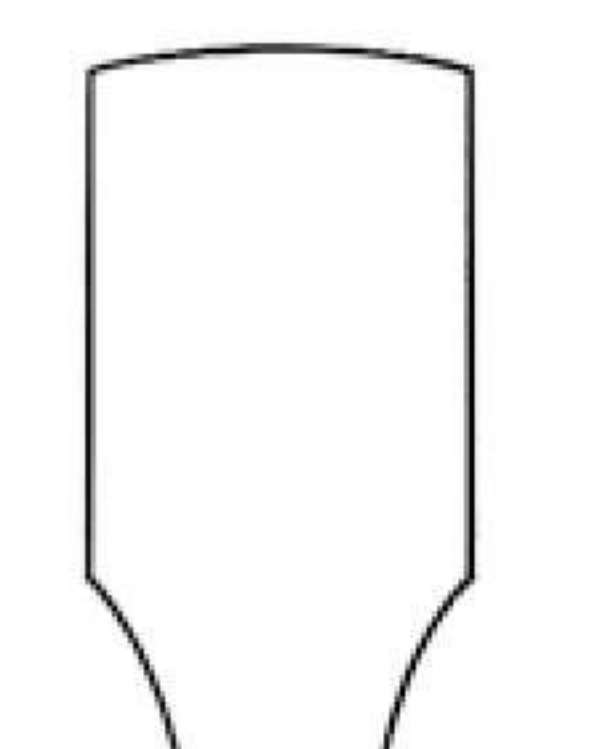
SCHNEIDER SAUERBR
MI.758.19
19 cm/7¹/₂"



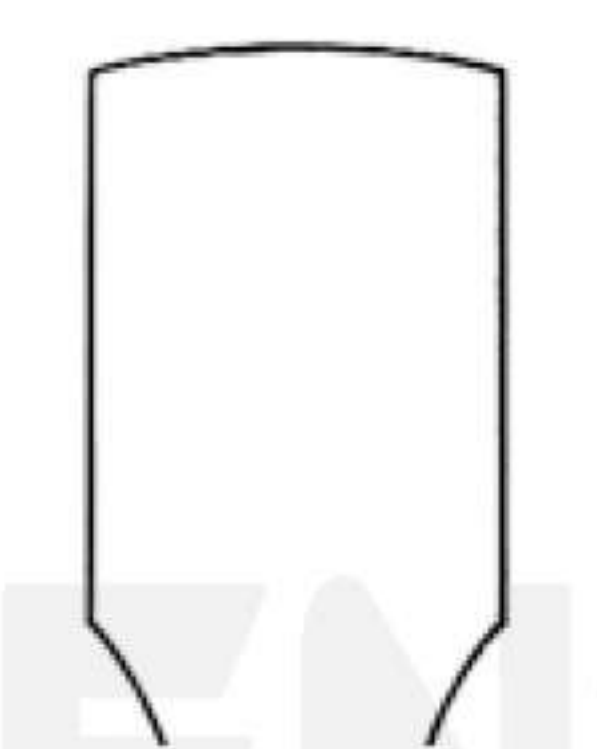
MI.759.06
6 mm



MI.759.10
10 mm



MI.759.12
12 mm



MI.759.13
13 mm



MI.759.19
19 mm



MI.759.25
25 mm



CUSHING
(LITTLE-JOKER)
MI.760.15
15 cm/6"



CUSHING
(LITTLE-JOKER)
MI.761.19
19 cm/7¹/₂"

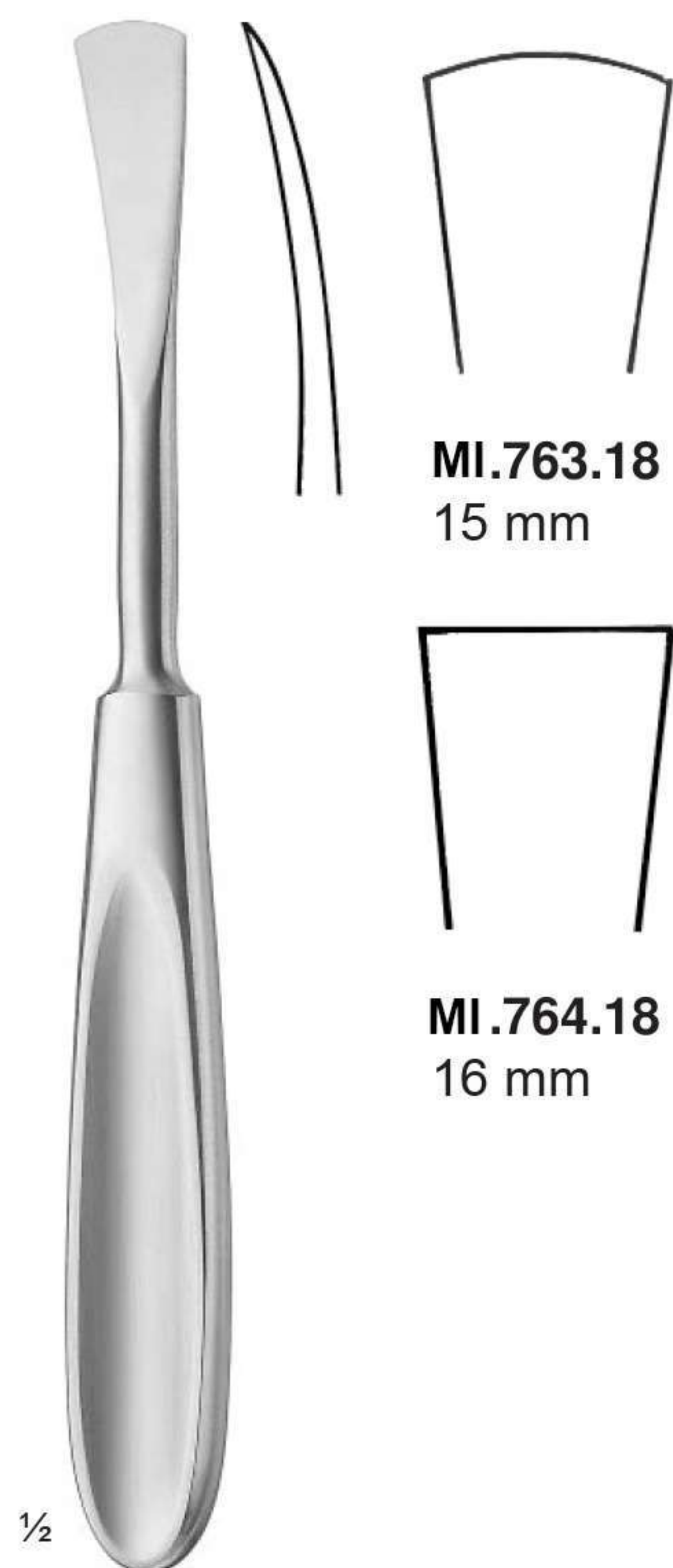


CUSHING
MI.762.19
19,5 cm/7³/₄"



KEY
19 cm/7¹/₂"

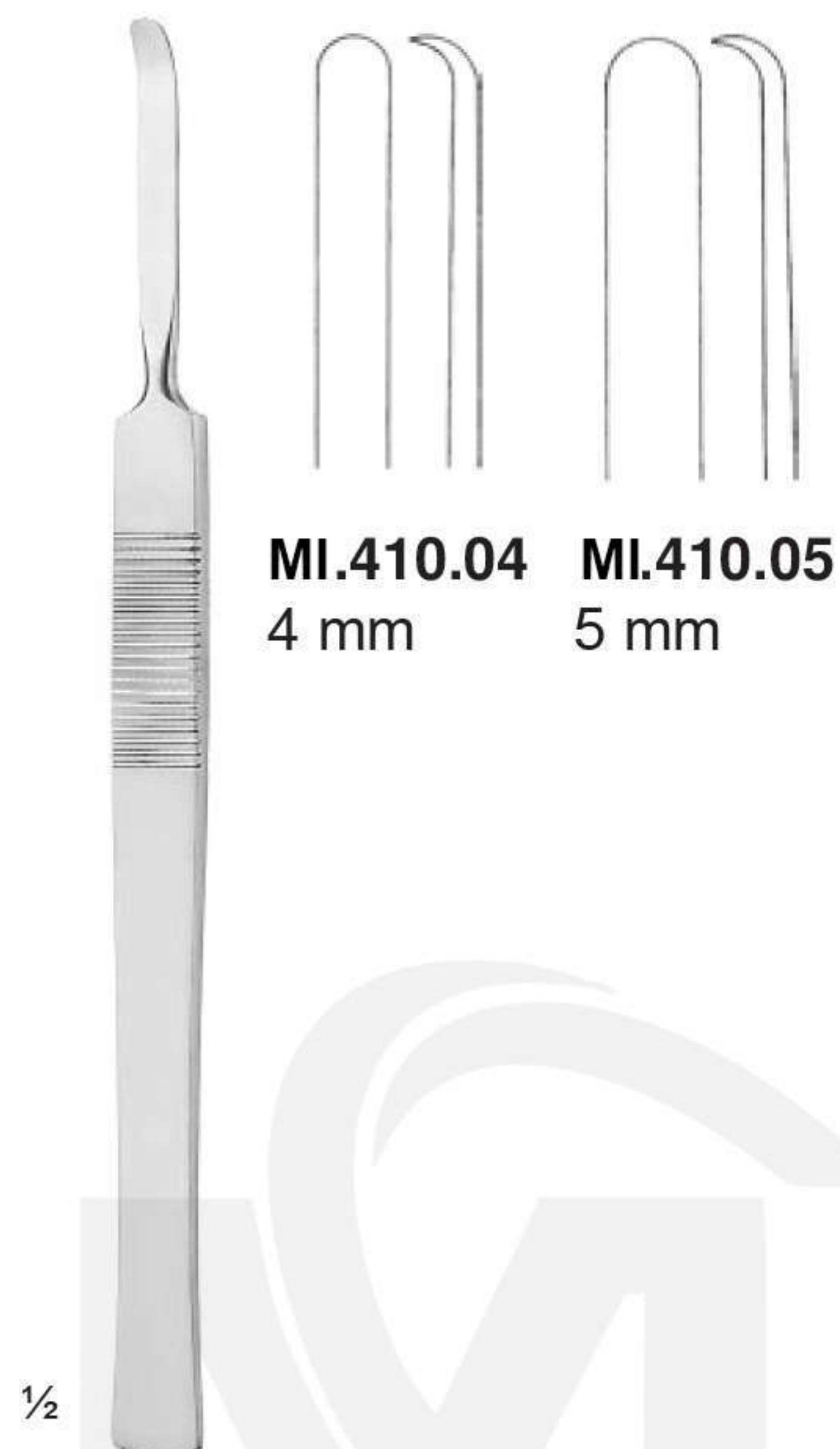
Elevatoriën, Dissektoren
Elevators, Dissectors
Elévateurs, Dissecteurs
Elevadores, Disectores
Elevatori, Dissettori



MI.763.18
15 mm

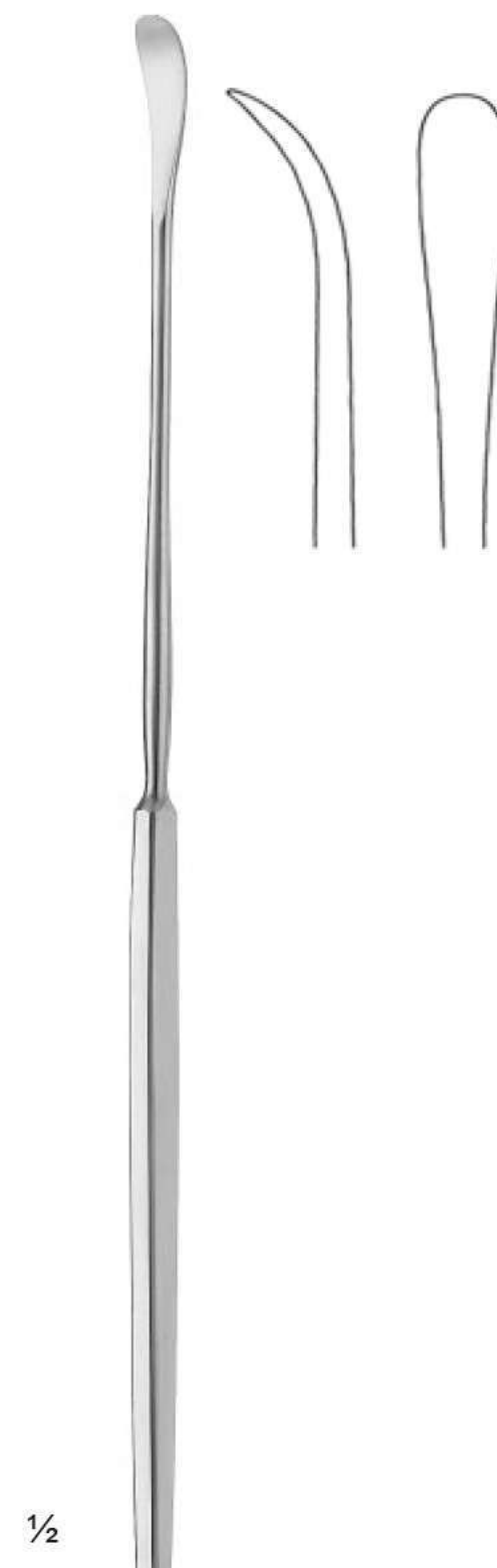
MI.764.18
16 mm

CUSHING
18 cm/7"

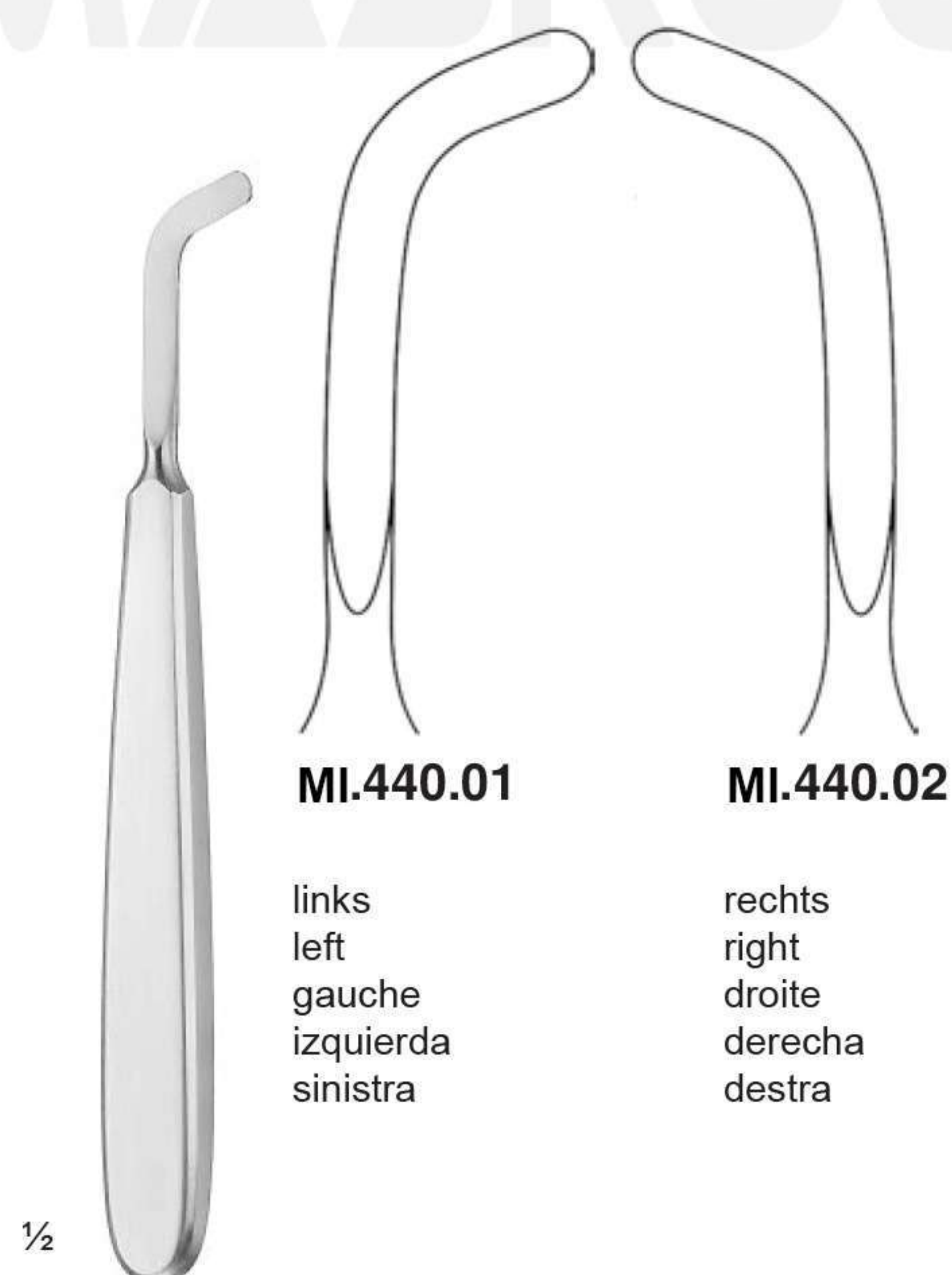


MI.410.04 **MI.410.05**
4 mm 5 mm

McKENTY
15 cm/6"



SEWALL
MI.436.20
20 cm/8"



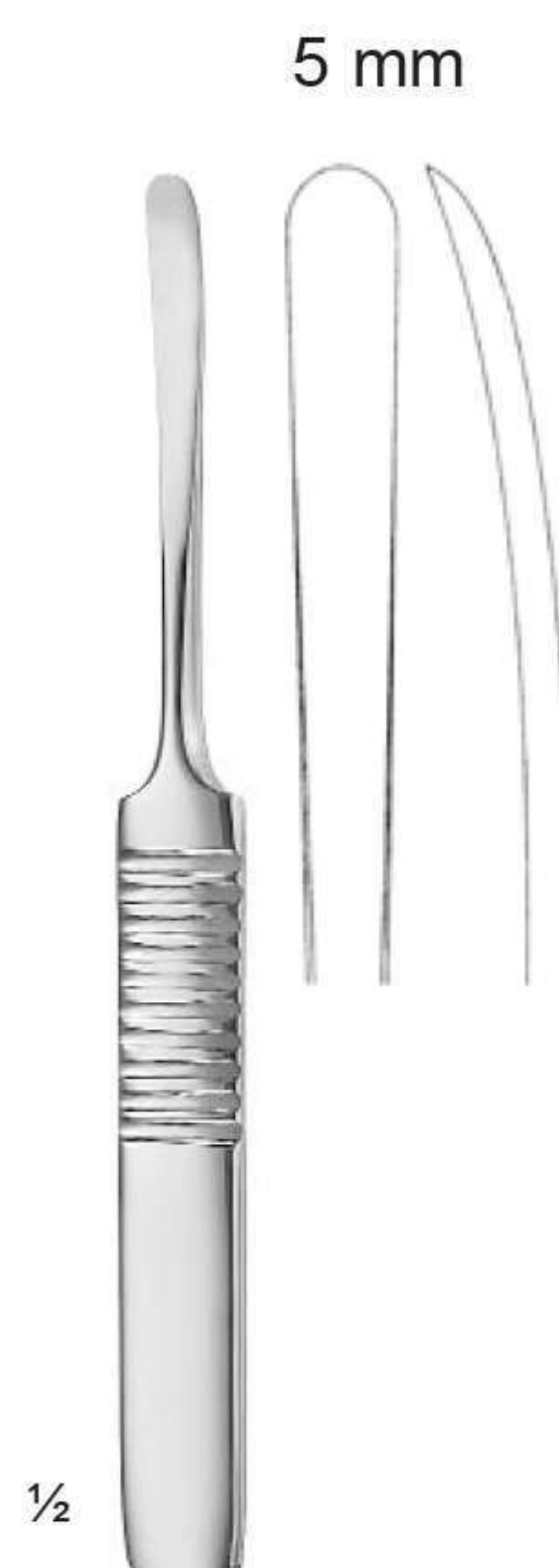
MI.440.01

MI.440.02

links
left
gauche
izquierda
sinistra

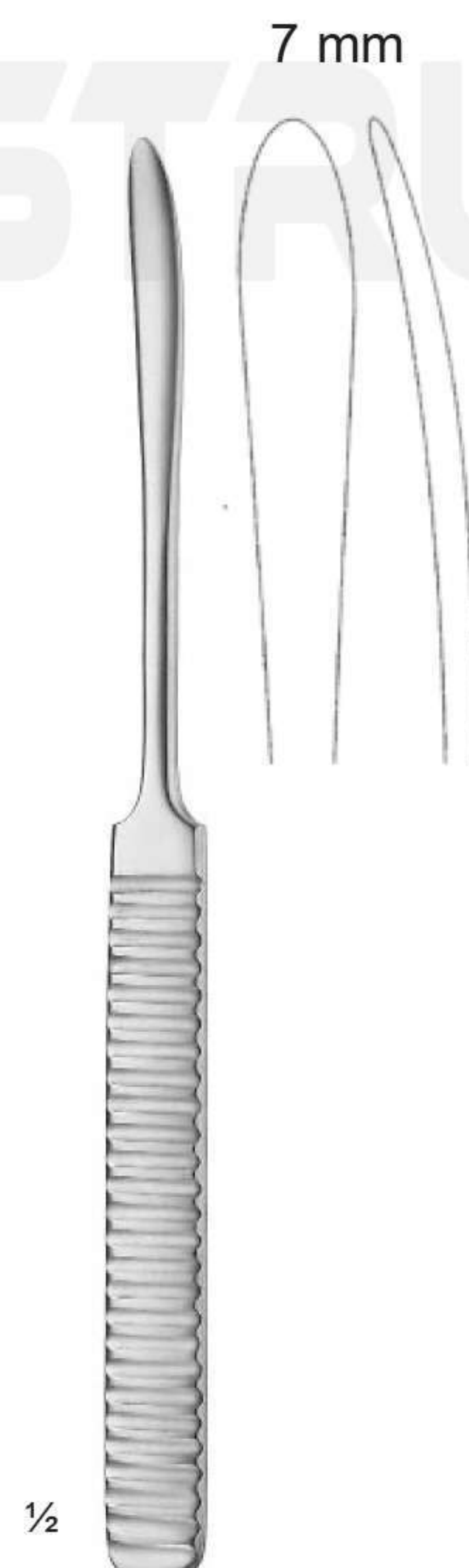
rechts
right
droite
derecha
destra

14 cm/5½"



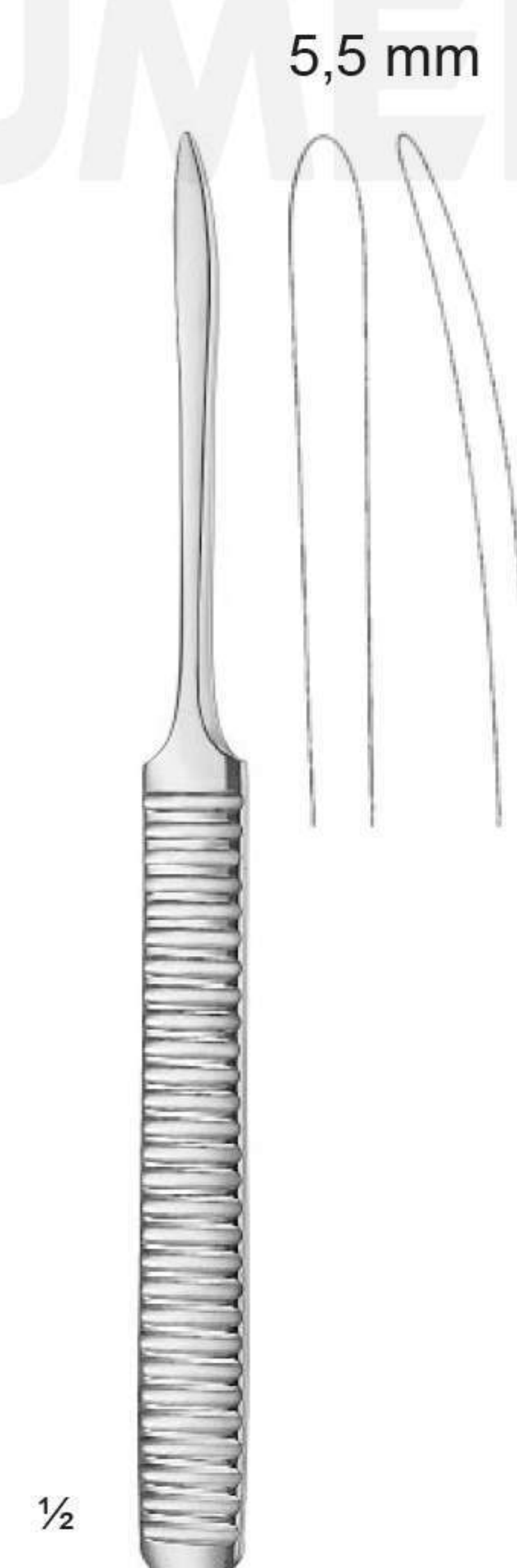
5 mm

WILLIGER
MI.897.13
13 cm/5"



7 mm

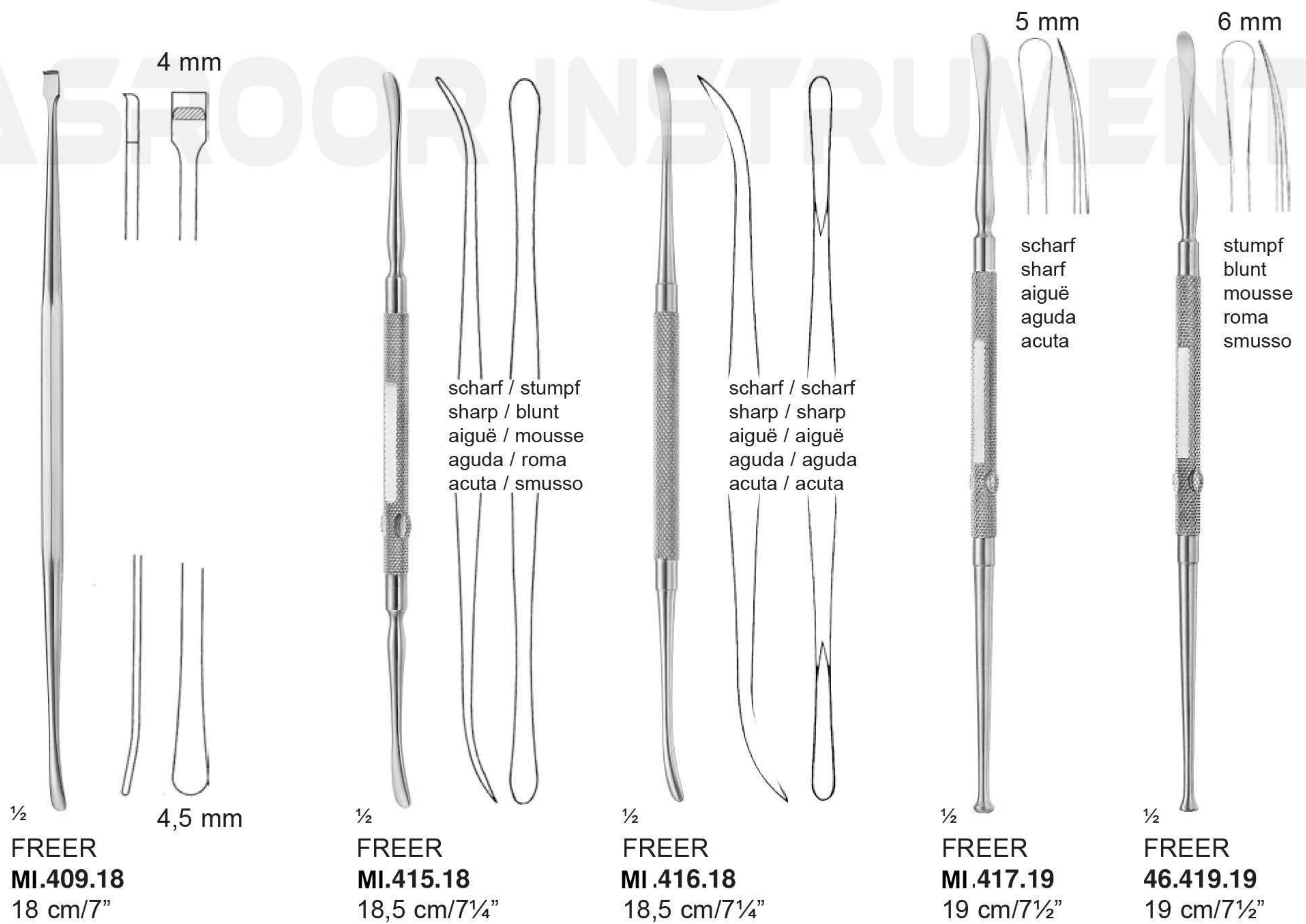
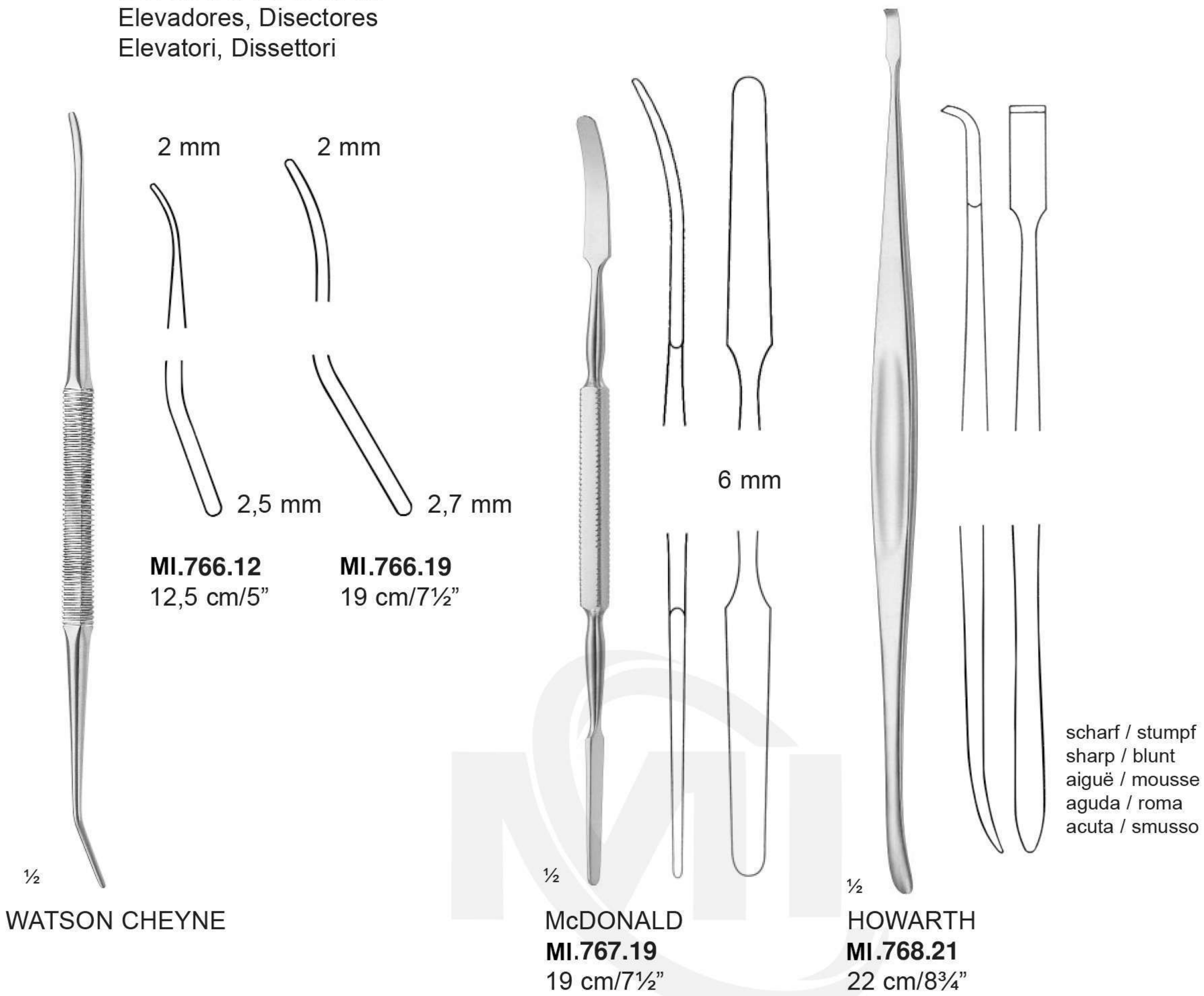
WILLIGER
MI.898.17
17 cm/6¾"



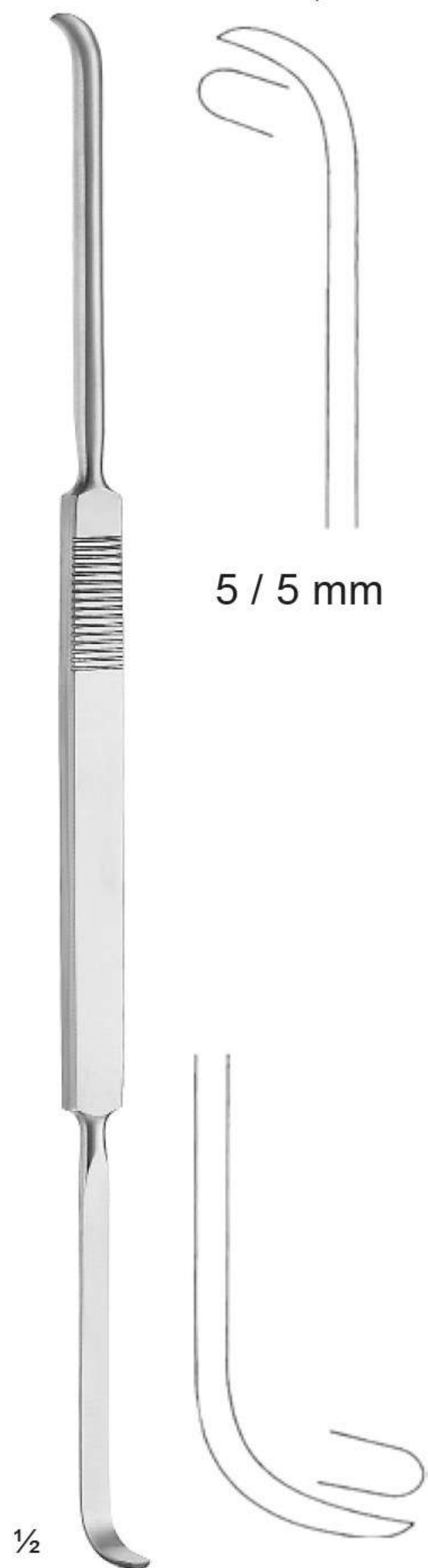
5,5 mm

WILLIGER
MI.899.16
16 cm/6¼"

Elevatoren, Dissektoren
Elevators, Dissectors
Elévateurs, Dissecteurs
Elevadores, Disectores
Elevatori, Dissettori



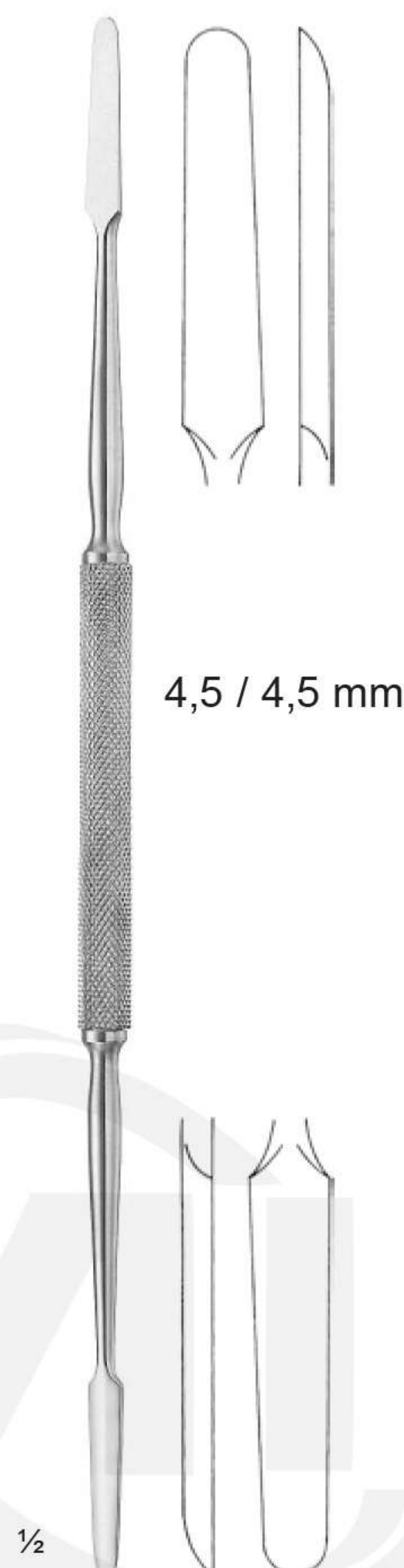
Elevatoren, Doppeldissektoren
Elevators, Dissectors, double-ended
Élévateurs, Dissecteurs doubles
Elevadores, Disectores dobles
Elevatori, Dissettori doppi



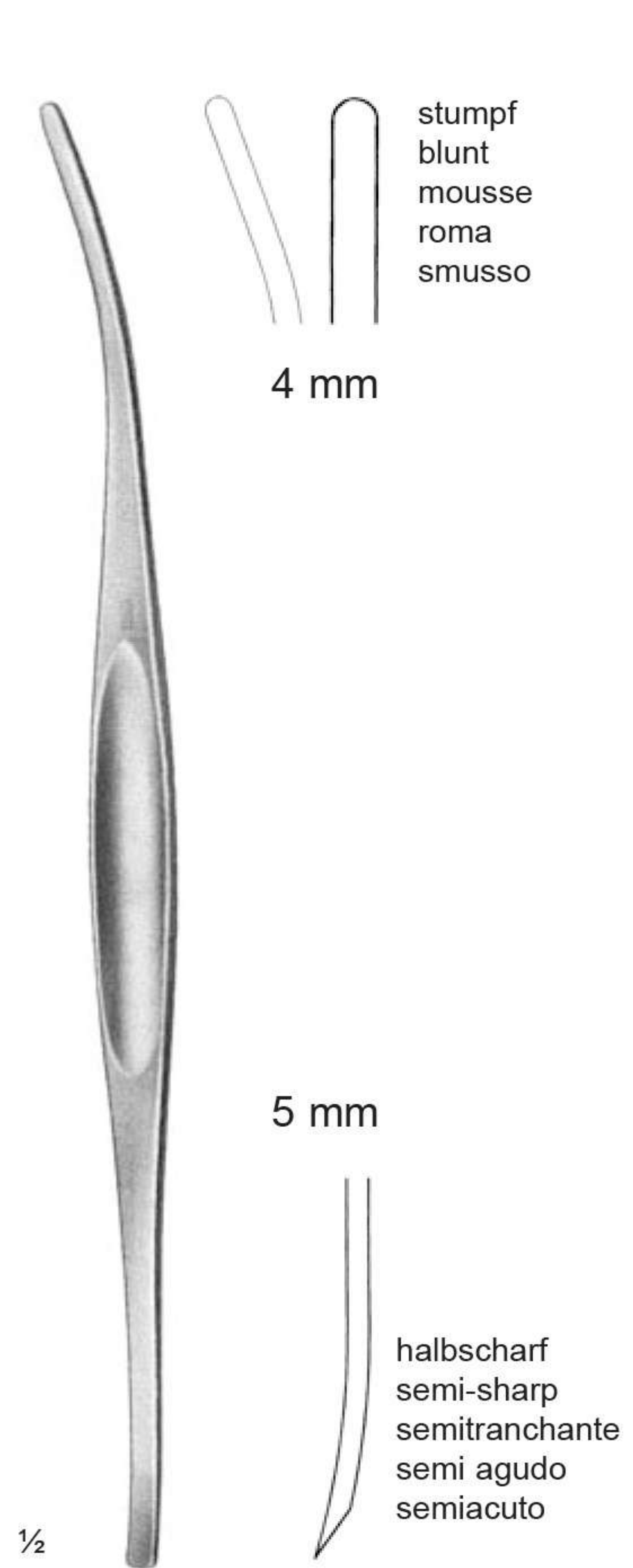
COTTLE
MI.421.23
23,5 cm/9¼"



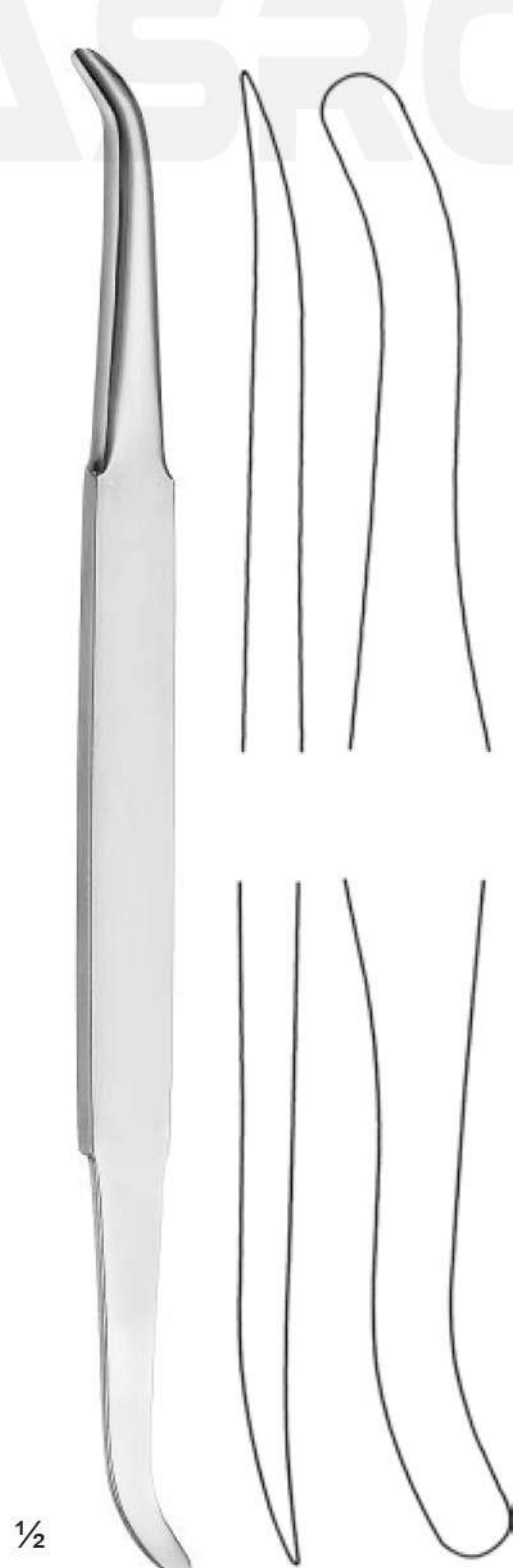
COTTLE
MI.426.18
18 cm/7"



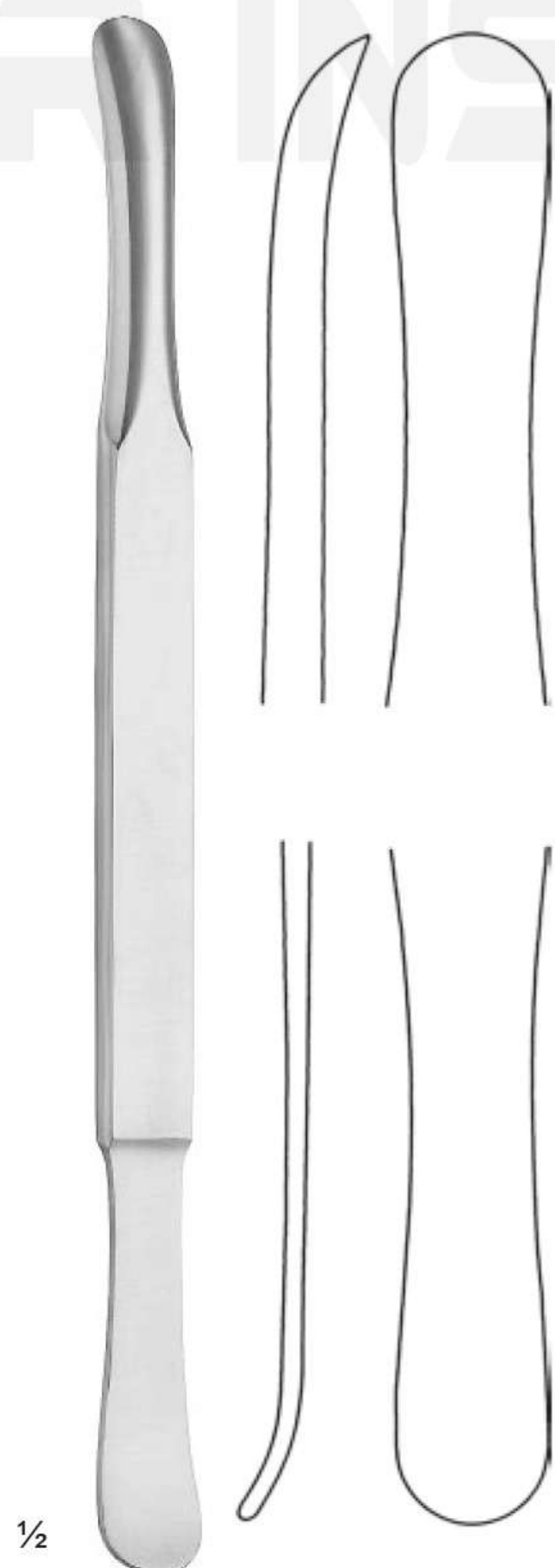
COTTLE
MI.426.22
23 cm/9"



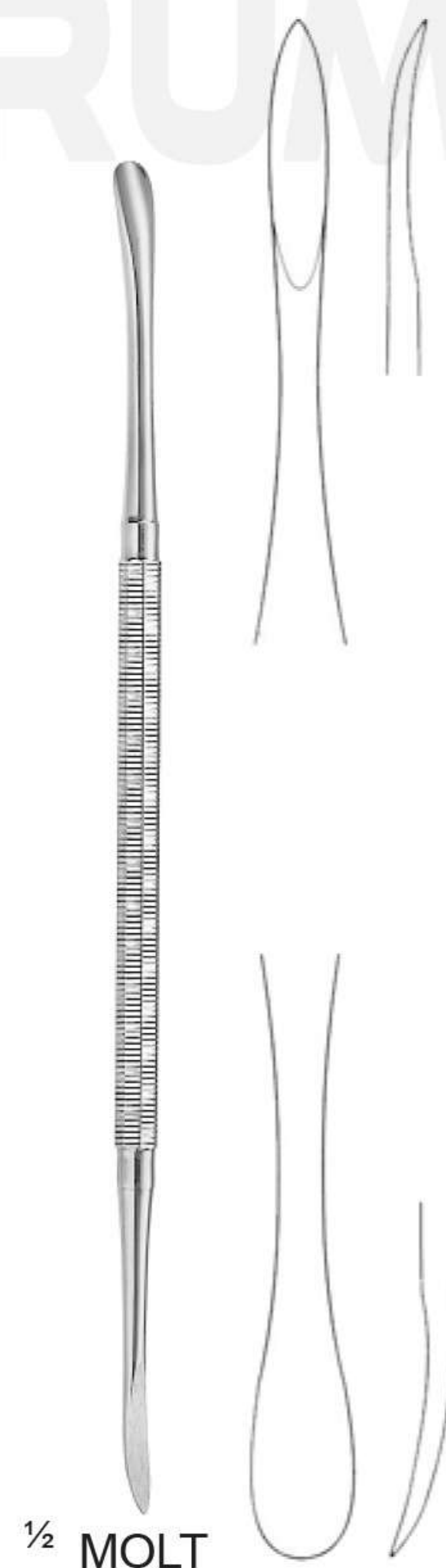
COTTLE
MI.432.22
22 cm/8¾"



SELDIN
MI.905.22
19 cm/7½"

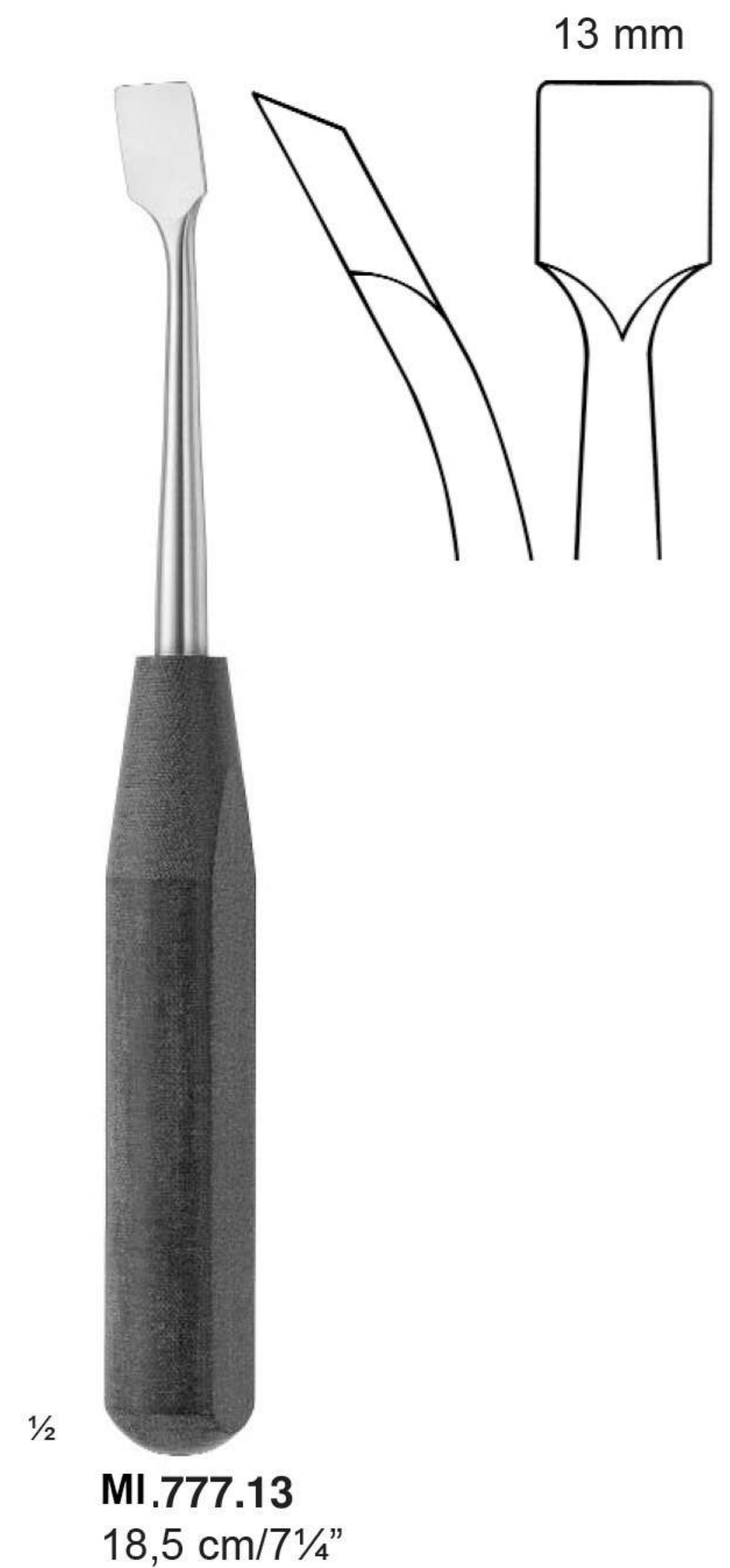


SELDIN
MI.905.22
19 cm/7½"



MOLT
MI.910.09
18 cm/7"
Nr. 9

Raspatorien
Periosteal Elevators
Rugines-Raspatoires
Periostótomos
Periostotomi



Raspeln, Knochenhebel
Rasps, Bone Levers
Râpes, Leviers à os
Escofinas, Elevadores para hueso
Raspe, Elevatori per ossa

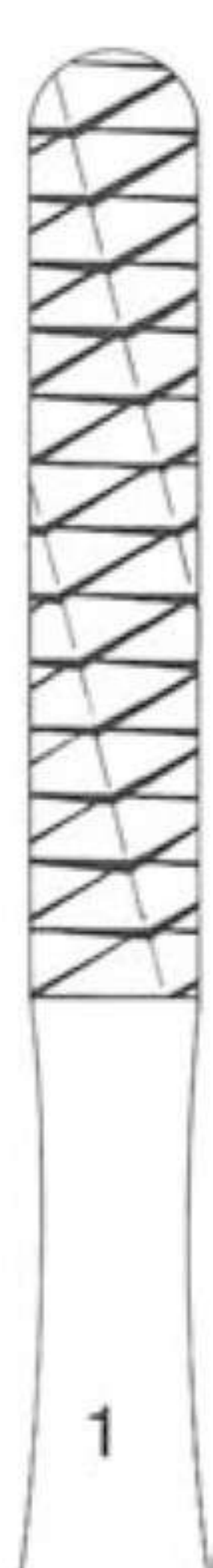
Raspeln
Rasps
Râpes
Escofinas
Raspe

Knochenhebel
Bone Levers
Leviers à os
Elevadores para hueso
Elevatori per ossa

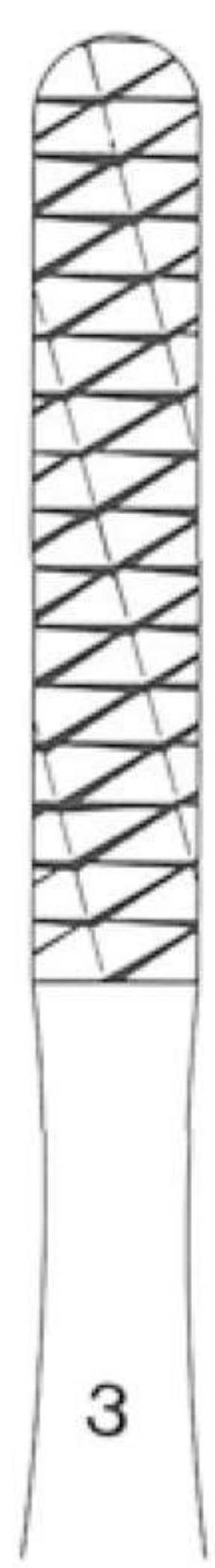
Mit TC-Einsätzen
TC Lined
A mors TC
Con bocas TC
Con morso TC



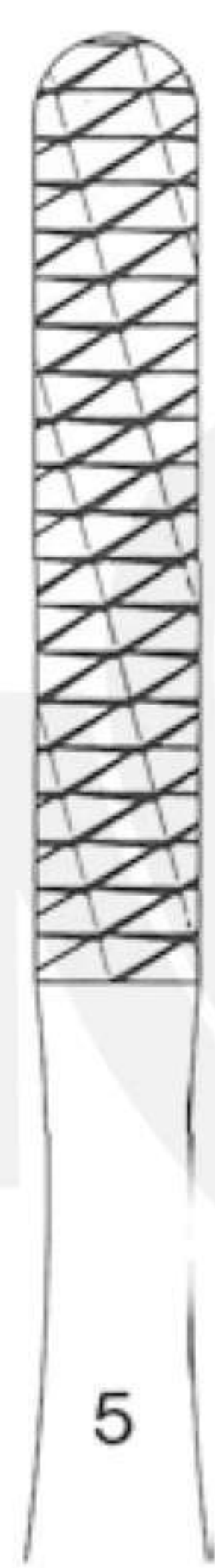
FOMON
20 cm/8"



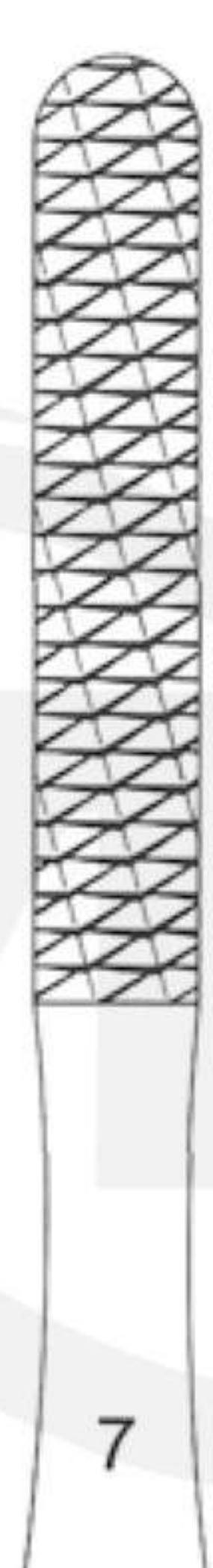
MI.522.01
Fig. 1/2



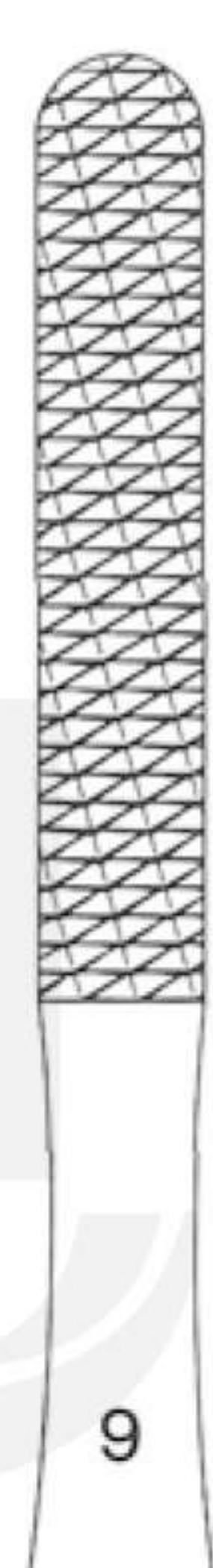
MI.522.03
Fig. 3/4



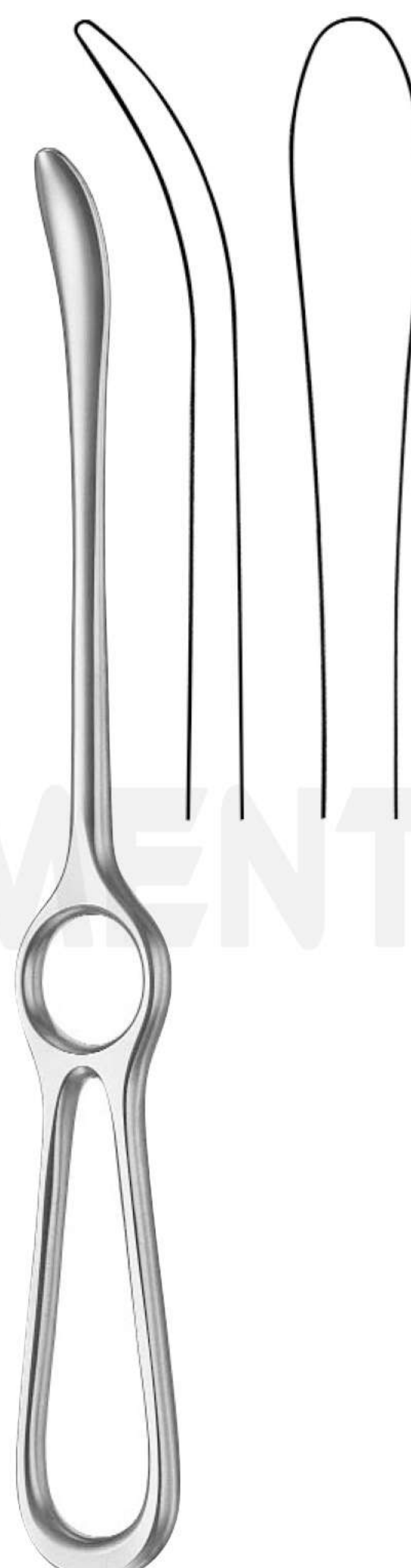
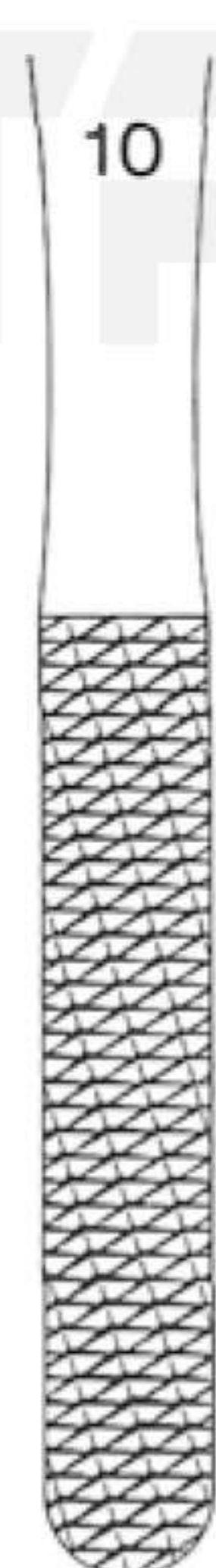
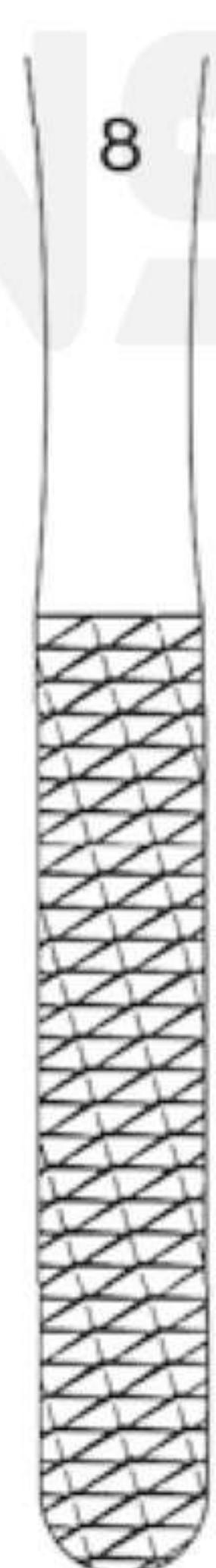
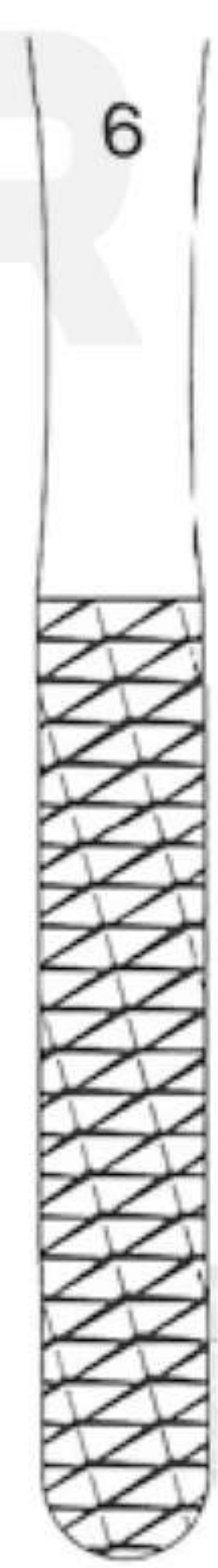
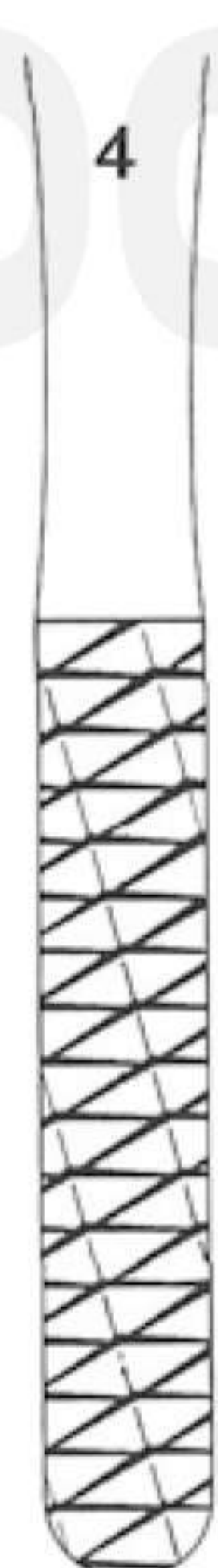
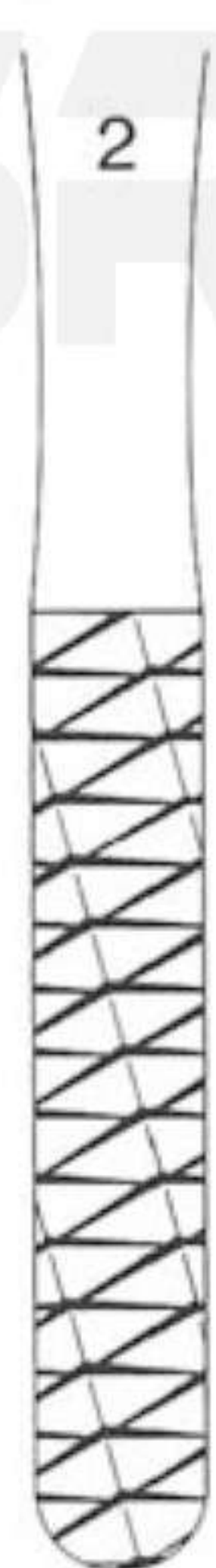
MI.522.05
Fig. 5/6



MI.522.07
Fig. 7/8



MI.522.09
Fig. 9/10



$\frac{1}{2}$ LANE
MI.835.27
23 cm/9"
11 mm

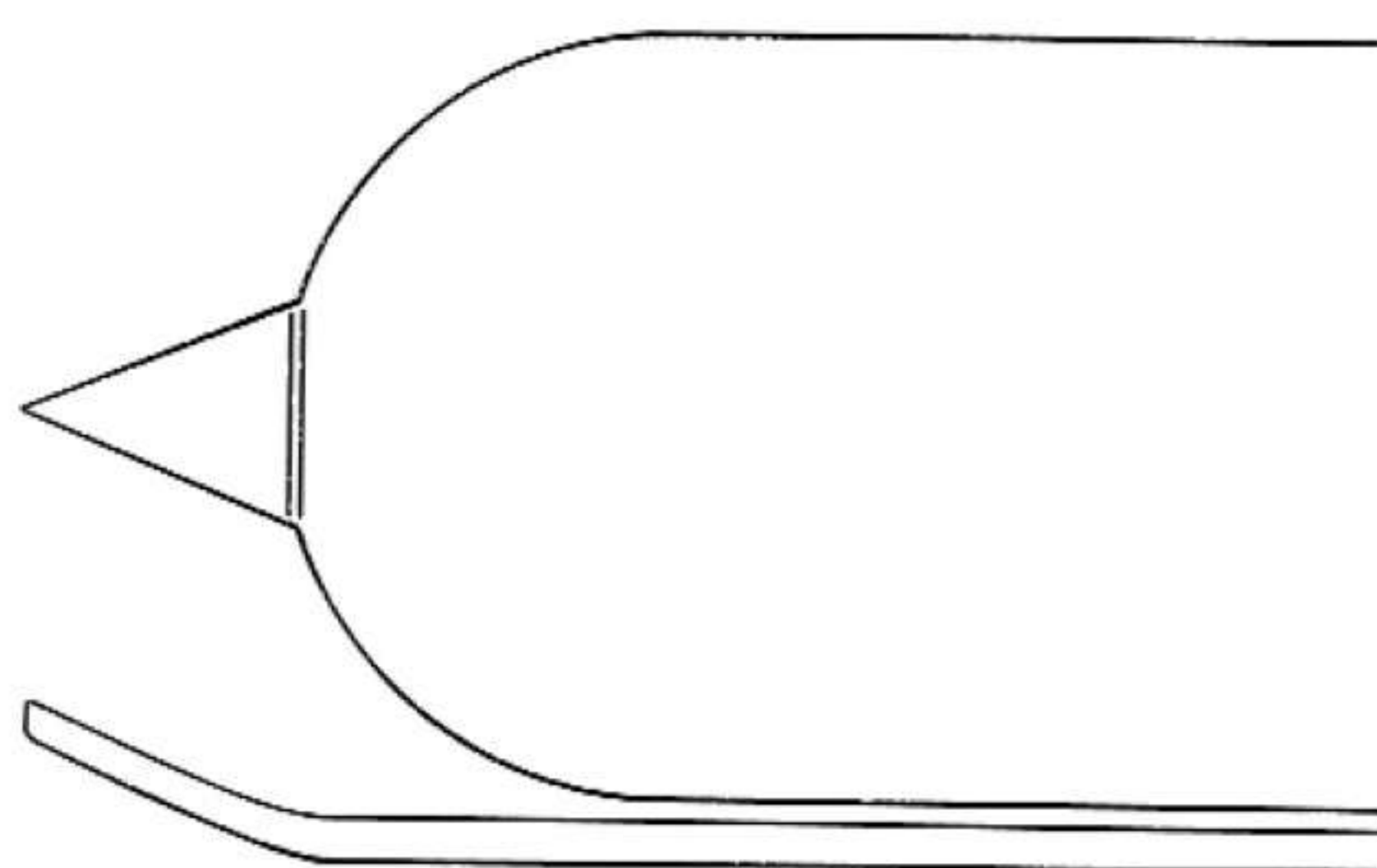
Spinal-Haken
Spinal Retractors
Ecarteurs pour le spinale
Separadores para spinale
Divaricatori per il spinale



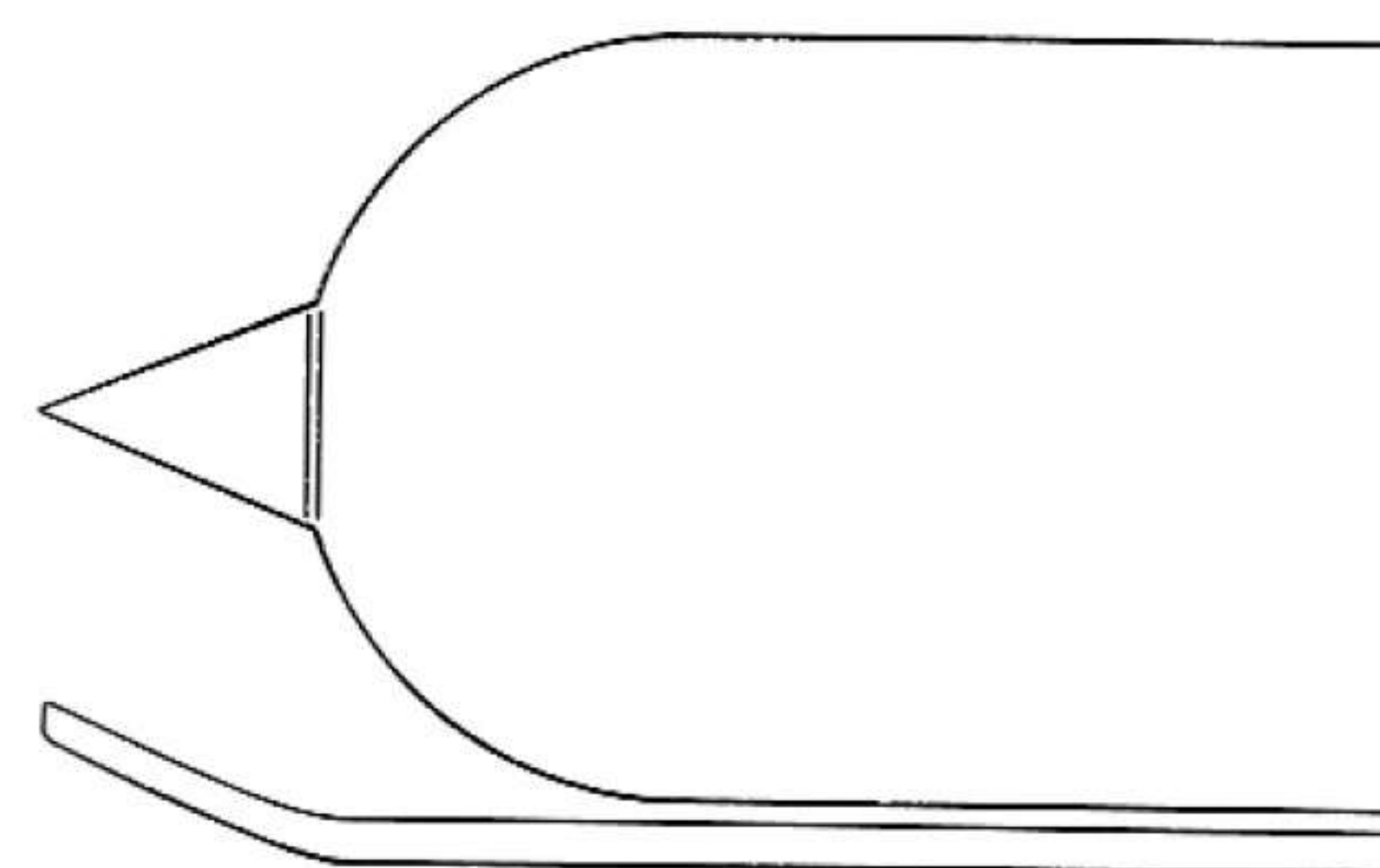
1/2

TAYLOR
16 cm/6 1/4"

spitzes Ende
pointed end
pointe aiguë
punta aguda
punta acuta

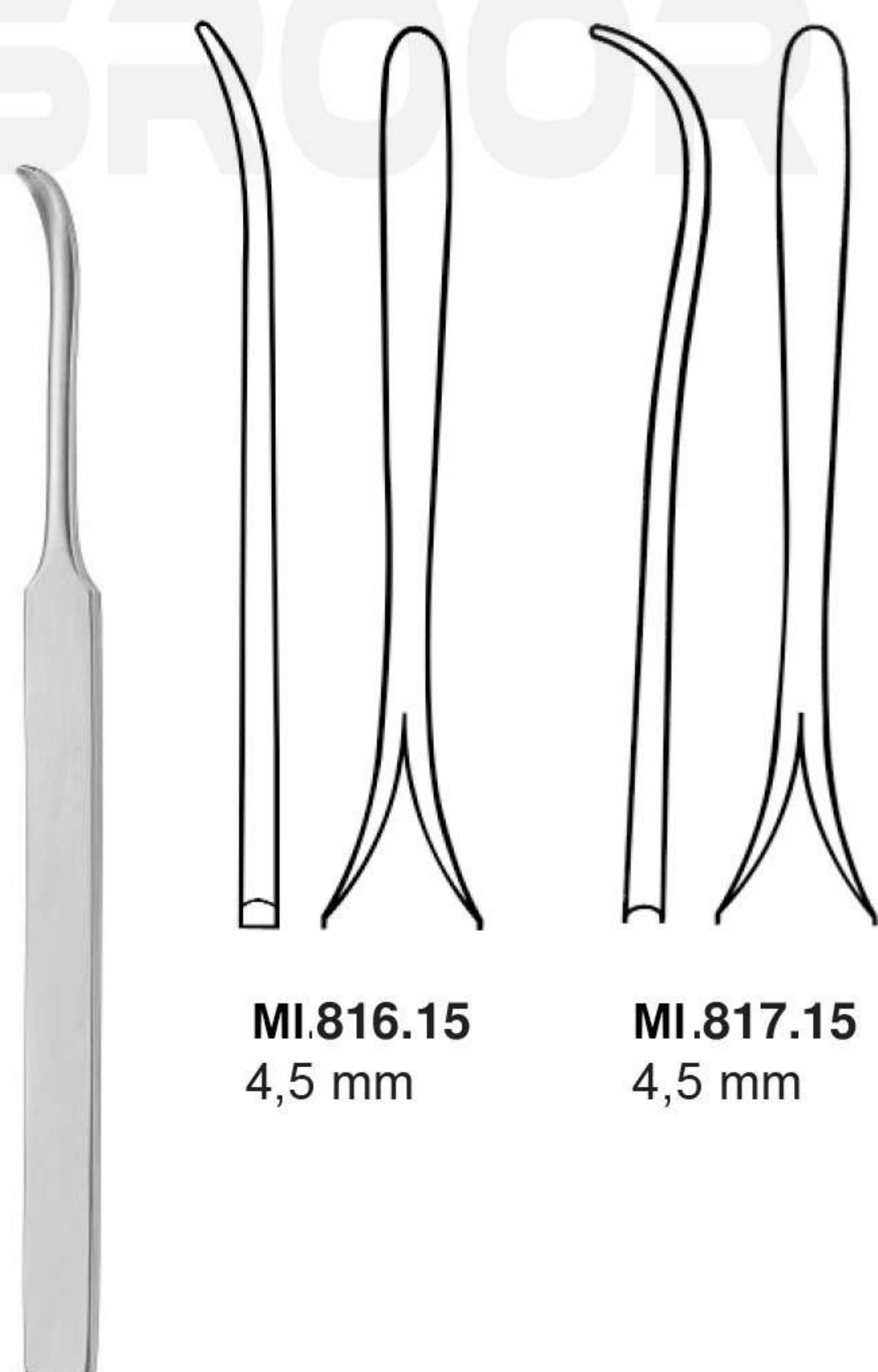


MI.831.16
75 x 30 mm



MI.833.16
100 x 30 mm

Knochenhebel
Bone Levers
Leviers à os
Elevadores para hueso
Elevatori per ossa



1/2

KOENIG
15 cm/6"

MI.816.15
4,5 mm

MI.817.15
4,5 mm

Sehnenfaßzange
Tendon grasping forceps
Pince pour saisir les tendons
Pinza para agarrar tendones
Pinze da presa per tendini



1/2

CARROL
MI.959.11
11 cm/4 1/2"

Handbohrapparate
Hand Drills
Perforateurs à main
Perforadores de mano
Perforatori a mano



MI.210.95
Handbohrapparate allein
Hand Drill only
Perforateurs à main seul
Perforadores de mano suelto
Perforatori a mano solo

STILLE
20,5 cm/8"

MI.210.20

Komplett mit 9 Bohrern/Fräsern
complete with 9 twist drills/burrs
complete avec 9 fraises
completo con 9 brocas
completo con 9 punte
MI.212.25 - MI.214.16



MI.212.25
Ø 2,5 mm
Fig. 1

Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale



MI.212.30
Ø 3,0 mm
Fig. 2

Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale



MI.212.35
Ø 3,5 mm
Fig. 3

Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale



MI.212.40
Ø 4,0 mm
Fig. 4

Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale



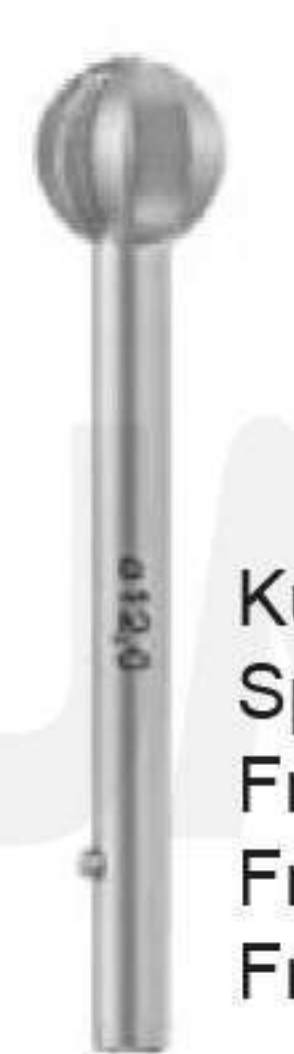
MI.214.05
Ø 5,0 mm
Fig. 6

Kugelfräser
Spherical Burr
Fraise spherique
Fresa esf rica
Fresa sferica



MI.214.08
Ø 8,0 mm
Fig. 7

Kugelfräser
Spherical Burr
Fraise spherique
Fresa esf rica
Fresa sferica



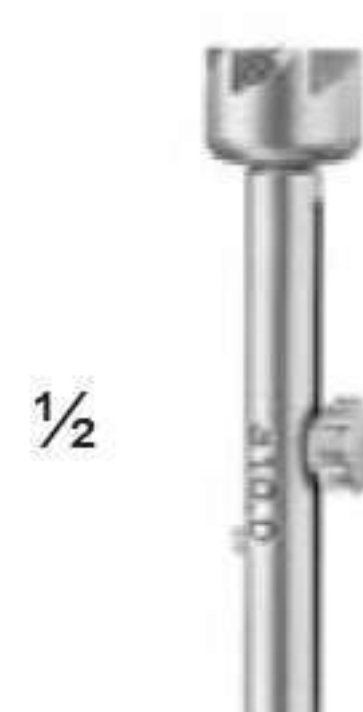
MI.214.12
Ø 12 mm
Fig. 8

Kugelfräser
Spherical Burr
Fraise spherique
Fresa esf rica
Fresa sferica



MI.214.16
Ø 16 mm
Fig. 9

Kugelfräser
Spherical Burr
Fraise spherique
Fresa esf rica
Fresa sferica



MI.214.10
Ø 10 mm
Fig. 5

Trephine
Tréphine
Trépan
Trepano
Trapano



MI.216.10
Ø 1,0 mm
Fig. 10

Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale



MI.216.15
Ø 1,5 mm
Fig. 11

Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale



MI.216.20
Ø 2,0 mm
Fig. 12

Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale



Komplett mit 3 Bohrern
complete with 3 twist drills
complete avec 3 fraises
completo con 3 brocas
completo con 3 punte
MI.212.25 - MI.212.35

STILLE SHERMAN
MI.220.24
24 cm/9½"

MI

Handbohrapparate
Hand Drills
Perforateurs à main
Perforadores de mano
Perforatori a mano



MI.240.99

Handbohrapparate allein
Hand Drill only
Perforateurs à main seul
Perforadores de mano suelto
Perforatori a mano solo

HUDSON
27 cm/10³/₄"

MI.240.27

komplett, mit Fräsern Fig. 1 - 4 MI.242.09 - MI.242.22
und Verlängerungsstück MI.246.00

complete, with burrs no. 1 - 4 MI.242.09 - 33.242.22
and extension piece MI.246.00

complet, avec fraises no. 1 - 4 MI.242.09 - 33.242.22 et
pièce de rallonge MI.246.00

completo, con fresas no. 1 - 4 MI.242.09 - 33.242.22 y
pieza de extensión MI.246.00

completo, con frese fig. 1 - 4 MI.242.09 - MI.242.22 e
giunto di prolungamento MI.246.00



Kegelfräser
Conical Burr
Fraise conique
Fresa cónica
Fresa cuneiforme

MI.242.09
Ø 9 mm
Fig. 1



Kegelfräser
Conical Burr
Fraise conique
Fresa cónica
Fresa cuneiforme

MI.242.14
Ø 14 mm
Fig. 2



Kugelfräser
Spherical Burr
Fraise spherique
Fresa esf rica
Fresa sferica

MI.242.16
Ø 16 mm
Fig. 3



Kugelfräser
Spherical Burr
Fraise spherique
Fresa esf rica
Fresa sferica

MI.242.22
Ø 22 mm
Fig. 4



Flachbohrer
Flat Trephine
Fraise plate
Taladro plano
Trapano piatto

CUSHING
MI.244.14
Ø 14 mm
Fig. 5



Spiralbohrer
Twist Drill
Mèche hélicoidale
Broca espiral
Punta a spirale

MI.245.00
Ø 2,0 mm
Fig. 6



Bohrer
Burr
Fraise
Fresa
Punta

MCKENZIE
MI.248.00
Fig. 7



Bohrer
Burr
Fraise
Fresa
Punta

D'ERRICO
MI.249.00
16 mm
Fig. 8

Verlängerungsstück
Extension piece
Pièce de rallonge
Pieza de prolongación
Giunto di prolungamento

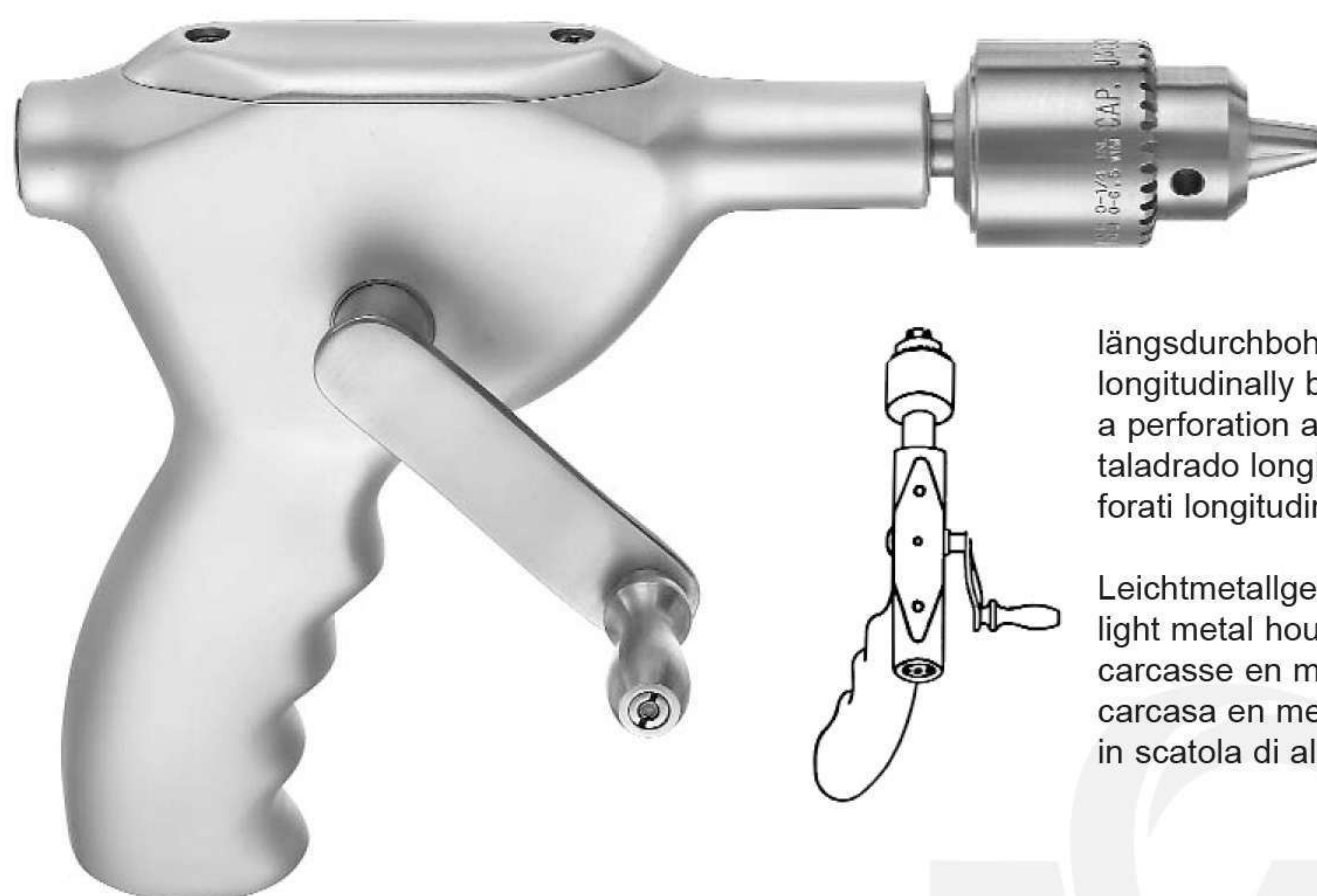


MI.246.00

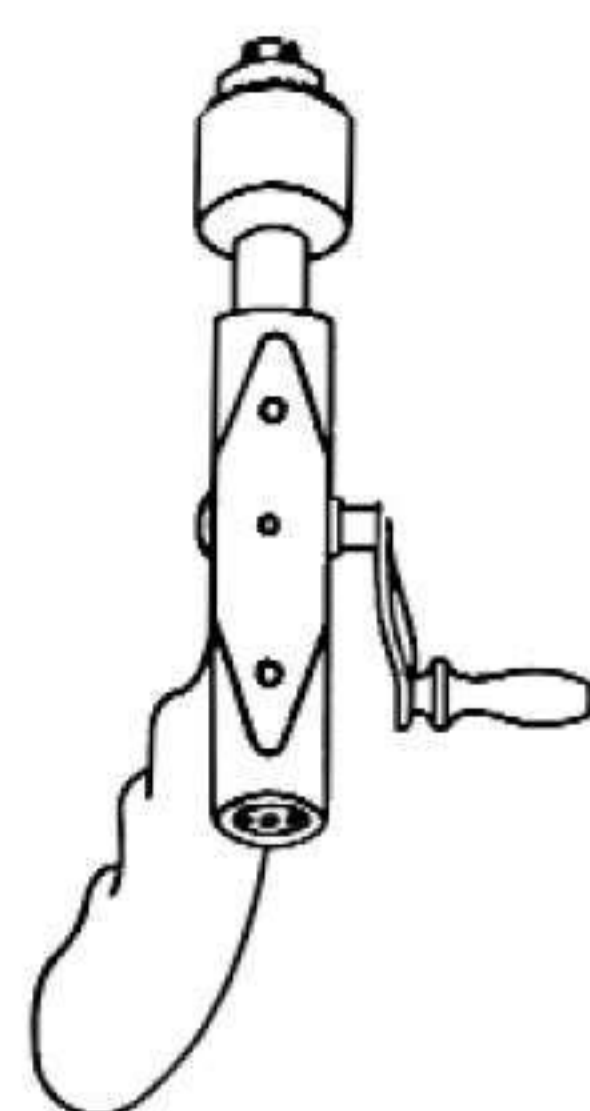


MI.246.01

Handbohrapparate
Hand Drills
Perforateurs à main
Perforadores de mano
Perforatori a mano

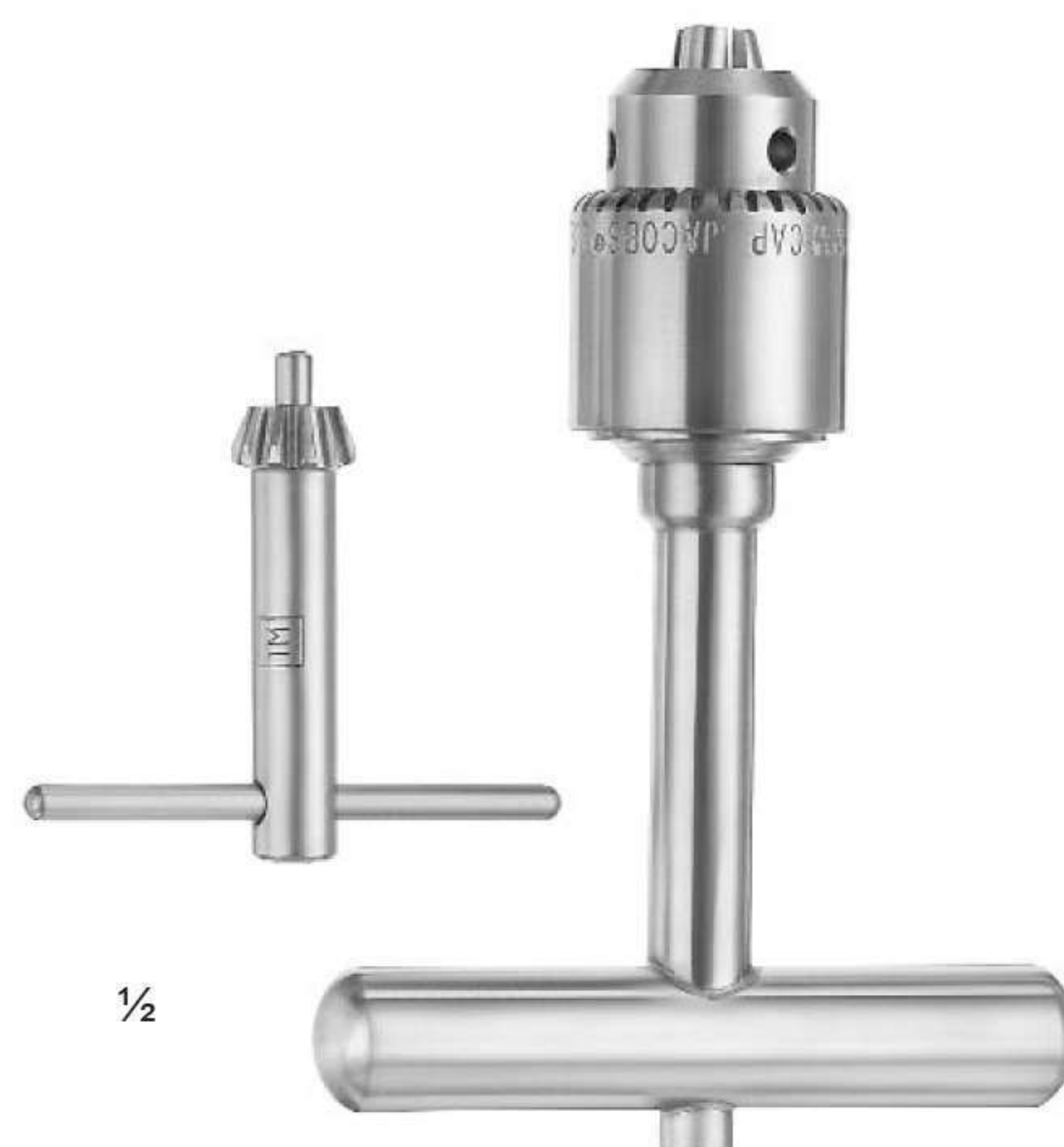


$\frac{1}{2}$ RALK
MI.280.00
16 cm/6 $\frac{1}{4}$ "



längsdurchbohrt
longitudinally bored
a perforation axiale
taladrado longitudinalmente
forati longitudinalmente

Leichtmetallgehäuse
light metal housing
carcasse en metal léger
carcasa en metal ligero
in scatola di alluminio



MI.296.00

MASROOR INSTRUMENTS

Griff umstellbar
Adjustable handle
Manche ajustable
Mango ajustable
Manico reversibile



MI.290.00

mit umstellbarem Handgriff und Dreibackenspannfutter, mit Schlüssel,
mit längsdurchbohrtem Kanal für KIRSCHNER Bohrdrähte

with adjustable handle and three-jaw chuck, with wrench,
with axial channel for passing KIRSCHNER wires

avec manche ajustable et mandrin à trois mâchoires, avec clé,
avec conduit longitudinal pour broches de KIRSCHNER

con mango ajustable y manguito trimandibular, con llave,
con conducto longitudinal para pasar brocas filiformes de KIRSCHNER

con manico reversibile e mandrino a tre ganasce, con chiave,
con cannulato per il passaggio di perforatori filiformi di KIRSCHNER

Spiralbohrer
Twist Drills
Mèches hélicoïdales,
Brocas espirales,
Punte a spirale,



Ø 1,0 mm	MI.354.10
Ø 1,5 mm	MI.354.15
Ø 2,0 mm	MI.354.20
Ø 2,5 mm	MI.354.25
Ø 2,8 mm	MI.354.28
Ø 3,0 mm	MI.354.30
Ø 3,2 mm	MI.354.32
Ø 3,5 mm	MI.354.35
Ø 4,0 mm	MI.354.40
Ø 4,5 mm	MI.354.45
Ø 5,0 mm	MI.354.50
Ø 6,0 mm	MI.354.60
Ø 6,3 mm	MI.354.63
Ø 8,0 mm	MI.354.80

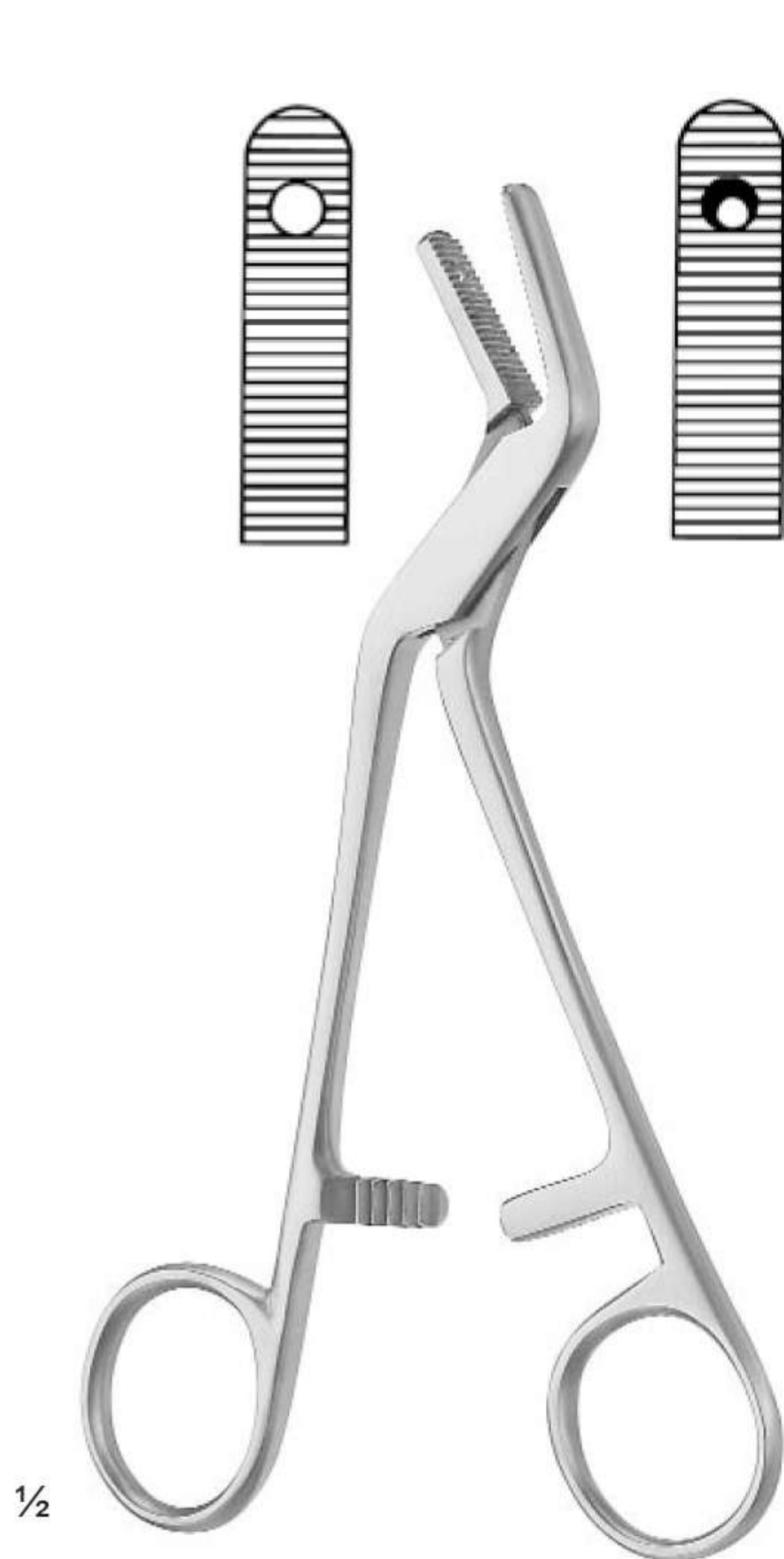
lieferbar in Packungen à 10 stück
available in packages with 10 pieces
disponibles en paquets de 10 pièces
disponible en paquetes de 10 unidades
disponibili in confezioni da pezzi

trokarspitze, rundes ende
trocar point, round end
pointe de trocart, extrémité ronde
punta de trócar, cabo redondo
punta a trequarti, asta rotonda

KIRSCHNER
16 cm/6¼"

Ø 0,5 mm	MI.417.05
Ø 0,6 mm	MI.417.06
Ø 0,7 mm	MI.417.07
Ø 0,8 mm	MI.417.08
Ø 0,9 mm	MI.417.09
Ø 1,0 mm	MI.417.10
Ø 1,1 mm	MI.417.11
Ø 1,2 mm	MI.417.12
Ø 1,3 mm	MI.417.13
Ø 1,4 mm	MI.417.14
Ø 1,5 mm	MI.417.15
Ø 1,6 mm	MI.417.16
Ø 1,7 mm	MI.417.17
Ø 1,8 mm	MI.417.18
Ø 2,2 mm	MI.417.19
Ø 2,0 mm	MI.417.20
Ø 2,2 mm	MI.417.22
Ø 2,4 mm	MI.417.24
Ø 2,5 mm	MI.417.25
Ø 2,7 mm	MI.417.27
Ø 3,0 mm	MI.417.30
Ø 4,0 mm	MI.417.40

Drahtkneifzangen, Biegezange
Wire Cutting Pliers, Plate bender
Pincers à couper le fil, Pinza piegaplacche
Alicates para cortar alambre, Pince à courber
Tenaglie tagliafilì, Tenaglie tagliafilì



ADSON
MI.391.15
15 cm/6"

Bohrerführer
drill guide
protectrice
protectora
prott



REILL
MI.547.17
17,5 cm/7"



CASPAR
MI.660.18
18 cm/7¼"

Biegezange für CASPAR trapezial Platten für Halswirbelsäule

Bending plier, for CASPAR trapezial plates for cervical spine

Pince pour courber CASPAR trapezial plaques pour la colonne cervicale

Gire mordazas para CASPAR trapezial paneles de la columna cervical

Girara a pinza per CASPAR trapezial pannelli per spinale cervicale



CASPAR
MI.662.18
19 cm/7½"

Plattenhaltezange
Plate holding and applying forceps
Pince pour plaque de d'arrêt
Pinza para La celebración de la Plata
Pinza per Targa di partecipazione

Rippenscheren
Rib Shears
Costotomes
Costótomos
Costotomi



1/2

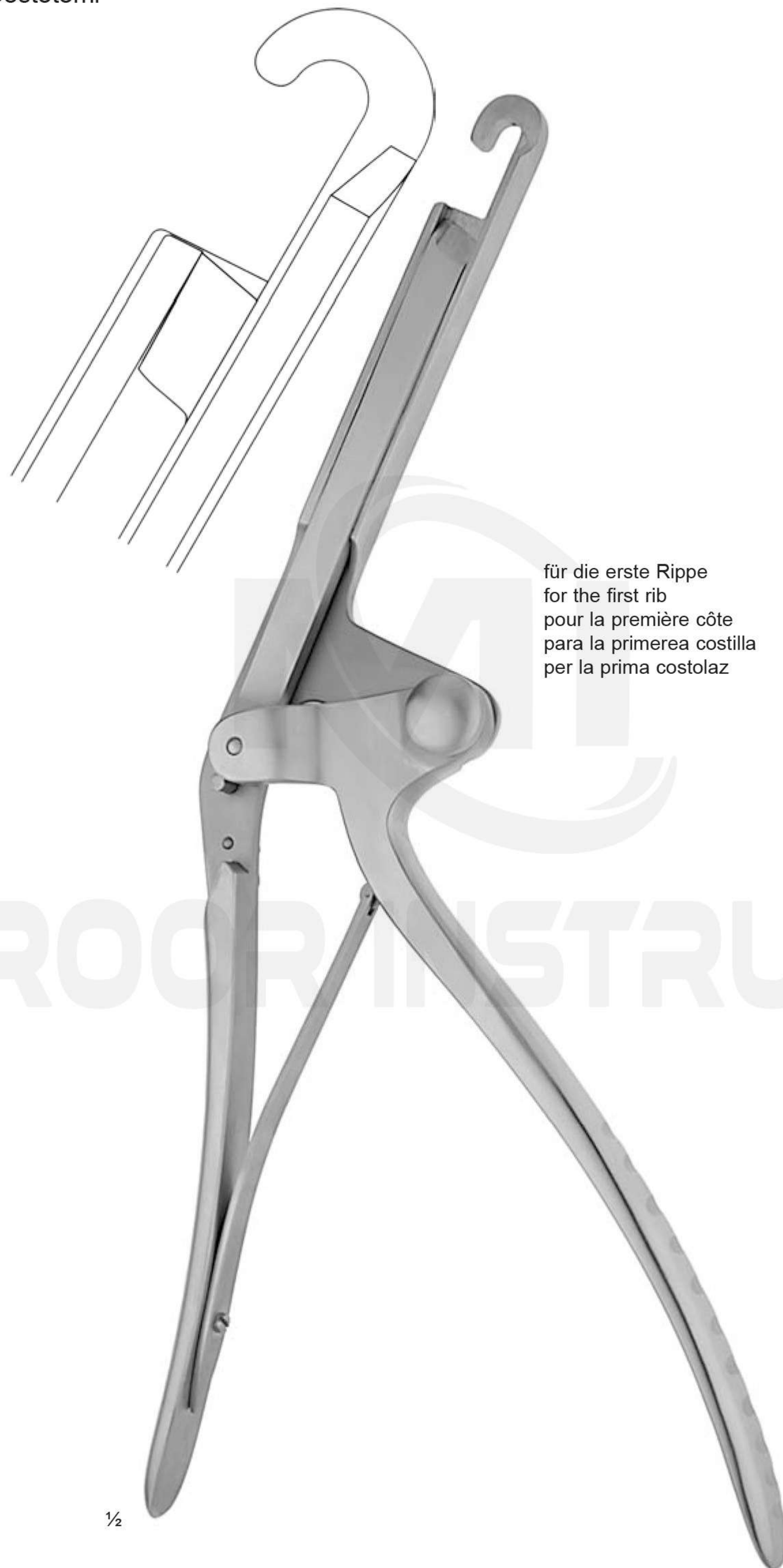
SAUERBUCH
MI.131.26
26 cm/10 1/4"



1/2

GIERTZ-STILLE
MI.137.27
27 cm/10 1/2"

Rippenscheren
Rib Shears
Costotomes
Costótomos
Costotomi



für die erste Rippe
for the first rib
pour la première côte
para la primera costilla
per la prima costolaz

1/2

SAUERBUCH-FREY
MI.141.36
36 cm/14"



RI-TENse Nails

Length in cm	Diameter				
	2 mm	2.5 mm	3 mm	3.5 mm	4 mm
40	MI-TZI-EN2-40	MI-TZI-EN2.5-40	MI-TZI-EN3-40	MI-TZI-EN3.5-40	MI-TEN4-40



Enders Nails

Length in cm	Diameter				
	2 mm	2.5 mm	3 mm	3.5 mm	4 mm
24	MI-EN2-24	MI-EN2.5-24	MI-EN3-24	MI-EN3.5-24	MI-EN4-24
25	MI-EN2-25	MI-EN2.5-25	MI-EN3-25	MI-EN3.5-25	MI-EN4-25
26	MI-EN2-26	MI-EN2.5-26	MI-EN3-26	MI-EN3.5-26	MI-EN4-26
27	MI-EN2-27	MI-EN2.5-27	MI-EN3-27	MI-EN3.5-27	MI-EN4-27
28	MI-EN2-28	MI-EN2.5-28	MI-EN3-28	MI-EN3.5-28	MI-EN4-28
29	MI-EN2-29	MI-EN2.5-29	MI-EN3-29	MI-EN3.5-29	MI-EN4-29
30	MI-EN2-30	MI-EN2.5-30	MI-EN3-30	MI-EN3.5-30	MI-EN4-30
31	MI-EN2-31	MI-EN2.5-31	MI-EN3-31	MI-EN3.5-31	MI-EN4-31
32	MI-EN2-32	MI-EN2.5-32	MI-EN3-32	MI-EN3.5-32	MI-EN4-32
33	MI-EN2-33	MI-EN2.5-33	MI-EN3-33	MI-EN3.5-33	MI-EN4-33
34	MI-EN2-34	MI-EN2.5-34	MI-EN3-34	MI-EN3.5-34	MI-EN4-34
35	MI-EN2-35	MI-EN2.5-35	MI-EN3-35	MI-EN3.5-35	MI-EN4-35
36	MI-EN2-36	MI-EN2.5-36	MI-EN3-36	MI-EN3.5-36	MI-EN4-36
37	MI-EN2-37	MI-EN2.5-37	MI-EN3-37	MI-EN3.5-37	MI-EN4-37
38	MI-EN2-38	MI-EN2.5-38	MI-EN3-38	MI-EN3.5-38	MI-EN4-38
39	MI-EN2-39	MI-EN2.5-39	MI-EN3-39	MI-EN3.5-39	MI-EN4-39
40	MI-EN2-40	MI-EN2.5-40	MI-EN3-40	MI-EN3.5-40	MI-EN4-40



Universal Tibial Nails

Length in cm	Diameter			
	8 mm	9 mm	10 mm	11 mm
26	MI-IT8-26	MI-IT9-26	MI-IT10-26	MI-IT9-26
27	MI-IT8-27	MI-IT9-27	MI-IT10-27	MI-IT9-27
28	MI-IT8-28	MI-IT9-28	MI-IT10-28	MI-IT9-28
29	MI-IT8-29	MI-IT9-29	MI-IT10-29	MI-IT9-29
30	MI-IT8-30	MI-IT9-30	MI-IT10-30	MI-IT9-30
31	MI-IT8-31	MI-IT9-31	MI-IT10-31	MI-IT9-31
32	MI-IT8-32	MI-IT9-32	MI-IT10-32	MI-IT9-32
33	MI-IT8-33	MI-IT9-33	MI-IT10-33	MI-IT9-33
34	MI-IT8-34	MI-IT9-34	MI-IT10-34	MI-IT9-34
35	MI-IT8-35	MI-IT9-35	MI-IT10-35	MI-IT9-35
36	MI-IT8-36	MI-IT9-36	MI-IT10-36	MI-IT9-36
37	MI-IT8-37	MI-IT9-37	MI-IT10-37	MI-IT9-37
38	MI-IT8-38	MI-IT9-38	MI-IT10-38	MI-IT9-38
39	MI-IT8-39	MI-IT9-39	MI-IT10-39	MI-IT9-39
40	MI-IT8-40	MI-IT9-40	MI-IT10-40	MI-IT9-40
41	MI-IT8-41	MI-IT9-41	MI-IT10-41	MI-IT9-41
42	MI-IT8-42	MI-IT9-42	MI-IT10-42	MI-IT9-42



Universal Femoral Nails

Length in cm	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	MI-IF9-32	MI-IF10-32	MI-IF11-32	MI-IF12-32	MI-IF13-32	MI-IF14-32
33	MI-IF9-33	MI-IF10-33	MI-IF11-33	MI-IF12-33	MI-IF13-33	MI-IF14-33
34	MI-IF9-34	MI-IF10-34	MI-IF11-33	MI-IF12-34	MI-IF13-34	MI-IF14-34
35	MI-IF9-35	MI-IF10-35	MI-IF11-35	MI-IF12-35	MI-IF13-35	MI-IF14-35
36	MI-IF9-36	MI-IF10-36	MI-IF11-36	MI-IF12-36	MI-IF13-36	MI-IF14-36
37	MI-IF9-37	MI-IF10-37	MI-IF11-37	MI-IF12-37	MI-IF13-37	MI-IF14-37
38	MI-IF9-38	MI-IF10-38	MI-IF11-38	MI-IF12-38	MI-IF13-38	MI-IF14-38
39	MI-IF9-39	MI-IF10-39	MI-IF11-39	MI-IF12-39	MI-IF13-39	MI-IF14-39
40	MI-IF9-40	MI-IF10-40	MI-IF11-40	MI-IF12-40	MI-IF13-40	MI-IF14-40
41	MI-IF9-41	MI-IF10-41	MI-IF11-41	MI-IF12-41	MI-IF13-41	MI-IF14-41
42	MI-IF9-42	MI-IF10-42	MI-IF11-42	MI-IF12-42	MI-IF13-42	MI-IF14-42
43	MI-IF9-43	MI-IF10-43	MI-IF11-43	MI-IF12-43	MI-IF13-43	MI-IF14-43
44	MI-IF9-44	MI-IF10-44	MI-IF11-44	MI-IF12-44	MI-IF13-44	MI-IF14-44

LOCKING BOLTS,
DIA 4.9MM,
(SELF TAPPING)



Code No.	Length mm
24	MI-040-24
26	MI-040-26
28	MI-040-28
30	MI-040-30
32	MI-040-32
34	MI-040-34
36	MI-040-36
38	MI-040-38
40	MI-040-40
42	MI-040-42
44	MI-040-44
46	MI-040-46
48	MI-040-48
50	MI-040-50
52	MI-040-52
54	MI-040-54
56	MI-040-56
58	MI-040-58
60	MI-040-60
65	MI-040-65
70	MI-040-70
75	MI-040-75
80	MI-040-80
85	MI-040-85
90	MI-040-90
95	MI-040-95
100	MI040-100

Profile:

To ensure safe hold in the far cortical, a locking bolt 2mm longer than measured has to be chosen to allow for the trocar tip.

Drill Bit for Treaded Hole: 4mm

INSTRUMENTS SETS FOR UNIVERSAL TIBIAL & FEMORAL NAILS



INTER-LOCKING SET FOR UNIVERSAL TIBIA & UNIVERSAL FEMUR NAIL

Code No.: MI-IS030M

Set Consisting of:		Units
REMAINING INSTRUMENTS		
MI-507.01	Bone Awl	1
MI-507.02	Tissue Protector.....	1
MI-507.03	Flexible Reaming Shaft	1
MI-507.04	Medullary Tube	1
MI-507.45	Medullary Reamer:	9
	9, 9.5 10, 10.5, 11, 11.5, 12, 12.5, 13mm	
MI-507.05	Reaming Rod 3.0mm Dia.	1
RI-507.06	Holding Forceps for Reaming Rod	1
RI-507.65	Reaming Rod Introducer (Guide Rod Introducer)1	
INSERTION INSTRUMENTS		
MI-507.08	Guide Rod 3.0mm Dia.	1
MI-507.09	Cannulated Socket Wrench, 11mm.	1
MI-507.10	Curved Driving Piece with Head	1
MI-507.11	Cannulated Guide Rod with RAM and Grip Handle (Set of Three)	
MI-507.12	Insertion Handle for Nails.....	1
MI-507.13	Conical Bolt with Two Nuts.....	1
LOCKING INSTRUMENTS		
MI-201.48	Drill Bit 4.0/4.5mm Dia.	2
MI-201.32	Drill Bit 3.2mm Dia., Extra Long.....	1
MI-208.10	Large Hexagonal Screw Driver.....	1
MI-507.14	Freehand Aiming Device for Distal Locking	1
MI-507.16	Depth Guage (Extra Larger)	1
MI-507.17	Protection Sleeve, Dia. 8.0mm	1
MI-507.18	Drill Sleeve 3.2mm	1
MI-507.19	Drill Sleeve, 8.0/4.5mm	1
MI-507.20	Trocar	1
	S.S. Container with Tray.....	1 Set



Bone Awl
Code No.: MI-507.01



Tissue Protector
Code No.: MI-507.02



Flexible Reaming Shaft
Code No.: MI-507.03



Medullary Tube
Code No.: MI-507.04



Medullary Reamer
Code No.: MI-507.45



Reaming Rod 3.0mm Dia.
Code No.: MI-507.05



**Reaming Rod Introducer
(Guide Rod Introducer)**
Code No.: MI-507.65



Guide Rod 3.0mm Dia.
Code No.: MI-507.08



Curved Driving Piece with Head
Code No.: MI-507.10



**Cannulated Guide Rod with RAM and Grip Handle
(Set of Three)**
Code No.: MI-507.11



Insertion Handle for Nails
Code No.: MI-507.12



Conical Bolt with Two Nuts
Code No.: MI-507.13



Drill Bit 4.0 x 4.5mm Dia.
Code No.: MI-201.48



Drill Bit 3.2mm Dia., Extra Long
Code No.: MI-201.32



Large Hexagonal Screw Driver
Code No.: MI-208.10



Freehand Aiming Device for Distal Locking
Code No.: MI-507.14



Depth Gauge (Extra Large)
Code No.: MI-507.16



Protection Sleeve, Dia. 8.0mm
Code No.: MI-507.17



Drill Sleeve 3.2mm
Code No.: MI-507.18



Drill Sleeve, 8.0/4.5mm
Code No.: MI-507.19



Trocar
Code No.: MI-507.20



Cannulated Socket Wrench
Code No.: MI-507.09

2 Proximal Holes for 4.5mm Locking Bolts



All Assembly Instruments to be Ordered Separately



Modified Tibial Nails (Standard)

Length in cm	Diameter		
	9 mm	10 mm	12 mm
26	MI-LT9-26	MI-LT10-26	MI-LT12-26
27	MI-LT9-27	MI-LT10-27	MI-LT12-27
28	MI-LT9-28	MI-LT10-28	MI-LT12-28
29	MI-LT9-29	MI-LT10-29	MI-LT12-29
30	MI-LT9-30	MI-LT10-30	MI-LT12-30
31	MI-LT9-31	MI-LT10-31	MI-LT12-31
32	MI-LT9-32	MI-LT10-32	MI-LT12-32
33	MI-LT9-33	MI-LT10-33	MI-LT12-33
34	MI-LT9-34	MI-LT10-34	MI-LT12-34
35	MI-LT9-35	MI-LT10-35	MI-LT12-35
36	MI-LT9-36	MI-LT10-36	MI-LT12-36
37	MI-LT9-37	MI-LT10-37	MI-LT12-37
38	MI-LT9-38	MI-LT10-38	MI-LT12-38
39	MI-LT9-39	MI-LT10-39	MI-LT12-39
40	MI-LT9-40	MI-LT10-40	MI-LT12-40
41	MI-LT9-41	MI-LT10-41	MI-LT12-41
42	MI-LT9-42	MI-LT10-42	MI-LT12-42

2 Proximal Holes for 4.5mm Locking Bolts



2 Distal Holes for 4.5mm Locking Bolts



All Assembly Instruments to be Ordered Separately



Tibial Nail, Lower End Holes

Length in cm	Diameter		
	9 mm	10 mm	12 mm
26	MI-LT9-26	MI-LT10-26	MI-LT12-26
27	MI-LT9-27	MI-LT10-27	MI-LT12-27
28	MI-LT9-28	MI-LT10-28	MI-LT12-28
29	MI-LT9-29	MI-LT10-29	MI-LT12-29
30	MI-LT9-30	MI-LT10-30	MI-LT12-30
31	MI-LT9-31	MI-LT10-31	MI-LT12-31
32	MI-LT9-32	MI-LT10-32	MI-LT12-32
33	MI-LT9-33	MI-LT10-33	MI-LT12-33
34	MI-LT9-34	MI-LT10-34	MI-LT12-34
35	MI-LT9-35	MI-LT10-35	MI-LT12-35
36	MI-LT9-36	MI-LT10-36	MI-LT12-36
37	MI-LT9-37	MI-LT10-37	MI-LT12-37
38	MI-LT9-38	MI-LT10-38	MI-LT12-38
39	MI-LT9-39	MI-LT10-39	MI-LT12-39
40	MI-LT9-40	MI-LT10-40	MI-LT12-40
41	MI-LT9-41	MI-LT10-41	MI-LT12-41
42	MI-LT9-42	MI-LT10-42	MI-LT12-42

2 Distal Holes for 4.5mm Locking Bolts



www.masroorinst.com

57

info@masroorinst.com



Modified Femoral Nails for Left Leg

Length in cm	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	MI-MF9-32L	MI-MF10-32	MI-MF11-32	MI-MF12-32	MI-MF13-32	MI-MF14-32
33	MI-MF9-33L	MI-MF10-33	MI-MF11-33	MI-MF12-33	MI-MF13-33	MI-MF14-33
34	MI-MF9-34L	MI-MF10-34	MI-MF11-34	MI-MF12-34	MI-MF13-34	MI-MF14-34
35	MI-MF9-35L	MI-MF10-35	MI-MF11-35	MI-MF12-35	MI-MF13-35	MI-MF14-35
36	MI-MF9-36L	MI-MF10-36	MI-MF11-36	MI-MF12-36	MI-MF13-36	MI-MF14-36
37	MI-MF9-37L	MI-MF10-37	MI-MF11-37	MI-MF12-37	MI-MF13-37	MI-MF14-37
38	MI-MF9-38L	MI-MF10-38	MI-MF11-38	MI-MF12-38	MI-MF13-38	MI-MF14-38
39	MI-MF9-39L	MI-MF10-39	MI-MF11-39	MI-MF12-39	MI-MF13-39	MI-MF14-39
40	MI-MF9-40L	MI-MF10-40	MI-MF11-40	MI-MF12-40	MI-MF13-40	MI-MF14-40
41	MI-MF9-41L	MI-MF10-41	MI-MF11-41	MI-MF12-41	MI-MF13-41	MI-MF14-41
42	MI-MF9-42L	MI-MF10-42	MI-MF11-42	MI-MF12-42	MI-MF13-42	MI-MF14-42
43	MI-MF9-43L	MI-MF10-43	MI-MF11-43	MI-MF12-43	MI-MF13-43	MI-MF14-43
44	MI-MF9-44L	MI-MF10-44	MI-MF11-44	MI-MF12-44	MI-MF13-44	MI-MF14-44

Modified Femoral Nails for Right Leg

Length in cm	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	MI-MF9-32F	MI-MF9-32F	MI-MF9-32F	MI-MF9-32F	MI-MF9-32F	MI-MF9-32F
33	MI-MF9-33F	MI-MF9-33F	MI-MF9-33F	MI-MF9-33F	MI-MF9-33F	MI-MF9-33F
34	MI-MF9-34F	MI-MF9-34F	MI-MF9-34F	MI-MF9-34F	MI-MF9-34F	MI-MF9-34F
35	MI-MF9-35F	MI-MF9-35F	MI-MF9-35F	MI-MF9-35F	MI-MF9-35F	MI-MF9-35F
36	MI-MF9-36F	MI-MF9-36F	MI-MF9-36F	MI-MF9-36F	MI-MF9-36F	MI-MF9-36F
37	MI-MF9-37F	MI-MF9-37F	MI-MF9-37F	MI-MF9-37F	MI-MF9-37F	MI-MF9-37F
38	MI-MF9-38F	MI-MF9-38F	MI-MF9-38F	MI-MF9-38F	MI-MF9-38F	MI-MF9-38F
39	MI-MF9-39F	MI-MF9-39F	MI-MF9-39F	MI-MF9-39F	MI-MF9-39F	MI-MF9-39F
40	MI-MF9-40F	MI-MF9-40F	MI-MF9-40F	MI-MF9-40F	MI-MF9-40F	MI-MF9-40F
41	MI-MF9-41F	MI-MF9-41F	MI-MF9-41F	MI-MF9-41F	MI-MF9-41F	MI-MF9-41F
42	MI-MF9-42F	MI-MF9-42F	MI-MF9-42F	MI-MF9-42F	MI-MF9-42F	MI-MF9-42F
43	MI-MF9-43F	MI-MF9-43F	MI-MF9-43F	MI-MF9-43F	MI-MF9-43F	MI-MF9-43F
44	MI-MF9-44F	MI-MF9-44F	MI-MF9-44F	MI-MF9-44F	MI-MF9-44F	MI-MF9-44F

MI





Unreamed Tibial Nail, Standard Holes

Length in cm	Diameter	
	8 mm	9 mm
26	MI-UTN8-26	MI-UTN9-26
28	MI-UTN8-28	MI-UTN9-28
30	MI-UTN8-30	MI-UTN9-30
32	MI-UTN8-32	MI-UTN9-32
34	MI-UTN8-34	MI-UTN9-34
36	MI-UTN8-36	MI-UTN9-36
38	MI-UTN8-38	MI-UTN9-38
40	MI-UTN8-40	MI-UTN9-40
42	MI-UTN8-42	MI-UTN9-42



2 Proximal Holes for
4.5mm Locking Bolts

2 Distal Holes for
4.5mm Locking Bolts

Unreamed Tibial Nail, Lower End

Length in cm	Diameter	
	8 mm	9 mm
26	MI-UTL8-26	MI-UTL9-26
28	MI-UTL8-28	MI-UTL9-28
30	MI-UTL8-30	MI-UTL9-30
32	MI-UTL8-32	MI-UTL9-32
34	MI-UTL8-34	MI-UTL9-34
36	MI-UTL8-36	MI-UTL9-36
38	MI-UTL8-38	MI-UTL9-38
40	MI-UTL8-40	MI-UTL9-40
42	MI-UTL8-42	MI-UTL9-42



Unreamed Femoral Nail

Length in cm	Diameter	
	8 mm	9 mm
26	MI-UFN8-26	MI-UFN9-26
28	MI-UFN8-28	MI-UFN9-28
30	MI-UFN8-30	MI-UFN9-30
32	MI-UFN8-32	MI-UFN9-32
34	MI-UFN8-34	MI-UFN9-34
36	MI-UFN8-36	MI-UFN9-36
38	MI-UFN8-38	MI-UFN9-38
40	MI-UFN8-40	MI-UFN9-40
42	MI-UFN8-42	MI-UFN9-42

INSTRUMENTS SETS FOR MODIFIED TIBIAL & FEMORAL NAILS

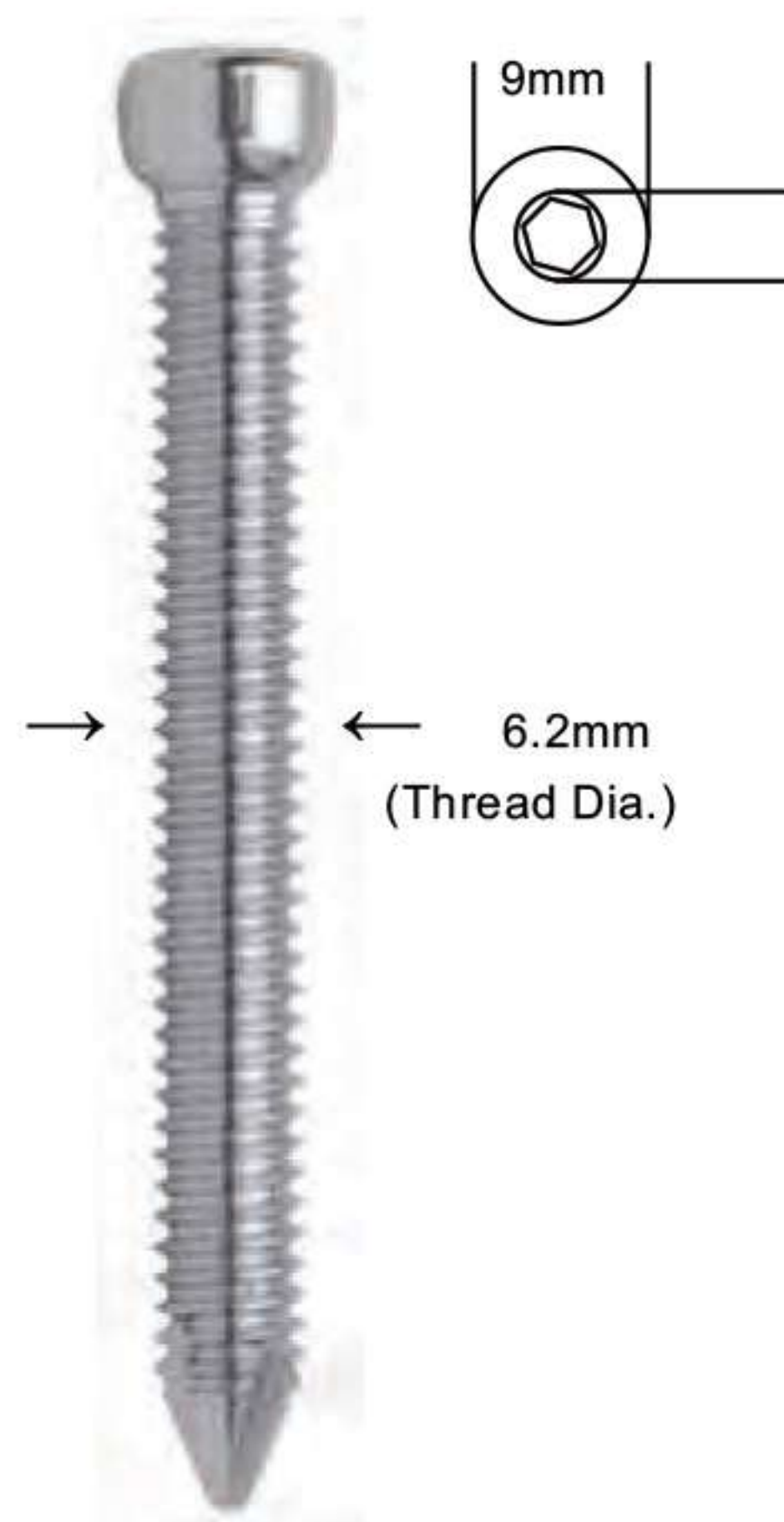


SET FOR INTER LOCKING NAILS

Code No.: MI-IS060

Set Consisting of:		Units
REMAINING INSTRUMENTS		
MI-507.01	Diamond pointed bone awl for femoral.....	1
MI-208.15	Diamond pointed bone awl for tibia.....	1
MI-507.02	Tissue Protector.....	1
MI-507.03	Flexible Reaming Shaft.....	1
MI-507.038	Flexible reaming Shaft with reamer dia 8.0mm ...	1
MI-507.04	Medullary Tube.....	1
MI-507.45	Medullary Reamer:.....	9
	9, 9.5 10, 10.5, 11, 11.5, 12, 12.5, 13mm	
MI-507.05	Reaming Rod 3.0mm Dia.....	1
MI-507.65	Reaming Rod introducer (Guide Rod Introducer)	1
INSERTION INSTRUMENTS		
MI-507.08	Guide Rod 3.0mm Dia.....	1
MI-507.41	Extractor- Impactor.....	1
MI-507.42	Insertion Handle (proximal Zig).....	1
MI-507.67	Spanner, 14mm.....	1
MI-507.52	Nail Holding Bolt.....	1
LOCKING INSTRUMENTS		
MI-507.55	Drill Bits 3.5mm x 250mm, Straight Shank, with Trocar End.....	1
MI-507.56	Drill Bits 5.0mm x 250mm, Straight Shank, with Trocar End.....	1
ZIZI-208.10	Large Hexagonal Screw Driver for 4.5 Locking Bolt	1
ZIZI-208.16	Large Hexagonal Screw Driver for 6.2 Locking Bolt	1
MI-507.14	Freehand Aiming Device for Distal Locking.....	1
MI-507.16	Depth Gauge (Extra Large).....	1
MI-507.61	Protection Sleeve, Dia. 8.0mm for 4.5mm Locking Bolts	1
MI-507.62	Protection Sleeve, Dia. 9.0mm for 6.2mm Locking Bolts	1
MI-507.64	Drill Sleeve 3.5mm.....	1
MI-507.66	Drill Sleeve, 5.0mm.....	1
	S.S. Container with Tray.....	1 Set

LOCKING BOLTS,
DIA 6.2MM
(SELF TAPPING)



LOCKING BOLTS,
DIA 4.5MM
(SELF TAPPING)



Code No.	Length mm	Code No.	Length mm
MI-045-24	24	MI-046-50	50
MI-045-26	26	MI-046-55	55
MI-045-28	28	MI-046-60	60
MI-045-30	30	MI-046-65	65
MI-045-32	32	MI-046-70	70
MI-045-34	34	MI-046-75	75
MI-045-36	36	MI-046-80	80
MI-045-38	38	MI-046-85	85
MI-045-40	40	MI-046-90	90
MI-045-42	42	MI-046-95	95
MI-045-44	44	MI-046-100	100
MI-045-46	46	MI-046-105	105
MI-045-48	48	MI-046-110	110
MI-045-50	50	MI-046-115	115
MI-045-55	55	MI-046-120	120
MI-045-60	60		
MI-045-65	65		
MI-045-70	70		
MI-045-75	75		
MI-045-80	80		
MI-045-85	85		
MI-045-90	90		
MI-045-95	95		
MI-045-100	100		
MI-045-105	105		
MI-045-110	110		
MI-045-115	115		
MI-045-120	120		



Diamond Pointed Bone Awl for Femoral
Code No.: MI-507.01



Diamond Pointed Bone Awl for Tibia
Code No.: MI-208.15



Tissue Protector
Code No.: MI-507.02



Extractor- Impactor
Code No.: MI-507.41



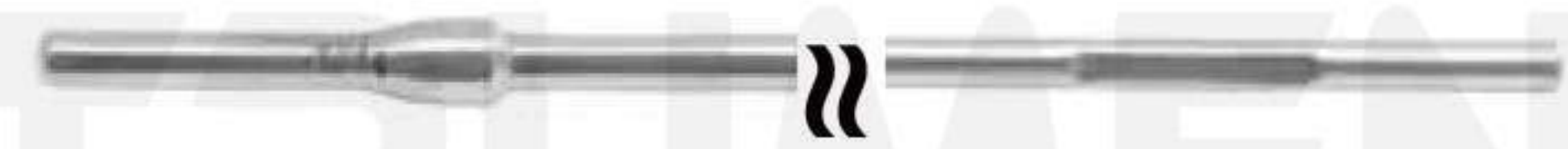
Flexible Reaming Shaft
Code No.: MI-507.03



Medullary Tube
Code No.: MI-507.04



Medullary Reamer
Code No.: MI-507.45



Reaming Rod 3.0mm Dia.
Code No.: MI-507.05



**Reaming Rod Introducer
(Guide Rod Introducer)**
Code No.: MI-507.65



Guide Rod 3.0mm Dia.
Code No.: MI-507.08



Depth Guage (Extra Large)
Code No.: MI-507.16



Freehand Aiming Device for Distal Locking
Code No.: MI-507.14



Insertion Handle (Proximal Zig)
Code No.: MI-507.42



Nail Holding Bolt
Code No.: MI-507.52



Drill Bits 3.5mm x 250mm, Straight Shank, with Trocar End
Code No.: MI-507.55



Drill Bits 5.0mm x 250mm, Straight Shank, with Trocar End
Code No.: MI-507.56



Protection Sleeve 8.0mm
Code No.: MI-507.61



Protection Sleeve 9.0mm
Code No.: MI-507.62



Drill Sleeve, 3.5mm
Code No.: MI-507.64



Drill Sleeve, 5.0mm
Code No.: MI-507.66



Large Hexagonal Screw Driver for 4.5mm Locking Bolt
Code No.: MI-208.10



Spanner
Code No.: MI-507.67



Large Hexagonal Screw Driver for 6.2mm Locking Bolt
Code No.: MI-208.16



Proximal Femoral Nails (PFN Nails)
Length 25 cm.

Code No.	Dia. mm
MI-PFN9-25	9
MI-PFN10-25	10
MI-PFN11-25	11
MI-PFN12-25	12



Recon Nail

Recon Nail (Left)

Recon Nail (Right)

Length in cm	Diameter				Length in cm	Diameter			
	9 mm	10 mm	11 mm	12 mm		9 mm	10 mm	11 mm	12 mm
34	MI-RN9-34L	MI-RN10-34L	MI-RN11-34L	MI-RN12-34L	34	MI-RN9-34R	MI-RN10-34R	MI-RN11-34R	MI-RN12-34R
36	MI-RN9-36L	MI-RN10-36L	MI-RN11-36L	MI-RN12-36L	36	MI-RN9-36R	MI-RN10-36R	MI-RN11-36R	MI-RN12-36R
38	MI-RN9-38L	MI-RN10-38L	MI-RN11-38L	MI-RN12-38L	38	MI-RN9-38R	MI-RN10-38R	MI-RN11-38R	MI-RN12-38R
40	MI-RN9-40L	MI-RN10-40L	MI-RN11-40L	MI-RN12-40L	40	MI-RN9-40R	MI-RN10-40R	MI-RN11-40R	MI-RN12-40R
42	MI-RN9-42L	MI-RN10-42L	MI-RN11-42L	MI-RN12-42L	42	MI-RN9-42R	MI-RN10-42R	MI-RN11-42R	MI-RN12-42R
44	MI-RN9-44L	MI-RN10-44L	MI-RN11-44L	MI-RN12-44L	44	MI-RN9-44R	MI-RN10-44R	MI-RN11-44R	MI-RN12-44R

LOCKING BOLTS,
DIA 4.5MM
(SELF TAPPING)



Code No.	Length mm
MI-045-24	24
MI-045-26	26
MI-045-28	28
MI-045-30	30
MI-045-32	32
MI-045-34	34
MI-045-36	36
MI-045-38	38
MI-045-40	40
MI-045-42	42
MI-045-44	44
MI-045-46	46
MI-045-48	48
MI-045-50	50
MI-045-55	55
MI-045-60	60
MI-045-65	65
MI-045-70	70
MI-045-75	75
MI-045-80	80
MI-045-85	85
MI-045-90	90
MII-045-95	95
MI-045-100	100
MI-045-105	105
MI-045-110	110
MI-045-115	115
MI-045-120	120

LOCKING BOLTS,
DIA 6MM, CANNULATED



Code No.	Length mm
MI-047-50	50
MI-047-55	55
MI-047-60	60
MI-047-65	65
MI-047-70	70
MI-047-75	75
MI-047-80	80
MI-047-85	85
MI-047-90	90
MI-047-95	95
MI047-100	100
MI047-105	105
MI-047-110	110
MI-047-115	115
MI047-120	120

LOCKING BOLTS,
DIA 8MM, CANNULATED



Code No.	Length mm
MI-048-50	50
MI-048-55	55
MI-048-60	60
MI-048-65	65
MI-048-70	70
MI-048-75	75
MI-048-80	80
MI-048-85	85
MI-048-90	90
MI-048-95	95
MI048-100	100
MI048-105	105
MI048-110	110
MI048-115	115
MI048-120	120

INSTRUMENT SET FOR PFN NAILS

Code No.: RI-IS061

	Set Consisting of:	Units
	REMAINING INSTRUMENTS	
MI-507.01	Diamond pointed bone awl for femoral.....	1
MI-507.02	Tissue Protector.....	1
MI-507.03	Flexible Reaming Shaft.....	1
MI-507.04	Medullary Tube.....	1
MI-507.45	Medullary Reamer:.....	9
	9, 9.5 10, 10.5, 11, 11.5, 12, 12.5, 13mm	
MI-507.05	Reaming Rod 3.0mm Dia.....	1
MI-507.65	Reaming Rddtroducer (Guide Rod Introducer)	1
	INSERTION INSTRUMENTS	
MI-507.08	Guide Rod 3.0mm Dia.....	1
MI-507.21	Cannulated Sleeve for Guide Rod.....	1
MI-507.41	Extractor- Impactor.....	1
MI-507.71	Insertion Handle for porximal & distal Zig (set of.2)...	1
MI-507.67	Spanner, 14mm.....	1
MI-507.72	Nail Holding Bolt.....	1
	LOCKING INSTRUMENTS	
MI-507.73	Drill Bit 4.5mm x 300mm.....	1
MI-507.74	Drill Bit 5.0mm x 300mm.....	1
MI-208.10	Large Hexagonal Screw Driver.....	1
MI-507.14	Freehand Aiming Device for Distal Locking.....	1
MI-507.16	Depth Guage (Extra Large).....	1
MI-507.31	Protection Sleeve for 6mm locking Bolts.....	1
MI-507.32	Protection Sleeve for 8mm locking Bolts.....	1
MI-507.33	Drill Sleeve 4.5mm for 6mm Locking Bolts.....	1
MI-507.35	Drill Sleeve 5.0mm for 8mm Locking Bolts.....	1
	S.S. Container with Tray.....	1 Set

INSTRUMENT SET FOR RECON NAILS

Code No.: MI-IS062

	Set Consisting of:	Units
	REMAINING INSTRUMENTS	
MI-507.01	Diamond pointed bone awl for femoral.....	1
MI-507.02	Tissue Protector.....	1
MI-507.03	Flexible Reaming Shaft.....	1
MI-507.04	Medullary Tube.....	1
MI-507.45	Medullary Reamer:.....	9
	9, 9.5 10, 10.5, 11, 11.5, 12, 12.5, 13mm	
MI-507.05	Reaming Rod 3.0mm Dia.....	1
MI-507.65	Reaming Rddtroducer (Guide Rod Introducer)	1
	INSERTION INSTRUMENTS	
MI-507.08	Guide Rod 3.0mm Dia.....	1
MI-507.21	Cannulated Sleeve for Guide Rod.....	1
MI-507.41	Extractor- Impactor.....	1
MI-507.75	Insertion Handle for Porximal Zig (set of.2).....	1
MI-507.67	Spanner, 14mm.....	1
MI-507.72	Nail Holding Bolt.....	1
	LOCKING INSTRUMENTS	
MI-507.73	Drill Bit 4.5mm x 300mm.....	1
MI-507.74	Drill Bit 5.0mm x 300mm.....	1
MI-208.10	Large Hexagonal Screw Driver.....	1
MI-507.14	Freehand Aiming Device for Distal Locking.....	1
MI-507.16	Depth Guage (Extra Large).....	1
MI-507.31	Protection Sleeve for 6mm locking Bolts.....	1
MI-507.32	Protection Sleeve for 8mm locking Bolts.....	1
MI-507.33	Drill Sleeve 4.5mm for 6mm Locking Bols.....	1
MI-507.35	Drill Sleeve 5.0mm for 8mm Locking Bols.....	1
	S.S. Container with Tray.....	1 Set



Diamond Pointed Bone Awl for Femoral
Code No.: MI-507.01



Tissue Protector
Code No.: MI-507.02



Extractor- Impactor
Code No.: MI-507.41



Flexible Reaming Shaft
Code No.: MI-507.03



Medullary Tube
Code No.: MI-507.04



Medullary Reamer
Code No.: MI-507.45



Reaming Rod 3.0mm Dia.
Code No.: MI-507.05



Guide Rod 3.0mm Dia.
Code No.: MI-507.08



**Reaming Rod Introducer
(Guide Rod Introducer)**
Code No.: MI-507.65



Depth Gauge (Extra Large)
Code No.: MI-507.16



Cannulated Sleeve for Guide Rod
Code No.: MI-507.21



Drill Bit 4.5mm x 300mm
Code No.: MI-507.73



Drill Bit 5.0mm x 300mm
Code No.: MI-507.74



Protection Sleeve for 6mm locking Bolts
Code No.: MI-507.31



Drill Sleeve 4.5mm for 6mm Locking Bols
Code No.: MI-507.33



Protection Sleeve for 8mm locking Bolts
Code No.: MI-507.32



Drill Sleeve 5.0mm for 8mm Locking Bols
Code No.: MI-507.35



Large Hexagonal Screw Driver for 4.5mm Locking Bolt
Code No.: MI-208.10



Spanner
Code No.: MI-507.67



Insertion Handle for porximal & distal Zig (set of 2)
Code No.: MI-507.71



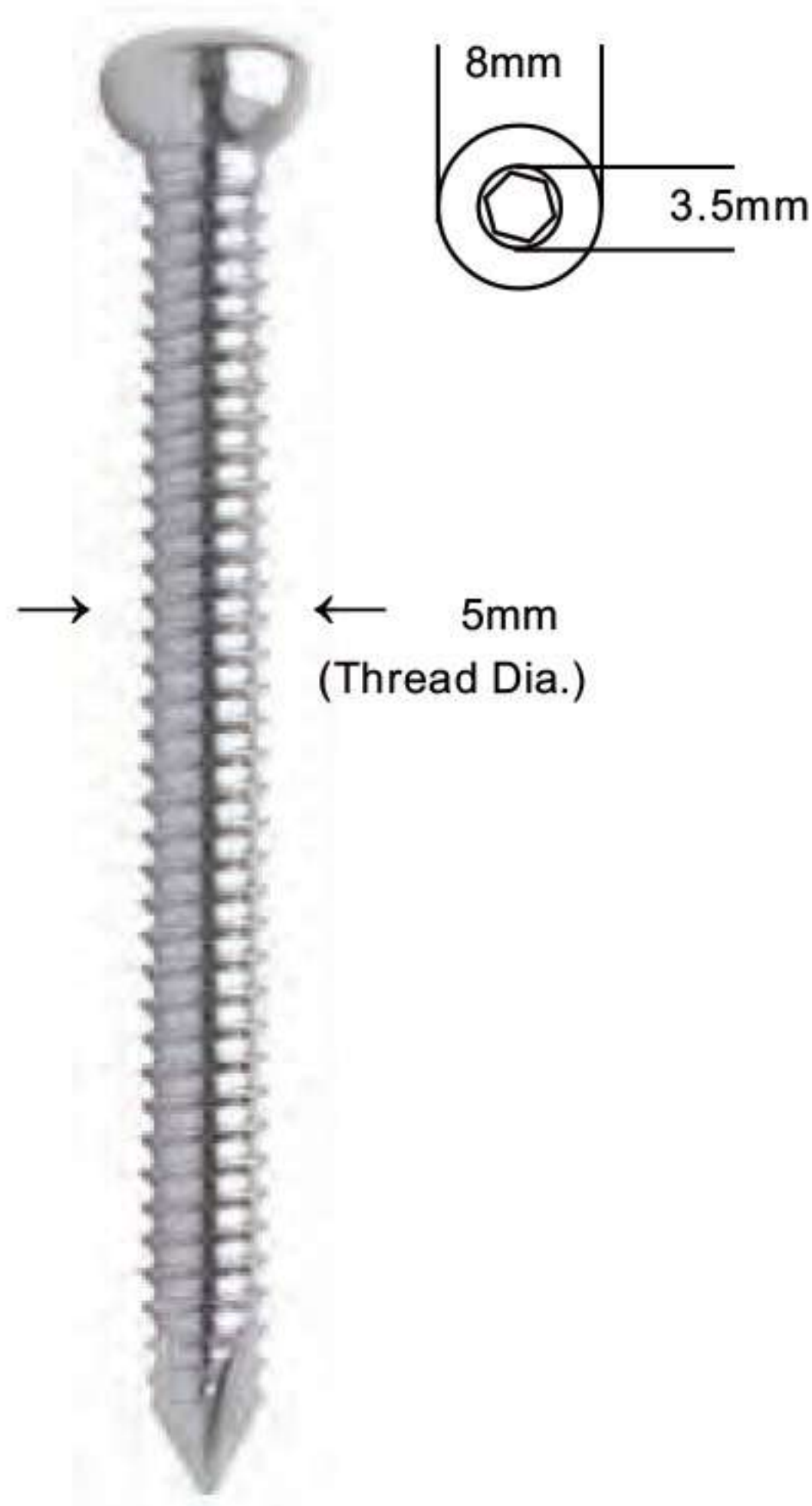
Nail Holding Bolt for PFN & Recon Nails
Code No.: MI-507.72



Insertion Handle for Porximal Zig (set of 2)
Code No.: MI-507.75



5 MM LOCKING BOLTS,
SELF TAPPING



Code No.	Length mm
MI-049-20	20
MI-049-25	25
MI-049-30	30
MI-049-35	35
MI-049-40	40
MI-049-45	45
MI-049-50	50
MI-049-55	55
MI-049-60	60
MI-049-65	65
MI-049-70	70
MI-049-75	75
MI-049-80	80
MI-049-85	85
MI-049-90	90
MI-049-95	95
MI-049-100	100
MI-049-105	105
MI-049-110	110
MI-049-115	115
MI-049-120	120

Intramedullary Supra Condylar Nail - 5 Holes

Length in cm	Diameter			
	9 mm	10 mm	11 mm	12 mm
15	IMSC-115	IMSC-215	IMSC-315	IMSC-415
21	IMSC-121	IMSC-221	IMSC-321	IMSC-421
25	IMSC-125	IMSC-225	IMSC-325	IMSC-425

INSTRUMENT SET FOR INTRAMEDULLARY SUPRA CONDYLAR NAILS
Code No.: MI-IS041M

Set Consisting of:		Units
REMAINING INSTRUMENTS		
MI-507.01	Diamond pointed bone awl	1
MI-507.05	Reaming Rod 3.0mm Dia.....	1
MI-507.65	Reaming Rod Introducer (Guide Rod Introducer)	1
MI-507.98	Cannulated Reamer fixed head	
	1 each of 8mm, 9mm, 10mm, 11mm & 12mm.	5
INSERTION INSTRUMENTS		
MI-507.08	Guide Rod 3.0mm Dia.....	1
MI-721.006	Extractor- Impactor.....	1
MI-507.76	Insertion Handle for proximal & distal Zig (set of 2)....	1
MI-507.67	Spanner, 14mm.....	1
MI-507.86	Nail Holding Bolt.....	1
LOCKING INSTRUMENTS		
MI-507.87	Drill Bit 4.0mm x 4.5mm x 300mm.....	1
MI-201.32	Drill Bit 3.2mm Dia., Extra Long	
MI-208.10	Large Hexagonal Screw Driver.....	1
MI-507.16	Depth Gauge (Extra Large).....	1
MI-507.17	Protection Sleeve.....	1
MI-507.18	Drill Sleeve 4.5mm x 8mm.....	1
MI-507.19	Drill Sleeve 3.2mm x 8mm.....	1
	S.S. Container with Tray.....	1 Set



Insertion Handle for proximal & distal Zig
Code No.: MI-507.76



Nail Holding Bolt for Intramedullary Supra Condylar Nail
Code No.: MI-507.86



Guide Rod 3.0mm Dia.
Code No.: MI-507.08



Reaming Rod 3.0mm Dia.
Code No.: MI-507.05



Cannulated Reamer Fixed Head
Code No.: MI-507.98



**Reaming Rod Introducer
(Guide Rod Introducer)**
Code No.: MI-507.65



Bone Awl
Code No.: MI-507.01



Drill Bit 3.2mm Dia., Extra Long
Code No.: MI-201.32



Drill Bit 4.0 x 4.5mm Dia.
Code No.: MI-507.87



Hexagonal Screw Driver
Code No.: MI-208.10



Protection Sleeve, Dia. 8.0mm
Code No.: MI-507.17



Drill Sleeve 3.2mm
Code No.: MI-507.18



Drill Sleeve, 8.0/4.5mm
Code No.: MI-507.19



Depth Guage (Extra Larger)
Code No.: MI-507.16



Extractor- Impactor
Code No.: MI-721.006



Spanner
Code No.: MI-507.67



Unreamed Humerals Nails

Code No.	Dia. mm	Length mm
MI-UHN-67-19	6.5	190
MI-UHN-67-20	6.5	200
MI-UHN-67-21	6.5	210
MI-UHN-67-22	6.5	220
MI-UHN-67-23	6.5	230
MI-UHN-67-24	6.5	240
MI-UHN-67-25	6.5	250
MI-UHN-67-26	6.5	260
MI-UHN-67-27	6.5	270
MI-UHN-67-28	6.5	280
MI-UHN-67-29	6.5	290
MI-UHN-67-30	6.5	300
MI-UHN-75-19	7.5	190
MI-UHN-75-20	7.5	200
MI-UHN-75-21	7.5	210
MI-UHN-75-22	7.5	220
MI-UHN-75-23	7.5	230
MI-UHN-75-24	7.5	240
MI-UHN-75-25	7.5	250
MI-UHN-75-26	7.5	260
MI-UHN-75-27	7.5	270
MI-UHN-75-28	7.5	280
MI-UHN-75-29	7.5	290
MI-UHN-75-30	7.5	300
MI-UHN-75-31	7.5	310
MI-UHN-75-32	7.5	320

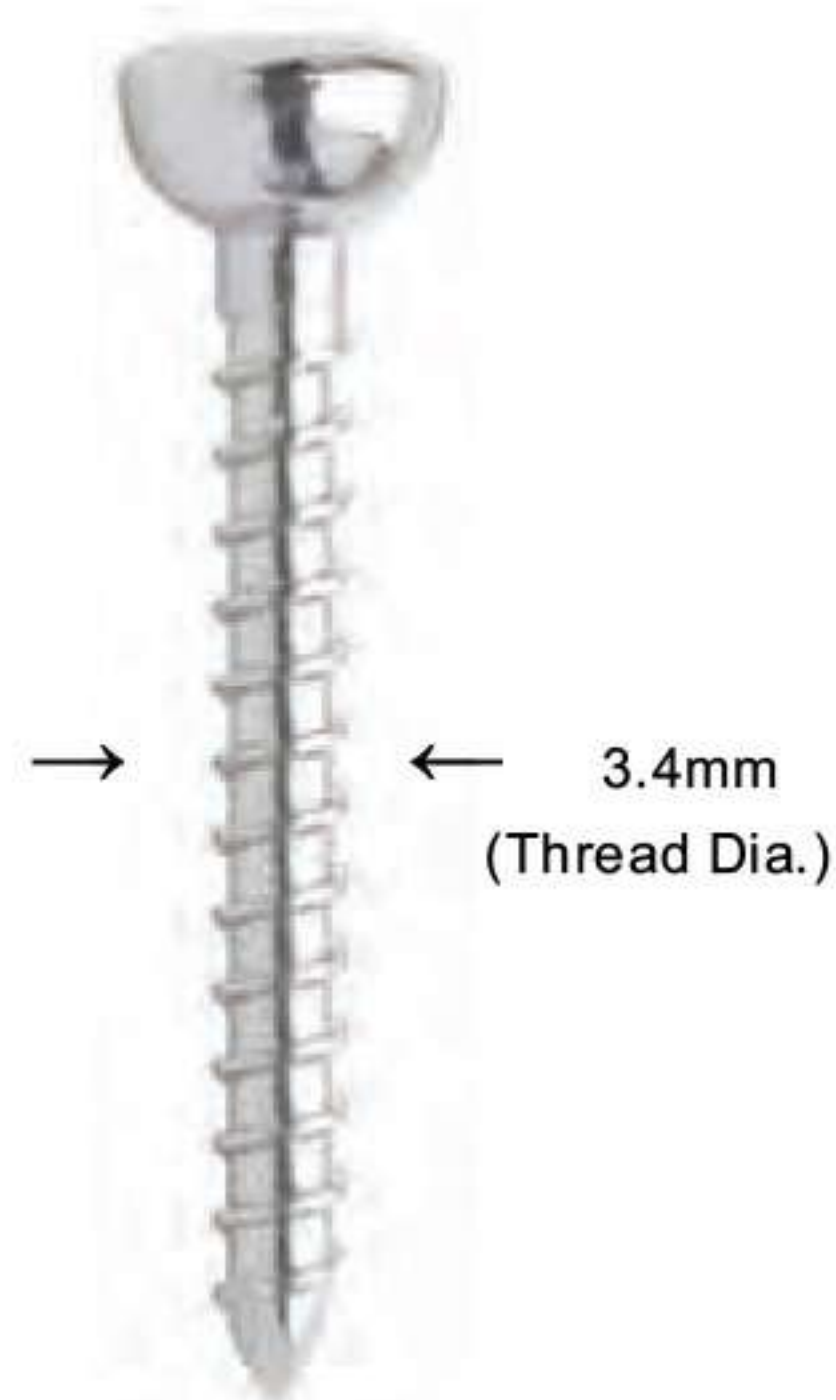


Cannulated Humeral Nails

Code No.	Dia. mm	Length mm
MI-CHN-67-19	6.7	190
MI-CHN-67-20	6.7	200
MI-CHN-67-21	6.7	210
MI-CHN-67-22	6.7	220
MI-CHN-67-23	6.7	230
MI-CHN-67-24	6.7	240
MI-CHN-67-25	6.7	250
MI-CHN-67-26	6.7	260
MI-CHN-67-27	6.7	270
MI-CHN-67-28	6.7	280
MI-CHN-67-29	6.7	290
MI-CHN-67-30	6.7	300
MI-CHN-75-19	7.5	190
MI-CHN-75-20	7.5	200
MI-CHN-75-21	7.5	210
MI-CHN-75-22	7.5	220
MI-CHN-75-23	7.5	230
MI-CHN-75-24	7.5	240
MI-CHN-75-25	7.5	250
MI-CHN-75-26	7.5	260
MI-CHN-75-27	7.5	270
MI-CHN-75-28	7.5	280
MI-CHN-75-29	7.5	290
MI-CHN-75-30	7.5	300
MI-CHN-75-31	7.5	310
MI-CHN-75-32	7.5	320



3.4MM LOCKING BOLTS,
SELF TAPPING



Code No.	Length mm
MI-043-20	20
MI-043-22	22
MI-043-24	24
MI-043-26	26
MI-043-28	28
MI-043-30	30
MI-043-32	32
MI-043-34	34
MI-043-36	36
MI-043-38	38
MI-043-40	40
MI-043-42	42
MI-043-44	44
MI-043-46	46
MI-043-48	48
MI-043-50	50
MI-043-52	52
MI-043-54	54
MI-043-56	56
MI-043-58	58
MI-043-60	60



End Caps for Humeral Nail

Code No.	Dia. mm	Ext. mm
MI-044.100	5.5	0.0
MI-044.105	8.0	5.0
MI-044.110	8.0	10.0
MI-044.115	8.0	15.0

INSTRUMENTS SET FOR HUMERUS NAILS



INSTRUMENT SET FOR HUMERUS NAILS

Code No.: RI-IS065

Set Consisting of: Units

REMAINING INSTRUMENTS

MI-506.01	Screw Holding Forceps.	1
MI-506.02	Proximal Jig	1
MI-506.03	Cannulated Bone Awl	1
MI-702.008	Slotted Hammer	1
MI-506.05	Sleeve 8.0mm	1
MI-506.06	Sleeve 2.7mm	1
MI-506.07	Sleeve Trocar	1
MI-506.08	Depth Gauge	1
MI-506.09	Extractor/Impactor	1
MI-506.10	Conical Reamer	1
MI-506.11	Nail Holding Bolt (Connecting Bolt)	1
MI-506.14	Quick Coupling Handle	1
MI-201.28	Drill Bit 2.7mm x 200mm	1
MI-208.18	Screw Driver (Extra Long)	1
MI-506.17	Spanner 11mm	1
MI-248.10	S.S. Box with Two Trays.....	1

OPTIONAL INSTRUMENTS

MI-506.12	Compression Device	1
MI-506.13	Nail Holding Bolt for Compression	1



Proximal Jig Code
No.: MI-506.02



Nail Holding Bolt (Connecting Bolt)
Code No.: MI-506.11



Quick Coupling Handle
Code No.: MI-506.14



Cannulated Bone Awl
Code No.: MI-506.03



Extractor/Impactor
Code No.: MI-506.09



Sleeve Trocar
Code No.: MI-506.07



Sleeve 8.0mm
Code No.: MI-506.05



Sleeve 2.7mm
Code No.: MI-506.06

MASROOR INSTRUMENTS



Slotted Hammer
Code No.: MI-702.008



Large Hexagonal Screw Driver
Code No.: MI-208.18



Drill Bit 2.7mm x 200mm
Code No.: MI-201.28



Depth Gauge Code
No.: MI-506.08



Screw Holding Forcep
Code No.: MI-506.01

☐ OPTIONAL INSTRUMENTS FOR HUMERUS NAILS



Compression Device
Code No.: MI-506.12



Nail Holding Bolt for Compression
Code No.: MI-506.13



KUNTSCHER CLOVERLEAF NAILS

Length in cm	Diameter									
	6 mm	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm
20	MI-181.6-20	MI-181.7-20	-	-	-	-	-	-	-	-
21	MI-181.6-21	MI-181.7-21	-	-	-	-	-	-	-	-
22	MI-181.6-22	MI-181.7-22	-	-	-	-	-	-	-	-
23	MI-181.6-23	MI-181.7-23	-	-	-	-	-	-	-	-
24	MI-181.6-24	MI-181.7-24	MI-181.8-24	MI-181.9-24	-	-	-	-	-	-
25	MI-181.6-25	MI-181.7-25	MI-181.8-25	MI-181.9-25	-	-	-	-	-	-
26	MI-181.6-26	MI-181.7-26	MI-181.8-26	MI-181.9-26	MI-181.10-26	MI-181.11-26	MI-181.12-26	MI-181.13-26	MI-181.14-26	MI-181.15-26
27	MI-181.6-27	MI-181.7-27	MI-181.8-27	MI-181.9-27	MI-181.10-27	MI-181.11-27	MI-181.12-27	MI-181.13-27	MI-181.14-27	MI-181.15-27
28	MI-181.6-28	MI-181.7-28	MI-181.8-28	MI-181.9-28	MI-181.10-28	MI-181.11-28	MI-181.12-28	MI-181.13-28	MI-181.14-28	MI-181.15-28
29	MI-181.6-29	MI-181.7-29	MI-181.8-29	MI-181.9-29	MI-181.10-29	MI-181.11-29	MI-181.12-29	MI-181.13-29	MI-181.14-29	MI-181.15-29
30	MI-181.6-30	MI-181.7-30	MI-181.8-30	MI-181.9-30	MI-181.10-30	MI-181.11-30	MI-181.12-30	MI-181.13-30	MI-181.14-30	MI-181.15-30
31	MI-181.6-31	MI-181.7-31	MI-181.8-31	MI-181.9-31	MI-181.10-31	MI-181.11-31	MI-181.12-31	MI-181.13-31	MI-181.14-31	MI-181.15-31
32	MI-181.6-32	MI-181.7-32	MI-181.8-32	MI-181.9-32	MI-181.10-32	MI-181.11-32	MI-181.12-32	MI-181.13-32	MI-181.14-32	MI-181.15-32
33	MI-181.6-33	MI-181.7-33	MI-181.8-33	MI-181.9-33	MI-181.10-33	MI-181.11-33	MI-181.12-33	MI-181.13-33	MI-181.14-33	MI-181.15-33
34	MI-181.6-34	MI-181.7-34	MI-181.8-34	MI-181.9-34	MI-181.10-34	MI-181.11-34	MI-181.12-34	MI-181.13-34	MI-181.14-34	MI-181.15-34
35	MI-181.6-35	MI-181.7-35	MI-181.8-35	MI-181.9-35	MI-181.10-35	MI-181.11-35	MI-181.12-35	MI-181.13-35	MI-181.14-35	MI-181.15-35
36	MI-181.6-36	MI-181.7-36	MI-181.8-36	MI-181.9-36	MI-181.10-36	MI-181.11-36	MI-181.12-36	MI-181.13-36	MI-181.14-36	MI-181.15-36
37	MI-181.6-37	MI-181.7-37	MI-181.8-37	MI-181.9-37	MI-181.10-37	MI-181.11-37	MI-181.12-37	MI-181.13-37	MI-181.14-37	MI-181.15-37
38	MI-181.6-38	MI-181.7-38	MI-181.8-38	MI-181.9-38	MI-181.10-38	MI-181.11-38	MI-181.12-38	MI-181.13-38	MI-181.14-38	MI-181.15-38
39	MI-181.6-39	MI-181.7-39	MI-181.8-39	MI-181.9-39	MI-181.10-39	MI-181.11-39	MI-181.12-39	MI-181.13-39	MI-181.14-39	MI-181.15-39
40	MI-181.6-40	MI-181.7-40	MI-181.8-40	MI-181.9-40	MI-181.10-40	MI-181.11-40	MI-181.12-40	MI-181.13-40	MI-181.14-40	MI-181.15-40
41			MI-181.8-41	MI-181.9-41	MI-181.10-41	MI-181.11-41	MI-181.12-41	MI-181.13-41	MI-181.14-41	MI-181.15-41
42			MI-181.8-42	MI-181.9-42	MI-181.10-42	MI-181.11-42	MI-181.12-42	MI-181.13-42	MI-181.14-42	MI-181.15-42
43			MI-181.8-43	MI-181.9-43	MI-181.10-43	MI-181.11-43	MI-181.12-43	MI-181.13-43	MI-181.14-43	MI-181.15-43
44			MI-181.8-44	MI-181.9-44	MI-181.10-44	MI-181.11-44	MI-181.12-44	MI-181.13-44	MI-181.14-44	MI-181.15-44
45					MI-181.10-45	MI-181.11-45	MI-181.12-45	MI-181.13-45	MI-181.14-45	MI-181.15-45
46					MI-181.10-46	MI-181.11-46	MI-181.12-46	MI-181.13-46	MI-181.14-46	MI-181.15-46
47					MI-181.10-47	MI-181.11-47	MI-181.12-47	MI-181.13-47	MI-181.14-47	MI-181.15-47
48					MI-181.10-48	MI-181.11-48	MI-181.12-48	MI-181.13-48	MI-181.14-48	MI-181.15-48



BEND KUNTSCHER CLOVERLEAF NAIL FOR TIBIA

Length in cm	Diameter			
	7 mm	8 mm	9 mm	10 mm
26	MI-182.7-26	MI-182.8-26	MI-182.9-26	MI-182.10-26
27	MI-182.7-27	MI-182.8-27	MI-182.9-27	MI-182.10-27
28	MI-182.7-28	MI-182.8-28	MI-182.9-28	MI-182.10-28
29	MI-182.7-29	MI-182.8-29	MI-182.9-29	MI-182.10-29
30	MI-182.7-30	MI-182.8-30	MI-182.9-30	MI-182.10-30
31	MI-182.7-31	MI-182.8-31	MI-182.9-31	MI-182.10-31
32	MI-182.7-32	MI-182.8-32	MI-182.9-32	MI-182.10-32
33	MI-182.7-33	MI-182.8-33	MI-182.9-33	MI-182.10-33
34	MI-182.7-34	MI-182.8-34	MI-182.9-34	MI-182.10-34
35	MI-182.7-35	MI-182.8-35	MI-182.9-35	MI-182.10-35
36	MI-182.7-36	MI-182.8-36	MI-182.9-36	MI-182.10-36
37	MI-182.7-37	MI-182.8-37	MI-182.9-37	MI-182.10-37
38	MI-182.7-38	MI-182.8-38	MI-182.9-38	MI-182.10-38
39	MI-182.7-39	MI-182.8-39	MI-182.9-39	MI-182.10-39
40	MI-182.7-40	MI-182.8-40	MI-182.9-40	MI-182.10-40
41	MI-182.7-41	MI-182.8-41	MI-182.9-41	MI-182.10-41
42	MI-182.7-42	MI-182.8-42	MI-182.9-42	MI-182.10-42
43	MI-182.7-43	MI-182.8-43	MI-182.9-43	MI-182.10-43
44	MI-182.7-44	MI-182.8-44	MI-182.9-44	MI-182.10-44

INSTRUMENTS FOR KUNTSCHER NAILS

Code No.	Description
MI-384.002	K.Nail Driver
MI-384.004	K.Nail Impactor/Setting Device
MI-384.006	K.Nail Extractor with Two Hooks
MI-384.008	K.Nail Measuring Gauge
MI-384.010	Diamond Pointed Awl



K.Nail Driver
Code No.MI-384.002



K.Nail Impactor/Setting Device
Code No.MI-384.004



K. NAIL REAMERS

Code No.	Size mm
MI-384.020	6
MI-384.022	7
MI-384.024	8
MI-384.026	9
MI-384.028	10
MI-384.030	11
MI-384.032	12
MI-384.034	13
MI-384.036	14



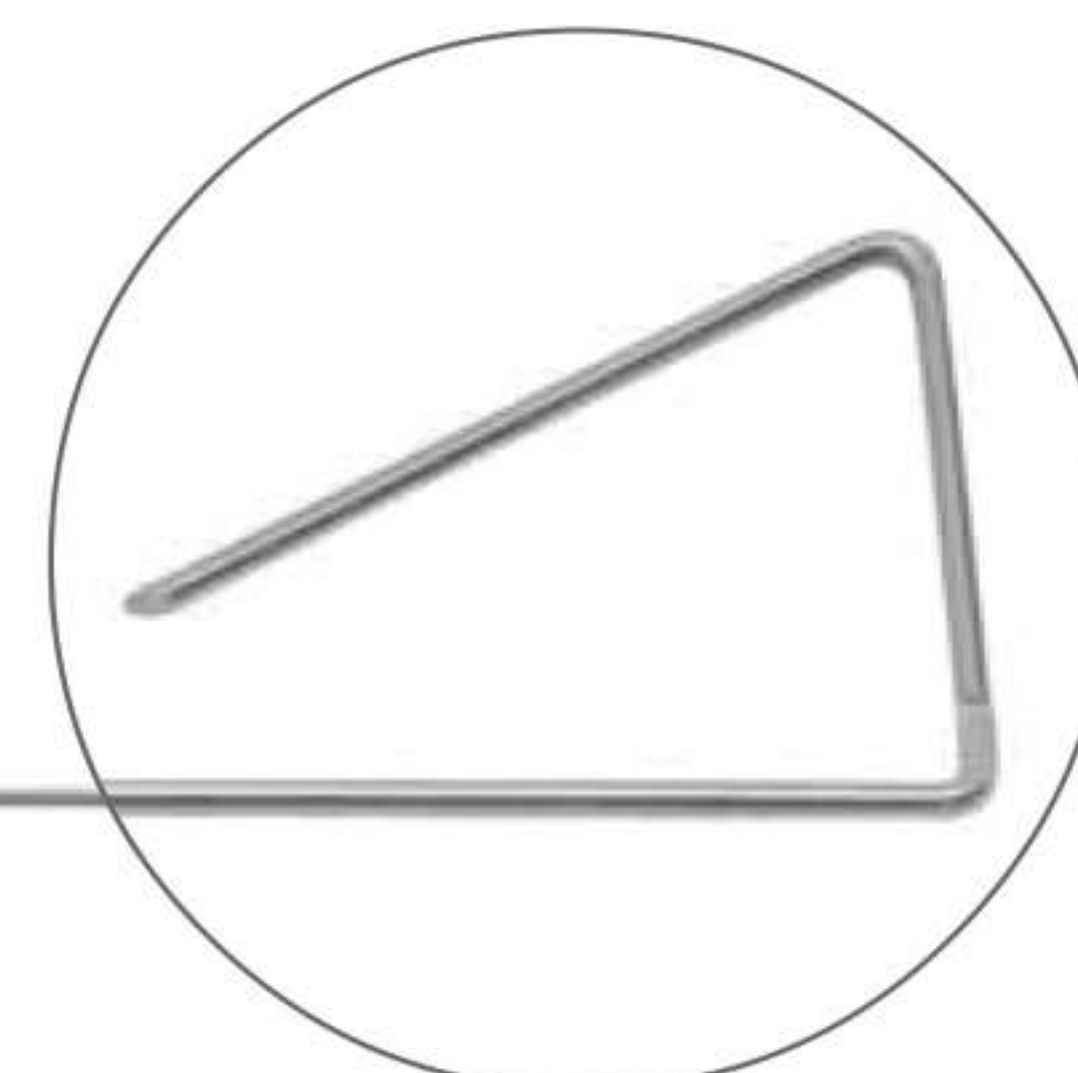
K.Nail Measuring Gauge
Code No.MI-384.008



Spare Hook for K. Nail Extractor
Code No.MI-384.040



Diamond Pointed Awl
Code No.: RI-384.010



Guide Wire for Kuntcher Nails
2.5mm for 6 & 7mm Nails
Code No.: RI-384.012

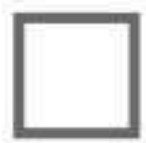
Code No.	Description
MI-384.006	K.Nail Extractor with Two Hooks
MI-384.042	K.Nail Extractor Set - Slide Hammer with Handle



SQUARE NAIL FOR RADIUS						
Lengt h n cm	1.5mm	2mm	2.5mm	3mm	3.5mm	4mm
17	MI-183.15-17	MI-183.20-17	MI-183.25-17	-	-	-
18	MI-183.15-18	MI-183.20-18	MI-183.25-18	-	-	-
19	MI-183.15-19	MI-183.20-19	MI-183.25-19	-	-	-
20	MI-183.15-20	MI-183.20-20	MI-183.25-20	MI-183.30-20	MI-183.35-20	MI-183.4-20
21	MI-183.15-21	MI-183.20-21	MI-183.25-21	MI-183.30-21	MI-183.35-21	MI-183.4-21
22	MI-183.15-22	MI-183.20-22	MI-183.25-22	MI-183.30-22	MI-183.35-22	MI-183.4-22
23	MI-183.15-23	MI-183.20-23	MI-183.25-23	MI-183.30-23	MI-183.35-23	MI-183.4-23
24	MI-183.15-24	MI-183.20-24	MI-183.25-24	MI-183.30-24	MI-183.35-24	MI-183.4-24
25	MI-183.15-25	MI-183.20-25	MI-183.25-25	MI-183.30-25	MI-183.35-25	MI-183.4-25
26	MI-183.15-26	MI-183.20-26	MI-183.25-26	MI-183.30-26	MI-183.35-26	MI-183.4-26
27	MI-183.15-27	MI-183.20-27	MI-183.25-27	MI-183.30-27	MI-183.35-27	MI-183.4-27
28	MI-183.15-28	MI-183.20-28	MI-183.25-28	MI-183.30-28	MI-183.35-28	MI-183.4-28
29	MI-183.15-29	MI-183.20-29	MI-183.25-29	MI-183.30-29	MI-183.35-29	MI-183.4-29
30	MI-183.15-30	MI-183.20-30	MI-183.25-30	MI-183.30-30	MI-183.35-30	MI-183.4-30

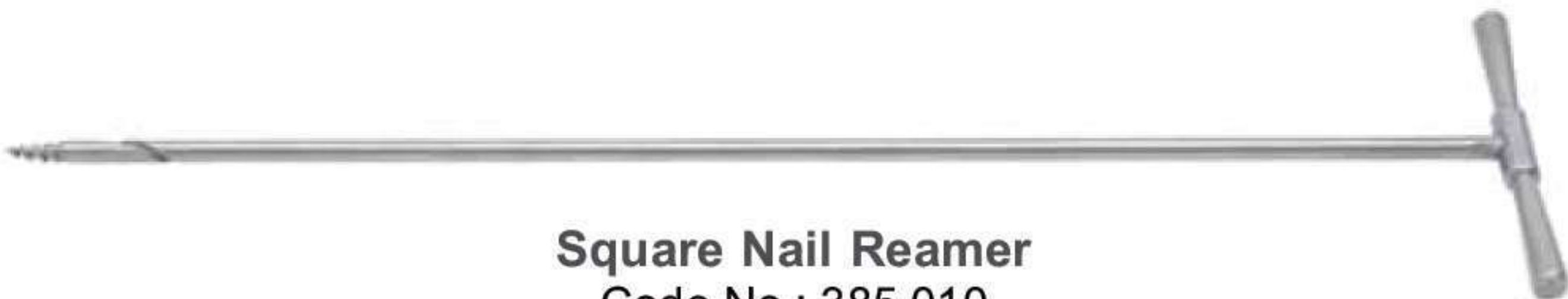


SQUARE NAIL FOR ULNA						
Lengt h n cm	Diameter					
	1.5mm	2mm	2.5mm	3mm	3.5mm	4mm
17	MI-183.15-17	MI-183.20-17	MI-183.25-17	-	-	-
18	MI-183.15-18	MI-183.20-18	MI-183.25-18	-	-	-
19	MI-183.15-19	MI-183.20-19	MI-183.25-19	-	-	-
20	MI-183.15-20	MI-183.20-20	MI-183.25-20	MI-183.30-20	MI-183.35-20	MI-183.4-20
21	MI-183.15-21	MI-183.20-21	MI-183.25-21	MI-183.30-21	MI-183.35-21	MI-183.4-21
22	MI-183.15-22	MI-183.20-22	MI-183.25-22	MI-183.30-22	MI-183.35-22	MI-183.4-22
23	MI-183.15-23	MI-183.20-23	MI-183.25-23	MI-183.30-23	MI-183.35-23	MI-183.4-23
24	MI-183.15-24	MI-183.20-24	MI-183.25-24	MI-183.30-24	MI-183.35-24	MI-183.4-24
25	MI-183.15-25	MI-183.20-25	MI-183.25-25	MI-183.30-25	MI-183.35-25	MI-183.4-25
26	MI-183.15-26	MI-183.20-26	MI-183.25-26	MI-183.30-26	MI-183.35-26	MI-183.4-26
27	MI-183.15-27	MI-183.20-27	MI-183.25-27	MI-183.30-27	MI-183.35-27	MI-183.4-27
28	MI-183.15-28	MI-183.20-28	MI-183.25-28	MI-183.30-28	MI-183.35-28	MI-183.4-28
29	MI-183.15-29	MI-183.20-29	MI-183.25-29	MI-183.30-29	MI-183.35-29	MI-183.4-29
30	MI-183.15-30	MI-183.20-30	MI-183.25-30	MI-183.30-30	MI-183.35-30	MI-183.4-30



INSTRUMENTS FOR SQUARE NAILS

Code No.	Description
385.002 to 385.010 to 385.020 to 385.101	Impactor for Square Nails (in Four Sizes) Square Nail Reamer, Sizes: 2, 2.5, 3, 3.5 & 4mm dia Square Nail Extractor Hook (Four Sizes) Rush Nail Impactor/ Introducer



Square Nail Reamer

Code No.: 385.010

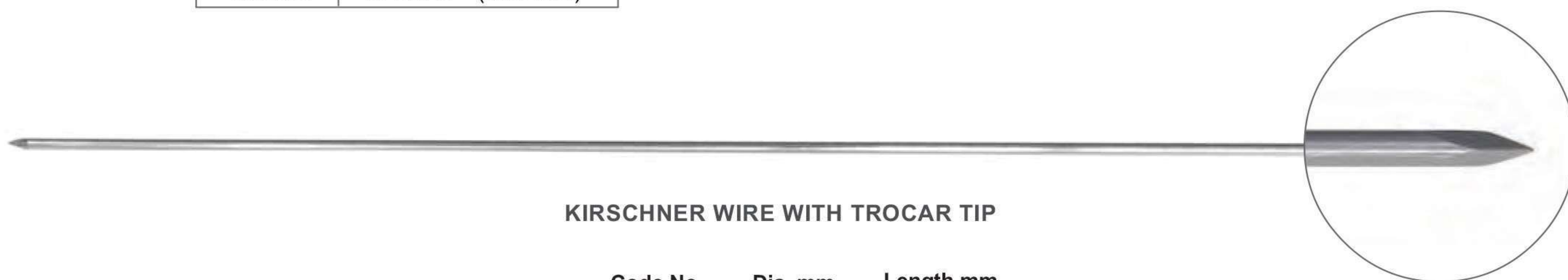


Square Nail Extractor Hook

Code No.: 385.020

STAINLESS STEEL SUTURE WIRE

Code No.	Size
184.216	16 SWG (1.6 mm)
184.217	17 SWG (1.5 mm)
184.218	18 SWG (1.25 mm)
184.219	19 SWG (1 mm)
184.220	20 SWG (0.9 mm)
184.221	21 SWG (0.8 mm)
184.222	22 SWG (0.7 mm)
184.223	23 SWG (0.6 mm)
184.224	24 SWG (0.55 mm)
184.226	26 SWG (0.45 mm)
184.228	28 SWG (0.35 mm)
184.230	30 SWG (0.30 mm)



KIRSCHNER WIRE WITH TROCAR TIP

Code No.	Dia. mm	Length mm
MI-185.101	0.8	70
MI-185.102	0.8	100
MI-185.103	0.8	150
MI-185.108	0.9	70
MI-185.109	0.9	100
MI-185.110	0.9	150
MI-185.115	1.0	100
MI-185.116	1.0	150
MI-185.117	1.0	225
MI-185.121	1.1	100
MI-185.122	1.1	150
MI-185.123	1.1	225
MI-185.126	1.2	100
MI-185.127	1.2	150
MI-185.128	1.2	225
MI-185.131	1.4	100
MI-185.132	1.4	150
MI-185.133	1.4	225
MI-185.140	1.5	150
MI-185.141	1.5	225
MI-185.142	1.5	300
MI-185.146	1.6	150
MI-185.147	1.6	225
MI-185.148	1.6	300
MI-185.150	1.8	150
MI-185.151	1.8	225
MI-185.152	1.8	300
MI-185.156	2.0	150
MI-185.157	2.0	225
MI-185.158	2.0	300
MI-185.166	2.2	150
MI-185.167	2.2	225
MI-185.168	2.2	300
MI-185.176	2.3	150
MI-185.177	2.3	225
MI-185.178	2.3	300
MI-185.186	2.5	150
MI-185.187	2.5	225
MI-185.188	2.5	300
MI-185.196	3.0	150
MI-185.197	3.0	225
MI-185.198	3.0	300

THREADED KIRSCHNER WIRE

Code No.	Dia. mm	Length mm
MI-185.215	1.5	225
MI-185.220	2.0	225
MI-185.225	2.5	225
MI-185.315	1.5	150
MI-185.320	2.0	150
MI-185.325	2.5	150

RUSH NAILS

Length in cm	2mm	2.5mm	3mm	Diameters 3.5mm	4mm	5mm	6mm
5	MI-186.20-5	-	-	-	-	-	-
6	MI-186.20-6	-	-	-	-	-	-
7	MI-186.20-7	-	-	-	-	-	-
8	MI-186.20-8	-	-	-	-	-	-
9	MI-186.20-9	-	-	-	-	-	-
10	MI-186.20-10	MI-186.25-10	MI-186.30-10	MI-186.35-10	-	-	-
11	MI-186.20-11	MI-186.25-11	MI-186.30-11	MI-186.35-11	-	-	-
12	MI-186.20-12	MI-186.25-12	MI-186.30-12	MI-186.35-12	-	-	-
13	MI-186.20-13	MI-186.25-13	MI-186.30-13	MI-186.35-13	-	-	-
14	MI-186.20-14	MI-186.25-14	MI-186.30-14	MI-186.35-14	-	-	-
15	MI-186.20-15	MI-186.25-15	MI-186.30-15	MI-186.35-15	MI-186.40-15	-	-
16	MI-186.20-16	MI-186.25-16	MI-186.30-16	MI-186.35-16	MI-186.40-16	-	-
17	MI-186.20-17	MI-186.25-17	MI-186.30-17	MI-186.35-17	MI-186.40-17	-	-
18	MI-186.20-18	MI-186.25-18	MI-186.30-18	MI-186.35-18	MI-186.40-18	-	-
19	MI-186.20-19	MI-186.25-19	MI-186.30-19	MI-186.35-19	MI-186.40-19	-	-
20	MI-186.20-20	MI-186.25-20	MI-186.30-20	MI-186.35-20	MI-186.40-20	MI-186.50-20	MI-186.60-20
21	MI-186.20-21	MI-186.25-21	MI-186.30-21	MI-186.35-21	MI-186.40-21	MI-186.50-21	MI-186.60-21
22	MI-186.20-22	MI-186.25-22	MI-186.30-22	MI-186.35-22	MI-186.40-22	MI-186.50-22	MI-186.60-22
23	MI-186.20-23	MI-186.25-23	MI-186.30-23	MI-186.35-23	MI-186.40-23	MI-186.50-23	MI-186.60-23
24	MI-186.20-24	MI-186.25-24	MI-186.30-24	MI-186.35-24	MI-186.40-24	MI-186.50-24	MI-186.60-24
25	MI-186.20-25	MI-186.25-25	MI-186.30-25	MI-186.35-25	MI-186.40-25	MI-186.50-25	MI-186.60-25
26	-	MI-186.25-26	MI-186.30-26	MI-186.35-26	MI-186.40-26	MI-186.50-26	MI-186.60-26
27	-	MI-186.25-27	MI-186.30-27	MI-186.35-27	MI-186.40-27	MI-186.50-27	MI-186.60-27
28	-	MI-186.25-28	MI-186.30-28	MI-186.35-28	MI-186.40-28	MI-186.50-28	MI-186.60-28
29	-	MI-186.25-29	MI-186.30-29	MI-186.35-29	MI-186.40-29	MI-186.50-29	MI-186.60-29
30	-	MI-186.25-30	MI-186.30-30	MI-186.35-30	MI-186.40-30	MI-186.50-30	MI-186.60-30
31	-	-	-	-	MI-186.40-31	MI-186.50-31	MI-186.60-31
32	-	-	-	-	MI-186.40-32	MI-186.50-32	MI-186.60-32
33	-	-	-	-	MI-186.40-33	MI-186.50-33	MI-186.60-33
35	-	-	-	-	MI-186.40-35	MI-186.50-35	MI-186.60-35
36	-	-	-	-	MI-186.40-36	MI-186.50-36	MI-186.60-36
37	-	-	-	-	MI-186.40-37	MI-186.50-37	MI-186.60-37
38	-	-	-	-	MI-186.40-38	MI-186.50-38	MI-186.60-38
39	-	-	-	-	MI-186.40-39	MI-186.50-39	MI-186.60-39
40	-	-	-	-	MI-186.40-40	MI-186.50-40	MI-186.60-40



STEINMAN PINS

Length in cm	Diameter				
	3 mm	3.5 mm	4 mm	4.5 mm	5 mm
150	MI-187.30-150	MI-187.35-150	MI-187.40-150	MI-187.45-150	MI-187.50-150
175	MI-187.30-175	MI-187.35-175	MI-187.40-175	MI-187.45-175	MI-187.50-175
200	MI-187.30-200	MI-187.35-200	MI-187.40-200	MI-187.45-200	MI-187.50-200
225	MI-187.30-225	MI-187.35-225	MI-187.40-225	MI-187.45-225	MI-187.50-225



CENTRALLY THREADED STEINMEN PIN

Code No.	Dia. mm	Length mm
MI-188.040	4.0	225
MI-188.045	4.5	225
MI-188.050	5.0	225
MI-188.060	6.0	225

Profile:
Trocarn Tip, Thread Diameter 0.5mm Larger
than Pin Diameter.



STAPLES - U TYPE

Dia. in mm	Width		
	15 mm	20 mm	25 mm
1.5	MI-189.101	MI-189.102	MI-189.103
2.0	MI-189.201	MI-189.202	MI-189.203
2.5	MI-189.301	MI-189.302	MI-189.303
3.0	MI-189.401	MI-189.402	MI-189.403

Profile:
Height: 20 mm

STAPLES - COVENTARY

Code No.	Length mm
MI-190.005	5 mm Step
MI-190.010	10 mm Step
MI-190.015	15 mm Step

□ INSTRUMENTS FOR STAPLES

IIINSTRUMENTS FOR
'U' STAPLES

Code No.	Description
MI-411.015	Staple - Inserter
MI-411.020	Staple - Impactor
MI-411.025	Staple - Extractor

INSTRUMENTS FOR
CONVENTARY STAPLES

Code No.	Description
MI-410.015	Staple - Inserter
MI-410.020	Staple - Impactor
MI-410.025	Staple - Extractor



AUSTIN MOORE PINS - 3MM DIA.
WITH 2 NUTS



KNOWLES PIN

Code No.	Length mm
MI-191.001	50
MI-191.002	55
MI-191.003	60
MI-191.004	65
MI-191.005	70
MI-191.006	75
MI-191.007	80
MI-191.008	85
MI-191.009	90
MI-191.010	95
MI-191.011	100
MI-191.012	105
MI-191.013	110
MI-191.014	115
MI-191.015	120
MI-191.016	125
MI-191.017	130
MI-191.018	135
MI-191.019	140
MI-191.020	145
MI-191.021	150

Code No.	Dia. mm	Length mm
MI-192.001	3	65
MI-192.002	3	70
MI-192.003	3	75
MI-192.004	3	80
MI-192.005	3	85
MI-192.006	3	90
MI-192.007	3	95
MI-192.008	3	100
MI-192.021	4	65
MI-192.022	4	70
MI-192.023	4	75
MI-192.024	4	80
MI-192.025	4	85
MI-192.026	4	90
MI-192.027	4	95
MI-192.028	4	100

MASROOR INSTRUMENTS



CERCLAGE WIRE WITH LOOP

Length 280 mm	Dia.	Length 600 mm
MI-193.217	17 SWG (1.5 mm)	MI-193.317
MI-193.218	18 SWG (1.25 mm)	MI-193.318
MI-193.219	19 SWG (1 mm)	MI-193.319
MI-193.220	20 SWG (0.9 mm)	MI-193.320
MI-193.221	21 SWG (0.8 mm)	MI-193.321

PINS & WIRE INSTRUMENTS

Code No.	Description
MI-321.010	Wire Twister - Circular
MI-321.020	Wire Tightner with Two Pegs
MI-321.030	Wire Tightner/Twister
MI-321.031	Wire Tightner cum Twister cum Cutter
MI-322.010	K.Wire Introducer
MI-322.030	K. Wire Bender
MI-322.040 to 042	K. Wire Tractor-Small, Medium, Large
MI-323.010 to 030	Wire Passer - Small, Medium, Large
MI-324.010	Plier cum Wire Bender
MI-324.030	Plier cum Wire Bender cum Wire Cutter, 9"
MI-324.040	Plier cum Wire Bender cum Wire Cutter, 11"
MI-324.050	Flat Nose Plier
MI-325.010	Steinman Pin Introducer with spare S.S.Chuck & Key
MI-325.020	Spare S.S.Chuck & Key
MI-325.030 to 50	Steinmann Pin Holder - Small, Medium, Large
MI-325.060 to 90	Steinmann Pin Holder, Extra Large - 14", 16", 18", 20"
MI-326.010	Bone Awl
MI-327.010	Small Heck Saw with two Imported Blades
MI-327.012	Spare Blade for Small Heck Saw
MI-328.000	Tripple Drill Guide 2.0mm
MI-329.000	Long Forceps for Twisting Wire
MI-330.000	Holding Forceps for Circlage Wire
MI-331.000	Circlage Wire Tightner



Wire Tightner/Twister



Plier cum Wire Bender cum Wire Cutter
Code No.: 324.030



K - Wire Introducer
Code No.: 322.010



K. Wire Tractor-Small, Medium, Large
Code No.: 322.040 to 322.042



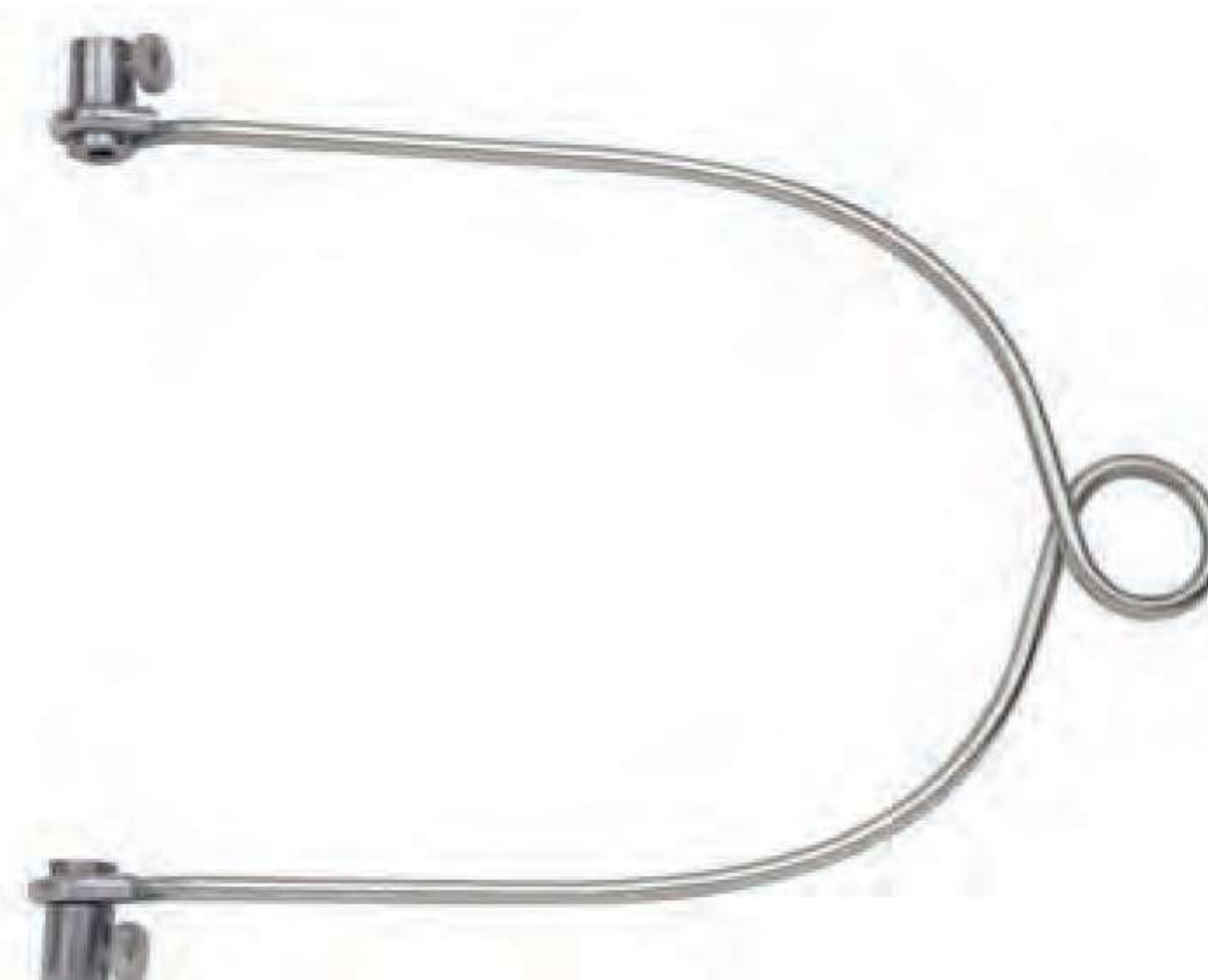
K. Wire Bender
Code No.: 322.030



Wire Passer
Code No.: 323.010



**Steinman Pin Introducer
with spare S.S.Chuck & Key**
Code No.: 325.010



Steinmann Pin Holder
Code No.: 325.030



Wire Tightner cum Twister cum Cutter
Code No.: 321.031



Tripple Drill Guide 2.0mm
Code No.: 328.000



Bone Awl with Eye
Code No.: 326.010

WIRE IMPLANTS & INSTRUMENT SET Code No.: MI-IS025

Set Consisting of:	Units
REMAINING INSTRUMENTS	
Wire Tightner Cum Twister	1
Wire Cutter Cum Plier	1
Nose Plier Cum Wire Bender	1
K.Wire Bender	1
Wire Passer.....	2
K.Wire Introducer	1
T-Handle with Chuck	1
Bone Awl	1
IMPLANTS	
K.Wire : 1.0, 1.5, 2.0, 2.5, 3.0mm (15 each)	75
S.S. Wire : 18, 20, 22 SWG (2 each).....	6
Steinmann Pin : 3.5, 4.0, 4.5mm (5 each)	15
S.S.Box with Two Trays.....	1 set

□ PLATES

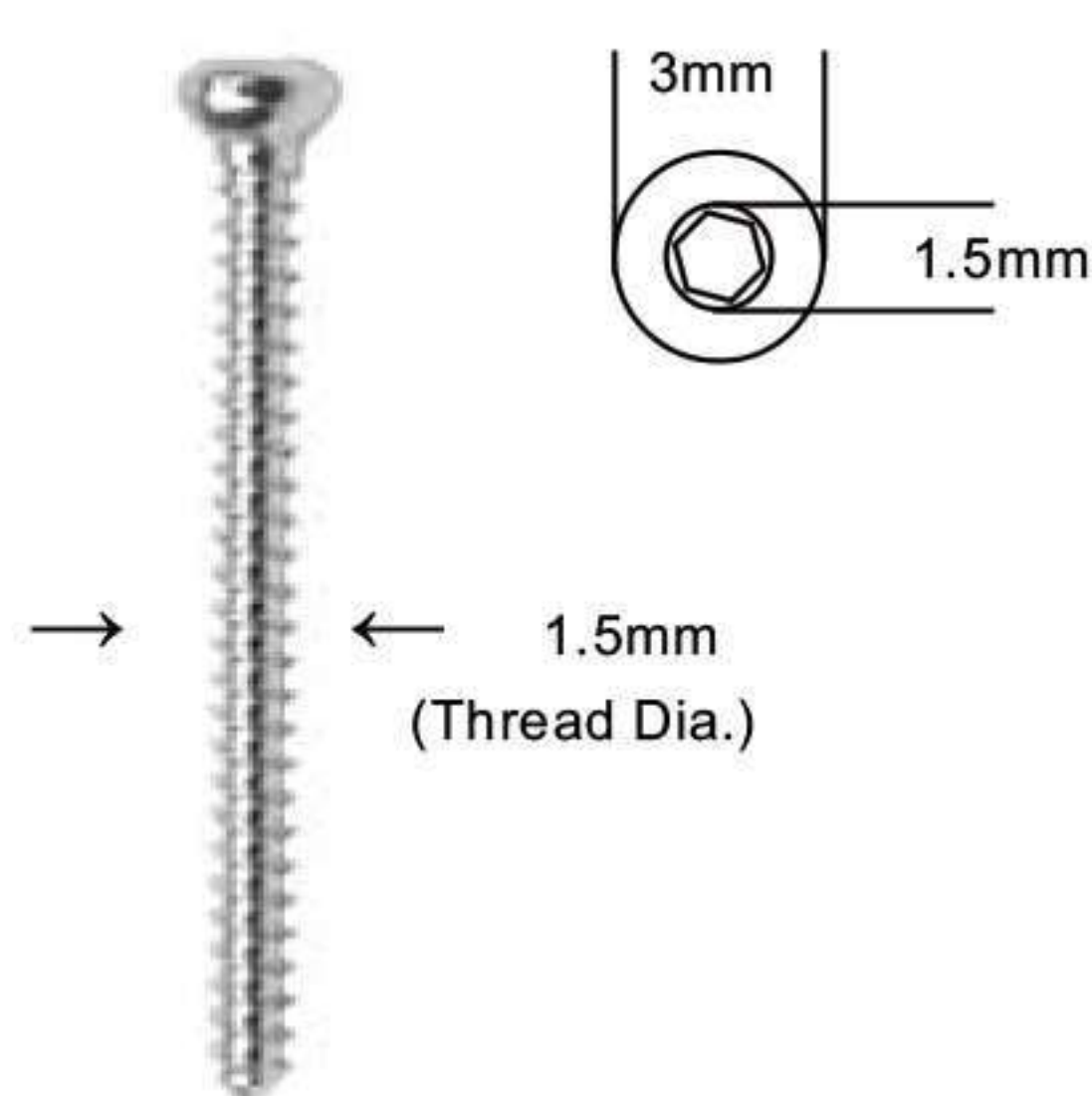


MINI STRAIGHT PLATES FOR 2MM SCREWS

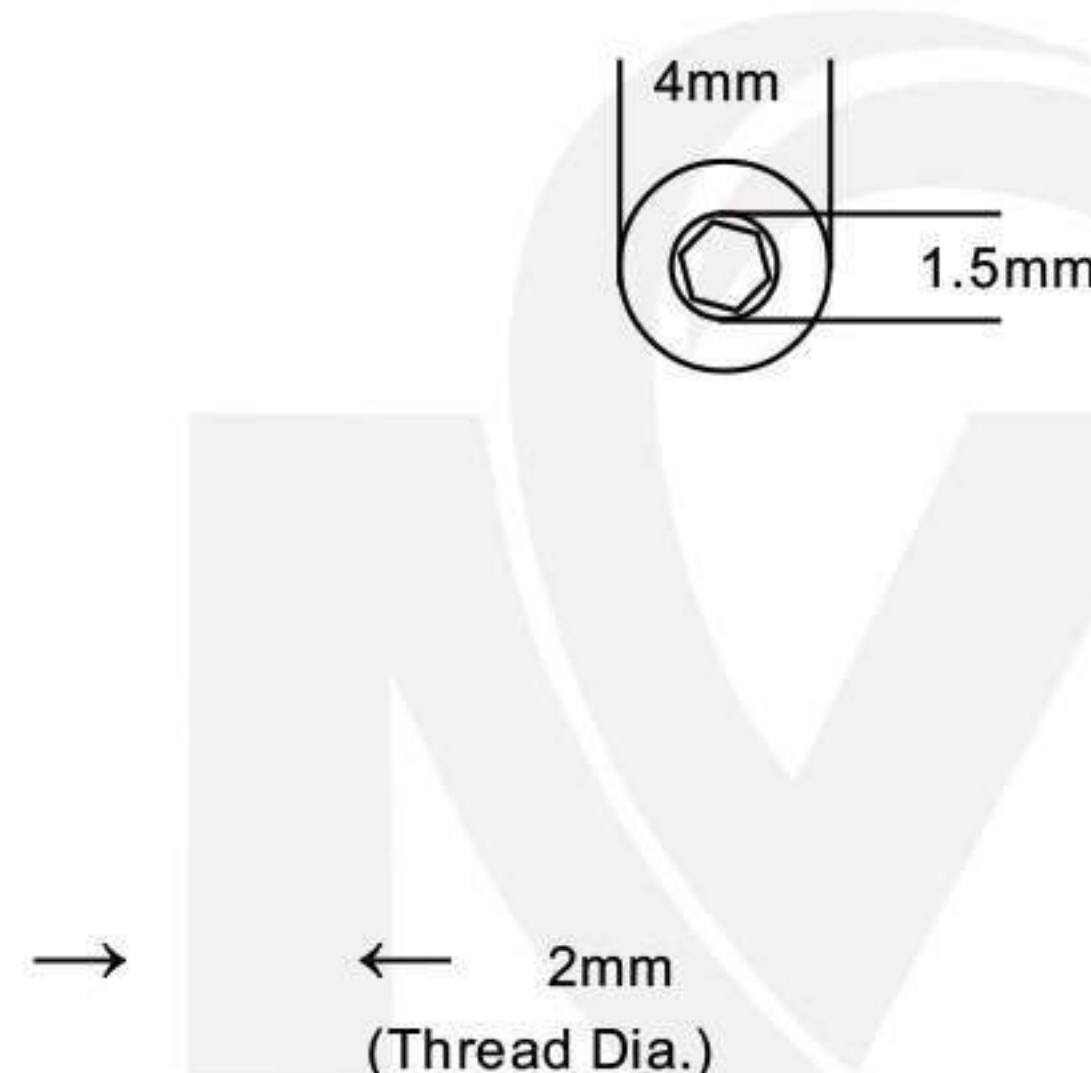
Code No.	No. of Holes
MI-121.102	2
MI-121.103	3
MI-121.104	4
MI-121.105	5
MI-121.106	6
MI-121.107	7
MI-121.108	8

□ BONE SCREWS

1.5MM CORTICAL SCREWS, MINI



2.0MM CORTICAL SCREWS, MINI



Code No.	Length mm
MI-118.006	6
MI-118.007	7
MI-118.008	8
MI-118.009	9
MI-118.010	10
MI-118.011	11
MI-118.012	12
MI-118.014	14
MI-118.016	16
MI-118.018	18
MI-118.020	20

Profile:
Drill Bit for Threaded Hole: 1.1mm
Drill Bit for Gliding Hole: 1.5mm

Code No.	Length mm
MI-118.106	6
MI-118.107	7
MI-118.108	8
MI-118.109	9
MI-118.110	10
MI-118.111	11
MI-118.112	12
MI-118.114	14
MI-118.116	16
MI-118.118	18
MI-118.120	20

Profile:
Drill Bit for Threaded Hole: 1.5mm
Drill Bit for Gliding Hole: 2mm



DCP PLATES - 2.0MM

Code No.	No. of Holes
MI-121.554	4
MI-121.555	5
MI-121.556	6
MI-121.557	7
MI-121.558	8



MINI L PLATE FOR 2MM SCREWS

Profile:
Shaft with two holes & head with two holes.
Code No.: RI-122.101 for Left
Code No.: RI-122.102 for Right



MINI T PLATE FOR 2MM SCREWS

Profile:
Shaft with two holes & head with two holes.
Code No.: MI-123.100

□ PLATES

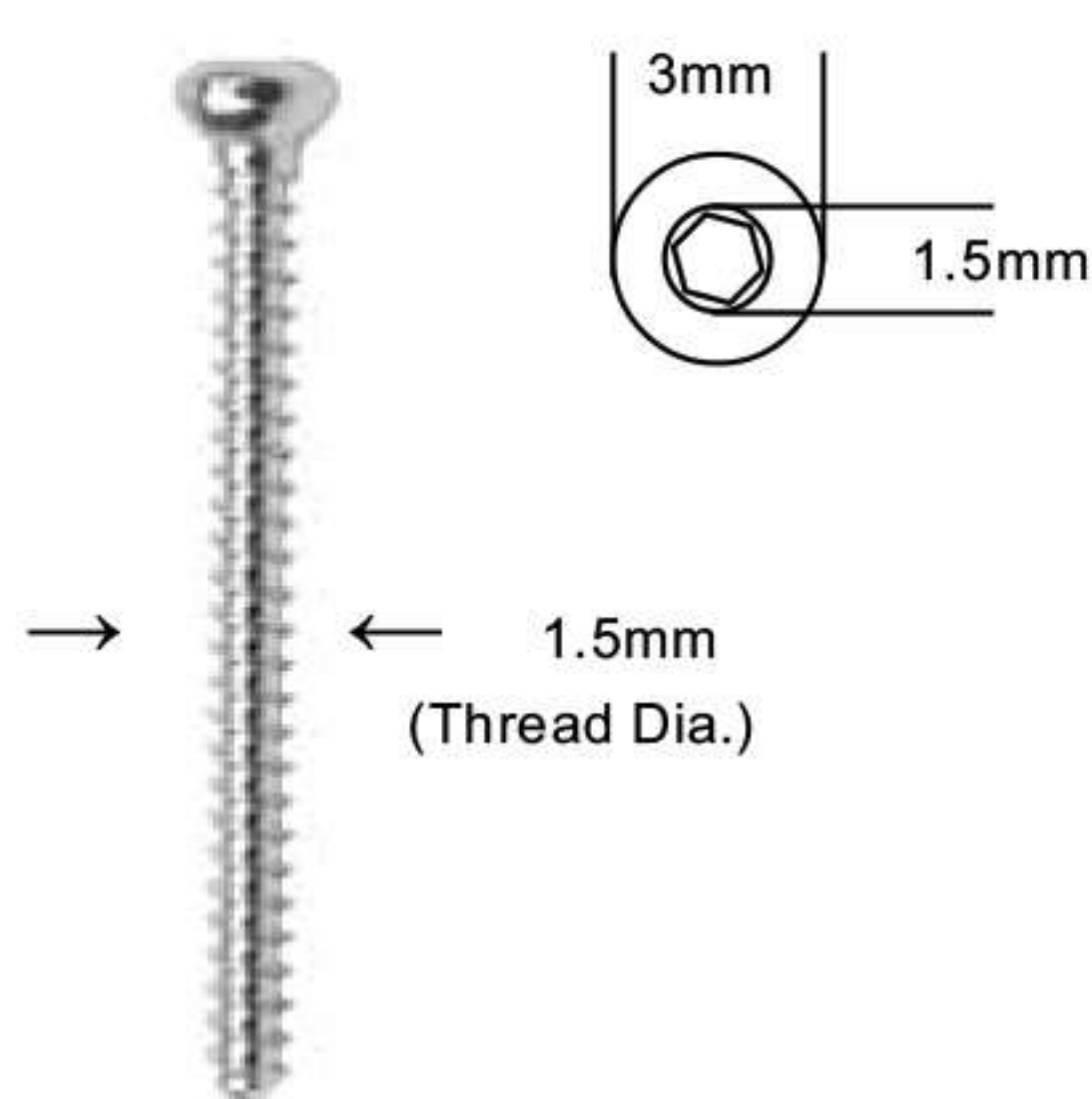


MINI STRAIGHT PLATES FOR 2MM SCREWS

Code No.	No. of Holes
MI-121.102	2
MI-121.103	3
MI-121.104	4
MI-121.105	5
MI-121.106	6
MI-121.107	7
MI-121.108	8

□ BONE SCREWS

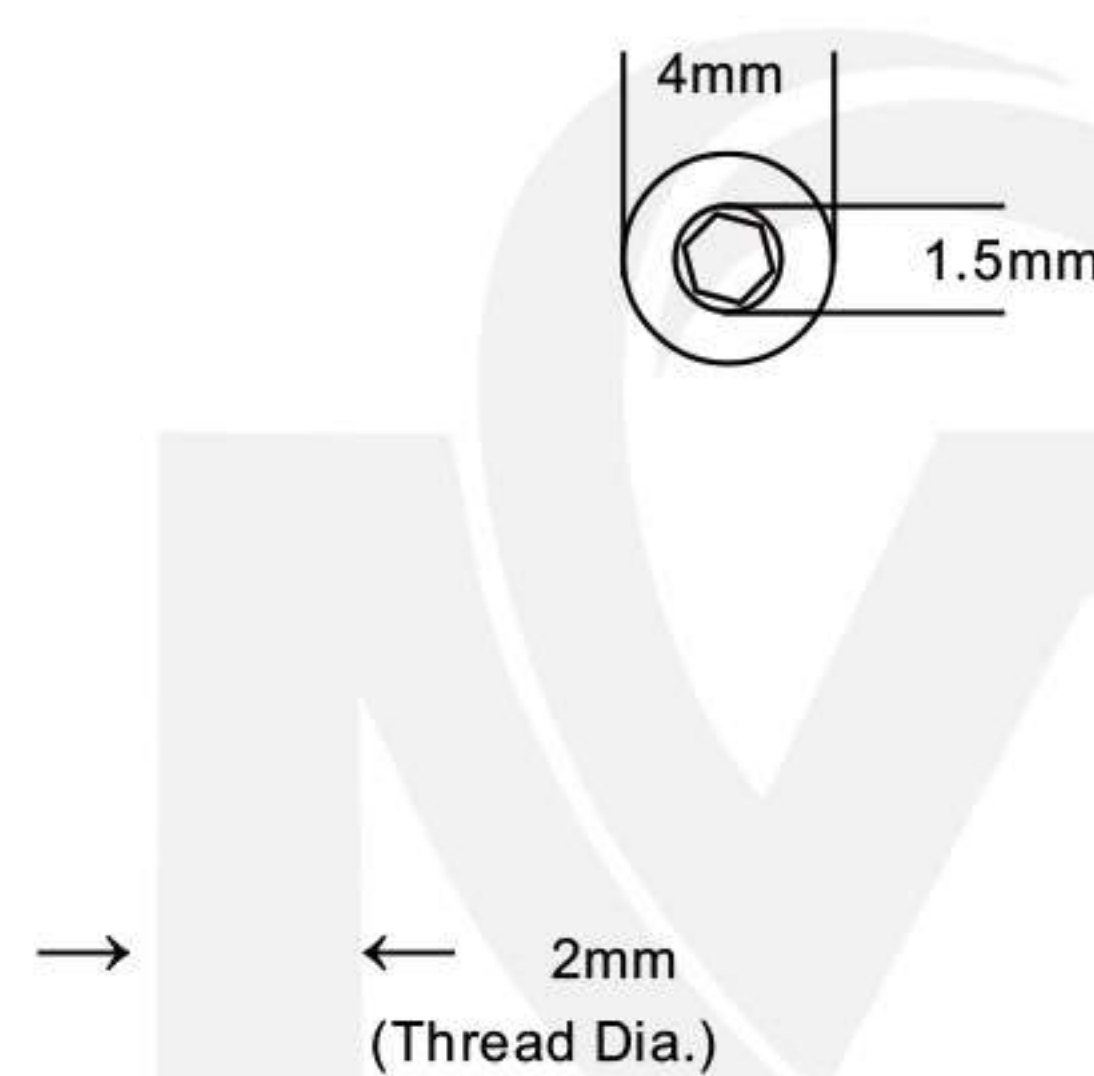
1.5MM CORTICAL SCREWS, MINI



Code No.	Length mm
MI-118.006	6
MI-118.007	7
MI-118.008	8
MI-118.009	9
MI-118.010	10
MI-118.011	11
MI-118.012	12
MI-118.014	14
MI-118.016	16
MI-118.018	18
MI-118.020	20

Profile:
Drill Bit for Threaded Hole: 1.1mm
Drill Bit for Gliding Hole: 1.5mm

2.0MM CORTICAL SCREWS, MINI



Code No.	Length mm
MI-118.106	6
MI-118.107	7
MI-118.108	8
MI-118.109	9
MI-118.110	10
MI-118.111	11
MI-118.112	12
MI-118.114	14
MI-118.116	16
MI-118.118	18
MI-118.120	20

Profile:
Drill Bit for Threaded Hole: 1.5mm
Drill Bit for Gliding Hole: 2mm



DCP PLATES - 2.0MM

Code No.	No. of Holes
MI-121.554	4
MI-121.555	5
MI-121.556	6
MI-121.557	7
MI-121.558	8



MINI L PLATE FOR 2MM SCREWS

Profile:
Shaft with two holes & head with two holes.
Code No.: MI-122.101 for Left
Code No.: MI-122.102 for Right



MINI T PLATE FOR 2MM SCREWS

Profile:
Shaft with two holes & head with two holes.
Code No.: MI-123.100



Mini Hexagonal Screw Driver with Sleeve (1.5mm)
Code No.: 311.002



Mini Drill Sleeve
Code No.: 311.003



Mini Drill Sleeve
Code No.: 311.004



Mini Depth Gauge
Code No.: 311.005



Mini Plate Bender (Pair)
Code No.: 311.010



Mini Neutral & Loaded Drill Guide
Code No.: 311.009



Hollow Mill For 1.5mm & 2.0mm Screws
Code No.: 311.012



Mini Screw Holding Forceps (For 1.5 & 2.0mm Screws)
Code No.: 311.011

Code No.	Description
MI-311.006	Mini Self Retaining Retractor for Fingers
MI-311.007	Mini Self Retaining Retractor for Metacarpals
MI-311.008	Mini Self Retaining Retractor for Metacarpals (with Hinge)



Mini Plate Holding Forceps
Code No.: 311.013



Mini Plate & Bone Holding Forceps
Code No.: 311.014



Mini Periosteal Elevator
Code No.: 311.017



Mini Reduction Forceps (Pointed)
Code No.: 311.016



Mini Reduction Forceps (Serrated)
Code No.: 311.015



Mini Chisels Sizes: 4, 6, 8, 10 & 12mm
Code No.: 311.018 to 022

Mini Osteotomes Sizes: 4, 6, 8, 10 & 12mm
Code No.: 311.023 to 027



Mini Gouge Sizes: 4, 6, 8, 10 & 12mm
Code No.: 311.028 to 032



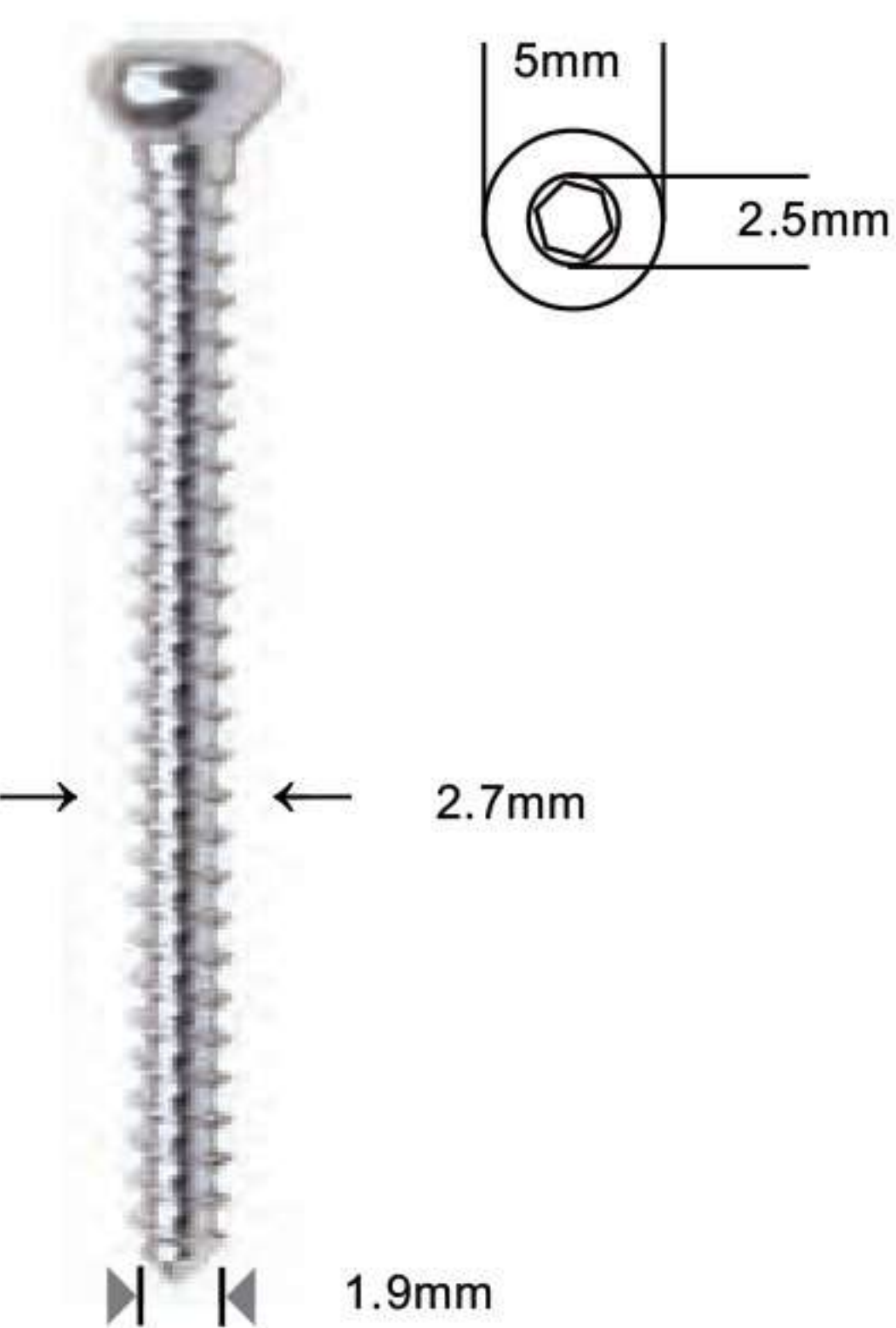
Mini Hohmann Retractors Sizes: 6, 8, 10mm
Code No.: 311.034 to 036



Mini Hand Drill
Code No.: 311.033

□ BONE SCREWS

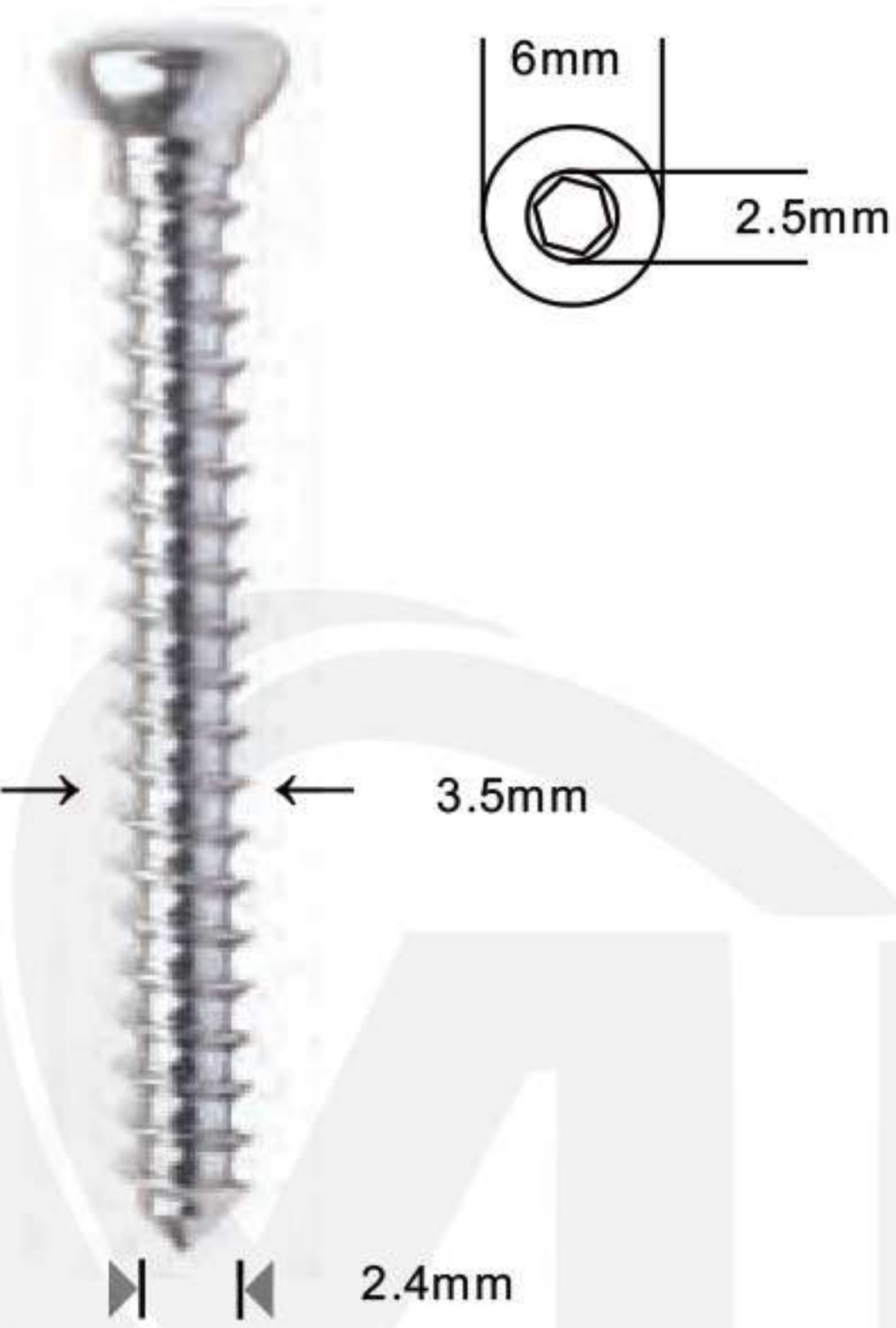
2.7MM CORTICAL SCREWS



Code No.	Length mm
MI-101.006	6
MI-101.008	8
MI-101.010	10
MI-101.012	12
MI-101.014	14
MI-101.016	16
MI-101.018	18
MI-101.020	20
MI-101.022	22
MI-101.024	24
MI-101.026	26
MI-101.028	28
MI-101.030	30

Profile:
Drill Bit for Threaded Hole: 2mm
Drill Bit for Gliding Hole: 2.7mm

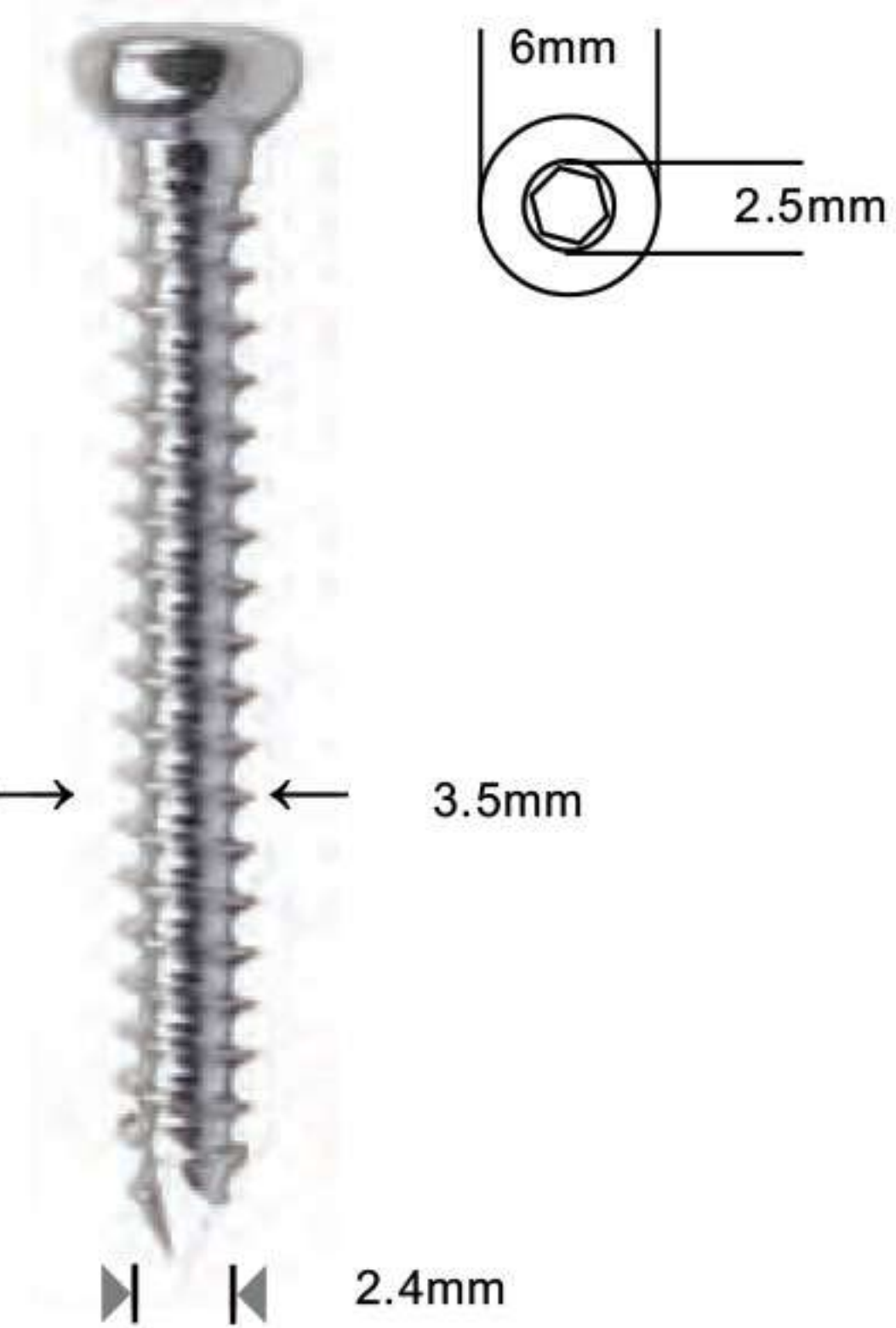
3.5MM CORTICAL SCREWS



Code No.	Length mm
MI-102.010	10
MI-102.012	12
MI-102.014	14
MI-102.016	16
MI-102.018	18
MI-102.020	20
MI-102.022	22
MI-102.024	24
MI-102.026	26
MI-102.028	28
MI-102.030	30
MI-102.032	32
MI-102.034	34
MI-102.036	36
MI-102.038	38
MI-102.040	40
MI-102.042	42
MI-102.044	44
MI-102.046	46
MI-102.048	48
MI-102.050	50

Profile:
Drill Bit for Threaded Hole: 2.5mm
Drill Bit for Gliding Hole: 3.5mm

3.5MM CORTICAL SCREWS,
SELF TAPPING



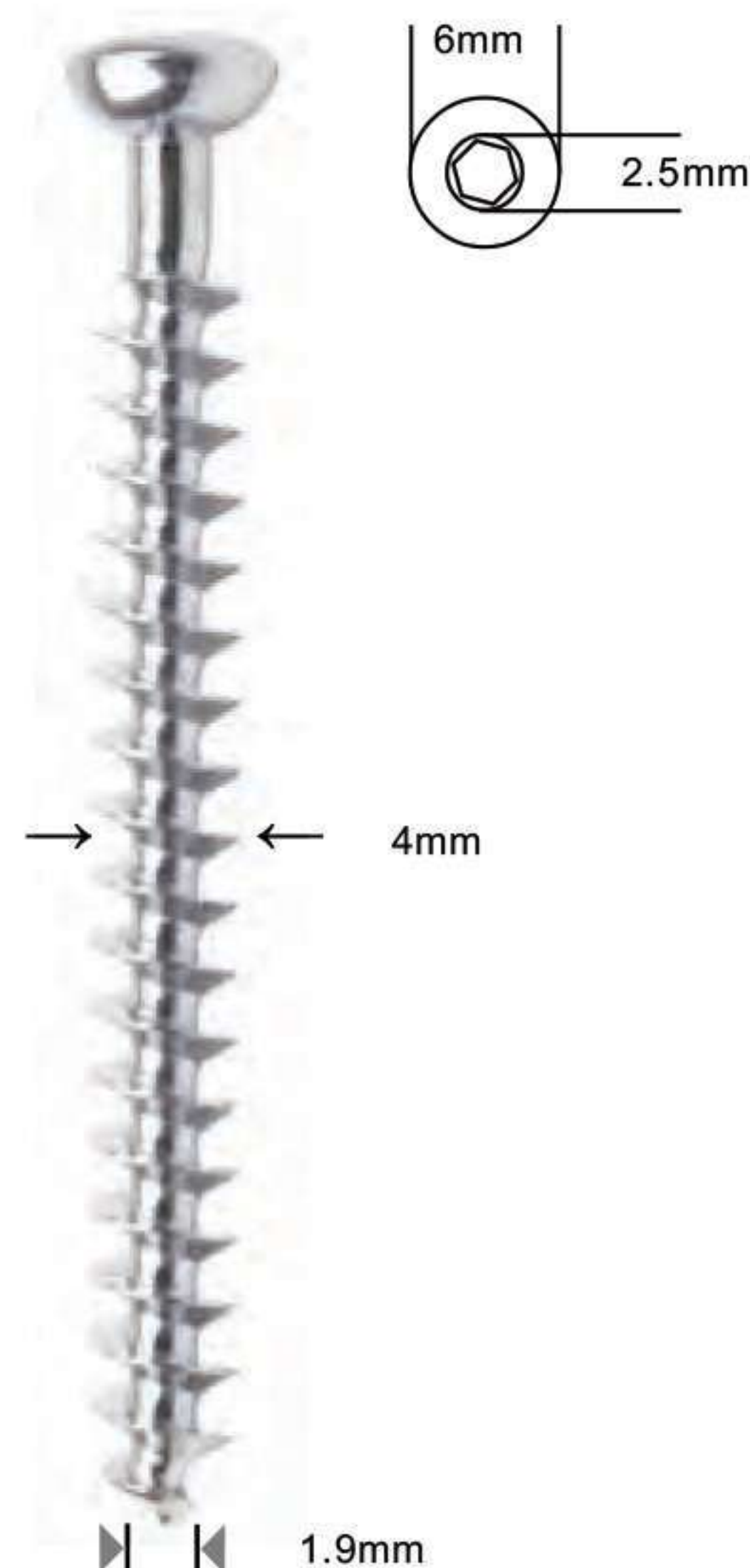
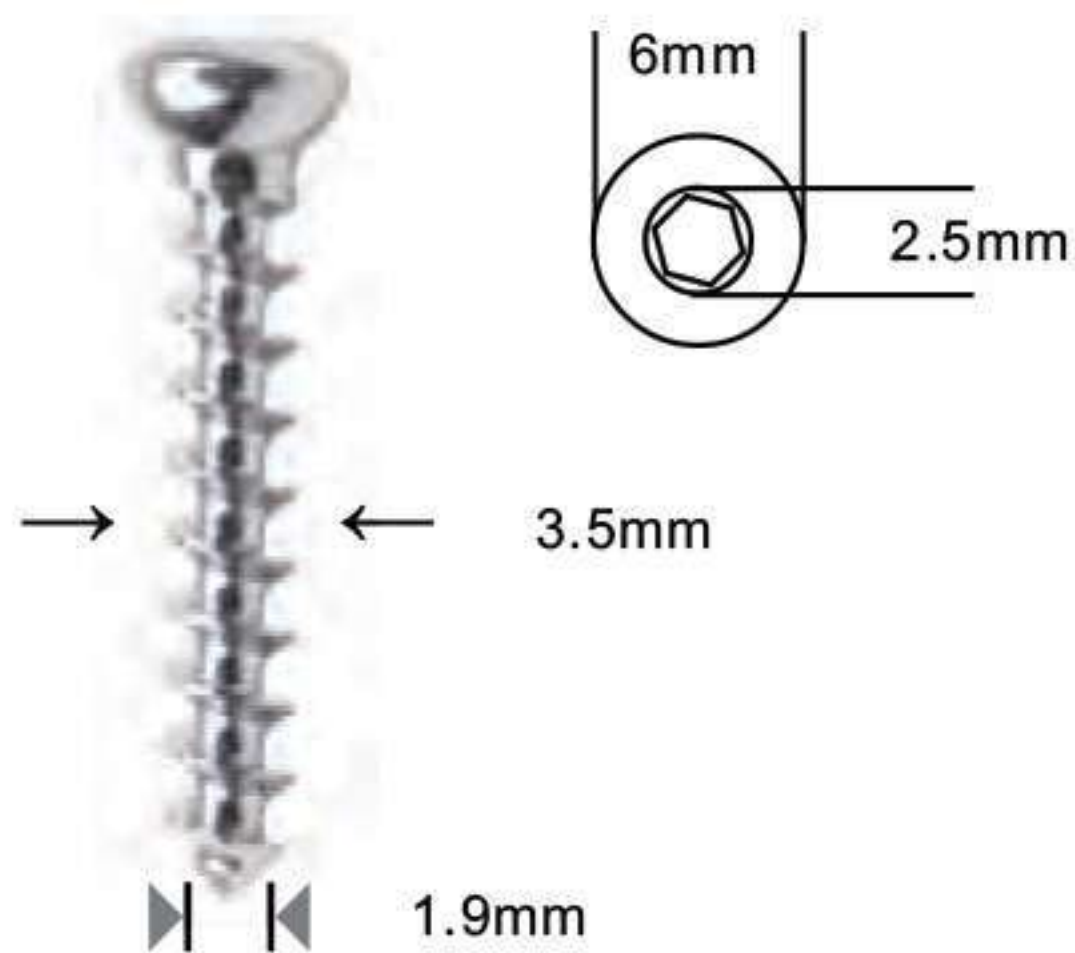
Code No.	Length mm
MI-102.210	10
MI-102.212	12
MI-102.214	14
MI-102.216	16
MI-102.218	18
MI-102.220	20
MI-102.222	22
MI-102.224	24
MI-102.226	26
MI-102.228	28
MI-102.230	30
MI-102.232	32
MI-102.234	34
MI-102.236	36
MI-102.238	38
MI-102.240	40
MI-102.242	42
MI-102.244	44
MI-102.246	46
MI-102.248	48
MI-102.250	50

Profile:
Drill Bit for Threaded Hole: 2.5mm
Drill Bit for Gliding Hole: 3.5mm

4.0 MM CANCELLOUS SCREWS,
SHORT-THREAD

4.0MM CANCELLOUS SCREWS,
FULL-THREAD

3.5MM CANCELLOUS SCREWS



Code No.	Length mm
MI-103.010	10
MI-103.012	12
MI-103.014	14
MI-103.016	16
MI-103.018	18
MI-103.020	20
MI-103.022	22
MI-103.024	24
MI-103.026	26
MI-103.028	28
MI-103.030	30
MI-103.035	35
MI-103.040	40
MI-103.045	45
MI-103.050	50
MI-103.055	55
MI-103.060	60

Code No.	Length mm
MI-104.010	10
MI-104.012	12
MI-104.014	14
MI-104.016	16
MI-104.018	18
MI-104.020	20
MI-104.022	22
MI-104.024	24
MI-104.026	26
MI-104.028	28
MI-104.030	30
MI-104.035	35
MI-104.040	40
MI-104.045	45
MI-104.050	50
MI-104.055	55
MI-104.060	60

Code No.	Length mm
MI-105.010	10
MI-105.012	12
MI-105.014	14
MI-105.016	16
MI-105.018	18
MI-105.020	20
MI-105.022	22
MI-105.024	24
MI-105.026	26
MI-105.028	28
MI-105.030	30
MI-105.035	35
MI-105.040	40
MI-105.045	45
MI-105.050	50
MI-105.055	55
MI-105.060	60

Profile:

Drill Bit for Threaded Hole: 2.5mm

Drill Bit for Gliding Hole: 3.5mm

Profile:

Drill Bit for Threaded Hole: 2.5mm

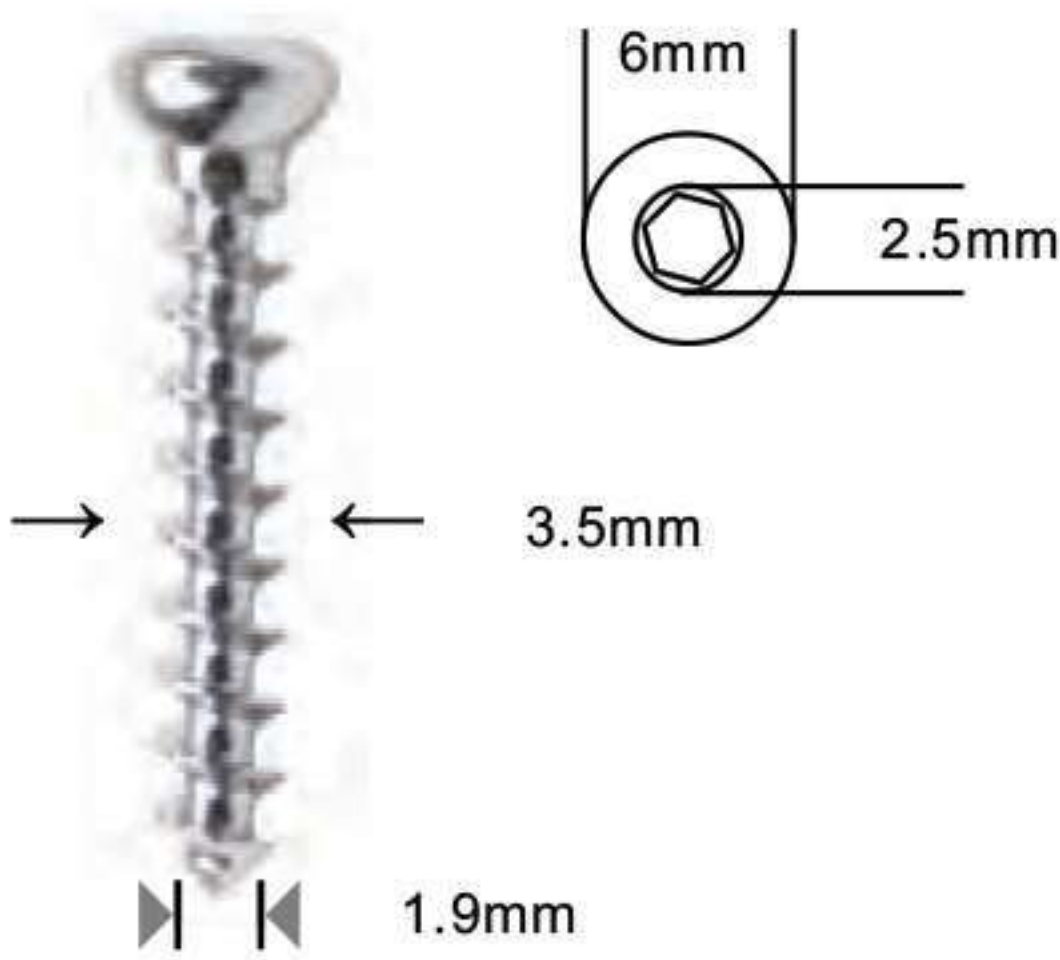
Drill Bit for Gliding Hole: 2.5mm

Profile:

Not to be used as lag screw.

Drill Bit for Threaded Hole: 2.5mm

3.5MM CANCELLOUS SCREWS



Code No.	Length mm
MI-103.010	10
MI-103.012	12
MI-103.014	14
MI-103.016	16
MI-103.018	18
MI-103.020	20
MI-103.022	22
MI-103.024	24
MI-103.026	26
MI-103.028	28
MI-103.030	30
MI-103.035	35
MI-103.040	40
MI-103.045	45
MI-103.050	50
MI-103.055	55
MI-103.060	60

Profile:
Drill Bit for Threaded Hole: 2.5mm
Drill Bit for Gliding Hole: 3.5mm

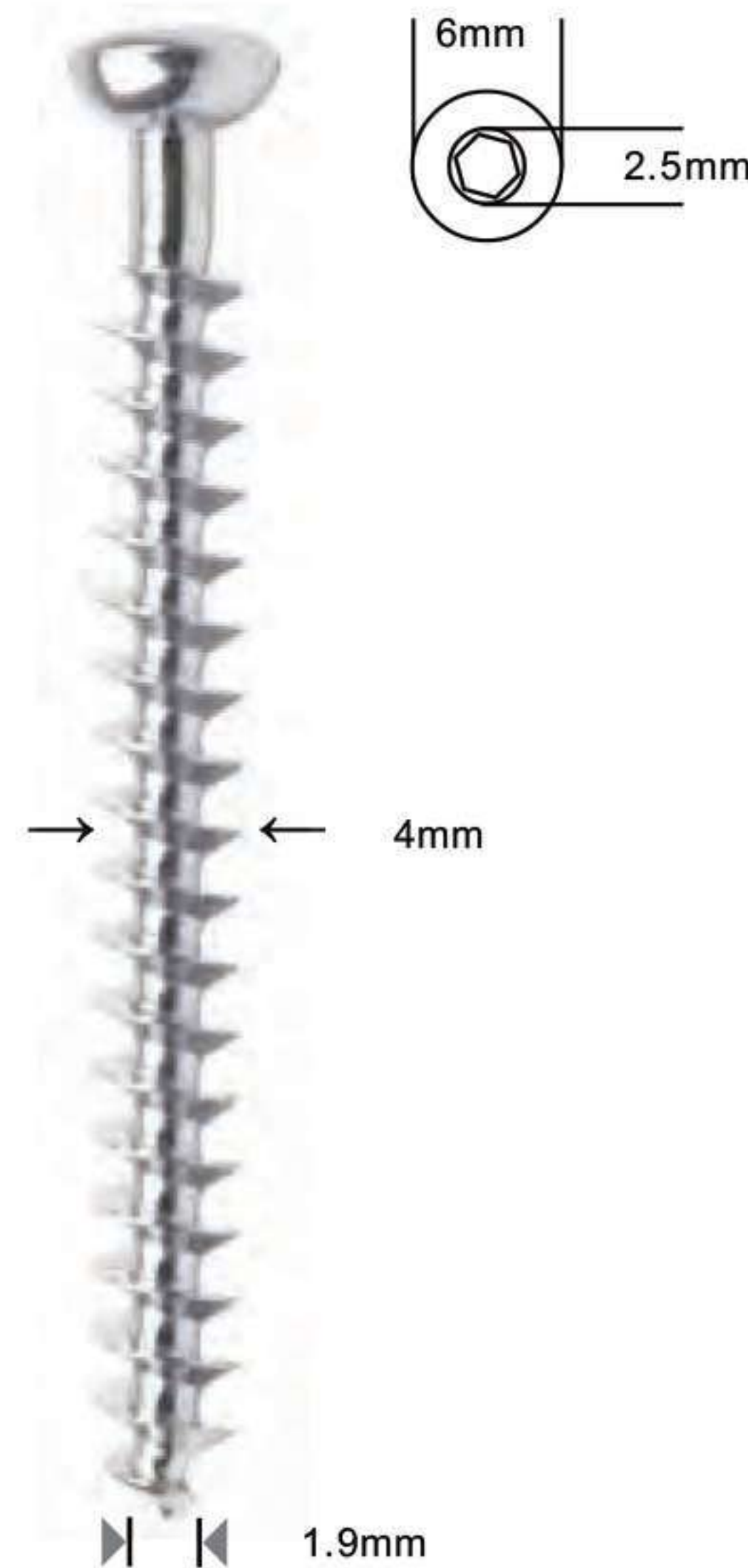
4.0 MM CANCELLOUS SCREWS,
SHORT-THREAD



Code No.	Length mm
MI-104.010	10
MI-104.012	12
MI-104.014	14
MI-104.016	16
MI-104.018	18
MI-104.020	20
MI-104.022	22
MI-104.024	24
MI-104.026	26
MI-104.028	28
MI-104.030	30
MI-104.035	35
MI-104.040	40
MI-104.045	45
MI-104.050	50
MI-104.055	55
MI-104.060	60

Profile:
Drill Bit for Threaded Hole: 2.5mm
Drill Bit for Gliding Hole: 2.5mm

4.0MM CANCELLOUS SCREWS,
FULL-THREAD

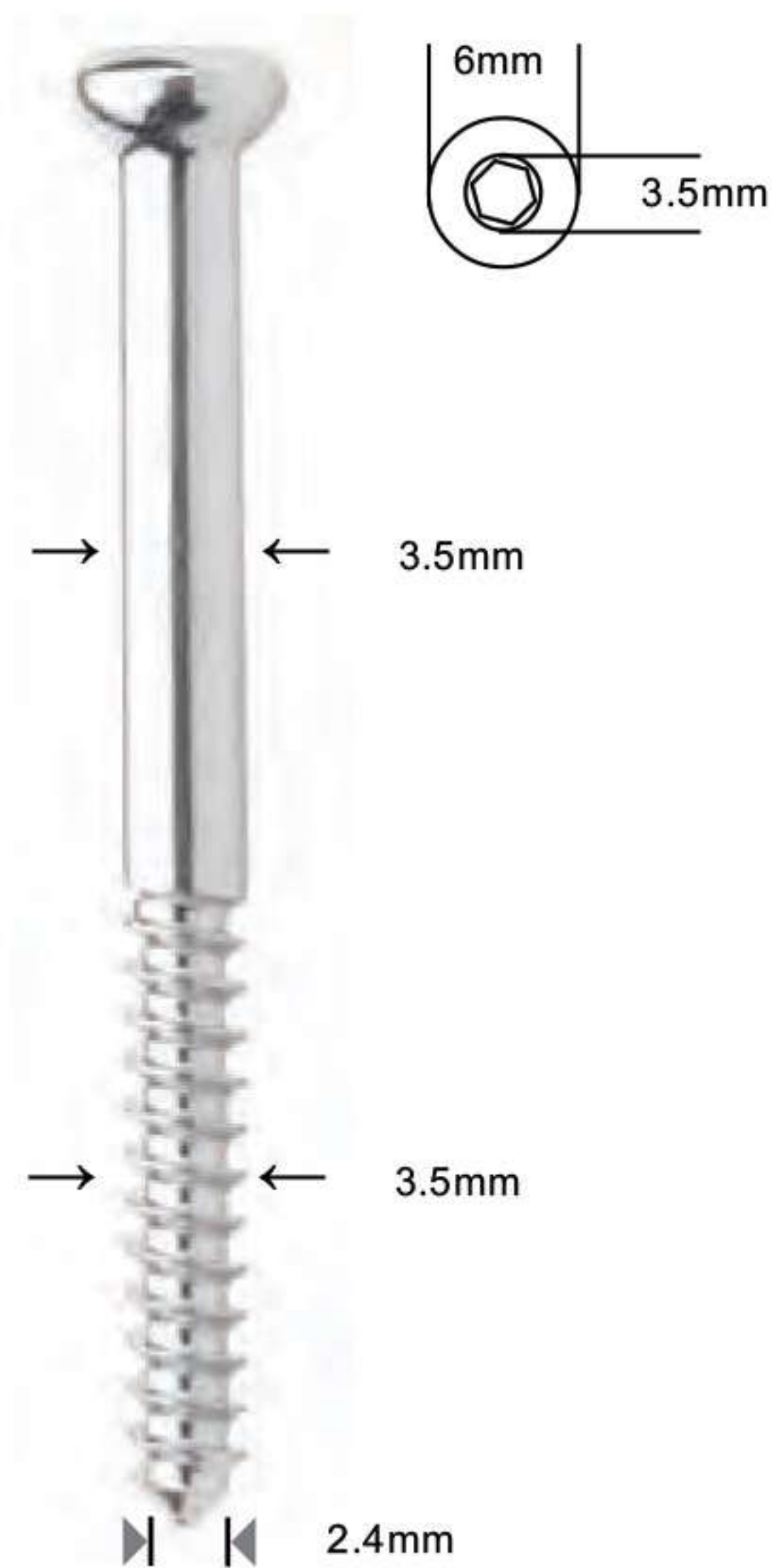


Code No.	Length mm
MI-105.010	10
MI-105.012	12
MI-105.014	14
MI-105.016	16
MI-105.018	18
MI-105.020	20
MI-105.022	22
MI-105.024	24
MI-105.026	26
MI-105.028	28
MI-105.030	30
MI-105.035	35
MI-105.040	40
MI-105.045	45
MI-105.050	50
MI-105.055	55
MI-105.060	60

Profile:
Not to be used as lag screw.
Drill Bit for Threaded Hole: 2.5mm

□ PLATES

3.5MM SHAFT SCREW FOR LC-DCP



QUARTER TUBULAR PLATE FOR 2.7MM SCREWS

Code No.	No. of Holes	Length mm
MI-131.102	2	18
MI-131.103	3	26
MI-131.104	4	34
MI-131.105	5	42
MI-131.106	6	50
MI-131.107	7	58
MI-131.108	8	66
MI-131.109	9	74
MI-131.110	10	82

Code No.	Length mm
MI-113.012	12
MI-113.014	14
MI-113.016	16
MI-113.018	18
MI-113.020	20
MI-113.022	22
MI-113.024	24
MI-113.026	26
MI-113.028	28
MI-113.030	30
MI-113.032	32
MI-113.034	34
MI-113.036	36
MI-113.038	38
MI-113.040	40
MI-113.045	45
MI-113.050	50
MI-113.055	55
MI-113.060	60

Profile:
Drill Bit for Threaded Hole: 2.5mm
Drill Bit for Gliding Hole: 3.5mm



DCP PLATES - 2.7MM

Code No.	No. of Holes	Length mm
MI-132.102	2	20
MI-132.103	3	28
MI-132.104	4	36
MI-132.105	5	44
MI-132.106	6	52
MI-132.107	7	60
MI-132.108	8	68
MI-132.109	9	76
MI-132.110	10	84
MI-132.112	12	100

Thickness (upto 6 Holes): 2mm
(7 to 12 Holes): 2.5mm



L PLATE FOR 2.7MM SCREWS

Shaft with three holes & head with two holes.
Code No.: RI-133.101 for Left
Code No.: RI-133.102 for Right



T-PLATE FOR 2.7MM SCREWS

Shaft with three holes & head with two holes.
Code No.: RI-134.100



RECONSTRUCTION PLATE FOR 2.7MM SCREWS STRAIGHT / CURVED

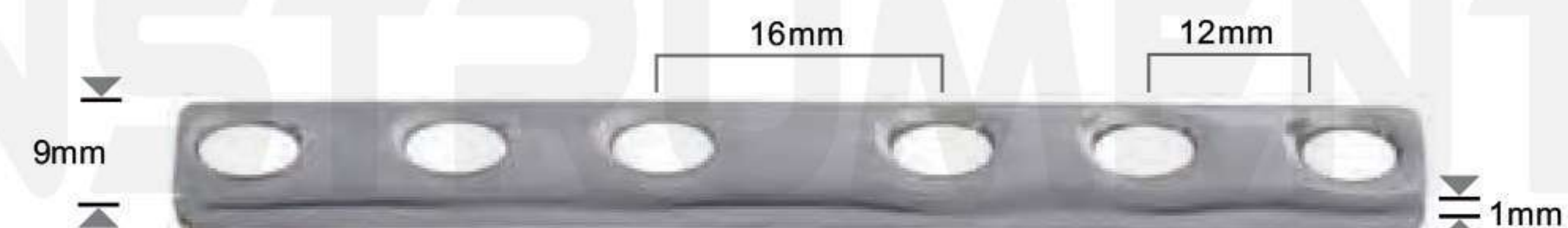
Code No.	No. of Holes	Code No.	No. of Holes
MI-135.102	2	MI-135.102C	2
MI-135.103	3	MI-135.103C	3
MI-135.104	4	MI-135.104C	4
MI-135.105	5	MI-135.105C	5
MI-135.106	6	MI-135.106C	6
MI-135.107	7	MI-135.107C	7
MI-135.108	8	MI-135.108C	8
MI-135.109	9	MI-135.109C	9
MI-135.110	10	MI-135.110C	10
MI-135.111	11	MI-135.111C	11
MI-135.112	12	MI-135.112C	12
MI-135.114	14	MI-135.114C	14
MI-135.116	16	MI-135.116C	16
MI-135.118	18	MI-135.118C	18
MI-135.120	20	MI-135.120C	20
MI-135.122	22	MI-135.122C	22
MI-135.124	24	MI-135.124C	24



ONE THIRD TUBULAR PLATES

Code No.	No. of Holes	Length mm
MI-138.102	2	28
MI-138.103	3	40
MI-138.104	4	52
MI-138.105	5	64
MI-138.106	6	76
MI-138.107	7	88
MI-138.108	8	100
MI-138.109	9	112
MI-138.110	10	124
MI-138.111	11	136
MI-138.112	12	148

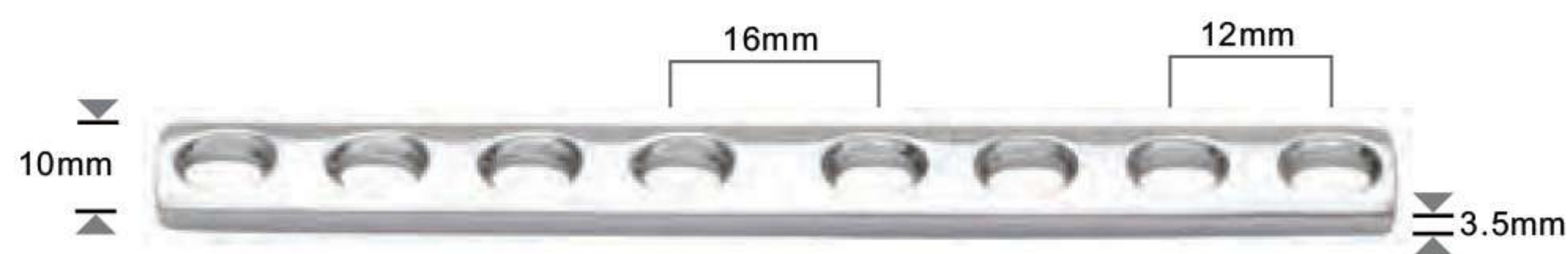
Used as buttress plate for fibula, metatarsals and metacarpals.
Fixation with 3.5 & 4mm screws.
Compression effect can be achieved by eccentric insertion of remote screws.
(One-third tube 12mm dia.)



ONE-THIRD TUBULAR PLATE WITH COLLAR

Code No.	No. of Holes	Length mm
MI-139.122	2	28
MI-139.123	3	40
MI-139.124	4	52
MI-139.125	5	64
MI-139.126	6	76
MI-139.127	7	88
MI-139.128	8	100
MI-139.129	9	112
MI-139.130	10	124
MI-139.131	11	136
MI-139.132	12	148

Used as buttress plate for fibula, metatarsals and metacarpals.
Fixation with 3.5 & 4mm screws.
Compression effect can be achieved by eccentric insertion of remote screws.
(One-third tube 12mm dia.)



DCP PLATES - 3.5MM

Code No.	No. of Holes	Length mm
MI-140.102	2	25
MI-140.103	3	37
MI-140.104	4	49
MI-140.105	5	61
MI-140.106	6	73
MI-140.107	7	85
MI-140.108	8	97
MI-140.109	9	109
MI-140.110	10	121
MI-140.111	11	133
MI-140.112	12	145
MI-140.113	13	157
MI-140.114	14	169

Used as buttress plate for fibula, metatarsals and metacarpals.

Fixation with 3.5 & 4mm screws.

Compression effect can be achieved by eccentric insertion of remote screws.

(One-third tube 12mm dia.)



SMALL T-PLATES, RIGHT ANGLED, 3 HEAD

Code No.	No. of Holes	Length mm
MI-141.103	3	39
MI-141.104	4	56
MI-141.105	5	67
MI-141.106	6	78

For the Left and Right Radius Fixation with 3.5mm & 4mm screws.



SMALL T-PLATES, RIGHT ANGLED, 4 HEAD

Code No.	No. of Holes	Length mm
MI-141.203	3	39
MI-141.204	4	56
MI-141.205	5	67
MI-141.206	6	78

For the Left and Right Radius Fixation with 3.5mm & 4mm screws.



SMALL T-PLATES, OBLIQUE ANGLED

Code No.	No. of Holes	Length mm
MI-142.103L	3	39
MI-142.104L	4	63
MI-142.105L	5	67
MI-142.106L	6	78
MI-142.103R	3	39
MI-142.104R	4	63
MI-142.105R	5	67
MI-142.106R	6	78

For the Left and Right Radius. Fixation with 3.5mm & 4mm screws.
Head with three holes.



SEMI TUBULAR PLATE FOR 3.5MM SCREWS

Code No.	No. of Holes
MI-143.102	2
MI-143.103	3
MI-143.104	4
MI-143.105	5
MI-143.106	6
MI-143.107	7
MI-143.108	8
MI-143.109	9
MI-143.110	10
MI-143.112	12



**3.5MM STRAIGHT PELVIC RECONSTRUCTION PLATES
STRAIGHT / CURVED**



CLOVERLEAF PLATES

Code No.	No. of Holes	Length in mm	Code No.	No. of Holes
MI-144.105	5	58	MI-144.105C	5
MI-144.106	6	70	MI-144.106C	6
MI-144.107	7	82	MI-144.107C	7
MI-144.108	8	94	MI-144.108C	8
MI-144.109	9	106	MI-144.109C	9
MI-144.110	10	118	MI-144.110C	10
MI-144.111	11	130	MI-144.111C	11
MI-144.112	12	142	MI-144.112C	12
MI-144.113	13	154	MI-144.113C	13
MI-144.114	14	166	MI-144.114C	14
MI-144.115	15	178	MI-144.115C	15
MI-144.116	16	190	MI-144.116C	16
MI-144.117	17	202	MI-144.117C	17
MI-144.118	18	214	MI-144.118C	18
MI-144.119	19	226	MI-144.119C	19
MI-144.120	20	238	MI-144.120C	20
MI-144.121	21	250	MI-144.121C	21
MI-144.122	22	262	MI-144.122C	22

Do Not Bend more than 15°. Fixation with 4.5 & 6.5mm screws.

Code No.	No. of Holes	Length mm
MI-146.103	3	88
MI-146.104	4	104
MI-146.105	5	120
MI-146.106	6	136
MI-146.107	7	152
MI-146.108	8	168
MI-146.109	9	184
MI-146.110	10	200
MI-146.111	11	216
MI-146.112	12	232

For distal Intra-Articular tibial Fractures. Fixation with 3.5mm & 4.0mm Screws.



LC-DCP PLATE FOR 3.5MM SCREWS



HOOK PLATE FOR 3.5MM SCREWS

Code No.	No. of Holes
MI-148.104	4
MI-148.105	5
MI-148.106	6
MI-148.107	7
MI-148.108	8
MI-148.110	10

Code No.	No. of Holes	Length mm
MI-147.104	4	51
MI-147.105	5	64
MI-147.106	6	77
MI-147.107	7	90
MI-147.108	8	103
MI-147.109	9	116
MI-147.110	10	129
MI-147.111	11	142
MI-147.112	12	155
MI-147.113	13	168
MI-147.114	14	181

For Ulna & Radius. Fixation with 3.5mm & 4mm screws.



Y-RECONSTRUCTION PLATES

Code No.	Size	No. of Holes
MI-145.102	Small	6
MI-145.103	Medium	9
MI-145.104	Large	12



CALCANEAL PLATE FOR 3.5MM SCREWS
For Calcaneus Fractures. Fixation with 3.5mm and 4mm screws.

Code No.	Length mm
MI-137.160	60
MI-137.170	70

□ INSTRUMENTS FOR SMALL FRAGMENTS



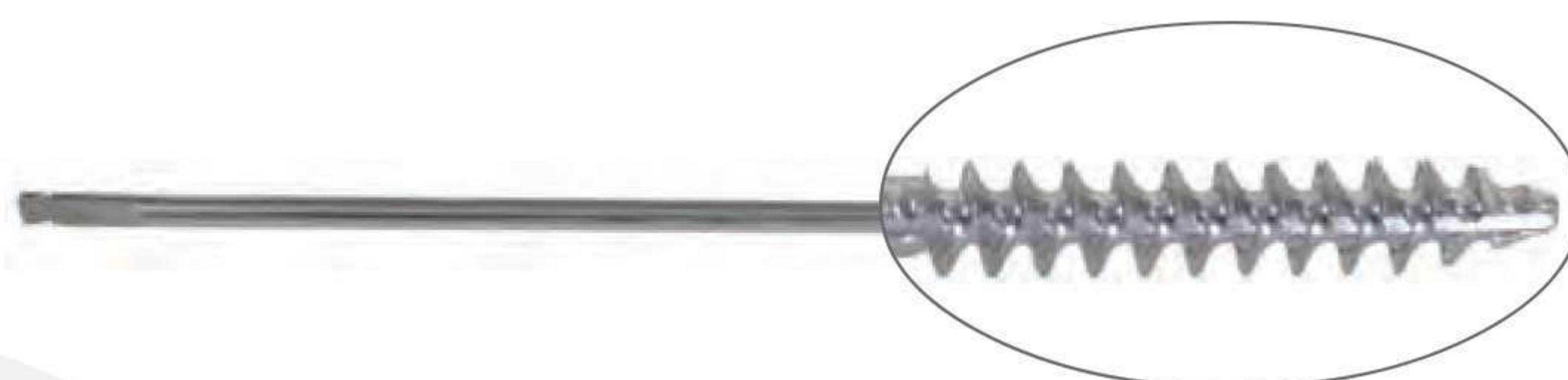
DRILL BIT - S.S. - QUICK COUPLING END

Code No.	Dia. mm	Length mm
MI-260.200	2.0	100
MI-260.250	2.5	115
MI-260.3ZI	-203.2	130
MI-260.325	3.2	200
MI-260.350	3.5	130



DRILL BIT - PLAIN SHANK / JACOB CHUCK END

Code No.	Dia. mm	Length mm
MI-261.6ZI	-202.0	100
MI-261.6ZI	-252.5	115
MI-261.632	3.2	130
MI-261.633	3.2	200
MI-261.6ZI	-353.5	130



BONE TAP WITH T-HANDLE

Code No.	Dia. mm	
MI-263.0ZI	-101.5	
MI-263.0ZI	-152.0	
MI-263.0ZI	-202.7	
MI-263.025	3.5	
MI-263.0ZI	-303.5	Cancellous
MI-263.0ZI	-353.5	Extra Long
MI-263.040	4.5	
MI-263.045	4.5	Extra Long
MI-263.0ZI	-506.5	Cancellous

BONE TAP - QUICK COUPLING END

Code No.	Dia. mm	
MI-264.0ZI	-101.5	
MI-264.0ZI	-152.0	
MI-264.0ZI	-202.7	
MI-264.025	3.5	
MI-264.0ZI	-303.5	Cancellous
MI-264.0ZI	-353.5	Extra Long
MI-264.040	4.5	
MI-264.045	4.5	Extra Long
MI-264.0ZI	-506.5	Cancellous



Code No.	Description
MI-305.020	Counter Sink for 3.5, 4.0mm Screws (6.0mm Head)
MI-305.060	Counter Sink - Q.C. 8.0mm Head



Quick Coupling Handle (T-Type)
Code No.: MI-306.010



Quick Coupling with Fibre Handle
Code No.: MI-306.020



Quick Coupling Adaptor for Drill Bits
Code No.: MI-306.030



Lane Screw Driver
Code No.: MI-301.010



Hexagonal Screw Driver with Sleeve 2.5mm Tip
Code No.: MI-301.020



Hexagonal Screw Driver 2.5mm Tip
Code No.: MI-301.040



Screw Driver Shaft, Q.C. End - 2.5mm Tip
Code No.: MI-301.060



Plate Bending Press
Code No.: MI-302.070

**Hollow Mill for removal of Screws
Medium - for 3.5mm Screws**
Code No.: 310.020



Hollow Mill for Removal of Drill Bits
Code No.: 310.010

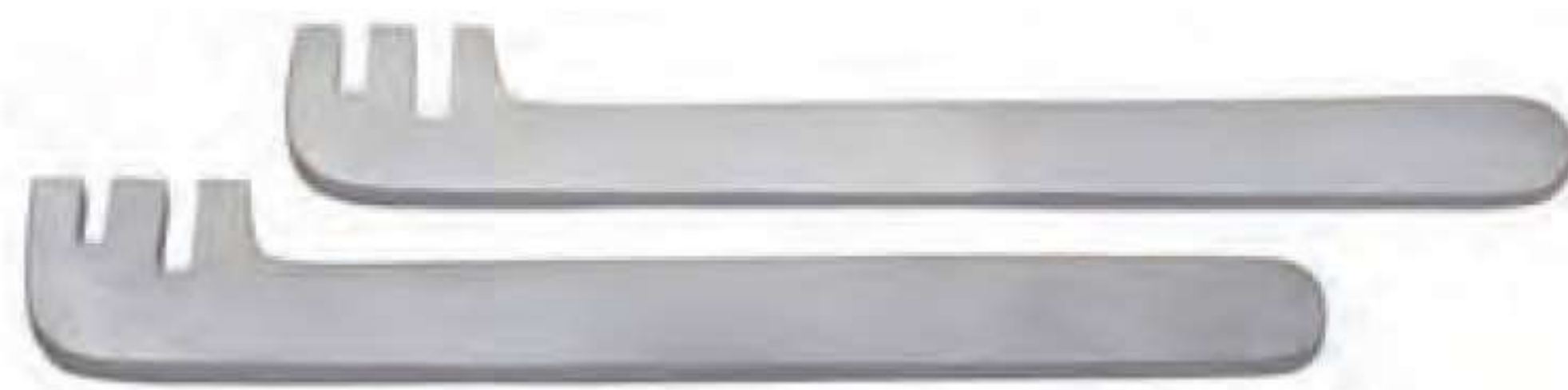


Plate Bender for Small Fragment Plates
Code No.: MI-302.071

□ INSTRUMENTS FOR SMALL FRAGMENTS



Screw Holding Forceps
Code No.: MI-309.000



Small Plate Bender - Pair
Code No.: MI-302.010



Small Depth Gauge
Code No.: MI-303.010



Small Neutral & Loaded Drill Guide
Code No.: MI-304.010



Drill Sleeve 2.5mm
Code No.: MI-307.020



Drill & Tap Sleeve Combined 2.5/3.5mm
Code No.: MI-307.060



Insert Drill Sleeve 2.5mm
Code No.: MI-307.090

Code No.	Description
MI-302.040	Plate Bender for 2.7mm reconstruction Plates
MI-302.050	Plate Bender for 3.5mm reconstruction Plates

SMALL FRAGMENT INSTRUMENTS SET

Code No.: RI-IS011

	Set Consisting of:	Units
MI-260.250	Drill Bit 2.5mm Dia	2
MI-260.350	Drill Bit 3.5mm Dia	2
MI-305.020	Counter Sink 3.5mm	1
MI-263.025	Tap of 3.5mm Cortical Screw	2
MI-263.037	Tap of 4.0mm Cancellous Screws	2
MI-306.010	T-Handle with Quick Coupling	1
MI-307.060	Drill & Tap Sleeve Combined 3.5/2.5mm	1
MI-307.090	Insert Drill Sleeve 2.5mm / 3.5mm	1
MI-301.060	Small Hexagonal Screw Driver Shaft	1
MI-301.040	Small Hexagonal Screw Driver	1
MI-303.010	Depth Gauge Small	1
MI-371.000	Sharp Hook	1
MI-304.010	Small Drill Guide 3.5mm	1
MI-302.010	Small Plate Bender for Plates 2.7 & 3.5mm	1
MI-341.010	Reduction Forceps with Points- 140mm	1
MI-340.020	Self Centering Bone Holding Forceps- 190mm	1
MI-379.015	Hohman Retractor Small, 8mm Wide, 160mm	2
MI-381.012	Periosteal Elevator, Straight/ Curved, 12mm	1
MI-379.020	Hohman Retractor , 15mm Wide, 160mm	2
MI-341.020	Reduction Forceps Serrated - 140mm	1
	Neutral and Loaded Drill Guide (Small)	1
	S.S. Box with Two trays	1

SMALL FRAGMENT IMPLANTS SET

Code No.: MI-IS012

	Set Consisting of:	Units
	3.5mm Cortical Screws	64
	4 each, length 10, 12, 20, 22, 24, 26, 28, 32, 36 & 40mm	
	8 each, length 14, 16, 18mm	MI
	4.0mm Cancellous Bone Screws	28
	2 each, length 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45 & 50mm	
	3.5mm Cancellous Screws	32
	2 each, length 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50, 55 & 60mm	
	Washer 7.0mm Dia	6
	One Third Tubular Plate with Collar	9
	1 each with 3, 7 and 8 Holes	
	2 each with 4, 5 and 6 Holes	
	Small TPlate, Right Angled	2
	1 each, Shaft with 3 and 4 Holes	
	Small TPlate, Oblique Angled	2
	1 each, Shaft with 3 and 5 Holes	
	Cloverleaf Plates	2
	1 each, shaft with 3 and 4 Holes	
	Small DCP Plate 3.5mm	7
	2 each with 6 and 7 Holes	
	1 each with 5, 8, 10 Holes	
	Kirschner Wire with Jocar Tip, Length 150mm	30
	10 each, 1.0, 1.5, 2.0mm	
	Screw Holding forceps	1
	S.S.Box with Three Instruments & 1 screw Tray	1.set

INSTRUMENTS SET FOR SMALL FRAGMENTS

SCREW SET-SMALL

Code No.: MI-IS015

Set Consisting of:	Units
3.5mm Cortical Screws	60
4 each, Length 10, 12, 16, 20, 22, 24, 26, 28, 32, 36, 40	
8 each, Length 14 & 18mm	
4.0mm Cancellous Bone Screw	32
2 each Length 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50, 55 and 60mm	
3.5mm Cancellous Screws	32
2 each, Length 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50, 55 and 60mm	
Screw Holding Forceps	1
.S.Box with Screw Tray.....	1 set

MASROOR INSTRUMENTS

Titanium Implants are also available.

Prefix ‘TI’ to the Codes for your requirements of Titanium Implants.

BONE SCREWS

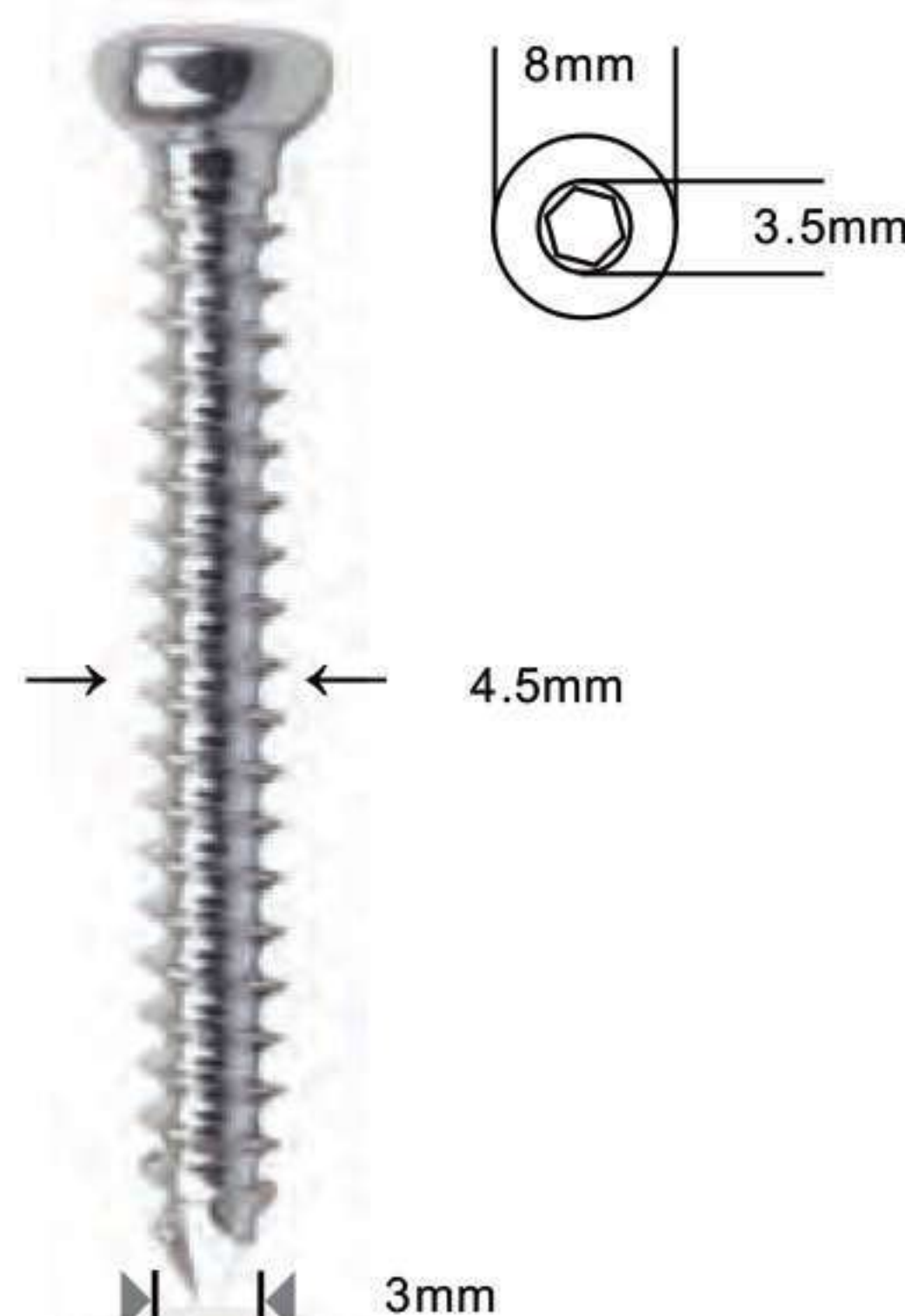
4.5MM CORTICAL SCREWS



Code No.	Length mm
MI-106.012	12
MI-106.014	14
MI-106.016	16
MI-106.018	18
MI-106.020	20
MI-106.022	22
MI-106.024	24
MI-106.026	26
MI-106.028	28
MI-106.030	30
MI-106.032	32
MI-106.034	34
MI-106.036	36
MI-106.038	38
MI-106.040	40
MI-106.042	42
MI-106.044	44
MI-106.046	46
MI-106.048	48
MI-106.050	50
MI-106.052	52
MI-106.054	54
MI-106.056	56
MI-106.058	58
MI-106.060	60
MI-106.062	62
MI-106.064	64
MI-106.066	66
MI-106.068	68
MI-106.070	70
MI-106.072	72
MI-106.074	74
MI-106.076	76
MI-106.078	78
MI-106.080	80

Profile:
Drill Bit for Threaded Hole: 3.2mm
Drill Bit for Gliding Hole: 4.5mm

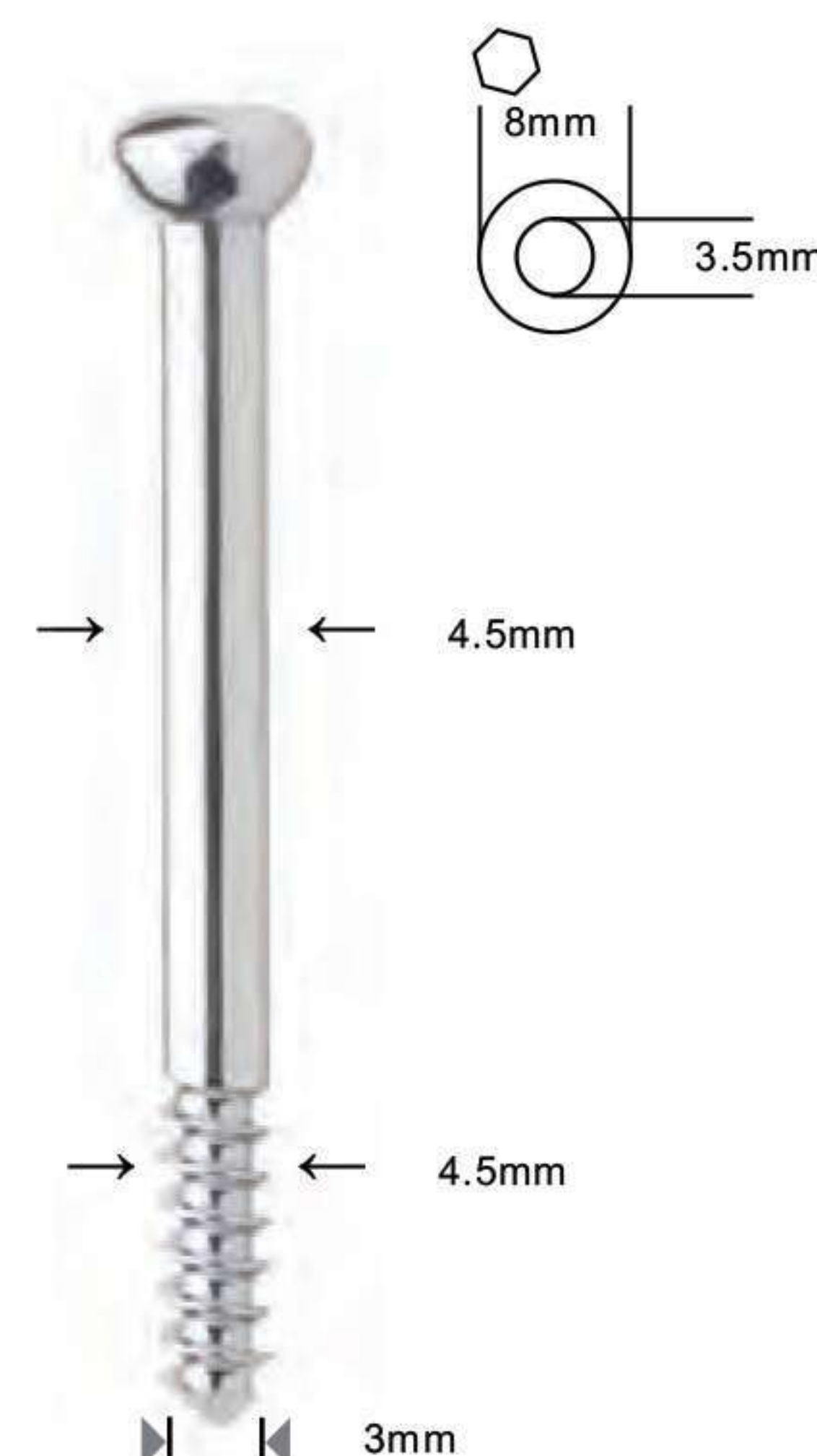
4.5MM CORTICAL SCREWS (SELF TAPPING)



Code No.	Length mm
MI-106.214	14
MI-106.216	16
MI-106.218	18
MI-106.220	20
MI-106.222	22
MI-106.224	24
MI-106.226	26
MI-106.228	28
MI-106.230	30
MI-106.232	32
MI-106.234	34
MI-106.236	36
MI-106.238	38
MI-106.240	40
MI-106.242	42
MI-106.244	44
MI-106.246	46
MI-106.248	48
MI-106.250	50
MI-106.252	52
MI-106.254	54
MI-106.256	56
MI-106.258	58
MI-106.260	60
MI-106.264	64
MI-106.266	66
MI-106.268	68
MI-106.270	70
MI-106.272	72
MI-106.274	74
MI-106.276	76
MI-106.278	78
MI-106.280	80

Profile:
Drill Bit for Threaded Hole: 3.2mm
Drill Bit for Gliding Hole: 4.5mm

4.5MM SHAFT SCREWS FOR LC-DCP



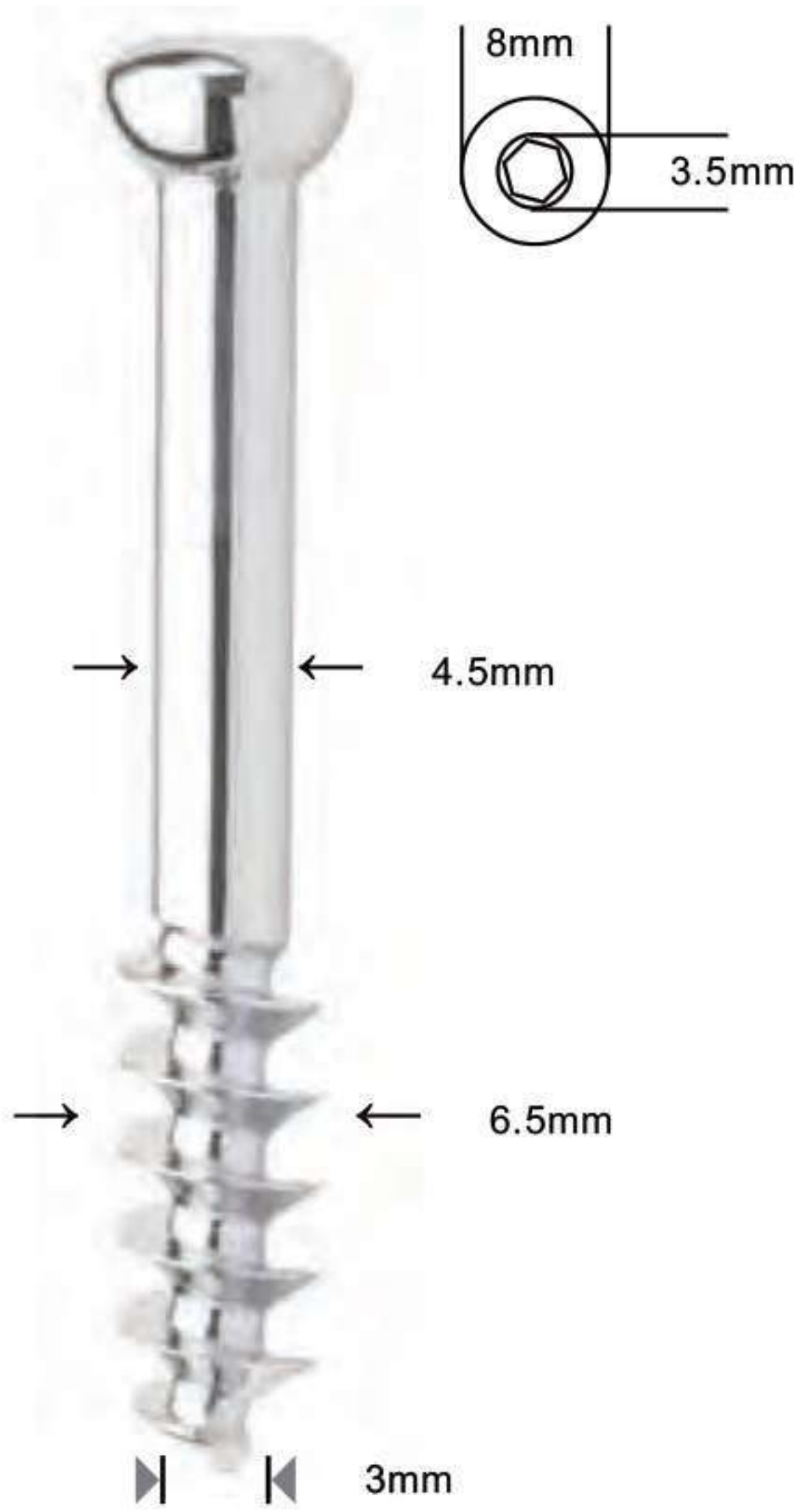
Code No.	Length mm
MI-114.022	22
MI-114.024	24
MI-114.026	26
MI-114.028	28
MI-114.030	30
MI-114.032	32
MI-114.034	34
MI-114.036	36
MI-114.038	38
MI-114.040	40
MI-114.042	42
MI-114.044	44
MI-114.046	46
MI-114.048	48
MI-114.050	50
MI-114.055	55
MI-114.060	60
MI-114.065	65
MI-114.070	70
MI-114.075	75
MI-114.080	80
MI-114.085	85
MI-114.090	90
MI-114.095	95
MI-114.100	100

Profile:
Drill Bit for Threaded Hole: 3.2mm
Drill Bit for Gliding Hole: 4.5mm

**6.5MM CANCELLOUS
BONE SCREWS,
32MM THREAD**

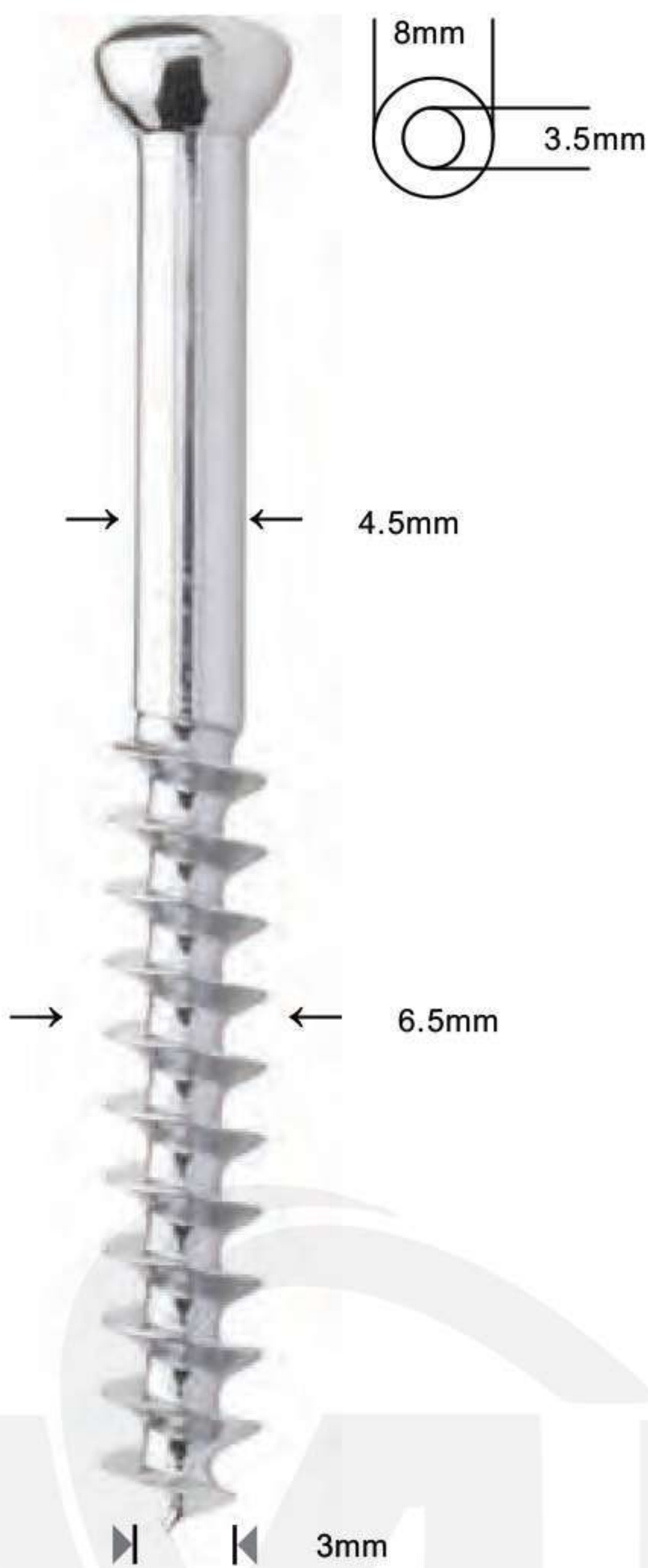


**6.5MM CANCELLOUS
BONE SCREWS,
16MM THREAD**



Code No.	Length mm
MI-108.025	25
MI-108.030	30
MI-108.035	35
MI-108.040	40
MI-108.045	45
MI-108.050	50
MI-108.055	55
MI-108.060	60
MI-108.065	65
MI-108.070	70
MI-108.075	75
MI-108.080	80
MI-108.085	85
MI-108.090	90
MI-108.095	95
MI-108.100	100
MI-108.105	105
MI-108.110	110
MI-108.115	115
MI-108.120	120

Profile:
Drill Bit for Threaded Hole: 3.2mm
Drill Bit for Shaft: 4.5mm

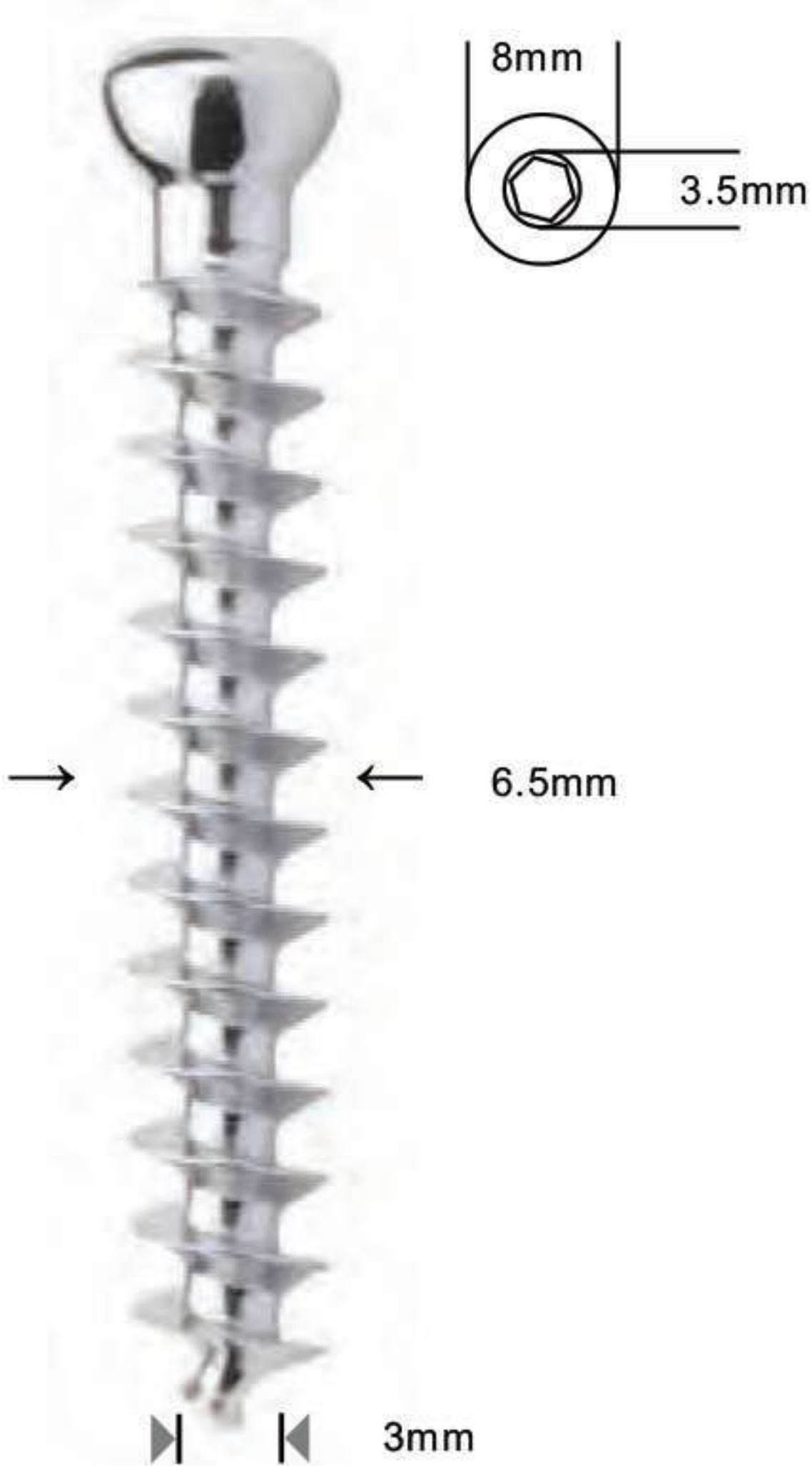


Code No.	Length mm
MI-109.035	35
MI-109.040	40
MI-109.045	45
MI-109.050	50
MI-109.055	55
MI-109.060	60
MI-109.065	65
MI-109.070	70
MI-109.075	75
MI-109.080	80
MI-109.085	85
MI-109.090	90
MI-109.095	95
MI-109.100	100
MI-109.105	105
MI-109.110	110
MI-109.115	115
MI-109.120	120

Profile:
Drill Bit for Threaded Hole: 3.2mm
Drill Bit for Shaft: 4.5mm



**6.5MM CANCELLOUS
BONE SCREWS,
FULLY THREADED**



Code No.	Length mm
MI-110.025	25
MI-110.030	30
MI-110.035	35
MI-110.040	40
MI-110.045	45
MI-110.050	50
MI-110.055	55
MI-110.060	60
MI-110.065	65
MI-110.070	70
MI-110.075	75
MI-110.080	80
MI-110.085	85
MI-110.090	90
MI-110.095	95
MI-110.100	100
MI-110.105	105
MI-110.110	110
MI-110.115	115
MI-110.120	120

Profile:
Drill Bit for Threaded Hole: 3.2mm

CANCELLOUS WASHER

Code No.: 115.020



PLATES



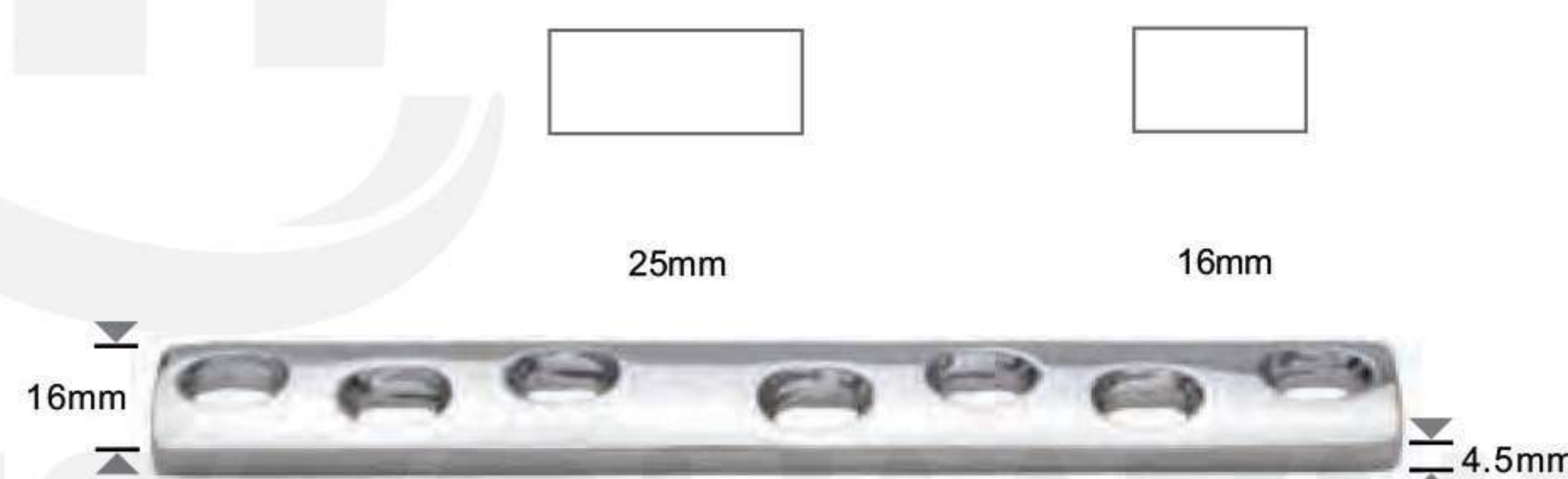
4.5MM NARROW DCP PLATES

Code No.	No. of Holes	Length mm
MI-157.104	4	71
MI-157.105	5	87
MI-157.106	6	103
MI-157.107	7	119
MI-157.108	8	135
MI-157.109	9	151
MI-157.110	10	167
MI-157.111	11	183
MI-157.112	12	199
MI-157.113	13	215
MI-157.114	14	231
MI-157.115	15	247
MI-157.116	16	263
MI-157.117	17	279
MI-157.118	18	295

Fixation with 4.5 & 6.5mm screws.

All holes are designed as self-compressing holes. All the end holes are designed for cancellous bone screws.

Indication: As a neutralisation and RI-TENSION band plate on the tibia (not inZI-TENDED for the femur).



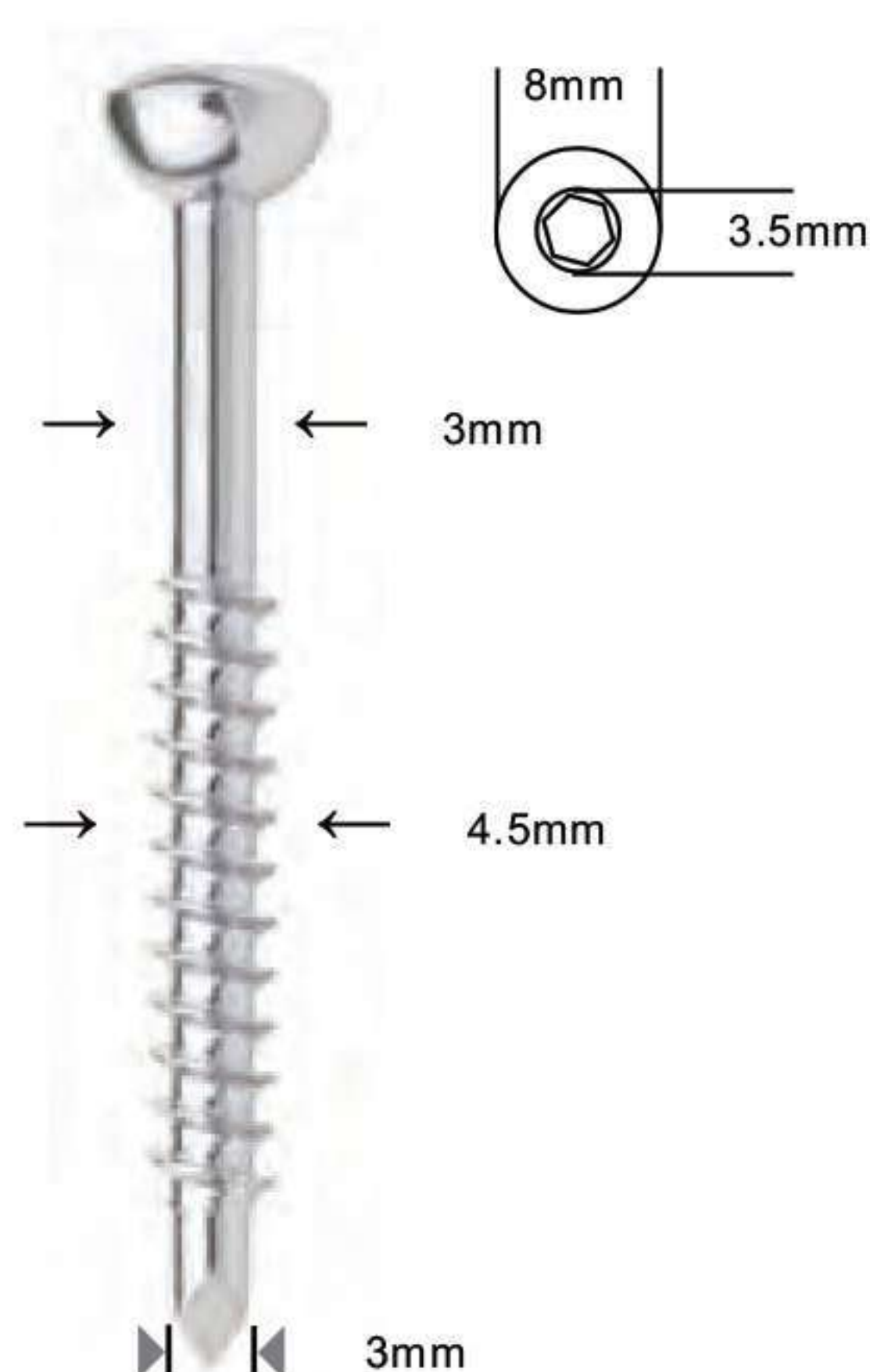
4.5MM BROAD DCP PLATES

Code No.	No. of Holes	Length mm
MI-158.104	4	71
MI-158.105	5	87
MI-158.106	6	103
MI-158.107	7	119
MI-158.108	8	135
MI-158.109	9	151
MI-158.110	10	167
MI-158.111	11	183
MI-158.112	12	199
MI-158.113	13	215
MI-158.114	14	231
MI-158.115	15	247
MI-158.116	16	263
MI-158.117	17	279
MI-158.118	18	295
MI-158.119	19	311
MI-158.120	20	327

Fixation with 4.5 & 6.5mm screws. All holes are designed as self-compressing holes. All the end holes are designed for cancellous bone screws.

Indication: As a RI-TENSION band plate on the femur and for humeral pseudoarthrosis (not inZI-TENDED for the tibia). Use broad plates with six or seven holes in exceptional cases only, e.g. on the humerus.

4.5MM MALLEOLAR SCREWS



Code No.	Length mm
MI-107.025	25
MI-107.030	30
MI-107.035	35
MI-107.040	40
MI-107.045	45
MI-107.050	50
MI-107.055	55
MI-107.060	60
MI-107.065	65
MI-107.070	70
MI-107.075	75
MI-107.080	80
MI-107.075	75
MI-107.080	80
MI-107.085	85
MI-107.090	90
MI-107.095	95
MI-107.100	100

Profile:
Drill Bit for Threaded Hole: 3.2mm
Drill Bit for Gliding Hole: 3mm

MALLEOLAR WASHER

Code No.: 115.020





**LIMITED CONTACT DYNAMIC COMPRESSION
PLATE (LC-DCP)
FOR 4.5MM SCREWS (NARROW)**

Code No.	No. of Holes	Length mm
MI-150.104	4	70
MI-150.105	5	88
MI-150.106	6	106
MI-150.107	7	124
MI-150.108	8	142
MI-150.109	9	160
MI-150.110	10	178
MI-150.111	11	196
MI-150.112	12	214
MI-150.113	13	232
MI-150.114	14	250
MI-150.115	15	268
MI-150.116	16	286

Fixation with 4.5 & 6.5mm screws.

Undercuts: For reduced vascular damage.

The end holes can be used for cancellous bone screws.

The LC-DCP holes allow compression in both directions of the longitudinal axis.

Indication: As a neutralisation and RI-TENSION band plate on the tibia (not inZI-TENDED for the femur).



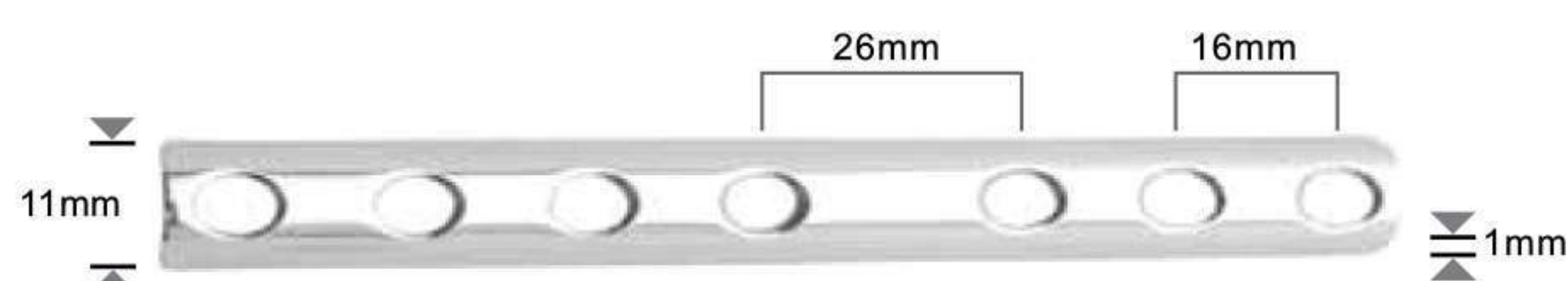
**LIMITED CONTACT DYNAMIC COMPRESSION
PLATE (LC-DCP)
FOR 4.5MM SCREWS (BROAD)**

Code No.	No. of Holes	Length mm
MI-151.104	4	70
MI-151.105	5	88
MI-151.106	6	106
MI-151.107	7	124
MI-151.108	8	142
MI-151.109	9	160
MI-151.110	10	178
MI-151.111	11	196
MI-151.112	12	214
MI-151.113	13	232
MI-151.114	14	250
MI-151.115	15	268
MI-151.116	16	286
MI-151.117	17	304
MI-151.118	18	322
MI-151.119	19	340
MI-151.120	20	358

Fixation with 4.5 & 6.5mm screws.

Undercuts: For reduced vascular damage. The end holes can be used for cancellous bone screws. The LC-DCP holes allow compression in both directions of the longitudinal axis.

Indication: As a RI-TENSION band plate on the Femur and for Humeral Pseudarthrosis (not inZI-TENDED for the Tibia).



4.5MM SEMI-TUBULAR PLATES HEAVY DUTY

Code No.	No. of Holes	Length mm
MI-156.104	4	71
MI-156.105	5	87
MI-156.106	6	103
MI-156.107	7	119
MI-156.108	8	135
MI-156.109	9	151
MI-156.110	10	167
MI-156.111	11	183
MI-156.112	12	199

Fixation with 4.5 & 6.5mm screws. A compression effect can be achieved by eccentric positioning of the screws remote from the fracture line.



SPOON PLATE

Code No.	No. of Holes	Length mm
MI-155.105	5	100
MI-155.106	6	120

Shaft with V-profile for the fixation on the frontal edge of the tibia. Fixation with 4.5mm cortical screws.



T-PLATE FOR 4.5MM SCREWS

Code No.	No. of Holes	Length mm
MI-159.103	3	68
MI-159.104	4	84
MI-159.105	5	100
MI-159.106	6	116
MI-159.107	7	132
MI-159.108	8	148
MI-159.109	9	164
MI-159.110	10	180
MI-159.111	11	196
MI-159.112	12	212
MI-159.113	13	228
MI-159.114	14	244

Shaft with round profile, for humeral and tibial head. Fixation with 4.5 & 6.5mm screws.



T-BUTTRESS PLATE FOR 4.5MM SCREWS

Code No.	No. of Holes	Length mm
MI-160.104	4	81
MI-160.105	5	96
MI-160.106	6	112
MI-160.107	7	128
MI-160.108	8	144
MI-160.109	9	160
MI-160.110	10	176
MI-160.111	11	192
MI-160.112	12	208
MI-160.113	13	224
MI-160.114	14	240

With double bend, as buttress for tibial head fractures. Fixation with 4.5mm & 6.5mm screws.



**L-BUTTRESS PLATE 4.5mm
FOR LEFT & RIGHT LEG**

Code No.	No. of Holes	Length in mm	Code No.	No. of Holes	Length in mm
MI-161.133L	3	69	MI-161.103R	3	69
MI-161.134L	4	85	MI-161.104R	4	85
MI-161.135L	5	101	MI-161.105R	5	101
MI-161.136L	6	117	MI-161.106R	6	117
MI-161.137L	7	133	MI-161.107R	7	133
MI-161.138L	8	149	MI-161.108R	8	149
MI-161.139L	9	165	MI-161.109R	9	165
MI-161.140L	10	181	MI-161.110R	10	181
MI-161.141L	11	197	MI-161.111R	11	197
MI-161.142L	12	213	MI-161.112R	12	213
MI-161.143L	13	229	MI-161.113R	13	229
MI-161.144L	14	245	MI-161.114R	14	245

With double bend, as buttress for tibial and humeral head fractures. Left angled for right leg & right angled for left leg.



HOOK PLATE 4.5MM WITH DCP 6 HOLES

Code No.	No. of Holes	Height mm
MI-194.000	6	128

Fixation with 4.5mm Cortical Screws.

Shaft with DCP dynamic compression holes and slot for RI-TENSION device.



T-PLATE FOR 4.5MM SCREWS

Code No.	No. of Holes	Length mm
MI-159.103	3	68
MI-159.104	4	84
MI-159.105	5	100
MI-159.106	6	116
MI-159.107	7	132
MI-159.108	8	148
MI-159.109	9	164
MI-159.110	10	180
MI-159.111	11	196
MI-159.112	12	212
MI-159.113	13	228
MI-159.114	14	244

Shaft with round profile, for humeral and tibial head. Fixation with 4.5 & 6.5mm screws.



T-BUTTRESS PLATE FOR 4.5MM SCREWS

Code No.	No. of Holes	Length mm
MI-160.104	4	81
MI-160.105	5	96
MI-160.106	6	112
MI-160.107	7	128
MI-160.108	8	144
MI-160.109	9	160
MI-160.110	10	176
MI-160.111	11	192
MI-160.112	12	208
MI-160.113	13	224
MI-160.114	14	240

With double bend, as buttress for tibial head fractures. Fixation with 4.5mm & 6.5mm screws.



L-BUTTRESS PLATE 4.5mm FOR LEFT & RIGHT LEG

Code No.	No. of Holes	Length in mm	Code No.	No. of Holes	Length in mm
MI-161.133L	3	69	MI-161.103R	3	69
MI-161.134L	4	85	MI-161.104R	4	85
MI-161.135L	5	101	MI-161.105R	5	101
MI-161.136L	6	117	MI-161.106R	6	117
MI-161.137L	7	133	MI-161.107R	7	133
MI-161.138L	8	149	MI-161.108R	8	149
MI-161.139L	9	165	MI-161.109R	9	165
MI-161.140L	10	181	MI-161.110R	10	181
MI-161.141L	11	197	MI-161.111R	11	197
MI-161.142L	12	213	MI-161.112R	12	213
MI-161.143L	13	229	MI-161.113R	13	229
MI-161.144L	14	245	MI-161.114R	14	245

With double bend, as buttress for tibial and humeral head fractures. Left angled for right leg & right angled for left leg.



HOOK PLATE 4.5MM WITH DCP 6 HOLES

Code No.	No. of Holes	Height mm
MI-194.000	6	128

Fixation with 4.5mm Cortical Screws.

Shaft with DCP dynamic compression holes and slot for RI-TENSION device.



**CONDYLAR BUTTRESS PLATES 4.5mm
FOR LEFT & RIGHT LEG**

Code No.	No. of Holes	Code No.	No. of Holes
MI-164.007L	7	MI-164.107R	7
MI-164.009L	9	MI-164.109R	9
MI-164.011L	11	MI-164.111R	11
MI-164.012L	12	MI-164.112R	12
MI-164.013L	13	MI-164.113R	13
MI-164.015L	15	MI-164.115R	15

With DCP dynamic compression holes and slot for ZI-TENSION device.
As buttress for the femoral condyles with multiple fragment fractures.



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5
FOR LEFT & RIGHT LEG**

Code No.	No. of Holes	Length in mm	Code No.	No. of Holes	Length in mm
MI-165.105L	5	117	MI-165.005R	5	117
MI-165.107L	7	149	MI-165.007R	7	149
MI-165.109L	9	181	MI-165.009R	9	181
MI-165.111L	11	213	MI-165.011R	11	213
MI-165.113L	13	245	MI-165.013R	13	245

Fixation with 4.5mm & 6.5mm screws shaft with DCP dynamic compression holes and slot for ZI-TENSION device.

Left angled for right leg and right angled for left leg.

**CONDYLAR BUTTRESS PLATES 4.5mm
WITH LC UNDER CUTS AND LC-DCP HOLES
FOR LEFT & RIGHT LEG**

Code No.	No. of Holes	Code No.	No. of Holes
MI-164.307L	7	MI-164.407R	7
MI-164.309L	9	MI-164.409R	9
MI-164.311L	11	MI-164.411R	11
MI-164.312L	12	MI-164.412R	12
MI-164.313L	13	MI-164.413R	13
MI-164.315L	15	MI-164.415R	15

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.

**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5 MM
WITH LC UNDER CUTS AND LC-DCP HOLES
FOR LEFT & RIGHT LEG**

Code No.	No. of Holes	Length in mm	Code No.	No. of Holes	Length in mm
MI-165.305L	5	117	MI-165.405R	5	117
MI-165.307L	7	149	MI-165.407R	7	149
MI-165.309L	9	181	MI-165.409R	9	181
MI-165.311L	11	213	MI-165.411R	11	213
MI-165.313L	13	245	MI-165.413R	13	245

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.



COBRA HEAD PLATE - 4.5 MM

Code No.	No. of Holes	Length mm
MI-193.008	8	170
MI-193.009	9	186
MI-193.010	10	202
MI-193.011	11	218

Shaft with DCP dynamic compression holes and slot for ZI-TENSION device. For arthrodesis of the hip.

In the two shaft holes next to the head, two 4.5mm cortical screws, length 68mm, are normally used.



**LENGTHENING PLATE, 4.5MM,
NARROW, 8 HOLES**

Code No.	Lengthening in mm	Length in mm
MI-152.130	30	135
MI-152.140	40	145
MI-152.150	50	155
MI-152.160	60	165
MI-152.170	70	175
MI-152.180	80	185



LENGTHENING PLATE, 4.5MM, BROAD, 8 HOLES

Code No.	Lengthening in mm	Length in mm
MI-153.130	30	135
MI-153.140	40	145
MI-153.150	50	155
MI-153.160	60	165



LENGTHENING PLATE, 4.5MM, BROAD, 10 HOLES

Code No.	Lengthening in mm	Length in mm
MI-154.150	50	179
MI-154.160	60	189
MI-154.170	70	199
MI-154.180	80	209
MI-154.190	90	219
MI-154.200	100	229
MI-154.210	110	239
MI-154.220	120	249



4.5 MM RECONSTRUCTION PLATES
STRAIGHT / CURVED MI

Code No.	No. of Holes	Length	Code No.	No. of Holes
MI-149.105	5	77	MI-149.105C	5
MI-149.106	6	93	MI-149.106C	6
MI-149.107	7	109	MI-149.107C	7
MI-149.108	8	125	MI-149.108C	8
MI-149.109	9	141	MI-149.109C	9
MI-149.110	10	157	MI-149.110C	10
MI-149.112	12	189	MI-149.112C	12
MI-149.114	14	221	MI-149.114C	14
MI-149.116	16	253	MI-149.116C	16
MI-149.118	18	285	MI-149.118C	18
MI-149.120	20	317	MI-149.120C	20
MI-149.122	22	349	MI-149.122C	22

Do Not Bend more than 15°. Fixation with 4.5 & 6.5mm screws.



DRILL BIT - S.S. - QUICK COUPLING END

Code No.	Dia. mm	Length mm
MI-260.3ZI	-203.2	130
MI-260.450	4.5	130



DRILL BIT - PLAIN SHANK / JACOB CHUCK END

Code No.	Dia. mm	Length mm
MI-261.632	3.2	130
MI-261.645	4.5	130



BONE TAP WITH T-HANDLE

Code No.	Dia. mm	
MI-263.040	4.5	
MI-263.045	4.5	Extra Long
MI-263.0ZI	-506.5	Cancellous



BONE TAP - QUICK COUPLING END

Code No.	Dia. mm	
MI-264.040	4.5	
MI-264.045	4.5	Extra Long
MI-264.0ZI	-506.5	Cancellous

Code No.	Description
MI-305.030	Counter Sink for 4.5 & 6.5mm Screws
MI-305.060	Counter Sink - Q.C. 8.0mm Head



Quick Coupling Handle (T-Type)
Code No.: MI-306.010



Quick Coupling with Fibre Handle
Code No.: MI-306.020



Quick Coupling Adaptor for Drill Bits
Code No.: MI-306.030



Lane Screw Driver
Code No.: MI-301.010

INSTRUMENTS FOR LARGE FRAGMENTS



Hexagonal Screw Driver with Sleeve 3.5mm Tip
Code No.: MI-301.030



Hexagonal Screw Driver 3.5mm Tip
Code No.: MI-301.050



Screw Driver Shaft, Q.C. End - 3.5mm Tip
Code No.: MI-301.070



Large Plate Bender - Pair
Code No.: MI-302.020



Plate Bending Press
Code No.: MI-302.070



Large Depth Gauge
Code No.: MI-303.020



Large Neutral & Loaded Drill Guide
Code No.: MI-304.020



Drill Sleeve 3.2mm
Code No.: MI-307.030



Drill Sleeve 3.5mm
Code No.: MI-307.040



Tap Sleeve-Instruments for Plating
Code No.: MI-307.044

Code No.	Description
MI-302.060	Plate Bender for 4.5mm Reconstruction Plates
MI-302.030	Plate Bending Pliers (Roller Type)



Tap Sleeve 4.5mm
Code No.: MI-307.045



Tap Sleeve 6.5mm
Code No.: MI-307.46



Drill Sleeve 4.5mm
Code No.: MI-307.050



Drill & Tap Sleeve Combined 3.2/4.5mm
Code No.: MI-307.070



Drill & Tap Sleeve Combined 3.2/6.5mm
Code No.: MI-307.080



Insert Drill Sleeve 3.2mm
Code No.: MI-307.095



Pointed Drill Guide
Code No.: 308.000



Screw Holding Forceps
Code No.: MI-309.000



**Hollow Mill for removal of Screws
Large - for 4.5mm & 6.5mm Screws**
Code No.: 310.030



Sharp Hook
Code No.: 371-000



Hollow Mill for Removal of Drill Bits
Code No.: 310.010

INSTRUMENTS SETS FOR LARGE FRAGMENTS

BASIC INSTRUMENT SET

Code No.: MI-IS010M

Set Consisting of:	Units
Drill Bilt (S.S. with St. Shank), 3.2mm.....	1
Drill Bilt (S.S. with St. Shank), 4.5mm.....	1
Counter Sink for 8mm Head	1
Tap for 4.5mm Cortical Screws (Coupling End).....	1
Tap for 6.5mm Cancellous Screws with T-Handle.....	1
Combined Drill/Tap Sleeve, 3.2mm / 4.5mm	1
Large Hexagonal Screws Driver.....	1
Large Depth Gauge	1
Neutral & Load Drill Guide	1
Quick Coupling Handle	1
Large Screws Holding Forceps.....	1
Large Bending Irons (Pair).....	1
Self Centering Bone Holding Forceps, 240mm	1
Self Centering Bone Holding Forceps, 260mm	1
Reduction Forcep (Serrated), 240mm	1
Reduction Forcep (Pointed), 200mm	1
Hohman Retractors, 12mm	1
Hohman Retractors, 18, 22 & 25mm	1
Periosteal Elevator, Straight, Size 12mm.....	1

SCREW SET - LARGE

Code No.: MI-IS013

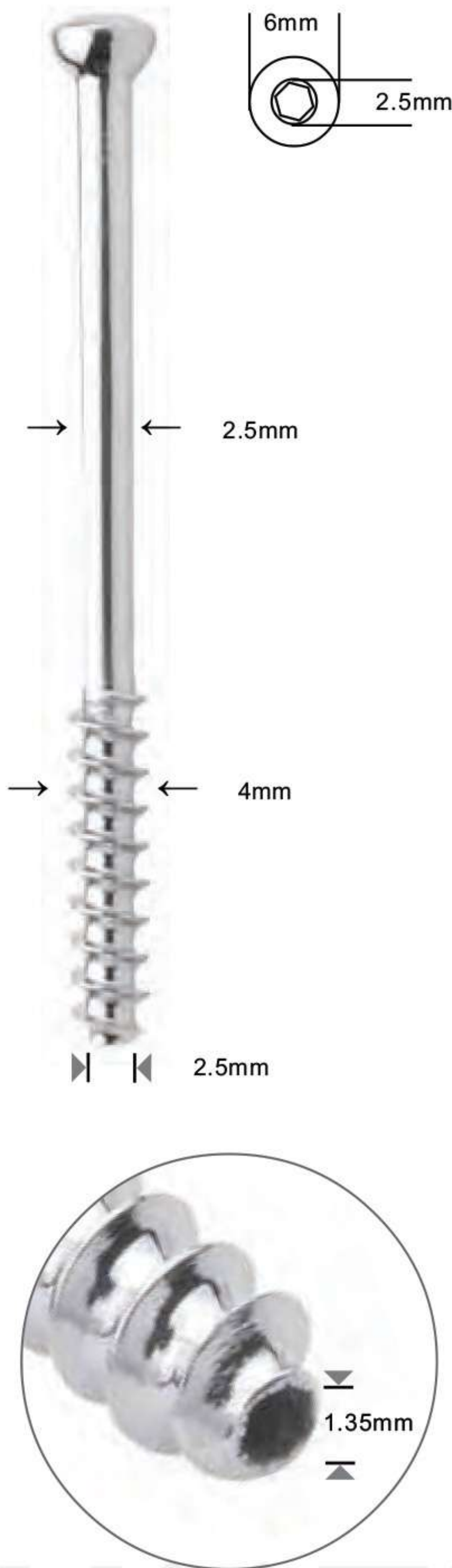
Set Consisting of:	Units
4.5mm Cortical Screw	
7 each of 14, 16, 18, 20, 22, 24mm	42
14 each of 26, 28mm	28
12 each of 30, 32, 34, 36, 38mm	60
6 each of 40, 42, 44, 46, 48, 50mm	36
6.5mm Cancellous Bone Screw/16mm	
2 each of 25, 30, 35, 40, 45, 50, 55, 60mm	16
3 each of 65, 70, 75, 80, 85, 90, 95mm	21
2 each of 100, 105, 110mm	6
6.5mm Cancellous Bone Screw/32mm	
4 each of 25, 30, 35, 40, 45, 50, 55, 60mm	32
2 each of 65, 70, 75, 80, 85, 90mm	12
Malleolar Screw 4.5mm	
2 each of 25, 30, 35, 40, 45, 50, 55, 60mm	16
Large Washers.....	12
Screw Holding Forceps.....	1
S.S.Box with Screw Tray.....	1 set

PLATE SET Code

No.: MI-IS014

Set Consisting of:	Units
Semi-Tubular Plate	
1 each with 4, 5, 6, 7 Holes	
Narrow DCP - 4.5.....	12
2 each with 5, 6, 7, 8, 9, 10 Holes	
Broad DCP - 4.5.....	12
2 each with 6, 7, 8 Holes	
1 each with 9, 10, 11, 12, 14, 16 Holes	
T-Plate	
1 each with 4, 5, 6, 7, 8 Holes in Shaft	5
T-Buttress Plate	
1 each with 4, 5, 6, 7, 8 Holes in Shaft	5
L-Buttress Plate - Left Angled	
Shaft with 4 Holes.....	1
L-Buttress Plate - Right Angled	
Shaft with 4 Holes.....	1
S.S.Box with Two Trays.....	1 set

SMALL CANNULATED
CANCELOUS SCREWS,
S.S. 4.0MM DIA.,
SHORT THREAD



Code No.	Length mm
MI-116.010	10
MI-116.012	12
MI-116.014	14
MI-116.016	16
MI-116.018	18
MI-116.020	20
MI-116.022	22
MI-116.024	24
MI-116.026	26
MI-116.028	28
MI-116.030	30
MI-116.032	32
MI-116.034	34
MI-116.036	36
MI-116.038	38
MI-116.040	40
MI-116.042	42
MI-116.044	44
MI-116.046	46
MI-116.048	48
MI-116.050	50
MI-116.055	55
MI-116.060	60

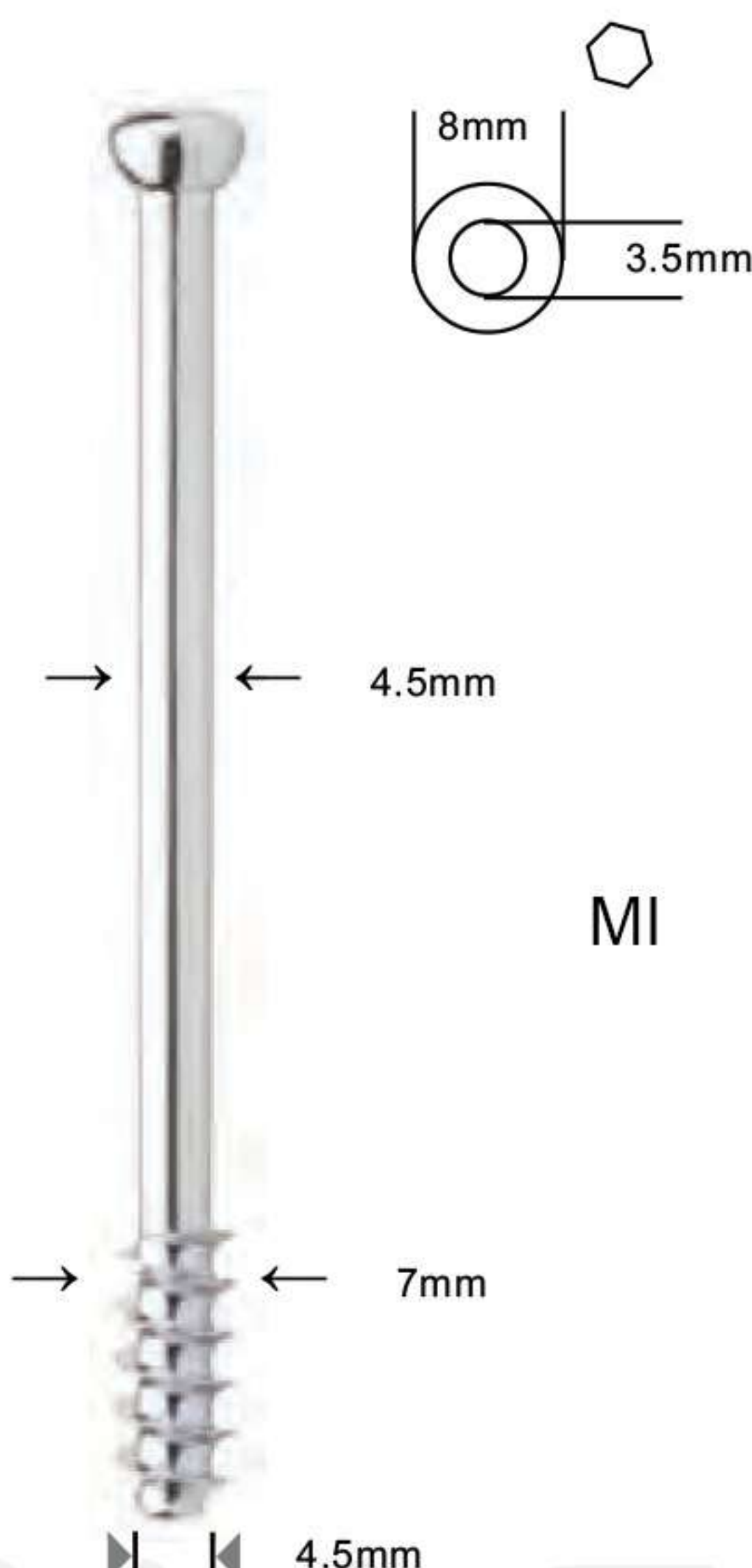
LARGE CANNULATED
CANCELOUS SCREWS,
S.S. 7.0MM DIA.,
32MM THREAD



Code No.	Length mm
MI-112.050	50
MI-112.055	55
MI-112.060	60
MI-112.065	65
MI-112.070	70
MI-112.075	75
MI-112.080	80
MI-112.085	85
MI-112.090	90
MI-112.095	95
MI-112.100	100
MI-112.105	105
MI-112.110	110
MI-112.115	115
MI-112.120	120

Profile:
Cannulation: 2.1mm

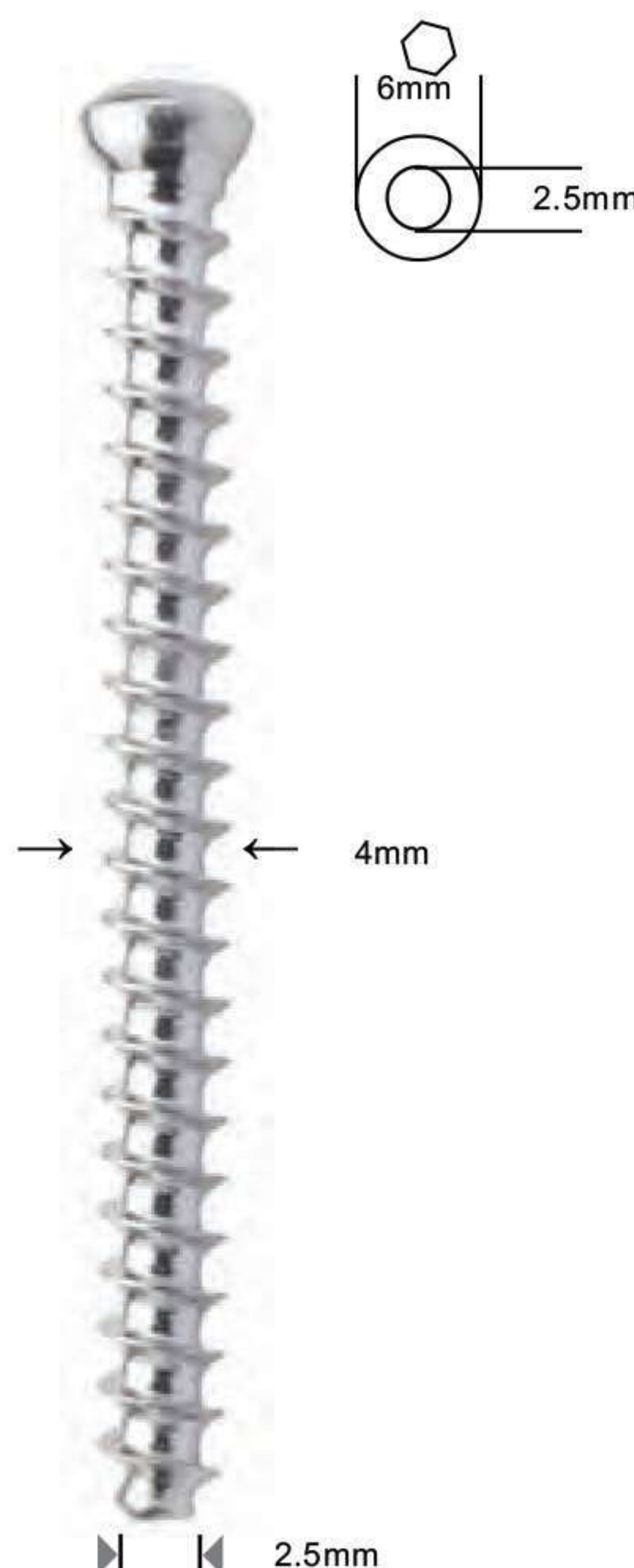
LARGE CANNULATED
CANCELOUS SCREWS,
S.S. - 7.0MM DIA.,
16MM THREAD



Code No.	Length mm
MI-111.050	50
MI-111.055	55
MI-111.060	60
MI-111.065	65
MI-111.070	70
MI-111.075	75
MI-111.080	80
MI-111.085	85
MI-111.090	90
MI-111.095	95
MI-111.100	100
MI-111.105	105
MI-111.110	110
MI-111.115	115
MI-111.120	120

Profile:
Drill Bit for Threaded Hole: 4.5mm

**SMALL CANNULATED
CANCELLOUS SCREW
4.0MM DIA., FULL
LENGTH THREAD**



**C O R T I C A L
CANNULATED SCREW
4.5MM DIA., FULL
THREAD**



**C O R T I C A L
CANNULATED SCREW
4.5MM DIA - SHORT
THREAD**



Code No.	Length mm
MI-116.210	10
MI-116.212	12
MI-116.214	14
MI-116.216	16
MI-116.218	18
MI-116.220	20
MI-116.222	22
MI-116.224	24
MI-116.226	26
MI-116.228	28
MI-116.230	30
MI-116.232	32
MI-116.234	34
MI-116.236	36
MI-116.238	38
MI-116.240	40
MI-116.242	42
MI-116.244	44
MI-116.246	46
MI-116.248	48
MI-116.250	50
MI-116.255	55
MI-116.260	60

Profile:
Cannulation: 1.35mm

Code No.	Length mm
MI-117.020	20
MI-117.022	22
MI-117.024	24
MI-117.026	26
MI-117.028	28
MI-117.030	30
MI-117.032	32
MI-117.034	34
MI-117.036	36
MI-117.038	38
MI-117.040	40
MI-117.042	42
MI-117.044	44
MI-117.046	46
MI-117.048	48
MI-117.050	50
MI-117.052	52
MI-117.054	54
MI-117.056	56
MI-117.058	58
MI-117.060	60
MI-117.062	62
MI-117.064	64
MI-117.066	66
MI-117.068	68
MI-117.070	70
MI-117.072	72
MI-117.074	74

Profile:
Drill Bit for Threaded Hole: 3.2mm
Drill Bit for Gliding Hole: 4.5mm
Cannulation: 1.75mm

Code No.	Length mm
MI-117.120	20
MI-117.122	22
MI-117.124	24
MI-117.126	26
MI-117.128	28
MI-117.130	30
MI-117.132	32
MI-117.134	34
MI-117.136	36
MI-117.138	38
MI-117.140	40
MI-117.142	42
MI-117.144	44
MI-117.146	46
MI-117.148	48
MI-117.150	50
MI-117.152	52
MI-117.154	54
MI-117.156	56
MI-117.158	58
MI-117.160	60
MI-117.162	62
MI-117.164	64
MI-117.166	66
MI-117.168	68
MI-117.170	70
MI-117.172	72
MI-117.174	74

Profile:
Drill Bit for Threaded Hole: 3.2mm
Cannulation: 1.75mm

INSTRUMENTS FOR CANNULATED SCREWS



Cannulated Drill Bit
Code No.: MI-703.010



Cannulated Tap
Code No.: MI-703.011



Parallel Wire Guide
Code No.: MI-703.013



Direct Measuring Device
Code No.: MI-703.014



Threaded Guide Wire 2.0mm Dia
Code No.: MI-703.015



Stylet 2.0mm Code
No.: MI-703.017



INSTRUMENTS SETS FOR CANNULATED SCREWS

LARGE CANNULATED CANCELLOUS INSTRUMENT SET Code No.: RI-IS020

	Set Consisting of:	Units
MI-703.010	Cannulated Drill Bit 4.5mm.....	1
MI-703.011	Cannulated Tap.....	1
MI-703.012	Protection Sleeve 4.5mm Dia.....	1
MI-703.013	Parallel Wire Guide.....	1
MI-703.014	Direct Measuring Device.....	1
MI-703.015	Threaded Guide Wire 2.0mm Dia.....	5
MI-703.016	Large Cannulated Hexagonal Screw Driver....	1
MI-703.017	Stylet 2.0mm.....	1
MI-400.005	S.S.Box with Two Trays.....	1 set



OPTIONAL INSTRUMENTS 7.0MM CANNULATED SCREW

MI-260.200	Drill Bit 2.0mm Dia for Quick Coupling Length 100mm
MI-703.020	Counter Sink Cannulated Length 230mm
MI-703.021	Parallel Drill Guide 4.5mm
MI-703.022	Trocar 2.0mm Dia Length 118mm
MI-703.023	Drill Sleeve 4.5/2.0mm Length 109mm
MI-703.024	Drill Sleeve 8.0/4.5mm Length 100mm
MI-703.025	Protection Sleeve 11.0/8.0mm

DHS-DCS IMPLANT SET Code No.: MI-IS021

Set Consisting of:	Units
7.0mm Cannulated Cancellous Screws/16mm	28
2 each, Length 50, 55, 60, 65, 100mm	
3 each, Length 70, 75, 80, 85, 90, 95mm	
7.0mm Cannulated Cancellous Screws/32mm	16
1 each, Length 50, 55, 60, 65mm	
2 each, Length 70, 75, 80, 85, 90, 95mm	
Washers.....	10
SSbox with Trays	1 set



Chisel Guide Code
No.: MI-702.005



Seating Chisel
Code No.: MI-702.006



Inserter - Extractor
Code No.: MI-702.007



Impactor
Code No.: MI-702.009



Condylar Plate Guide
Code No.: MI-702.010



Triangular Positioning Plates
Code No.: MI-702.011



Quadrangular Positioning Plate
Code No.: MI-702.012



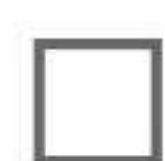
Slotted Hammer
Code No.: MI-702.008



Triple Drill Guide - 130° angle
Code No.: MI-702.013



Drill Bit 2.0mm
Code No.: MI-260.200



INSTRUMENTS SET FOR ANGLED BLADE PLATE

ANGLED BLADE PLATE INSTRUMENT SET Code No.: RI-IS019

	Set Consisting of:.....	Units
MI-702.005	Chisel Guide	1
MI-702.006	Seating Chisel	1
MI-702.007	Inserter - Extractor	1
MI-702.008	Slotted Hammer	1
MI-702.009	Impactor	1
MI-702.010	Condylar Plate Guide	1
MI-702.011	Triangular Positioning Plates	3
MI-702.012	Quadrangular Positioning Plate	1
MI-702.013	Triple Drill Guide - 130° angle	1
MI-260.200	Drill Bit 2.0mm	1
MI-400.005	S.S.Box with Two Trays.....	1 set





95° CONDYLAR PLATES (DCP)

MI

MI-162.051

MI-162.052

MI-162.053

MI-162.054

92

5

Blade Length (Code Nos. Below)

50 mm	60 mm	70 mm	80 mm	Plate Length mm	No. of Holes
MI-162.051	MI-162.052	MI-162.053	MI-162.054	92	5
MI-162.071	MI-162.072	MI-162.073	MI-162.074	124	7
MI-162.091	MI-162.092	MI-162.093	MI-162.094	156	9
MI-162.011	MI-162.012	MI-162.013	MI-162.014	204	12
MI-162.021	MI-162.022	MI-162.023	MI-162.024	236	14
MI-162.031	MI-162.032	MI-162.033	MI-162.034	268	16
MI-162.041	MI-162.042	MI-162.043	MI-162.044	300	18

Profile:

With DCP dynamic compression holes and slot for RI-TENSION device. All condylar plates have an angle of 95° between blade and shaft. The two holes next to the blade are suitable for 6.5mm cancellous bone screws, all other holes are self-compressing holes. Fixation with 4.5mm cortical screws. For fractures in the distal and proximal femoral region as well as for intertrochanteric valgus osteotomy.



DHS BARREL DOUBLE ANGLED PLATES
DCP HOLE - 120°

Code No.	No. of Holes
MI-166.104	4
MI-166.105	5
MI-166.106	6
MI-166.107	7
MI-166.108	8

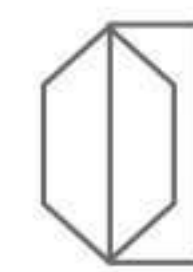
Profile:

With DCP dynamic compression holes and slot for RI-TENSION device. Fixation with 4.5mm Cortical Screws.

CONDYLAR PLATE INSTRUMENT SET

Code No.: MI-IS018

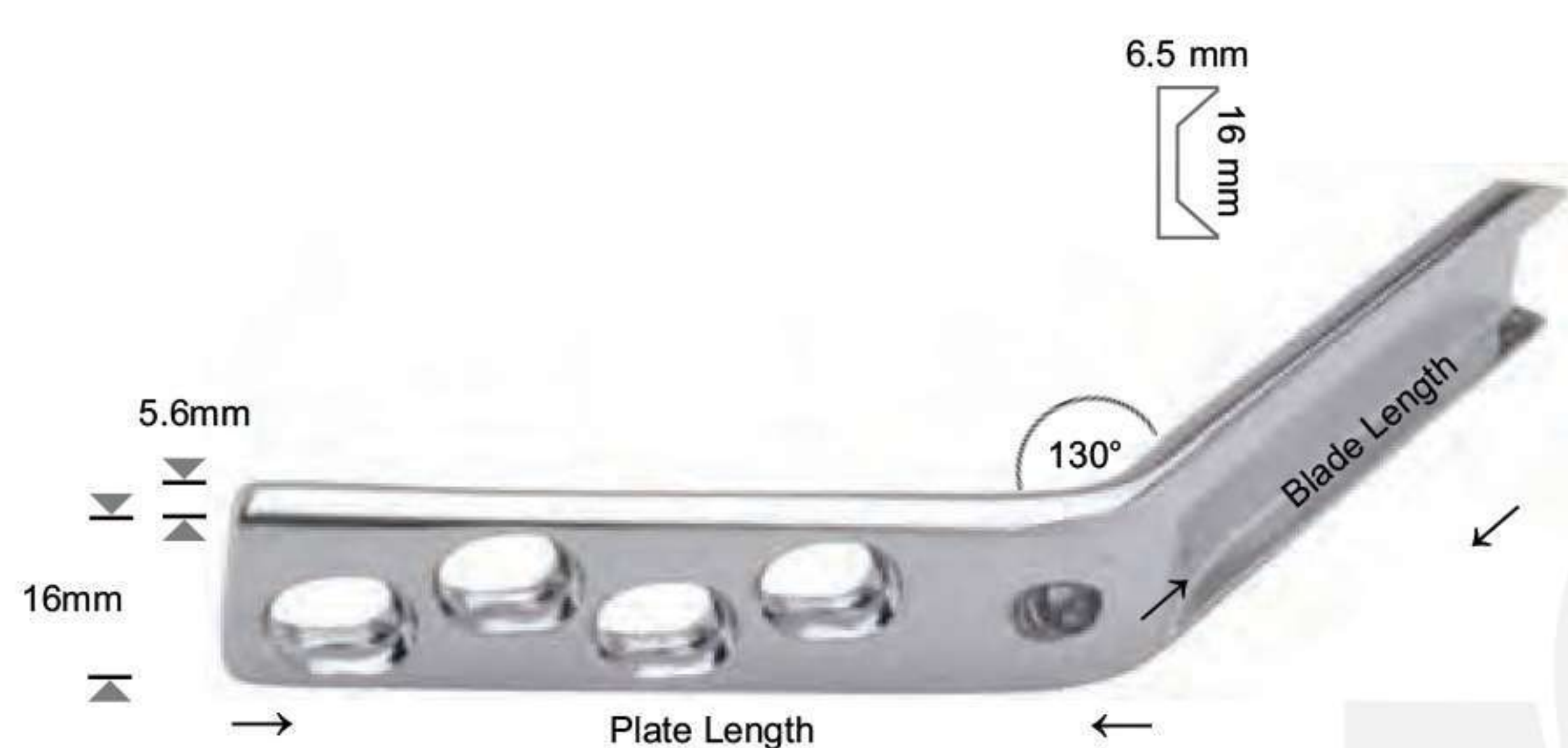
Set Consisting of:		Units
MI-702.005	Chisel Guide	1
MI-702.006	Seating Chisel	1
MI-702.007	Insertor - Extractor	1
MI-702.008	Slotted Hammer	1
MI-702.009	Impactor	1
MI-702.010	Condylar Plate Guide	1
MI-400.005	S.S.Box with Two Trays.....	1 set



ANGLED BLADE PLATES FOR INTERTROCHANTERIC FEMORAL OSTEOTOMIES IN ADULTS DCP HOLES

MI

Code No.	Blade Length mm	Displacement T mm	Angle Degree
MI-170.140	40	10	90°
MI-170.15	50	10	90
MI-170.16	60	10	90
MI-170.17	70	10	90
MI-170.24	40	15	90
MI-170.25	50	15	90
MI-170.26	60	15	90
MI-170.27	70	15	90
MI-170.35	50	20	90
MI-170.36	60	20	90
MI-170.37	70	20	90
MI-170.450	50	10	100°
MI-170.46	60	10	100
MI-170.47	70	10	100°



130° ANGLED BLADE PLATES,

Code No.	No. of (DCP) Holes	Blade Length mm	Plate Length mm
MI-163.001	12	50	200
MI-163.00	12	60	20
MI-163.00	12	70	20
MI-163.00	12	80	20
MI-163.04	4	50	60
MI-163.04	4	60	60
MI-163.04	4	70	60
MI-163.04	4	80	60
MI-163.06	6	50	10
MI-163.06	6	60	40
MI-163.06	6	70	40
MI-163.06	6	80	40
MI-163.09	9	50	45
MI-163.09	9	60	45
MI-163.09	9	70	45
MI-163.09	9	80	45
4			2

Profile:

With DCP dynamic compression holes and slot for RI-TENSION device (from 6 holes up). Fixation with 4.5mm cortical screws. For femoral neck and pertrochanteric fractures.

Profile:

Shaft with 4 DCP dynamic compression holes and slot for RI-TENSION device. Fixation with 4.5mm cortical screws. The hole in the bend enables fixation of the calcar femoris with a long cortical screw. Blade Length Measured on the inside.



ANGLED BLADE PLATES FOR INTERTROCHANTERIC FEMORAL OSTEOTOMIES IN ADULTS DCP HOLES

Code No.	Blade Length mm	Angle Degree
MI-171.265	65	110
MI-171.27	75	110
MI-171.28	85	110
MI-171.06	60	120
MI-171.06	65	120
MI-171.07	70	120
MI-171.07	75	120
MI-171.08	80	120
MI-171.08	85	120
MI-171.56	65	130
MI-171.57	70	130
MI-171.57	75	130
MI-171.58	80	130
MI-171.58	85	130
MI-171.59	90	130
MI-171.59	95	130
MI-171.51	10	130°

Profile:

Shaft with 4 DCP dynamic compression holes and slot for RI-TENSION device. Fixation with 4.5mm cortical screws. For repositioning osteotomies in the treatment of femoral neck



DHS BARREL PLATES DCP HOLES



DHS SHORT BARREL PLATES DCP HOLES

	With DCP Holes					DCP Holes					With Round Holes					
Holes	130°	135°	140°	145°	150°	135°	130°	135°	140°	Length mm						
2	MI-166.001	MI-166.022	MI-166.043	RI-166.053	MI-166.063	MI-166.082	MI-166.502	MI-166.602	MI-166.702	46						
3	MI-166.002	MI-166.023	MI-166.044	RI-166.054	MI-166.064	MI-166.083	MI-166.503	MI-166.603	MI-166.703	56						
4	MI-166.004	MI-166.024	MI-166.045	RI-166.055	MI-166.065	MI-166.084	MI-166.504	MI-166.604	MI-166.704	78						
5	MI-166.005	MI-166.025	MI-166.046	RI-166.056	MI-166.066	MI-166.085	MI-166.505	MI-166.605	MI-166.705	94						
6	MI-166.006	MI-166.026	MI-166.047	RI-166.057	MI-166.067	MI-166.086	MI-166.506	MI-166.606	MI-166.706	110						
7	MI-166.007	MI-166.027	MI-166.048	RI-166.058	MI-166.068	MI-166.087	MI-166.507	MI-166.607	MI-166.707	126						
8	MI-166.008	MI-166.028	MI-166.049	RI-166.059	MI-166.069	MI-166.088	MI-166.508	MI-166.608	MI-166.708	142						
9	MI-166.009	MI-166.029	MI-166.050	RI-166.060	MI-166.070	MI-166.089	MI-166.509	MI-166.609	MI-166.709	158						
10	MI-166.010	MI-166.030	MI-166.051	RI-166.061	MI-166.071	MI-166.090	MI-166.510	MI-166.610	MI-166.710	174						
12	MI-166.012	MI-166.032	MI-166.052	RI-166.062	MI-166.072	MI-166.091	MI-166.512	MI-166.612	MI-166.712	206						
14	MI-166.014	MI-166.034	-	-	MI-166.073	MI-166.092	MI-166.513	MI-166.613	MI-166.713	238						
16	MI-166.016	MI-166.036	-	-	MI-166.074	MI-166.093	MI-166.514	MI-166.614	MI-166.714	270						
18	MI-166.018	MI-166.038	-	-	MI-166.075	MI-166.094	MI-166.515	MI-166.615	MI-166.715	302						
20	MI-166.020	MI-166.040	-	-	MI-166.076	MI-166.095	MI-166.516	MI-166.616	MI-166.716	334						
22	MI-166.021	MI-166.042	-	-	MI-166.077	MI-166.096	MI-166.517	MI-166.617	MI-166.717	366						

Profile:

With DCP dynamic compression holes and slot for RI-TENsion device. Fixation with 4.5mm cortical screws. For pertrochanteric and in tertrochanteric fractures.



DHS/DCS COMPRESSION SCREW
For use with DHS and DCS plates.
Code No.: RI-168.990



DHS/DCS SCREWS, 12.5MM DIA.



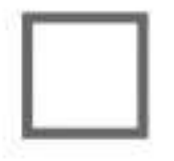
95° DCS PLATES DCP HOLES

Code No.	No. of Holes	Length in mm
MI-167.006	6	100
MI-167.007	7	115
MI-167.008	8	130
MI-167.009	9	146
MI-167.010	10	163
MI-167.012	12	198
MI-167.014	14	225
MI-167.016	16	260
MI-167.018	18	306
MI-167.020	20	338
MI-167.022	22	370

Code No.	Length mm
MI-168.050	50
MI-168.055	55
MI-168.060	60
MI-168.065	65
MI-168.070	70
MI-168.075	75
MI-168.080	80
MI-168.085	85
MI-168.090	90
MI-168.095	95
MI-168.100	100
MI-168.105	105
MI-168.110	110
MI-168.115	115
MI-168.120	120
MI-168.125	125
MI-168.130	130
MI-168.135	135
MI-168.140	140
MI-168.145	145

Profile:

With DCP dynamic compression holes and slot for MI-TENsion device. Fixation with 4.5mm cortical screws. For condylar fractures, avoids further damage to the bone.



INSTRUMENTS FOR DHS / DCS & ANGLED BLADE PLATES



DHS Angle Guide - 135°
Code No.: MI-701.022



T-Handle with Quick Coupling
Code No.: MI-701.023



DHS Tripple Reamer
Code No.: MI-701.025



DHS Tap
Code No.: MI-701.028



Wrench for DHS Screws
Code No.: MI-701.026



Long Coupling Screw for DHS Screw Removal
Code No.: MI-701.033



Centering Sleeve for DHS Tap
Code No.: MI-701.029



Centering Sleeve for DHS Wrench
Code No.: MI-701.030



Coupling Screw for inserting DHS Screw
Code No.: MI-701.031



Guide Shaft for Coupling Screw
Code No.: MI-701.032



DHS Impactor Code
No.: MI-701.027



Stylet
Code No.: MI-701.034



OPTIONAL INSTRUMENTS FOR DCS PLATES



DCS Triple Reamer
Code No.: MI-701.040



DCS ANGLE GUIDE
Code No.: MI-701.041

□ INSTRUMENTS SETS FOR DCS PLATES

D.H.S. INSTRUMENTS SET

Code No.: RI-IS016

Set Consisting of:		Units
MI-701.021	Guide Pin, with Threaded Tip	6
MI-701.022	DHS Angle Guide - 135°	1
MI-701.023	T-Handle with Quick Coupling	1
MI-701.024	Direct Measuring Device	1
MI-701.025	DHS Tripple Reamer	1
MI-701.026	Wrench for DHS Screws	1
MI-701.027	DHS Impactor	1
MI-701.028	DHS Tap	1
MI-701.029	Centering Sleeve for DHS Tap	1
MI-701.030	Centering Sleeve for DHS Wrench	1
MI-701.031	Coupling Screw for inserting DHS Screw	1
MI-701.032	Guide Shaft for Coupling Screw	1
MI-701.033	Long Coupling Screw for DHS Screw Removal ...	1
MI-701.034	Stylet	1
MI-400.005	S.S.box with Two Trays	1 set

MI

OPTIONAL INSTRUMENTS FOR ABOVE SET

MI-701.040	DCS Triple Reamer
MI-701.041	DCS Angle Guide
MI-701.042	DHS Triple Reamer-Short Reamer
MI-701.043	DHS Angle Guide - 130°
MI-701.044	DHS Angle Guide - 140°
MI-701.045	DHS Angle Guide - 150°



DHS-DCS IMPLANT SET

Code No.: MI-IS017

Set Consisting of:	Units
DHS/DCS Screws.....	18
1 each, Length 50, 70, 95, 100mm	
2 each, Length 55, 60, 65, 75, 80, 85, 90mm	
DHS/DCS Compression Screw.....	18
DHS Plate - 135°.....	8
2 each with 4, 5, 6, Holes	
1 each with 8 & 10 Holes	
DCS Plate - 95°.....	6
1 each with 6 and 12 Holes	
2 each with 8 and 10 Holes	
S.S. Box with Two Trays.....	1 set

AUSTIN MOORE STEP BALL

Dia. mm	Non-Sterile	*Sterile
37	MI-173.437	MI-173.537
38	MI-173.438	MI-173.538
39	MI-173.439	MI-173.539
40	MI-173.440	MI-173.540
41	MI-173.441	MI-173.541
42	MI-173.442	MI-173.542
43	MI-173.443	MI-173.543
44	MI-173.444	MI-173.544
45	MI-173.445	MI-173.545
46	MI-173.446	MI-173.546
47	MI-173.447	MI-173.547
48	MI-173.448	MI-173.548
49	MI-173.449	MI-173.549
50	MI-173.450	MI-173.550
51	MI-173.451	MI-173.551
52	MI-173.452	MI-173.552
53	MI-173.453	MI-173.553
54	MI-173.454	MI-173.554
55	MI-173.455	MI-173.555



THOMPSON HIP PROSTHESIS - EXCEL

STANDARD STEM

Non-Sterile	*Sterile	
Code No.	Code No.	Dia.
MI-172.037	MI-172.237	37mm
MI-172.038	MI-172.238	38 mm
MI-172.039	MI-172.239	39 mm
MI-172.040	MI-172.240	40 mm
MI-172.041	MI-172.241	41 mm
MI-172.042	MI-172.242	42 mm
MI-172.043	MI-172.243	43 mm
MI-172.044	MI-172.244	44 mm
MI-172.045	MI-172.245	45 mm
MI-172.046	MI-172.246	46 mm
MI-172.047	MI-172.247	47 mm
MI-172.048	MI-172.248	48 mm
MI-172.049	MI-172.249	49 mm
MI-172.050	MI-172.250	50 mm
MI-172.051	MI-172.251	51 mm
MI-172.052	MI-172.252	52 mm
MI-172.053	MI-172.253	53 mm
MI-172.054	MI-172.254	54 mm
MI-172.055	MI-172.255	55 mm

NARROW STEM

Non-Sterile	*Sterile
Code No.	Code No.
MI-172.437	MI-172.537
MI-172.438	MI-172.538
MI-172.439	MI-172.539
MI-172.440	MI-172.540
MI-172.441	MI-172.541
MI-172.442	MI-172.542
MI-172.443	MI-172.543
MI-172.444	MI-172.544
MI-172.445	MI-172.545
MI-172.446	MI-172.546
MI-172.447	MI-172.547
MI-172.448	MI-172.548
MI-172.449	MI-172.549
MI-172.450	MI-172.550
MI-172.451	MI-172.551
MI-172.452	MI-172.552
MI-172.453	MI-172.553
MI-172.454	MI-172.554
MI-172.455	MI-172.555





Code No.:MI-173.037



Code No.:MI-174.037

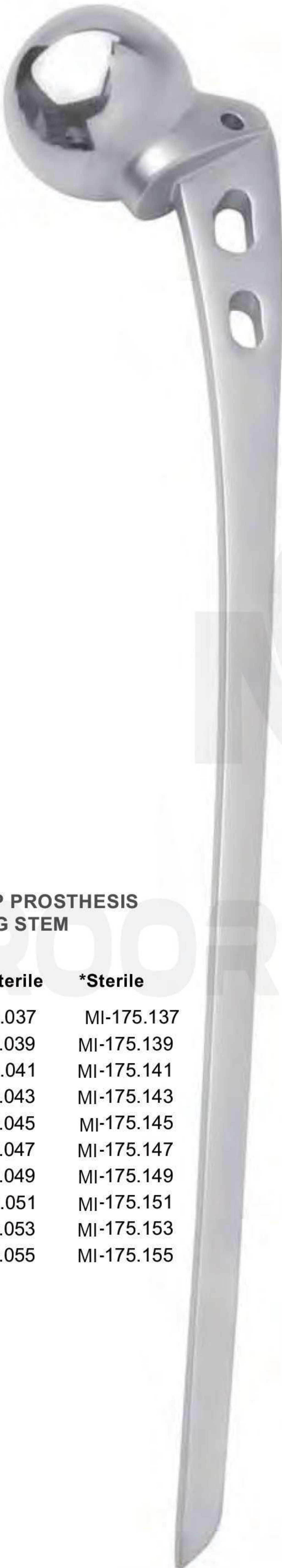


Code No.:MI-173.267

AUSTIN MOORE HIP PROSTHESIS - EXCEL

Dia. in mm	STANDARD STEM		NARROW STEM		BROAD STEM	
	Non-Sterile Code No.	*Sterile Code No.	Non-Sterile Code No.	*Sterile Code No.	Non-Sterile Code No.	*Sterile Code No.
37	MI-173.037	MI-173.137	MI-174.037	MI-174.237	MI-173.267	MI-173.367
38	MI-173.038	MI-173.138	MI-174.038	MI-174.238	MI-173.268	MI-173.368
39	MI-173.039	MI-173.139	MI-174.039	MI-174.239	MI-173.269	MI-173.369
40	MI-173.040	MI-173.140	MI-174.040	MI-174.240	MI-173.270	MI-173.370
41	MI-173.041	MI-173.141	MI-174.041	MI-174.241	MI-173.271	MI-173.371
42	MI-173.042	MI-173.142	MI-174.042	MI-174.242	MI-173.272	MI-173.372
43	MI-173.043	MI-173.143	MI-174.043	MI-174.243	MI-173.273	MI-173.373
44	MI-173.044	MI-173.144	MI-174.044	MI-174.244	MI-173.274	MI-173.374
45	MI-173.045	MI-173.145	MI-174.045	MI-174.245	MI-173.275	MI-173.375
46	MI-173.046	MI-173.146	MI-174.046	MI-174.246	MI-173.276	MI-173.376
47	MI-173.047	MI-173.147	MI-174.047	MI-174.247	MI-173.277	MI-173.377
48	MI-173.048	MI-173.148	MI-174.048	MI-174.248	MI-173.278	MI-173.378
49	MI-173.049	MI-173.149	MI-174.049	MI-174.249	MI-173.279	MI-173.379
50	MI-173.050	MI-173.150	MI-174.050	MI-174.250	MI-173.280	MI-173.380
51	MI-173.051	MI-173.151	MI-174.051	MI-174.251	MI-173.281	MI-173.381
52	MI-173.052	MI-173.152	MI-174.052	MI-174.252	MI-173.282	MI-173.382
53	MI-173.053	MI-173.153	MI-174.053	MI-174.253	MI-173.283	MI-173.383
54	MI-173.054	MI-173.154	MI-174.054	MI-174.254	MI-173.284	MI-173.384
55	MI-173.055	MI-173.155	MI-174.055	MI-174.255	MI-173.285	MI-173.385
56	MI-173.056	MI-173.156	MI-174.056	MI-174.256	MI-173.286	MI-173.386
57	MI-173.057	MI-173.157	MI-174.057	MI-174.257	MI-173.287	MI-173.387
58	MI-173.058	MI-173.158	MI-174.058	MI-174.258	MI-173.288	MI-173.388

BIPOLAR



AUSTIN MOORE HIP PROSTHESIS
EXTRA LONG STEM

Dia. mm	Non-Sterile	*Sterile
37	MI-175.037	MI-175.137
39	MI-175.039	MI-175.139
41	MI-175.041	MI-175.141
43	MI-175.043	MI-175.143
45	MI-175.045	MI-175.145
47	MI-175.047	MI-175.147
49	MI-175.049	MI-175.149
51	MI-175.051	MI-175.151
53	MI-175.053	MI-175.153
55	MI-175.055	MI-175.155

Profile:
Stem Length: 300mm

BIPOLAR HIP PROSTHESIS

Dia. mm	*Sterile
37	MI-175.237
38	MI-175.238
39	MI-175.239
40	MI-175.240
41	MI-175.241
42	MI-175.242
43	MI-175.243
44	MI-175.244
45	MI-175.245
46	MI-175.246
47	MI-175.247
48	MI-175.248
49	MI-175.249
50	MI-175.250
51	MI-175.251
52	MI-175.252
53	MI-175.253
54	MI-175.254
55	MI-175.255



Rasp for Austin Moore
Code No.: MI-386.010



Rasp for Austin Moore Extra Long
Code No.: MI-386.011



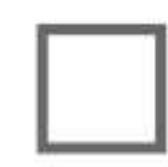
Code No.	Description
MI-386.020	Rasp for Thomposon



Murphy Lane Bone Skid
Code No.: MI-386.030



Moore Hollow Chisel
Code No.: MI-386.040



INSTRUMENTS FOR FEMORAL HEAD



Judget Auger Extractor

Code No.: MI-386.050



Extractor with 2 Hooked

Code No.: MI-386.080



Measuring Guage for Prosthesis

Code No.: MI-386.060



Impacter Nylon Faced

Code No.: MI-386.070



Spare Hook for Extractor

Code No.: MI-386.090

INSTRUMENTS FOR BIOPOLAR

Code No.	Description
MI-175.260	Charnley Retractor with Weight & Chain
MI-175.261	Rasp for Biopolar
MI-175.262	Conical Reamer



All Parts to be
Ordered Seprately



All Parts to be
Ordered Seprately



FEMORAL NECK BALL
FOR C.P.T. HIP SYSTEM

I.D. 22mm			I.D. 26 mm	
Code No.	Description	Size	Code No.	
MI-175.410	Femoral Neck #1	-3	MI-175.420	
MI-175.411	Femoral Neck #2	0	MI-175.421	
MI-175.412	Femoral Neck #3	+3	MI-175.422	
MI-175.413	Femoral Neck #4	+6	MI-175.423	
MI-175.414	Femoral Neck #5	+10	MI-175.424	



COLLERLESS POLISHED TAPERED
FEMORAL STEM

MI

Code No.	Description	Size
MI-175.400	Femoral Stem # 1	0
MI-175.401	Femoral Stem # 2	1
MI-175.402	Femoral Stem # 3	2
MI-175.403	Femoral Stem # 4	3
MI-175.404	Femoral Stem # 5	4



ACETABULAR CUP FOR C.P.T. HIP SYSTEM

MI

I.D. 22mm			I.D. 26 mm	
Code No.	Description	Size	Code No.	
MI-175.440	Acetabular Cup # 1	40	MI-175.540	
MI-175.443	Acetabular Cup # 2	43	MI-175.543	
MI-175.446	Acetabular Cup # 3	46	MI-175.546	
MI-175.449	Acetabular Cup # 4	49	MI-175.549	
MI-175.452	Acetabular Cup # 5	52	MI-175.552	
MI-175.455	Acetabular Cup # 6	55	MI-175.555	
MI-175.458	Acetabular Cup # 7	58	MI-175.558	
MI-175.461	Acetabular Cup # 8	61	MI-175.561	



HARD TOP CUP FOR C.P.T. HIP SYSTEM

I.D. 22mm Code No.	Int. Dia. in mm	I.D. 26mm Code No.
MI-175.639	39	MI-175.739
MI-175.640	40	MI-175.740
MI-175.641	41	MI-175.741
MI-175.642	42	MI-175.742
MI-175.643	43	MI-175.743
MI-175.644	44	MI-175.744
MI-175.645	45	MI-175.745
MI-175.646	46	MI-175.746
MI-175.647	47	MI-175.747
MI-175.648	48	MI-175.748
MI-175.649	49	MI-175.749
MI-175.650	50	MI-175.750
MI-175.651	51	MI-175.751
MI-175.652	52	MI-175.752
MI-175.653	53	MI-175.753
MI-175.654	54	MI-175.754
MI-175.655	55	MI-175.755

Code No.	Description
MI-175.670	Charnley Retractor with Weight & Chain
MI-175.671	Posterior Interior Retractor
MI-175.672	Left Anterior Retractor
MI-175.673	Right Anterior Retractor
MI-175.674	Superior Retractor
MI-175.675	Femoral Retractor
MI-175.676	Blunt Hohmann Retractor
MI-175.677	Sharp Hohman Retractor

PRECISION MIDSHAFT TAPERED REAMERS WITH HUDSON FITTING

Code No.	Description
MI-175.680	Midshaft Reamer for #1 6mm to 8mm
MI-175.681	Midshaft Reamer for #2 8mm to 11mm
MI-175.682	Midshaft Reamer for #3 11mm to 13mm
MI-175.683	Midshaft Reamer for #4 13mm to 16mm
MI-175.684	Midshaft Reamer for #5 16mm to 19mm

BONE PLUG

Code No.	Description	Size
MI-175.780	Bone Plug # 1	Small
MI-175.781	Bone Plug # 2	Medium
MI-175.782	Bone Plug # 3	Large

Code No.	Description
MI-175.685	T-Handle Coupling Adopter for Precision Midshaft Tapered Reamers
MI-175.678	Femoral Neck Cutting Guide
MI-175.688	Precision Broach/Trial Handle with Extractor Ram

PRECISION TOTAL HIP BROACH/TRIAL FOR MEMORAL STEM COMPONENT

Code No.	Description
MI-175.785	Centralizer

Code No.	Description
MI-175.690	Broach/Trial #1 for Femoral Stem #0
MI-175.691	Broach/Trial #2 for Femoral Stem #1
MI-175.692	Broach/Trial #3 for Femoral Stem #2
MI-175.693	Broach/Trial #4 for Femoral Stem #3
MI-175.694	Broach/Trial #5 for Femoral Stem #4

*Minimum Order for Assorted Sizes for Sterile Items are: 100 Pcs.

INSTRUMENTS FOR PRECISION MODULAR HIP SYSTEM



Code No.	Description
MI-175.695	Precision Femoral Stem Inserter with Extractor Device
MI-175.696	Precision Centerilizer Placement Rod
MI-175.697	Stem Alignment Rod for Precision Femoral Stem Inserter
MI-175.698	Precision Bone Cement Block/ Inserter Rod
MI-175.699	Neck Pusher - S.S. Hard Top

PRIMARY MODULAR SYSTEM ACETABULAR CUP/NECK TRIALS

PRIMARY MODULAR SYSTEM ACETABULAR CUP/NECK TRIALS

Code No.	Description
MI-175.900	Precision Femoral Head Extractor
MI-175.901	Precision Head measuring Gauge
MI-175.902	Precision Acetabular Reamer Handle with Hudson Fitting
MI-175.925	Acetabular Drill Guide Handle
MI-175.926	Precision Acetabular Cup Positioner with pusher & Alignment Rod
MI-175.927	Precision Acetabular pusher 22/26mm Cups Impactor with Alignment Rod
MI-175.928	Acetabular Cup Extractor

FEMORAL NECK TRIALS

I.D. 22mm		I.D. 26 mm	
Code No.	Description	Size	Code No.
MI-175.930	Femoral Neck #1	-3	MI-175.935
MI-175.931	Femoral Neck #2	0	MI-175.936
MI-175.932	Femoral Neck #3	+3	MI-175.938
MI-175.933	Femoral Neck #4	+6	MI-175.938
MI-175.934	Femoral Neck #5	+10	MI-175.939

PRECISION ACETABULAR REAMER HEAD COMPONENTS

Code No.	Description	Size mm
MI-175.905	Acetabular Reamers # 1	40
MI-175.906	Acetabular Reamers # 2	43
MI-175.907	Acetabular Reamers # 3	46
MI-175.908	Acetabular Reamers # 4	49
MI-175.909	Acetabular Reamers # 5	52
MI-175.910	Acetabular Reamers # 6	55
MI-175.911	Acetabular Reamers # 7	58
MI-175.912	Acetabular Reamers # 8	61
MI-175.913	Acetabular Reamers # 9	64

ACETABULAR CUP TRIAL

I.D. 22mm		I.D. 26 mm	
Code No.	Description	Size	Code No.
MI-175.940	Acetabular Cup # 1	40	MI-175.950
MI-175.941	Acetabular Cup # 2	43	MI-175.951
MI-175.942	Acetabular Cup # 3	46	MI-175.952
MI-175.943	Acetabular Cup # 4	49	MI-175.953
MI-175.944	Acetabular Cup # 5	52	MI-175.954
MI-175.945	Acetabular Cup # 6	55	MI-175.955
MI-175.946	Acetabular Cup # 7	58	MI-175.956
MI-175.947	Acetabular Cup # 8	61	MI-175.957

ACETABULAR CURRETTE

Code No.	Size mm
MI-175.920	Small
MI-175.921	Medium
MI-175.922	Large

CHARNLEY FEMORAL STEM WITH VARIABLE NECKS - STERILE

Description	Size	Short Neck	Standard Neck	Extra Long Neck
Femoral Stem # 1	0	MI-176.001	MI-176.007	MI-176.013
Femoral Stem # 2	1	MI-176.002	MI-176.008	MI-176.014
Femoral Stem # 3	2	MI-176.003	MI-176.009	MI-176.015
Femoral Stem # 4	3	MI-176.004	MI-176.010	MI-176.016
Femoral Stem # 5	4	MI-176.005	MI-176.011	MI-176.017
Femoral Stem # 6	5	MI-176.006	MI-176.012	MI-176.018



CUP FOR CHARNLEY HIP SYSTEM
INTERNAL DIA. 22MM (STERILE)

BONE PLUG

Code No.	Description	Size
MI-176.030	Bone Plug # 1	Small
MI-176.031	Bone Plug # 2	Medium
MI-176.032	Bone Plug # 3	Large

Code No.	Description	Size mm
MI-176.040	Acetabular Cup # 1	40
MI-176.043	Acetabular Cup # 2	43
MI-176.046	Acetabular Cup # 3	46
MI-176.049	Acetabular Cup # 4	49
MI-176.052	Acetabular Cup # 5	52
MI-176.055	Acetabular Cup # 6	55
MI-176.058	Acetabular Cup # 7	58
MI-176.061	Acetabular Cup # 8	61

Code No.	Description
MI-176.033	Centralizer

CHARNLEY TYPE HIP SYSTEM

Code No.	Description
MI-176.204	Charnley Retractor with Weight & Chain
MI-176.205	Posterior Interior Retractor
MI-176.206	Left Anterior Retractor
MI-176.207	Right Anterior Retractor
MI-176.208	Superior Retractor
MI-176.209	Femoral Retractor
MI-176.210	Blunt Hohmann Retractor
MI-176.211	Sharp Hohman Retractor

CHARNLEY MIDSHAFT TAPERED REAMERS WITH HUDSON FITTING

Code No.	Description
MI-176.230	Midshaft Reamer for #1 6mm to 8mm
MI-176.231	Midshaft Reamer for #2 8mm to 11mm
MI-176.232	Midshaft Reamer for #3 11mm to 13mm
MI-176.233	Midshaft Reamer for #4 13mm to 16mm
MI-176.234	Midshaft Reamer for #5 16mm to 19mm

CHARNLEY TOTAL HIP BROACH FOR MEMORAL STEM COMPONENT

Code No.	Description
MI-176.260	Broach/Trial #1 for Femoral Stem #0
MI-176.261	Broach/Trial #2 for Femoral Stem #1
MI-176.262	Broach/Trial #3 for Femoral Stem #2
MI-176.263	Broach/Trial #4 for Femoral Stem #3
MI-176.264	Broach/Trial #5 for Femoral Stem #4

CHARNLEY TRIAL NECK FOR BROACH/TRIAL STEM COMPONENT

Code No.	Description	Size mm
MI-176.240	Broach/Trial Stem #1 Short Neck	31
MI-176.241	Broach/Trial Stem #2 Standard Long Neck	35
MI-176.242	Broach/Trial Stem #3 Extra Long Neck	42

Code No.	Description
MI-176.218	Femoral Stem Inserter with Extractor Device
MI-176.215	Charnley Neck Cutting Guide
MI-176.220	Charnley Stem Impactor with Changeable Nylon Face
MI-176.250	T-Handle Coupling Adopter for Charnley Midshaft Tapered Reamers
MI-176.251	Charnley Centerilizer Placement Rod
MI-176.252	Charnley Broach Handle with Extractor Ram
MI-176.253	Charnley Stem Alignment Rod for Precision Femoral Stem Inserter
MI-176.254	Charnley Bone Cement Block/Inserter Rod

PRIMARY CHARNLEY SYSTEM ACETABULAR CUP/NECK TRIALS

Code No.	Description
MI-176.360	Charnley Femoral Head Extractor
MI-176.361	Charnley Head measuring Gauge
MI-176.363	Charnley Acetabular Reamer Handle with Hudson Fitting
MI-176.383	Acetabular Drill Guide Handle
MI-176.384	Charnley Acetabular Cup Positioner with pusher & Alignment Rod
MI-176.385	Charnley Acetabular pusher 22mm Cups Impactor with Alignment rod
MI-176.386	Acetabular Cup Extractor

CHARNLEY ACETABULAR REAMER HEAD COMPONENTS (I.D. 22MM)

Code No.	Description	Size mm
MI-176.365	Acetabular Reamers # 1	40
MI-176.366	Acetabular Reamers # 2	43
MI-176.367	Acetabular Reamers # 3	46
MI-176.368	Acetabular Reamers # 4	49
MI-176.369	Acetabular Reamers # 5	52
MI-176.370	Acetabular Reamers # 6	55
MI-176.371	Acetabular Reamers # 7	58
MI-176.372	Acetabular Reamers # 8	61
MI-176.373	Acetabular Reamers # 9	64

ACETABULAR CUP TRIALS (I.D. 22MM)

Code No.	Description	Size mm
MI-176.390	Acetabular Cup # 1	40
MI-176.391	Acetabular Cup # 2	43
MI-176.392	Acetabular Cup # 3	46
MI-176.393	Acetabular Cup # 4	49
MI-176.394	Acetabular Cup # 5	52
MI-176.395	Acetabular Cup # 6	55
MI-176.396	Acetabular Cup # 7	58
MI-176.397	Acetabular Cup # 8	61
MI-176.398	Acetabular Cup # 9	64

ACETABULAR CURRETTE

Code No.	*Sterile
MI-176.380	Small
MI-176.381	Medium
MI-176.382	Large



JEWETT NAIL PLATES - 135°

Code No.	Dia. mm
MI-176.104	4
MI-176.105	5
MI-176.106	6
MI-176.107	7
MI-176.108	8
MI-176.109	9
MI-176.110	10
MI-176.112	12

MASROOR INSTRUMENTS

☐ INSTRUMENTS FOR JEWETT NAIL

Code No.	Description
387.010	Driver Handle
387.020	Starter for S.P. Nail
387.030	Impactor-Extractor for S.P. Nail
387.080	Jewett Nail Impactor - Extractor
	MI
	MI
	MI

Spinal Rod - S.S.

6.30mm (1/4" x 610mm)

Code No.: RI-275.624



ACL SCREWS

Length in mm	Diameter		
	7 mm	8 mm	9 mm
20	MI-630.07-20	MI-630.08-20	MI-630.09-20
25	MI-630.07-25	MI-630.08-25	MI-630.09-25
30	MI-630.07-30	MI-630.08-30	MI-630.09-30
35	MI-630.07-35	MI-630.08-35	MI-630.09-35



Straight Side Connector - S.S.

6.30mm (1/4")

Code No.: RI-275.655



PROXIMAL LATERAL TIBIAL PLATE

FOR LEFT LEG

FOR RIGHT LEG

Code No.	No. of Holes	Code No.	No. of Holes
MI-622.003L	3	MI-622.003R	3
MI-622.005L	5	MI-622.005R	5
MI-622.007L	7	MI-622.007R	7
MI-622.009L	9	MI-622.009R	9
MI-622.011L	11	MI-622.011R	11
MI-622.013L	13	MI-622.013R	13

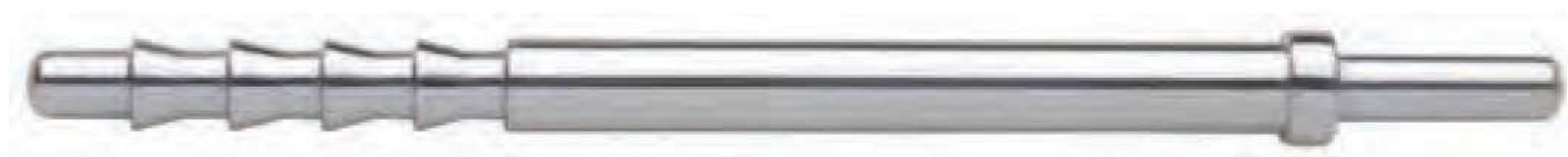
DISTAL TIBIAL PLATE

FOR LEFT LEG

FOR RIGHT LEG

Code No.	No. of Holes	Code No.	No. of Holes
MI-623.003L	3	MI-623.003R	3
MI-623.005L	5	MI-623.005R	5
MI-623.007L	7	MI-623.007R	7
MI-623.009L	9	MI-623.009R	9
MI-623.011L	11	MI-623.011R	11
MI-623.013L	13	MI-623.013R	13

HARRINGTON IMPLANTS



HARRINGTON ROD



HARRINGTON HOOKS

Code No.	Size mm	Code No.	Description
MI-197.025	25	MI-197.270	Harrington Hook Upper - Sharp
MI-197.051	51	MI-197.271	Harrington Hook Upper - Blunt
MI-197.076	76	MI-197.275	Harrington Hook Lower - Sharp
MI-197.102	102	MI-197.276	Harrington Hook Lower - Blunt
MI-197.127	127	MI-197.280	Clip Washer
MI-197.152	152		
MI-197.178	178		
MI-197.203	203		
MI-197.224	224		
MI-197.254	254		

MASROOR INSTRUMENTS

HARRINGTON INSTRUMENTS

HARRINGTON INSTRUMENTS

Code No.	Description
390.005	Harrington Punch
390.010	Hook Holding Forceps - Left
390.015	Hook Holding Forceps - Right
390.020	Hook Spreader
390.025	Threaded Rod Clamp - Small
390.030	Threaded Rod Clamp - Large
390.035	Hook Pusher - Straight
390.040	Hook Pusher - Curved
390.045	C-Washer Holding Forceps
390.050	Harrington Rod Bender
390.055	Out Riger
391.000	Bender for Hart Shells (Pair)

CAPNERS’/COBB SPINAL GOUGE

Code No.	Description
MI-389.036	Straight
MI-389.038	Curved
MI-389.040	Deep Curved

□ STEFFEE IMPLANTS



STEFFEE PLATES

Code No.	No. of Holes
MI-198.010	1
MI-198.015	-151.5
MI-198.020	2
MI-198.022	2 x ½
MI-198.0ZI	-252.5
MI-198.030	3
MI-198.032	3 x ½
MI-198.0ZI	-353.5
MI-198.040	4
MI-198.045	4.5
MI-198.050	5



STEFFEE SCREWS

Length in mm	Diameter			
	4.5 mm	5.5 mm	6.5 mm	7 mm
24	MI-198.124	MI-198.224	MI-198.324	MI-198.424
26	MI-198.126	MI-198.226	MI-198.326	MI-198.426
28	MI-198.128	MI-198.228	MI-198.328	MI-198.428
30	MI-198.130	MI-198.230	MI-198.330	MI-198.430
32	MI-198.132	MI-198.232	MI-198.332	MI-198.432
34	MI-198.134	MI-198.234	MI-198.334	MI-198.434
36	MI-198.136	MI-198.236	MI-198.336	MI-198.436
38	MI-198.138	MI-198.238	MI-198.338	MI-198.438
40	MI-198.140	MI-198.240	MI-198.340	MI-198.440
42	MI-198.142	MI-198.242	MI-198.342	MI-198.442
44	MI-198.144	MI-198.244	MI-198.344	MI-198.444
46	MI-198.146	MI-198.246	MI-198.346	MI-198.446
48	MI-198.148	MI-198.248	MI-198.348	MI-198.448
50	MI-198.150	MI-198.250	MI-198.350	MI-198.450
52	MI-198.152	MI-198.252	MI-198.352	MI-198.452
54	MI-198.154	MI-198.254	MI-198.354	MI-198.454
56	MI-198.156	MI-198.256	MI-198.356	MI-198.456
58	MI-198.158	MI-198.258	MI-198.358	MI-198.458
60	MI-198.160	MI-198.260	MI-198.360	MI-198.460

□ STEFFEE INSTRUMENTS

Code No.	Description
MI-392010	Steffee Wrench - 8mm
MI-392020	Steffee Wrench - 11mm
MI-392030	Steffee Screw Tap - 4.5mm
MI-392040	Steffee Screw Tap - 5.5mm
MI-392050	Steffee Awl
MI-392060	Steffee Screw Introducer

TRAUMATOLOGY OF SPINE



H-PLATE FOR CERVICAL SPINE

Code No.	Hole Spacing		Length mm
	Hole	mm	
MI-199.001	5	16	23
MI-199.002	5	18	25
MI-199.003	5	21	28
MI-199.004	8	16+18	41
MI-199.005	8	18+21	46
MI-199.006	11	16+18+18	58



HART SHELLS

Code No.	Size mm
MI-195.103	75
MI-195.104	100
MI-195.105	125
MI-195.106	150
MI-195.107	175
MI-195.108	200
MI-195.109	225
MI-195.110	250



INSTRUMENTS FOR LAMINECTOMY

Code No.	Description
MI-389.002	Punch Forceps-Small-Upcutting
MI-389.004	Punch Forceps-Small-Downcutting
MI-389.006	Punch Forceps-Large-Upcutting
MI-389.008	Punch Forceps-Large-Downcutting
MI-389.010	Punch Forceps-45° Angle-Upcutting
MI-389.012	Punch Forceps-45° Angle-Downcutting
MI-389.014	Disc Forceps-Straight
MI-389.016	Disc Forceps-Upward
MI-389.018	Disc Forceps-Downward
MI-389.020	Beckmann Adson Retractor
MI-389.022	Nerve Root Retractor - Straight
MI-389.024	Nerve Root Retractor - 45° Angle
MI-389.026	Nerve Root Retractor - 90° Angle
MI-389.028	Nerve Root Dissector
MI-389.030	McDowel's Dissector
MI-389.032	Durer Elevator
MI-389.034	Cobs Elevator
MI-389.042	Spinal Rongers



Spinal Rongers
Code No.: MI-389.042



BONE CURRETTE WITH FIBRE HANDLE
Code No.: MI-367.020



McDowel's Dissector
Code No.: MI-389.030



Cobs Elevator
Code No.: MI-389.034

SELF RETAINING RETRACTOR

Code No.	Length
MI-380.010	Small
MI-380.020	Medium
MI-380.030	Large
MI-380.040	Extra Large





Punch Forceps-Small-Upcutting
Code No.: MI-389.002



Punch Forceps-Small-Downcutting
Code No.: MI-389.004



Punch Forceps-Large-Downcutting
Code No.: MI-389.008



Punch Forceps-Large-Upcutting
Code No.: MI-389.006



Punch Forceps-45° Angle-Upcutting
Code No.: MI-389.010



Punch Forceps-45° Angle-Downcutting
Code No.: MI-389.012



Disc Forceps-Straight
Code No.: MI-389.014



Nerve Root Retractor - Straight
Code No.: MI-389.022



Disc Forceps-Upward
Code No.: MI-389.016



Nerve Root Retractor - 45° Angle
Code No.: MI-389.024



Disc Forceps-Downward
Code No.: MI-389.018



Nerve Root Retractor - 90° Angle
Code No.: MI-389.026



**MAUSMIAMI SCREWS
MONO-PAEDIATRIC**

Length in mm.	Diameter		
	4 mm	5 mm	6 mm
24	MI-199.424	MI -199.524	MI -199.624
26	MI-199.426	MI-199.526	MI-199.626
28	MI-199.428	MI-199.528	MI-199.628
30	MI-199.430	MI-199.530	MI-199.630
32	MI-199.432	MI-199.532	MI-199.632
34	MI-199.434	MI-199.534	MI-199.634
36	MI-199.436	MI-199.536	MI-199.636
38	MI-199.438	MI-199.538	MI-199.638
40	MI-199.440	MI-199.540	MI-199.640
42	MI-199.442	MI-199.542	MI-199.642
44	MI-199.444	MI-199.544	MI-199.644
46	MI-199.446	MI-199.546	MI-199.646
48	MI-199.448	MI-199.548	MI-199.648
50	MI-199.450	MI-199.550	MI-199.650
52	MI-199.452	MI-199.552	MI-199.652
54	MI-199.454	MI-199.554	MI-199.654
56	MI-199.456	MI-199.556	MI-199.656
58	MI-199.458	MI-199.558	MI-199.658
60	MI-199.460	19s9.560	MI-199.660



**MAUSMIAMI SCREWS
POLY-PAEDIATRIC**

Length in mm.	MI Diameter		
	4 mm	5 mm	6 mm
24	MI-200.424	MI -200.524	MI -200.624
26	MI-200.426	MI-200.526	MI-200.626
28	MI-200.428	MI-200.528	MI-200.628
30	MI-200.430	MI-200.530	MI-200.630
32	MI-200.432	MI-200.532	MI-200.632
34	MI-200.434	MI-200.534	MI-200.634
36	MI-200.436	MI-200.536	MI-200.636
38	MI-200.438	MI-200.538	MI-200.638
40	MI-200.440	MI-200.540	MI-200.640
42	MI-200.442	MI-200.542	MI-200.642
44	MI-200.444	MI-200.544	MI-200.644
46	MI-200.446	MI-200.546	MI-200.646
48	MI-200.448	MI-200.548	MI-200.648
50	MI-200.450	MI-200.550	MI-200.650
52	MI-200.452	MI-200.552	MI-200.652
54	MI-200.454	MI-200.554	MI-200.654
56	MI-200.456	MI-200.556	MI-200.656
58	MI-200.458	MI-200.558	MI-200.658
60	MI-200.460	MI-200.560	MI-200.660



Rod

Length in mm.	Diameter			
	2 mm	3 mm	4 mm	5 mm
75	204.275	204.375	204.475	204.575
80	204.280	204.380	204.480	204.580
100	204.210	204.310	204.410	204.510
125	204.212	204.312	204.412	204.512
150	204.215	204.315	204.415	204.515



Connector for Mausmiami Screw
Code No.: MI-199.503

**MI
REDUCTION SCREW**

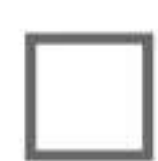
Length in mm.	Diameter	
	5 mm	6 mm
30	MI-201.530	MI -201.630
35	MI-201.535	MI-201.635
40	MI-201.540	MI-201.640
45	MI-201.545	MI-201.645
50	MI-201.550	MI-201.650
55	MI-201.555	MI-201.655

Item	Code No.	
	Pediatric	Regular
Padiclehook	MI-202.001	-202.101
Leminar Hook Redced Distance	MI-202.002	-202.102
Leminar Hook Angle Blade	MI-202.003	-202.103
Leminar Hook Narrow Blade	MI-202.004	-202.104
Leminar Hook Wide Blade	MI-202.005	-202.105

Item	Code No.	
	Pediatric	Regular
Transverse Connector	MI-203.001	-203.101
Stapple	MI-203.002	-203.102
Inner Screw for Screws & Hooks	MI-203.003	-203.103
Outer Nut for Screws & Hooks	MI-203.004	-203.104
	MI-203.005	-203.105

CAGE

Length in mm	Diameter							
	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm	22 mm	24 mm
20	MI-205.10-20	MI-205.12-20	MI-205.14-20	MI-205.16-20	MI-205.18-20	MI-205.20-20	MI-205.22-20	MI-205.24-20
25	MI-205.10-25	MI-205.12-25	MI-205.14-25	MI-205.16-25	MI-205.18-25	MI-205.20-25	MI-205.22-25	MI-205.24-25
30	MI-205.10-30	MI-205.12-30	MI-205.14-30	MI-205.16-30	MI-205.18-30	MI-205.20-30	MI-205.22-30	MI-205.24-30
35	MI-205.10-35	MI-205.12-35	MI-205.14-35	MI-205.16-35	MI-205.18-35	MI-205.20-35	MI-205.22-35	MI-205.24-35
40	MI-205.10-40	MI-205.12-40	MI-205.14-40	MI-205.16-40	MI-205.18-40	MI-205.20-40	MI-205.22-40	MI-205.24-40
45	MI-205.10-45	MI-205.12-45	MI-205.14-45	MI-205.16-45	MI-205.18-45	MI-205.20-45	MI-205.22-45	MI-205.24-45
50	MI-205.10-50	MI-205.12-50	MI-205.14-50	MI-205.16-50	MI-205.18-50	MI-205.20-50	MI-205.22-50	MI-205.24-50



INSTRUMENTS FOR MAUSMIAMI

Code No.	Description
MI-206.001	Pedicle Elevator
MI-206.002	Leminar Elevator
MI-206.003	Thoracic Facet Finder
MI-206.004	Probe Flat
MI-206.005	Probe Round
MI-206.006	Bone Tap - 6mm
MI-206.007	Bone Tap - 5mm
MI-206.008	MonoxialScrew Driver
MI-206.009	Polyaxial Screw Driver
MI-206.010	In-LineHook Holder
MI-206.011	Insertor for In-Line Holder
MI-206.012	Compact Hook Holder
MI-206.013	Insertor for Compact Hook Holder
MI-206.02I	-142.5mm Standard Hex Shaft
MI-206.015	French Rod Bender
MI-206.016	Tube Rod Bender
MI-206.017	IN-Situ Rod Bender, Right & Left
MI-206.018	Rod Holder
MI-206.019	Open Rod Pusher
MI-206.020	Closed Rod Pusher
MI-206.021	Sagittal Hook Holder
MI-206.022	Sagittal Rod Aproximator
MI-206.023	Sagittal Hook Holder Threaded
MI-206.024	Sagittal Rod Fork Large & Small
MI-206.025	Inner Screw Insertor with Outer Nut Insertor
MI-206.027	Compressor
MI-206.028	Spreader
MI-206.029	Rod Clamp - Long
MI-206.030	Distractor - Angled
MI-206.031	Inner Screw TighZI-TENer - Long
MI-206.032	Outer Nut TighZI-TENer
MI-206.033	Outer Nut gighZI-TENer Half Wrench
MI-206.034	90° Awl
MI-206.035	Staple Driver
MI-206.036	Rod Cutter
MI-206.037	Rod Stabilser
MI-206.038	Depth Gauge
MI-206.039	Vertebral Body Positioner
MI-206.040	Straight Awl
MI-206.041	TighZI-TENer - Long
MI-206.042	Tab Removers (Pair)
MI-206.043	Monoaxial Screwdriver forReduction Screw
MI-206.044	Polyaxial Screw Driver Shaft Sleeve
MI-206.045	Cage Holder
MI-206.046	Cage Pusher



Compressor Code
No.: MI-206.027



Flat Prob
Code No.: MI-206.004



Monoaxil Screw Driver
Code No.: MI-206.008



Inner Screw Inserter with Outer Nut Inserter
Code No.: MI-206.025



Straight Awl Code
No.: MI-206.040



Bone Tap
Code No.: MI-206.006 / MI-206.007



Pedical Elevator
Code No.: MI-206.001



Polyaxil Screw Driver
Code No.: MI-206.009



Rod Holder
Code No.: MI-206.018



Spreader
Code No.: MI-206.028



DISTRACTOR DOUBLE HOLE

Dia. in mm	LENGTH					
	75 mm Code No.	100 mm Code No.	150 mm Code No.	200 mm Code No.	250 mm Code No.	300 mm Code No.
4.0 mm	MI-209.001	MI-209.002	MI-209.003	—	—	—
6.0 mm	—	—	—	MI-209.011	MI-209.012	MI-209.013



DISTRACTOR OPEN HOLE

Dia. in mm	LENGTH				
	100 mm Code No.	150 mm Code No.	200 mm Code No.	250 mm Code No.	300 mm Code No.
4.0 mm	MI-209.022	MI-209.023	—	—	—
6.0 mm	MI-209.025	MI-209.026	MI-209.027	MI-209.028	MI-209.029



DISTRACTOR SINGLE HOLE

Code No.	Size in mm
MI-209.040	4 x 75
MI-209.045	4 x 50

Code No.	Description
MI-209.046	Rod Bender (Pair), 250mm



ALLEN KEY

Code No.	Dia. mm
MI-209.111	-112.5
MI-209.112	3.0

SPANNER

Code No.	Dia. mm
MI-209.120	-208.0
MI-209.130	10.0

K-WIRE (LENGTH 150 MM)

Code No.	Length
MI-185.116	-161.0
MI-185.121	-401.5
MI-185.150	1.8
MI-185.156	2.0
MI-185.186	2.5

THREADED ROD

Code No.	Size in mm
MI-209.075	4 x 100
MI-209.076	4 x 150



UNIAXIAL HINGE JOINT
Code No.:MI-209.051



BIAXIAL HINGE JOINT
Code No.:MI-209.061



LINK JOINTS

Code No.	Description
MI-209.131	2 x 3 (Upto 2mm Wire & 3mm Rod)
MI-209.135	3 x 4 (Upto 3mm Wire & 4mm Rod)
MI-209.139	4 x 4 (Upto 4mm Wire & 4mm Rod)



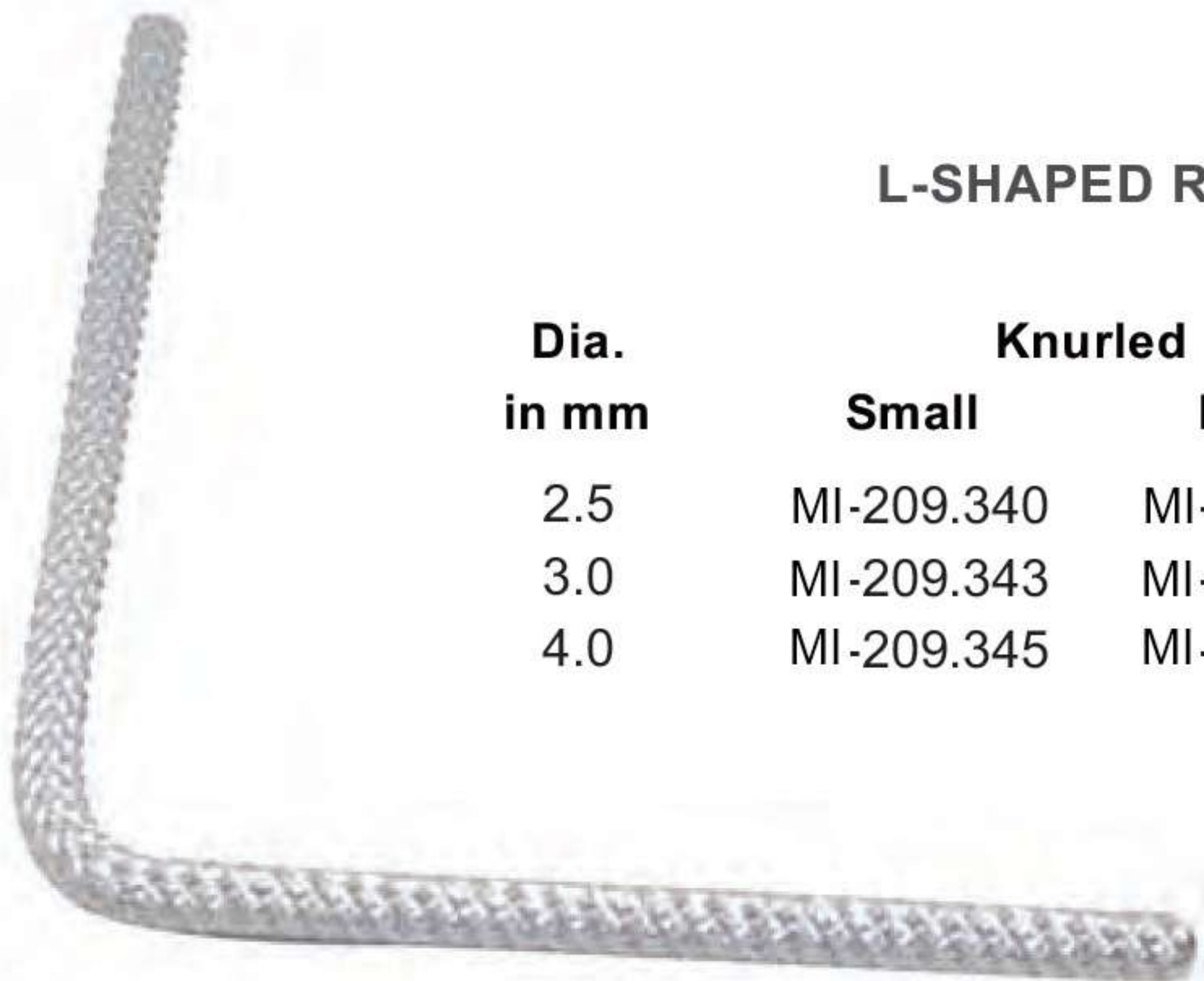
STRAIGHT ROD (KNURLED)

LENGTH in mm	DIA.			
	2 mm Code No.	2.5 mm Code No.	3 mm Code No.	4 mm Code No.
75	MI-209.201	MI-209.210	MI-209.225	-
100	MI-209.202	MI-209.213	MI-209.227	MI-209.245
150	-	MI-209.215	MI-209.231	MI-209.247
200	-	MI-209.217	MI-209.235	MI-209.249
250	-	-	MI-209.239	MI-209.251
300	-	-	MI-209.241	MI-209.253
350	-	-	-	MI-209.255
400	-	-	-	MI-209.257



Z-SHAPED RODS

Dia. mm	Knurled	Plain
2.5	MI-209.301	MI-209.311
3.0	MI-209.305	MI-209.315
4.0	MI-209.309	MI-209.319



L-SHAPED ROD (KNURLED)

Dia. in mm	Knurled		Plain	
	Small	Large	Small	Large
2.5	MI-209.340	MI-209.350	MI-209.361	MI-209.370
3.0	MI-209.343	MI-209.353	MI-209.363	MI-209.373
4.0	MI-209.345	MI-209.356	MI-209.365	MI-209.375

Hand CTEV Set Code No.: RI-IS054

Set Consisting of:	Units
Distractors	
Double Hole - 100 mm	2
Link Joints	
Link Joints (up to 2 mm Wire 3 mm Rod)	10
Link Joints (up to 3 mm Wire 4 mm Rod)	25
Link Joints Sliding (up to 3 mm Wire, 4 mm Rod) 2	
Link Joints 4 x 4 (up to 4 mm Wires / Rods).....	4
Hinges	
Uniaxial Hinge Joint.....	2
Biaxial HInge Joint.....	2
Nuts	
Straight Rods - Knurled	
Straight Rod 2 mm x 100 mm	2
Straight Rod 3 mm x 100 mm	2
Straight Rod 3 mm x 200 mm	2
Straight Rod 3 mm x 250 mm	2
Threaded Rods	
Threaded Rod 4 mm 100 mm	2
Threaded Rod 4 mm 150 mm	2
K-Wires	
K-Wire 1.5 mm x 150 mm	10
K-Wire 2.0 mm x 150 mm	10
Instruments	
Allen Key 2.0 mm	1
Allen Key 3.0 mm	1
Spanner 6 mm / 8 mm	2

Small CTEV Set Code No.: RI-IS055

Set Consisting of:	Units
Distractors	
Double Hole - 100 mm	2
Open Hole - 150 mm	2
Link Joints	
Link Joints (up to 3 mm Wire 4 mm Rod)	25
Straight Rods - Knurled	
Straight Rod 3 mm x 100 mm	4
Straight Rod 3 mm x 150 mm	2
Straight Rod 3 mm x 200 mm	2
Bent Rods - Knurled	
Small 'L' Rod 2.5 mm	2
Large 'L' Rod 2.5 mm	2
'Z' Rod 2.5 mm	2
Instruments	
Allen Key 2.0 mm	1
Allen Key 3.0 mm	1
K-Wires	
K-Wire 1.5 mm x 150 mm	5
K-Wire 1.8 mm x 150 mm	5

Medium CTEV Set Code No.: MI-IS056

Set Consisting of:	Units
Distractors	
Double Hole 6 mm x 150 mm	2
Open Hole 6 mm x 200 mm	2
Link Joints	
Link Joints (up to 3 mm Wire 4 mm Rod)	30
Straight Rods - Knurled	
Straight Rod 3 mm x 100 mm	2
Straight Rod 3 mm x 150 mm	6
Straight Rod 3 mm x 200 mm	2
Bent Rods - Knurled	
Small 'L' Rod 3.0 mm	2
Large 'L' Rod 3.0 mm	2
'Z' Rod 3.0 mm	2
Instruments	
Allen Key 2.0 mm	1
Allen Key 3.0 mm	1
K-Wires	
K-Wire 1.8 mm x 150 mm	5
K-Wire 2.0 mm x 150 mm	5

Large CTEV Set Code No.: MI-IS057

Set Consisting of:	Units
Distractors	
Double Hole 200 mm	2
Open Hole 300 mm	2
Link Joint	
Link Joint (up to 3 mm Wire 4 mm Rod)	15
Link Joint 4 x 4 (up to 4 mm Wires/Rods).....	10
Straight Rods - Knurled	
Straight Rod 4 mm x 100 mm	2
Straight Rod 4 mm x 150 mm	6
Straight Rod 4 mm x 350 mm	2
L-Shaped Rods - Knurled	
Small 'L' Rod 4.0 mm	2
Large 'L' Rod 4.0 mm	2
Z-Shaped Rod - 4.0 mm	2
Instruments	
Spanner 6 mm / 8 mm	1
Spanner 10 mm / 11 mm	1
Allen Key 2.0 mm	1
Allen Key 3.0 mm	1
K-Wires	
K-Wire 1.8 mm x 150 mm	5
K-Wire 2.0 mm x 150 mm	5

EXTERNAL FIXATOR FOR FOREARM & METACARPALS



SMALL SINGLE PIN CLAMP 4.0X2.5MM
Code No.: RI-213.001



SMALL CONNECTING CLAMP 4.0X4.0MM
Code No.: RI-213.002



SMALL COMPRESSION DISTRACTION DEVICE
Code No.: MI-217.000



SPANNER - 8MM
Code No.: RI-215.000



T-WRENCH - 8MM
Code No.: MI-216.000



CONNECTING ROD - 4.0MM DIA.

Code No.	Length mm
MI-214.003	100
MI-214.004	150
MI-214.005	200
MI-214.006	250
MI-214.007	300



FRONT THREADED PINS

Code No.	Dia. mm	Length mm
MI-220.0Z1	-101.5	75
MI-220.0Z1	-202.0	75
MI-220.0Z1	-302.5	100

Code No.	Description
MI-218.000	Double Sleeve 2.5mm / 4.0mm Dia.



FRONT THREADED PINS

Code No.	Description
MI-220.040	Dia 3.5mm , Shaft 4.0mm , Length125mm Thread Length - 14mm
MI-220.041	Thread Length - 20 mm
MI-220.050	Dia 3.5mm , Shaft 4.5mm , Length 125mm Thread Length - 18mm
MI-220.051	Thread Length - 22mm
MI-220.060	Cancellous Front Threaded Pin Dia 3.5mm, Shaft 4.0mm, Length 125mm

TUBULAR EXTERNAL FIXATOR

Code No.	Description	Code No.	Description
MI-210.001	Single Pin Clamp	MI-210.032	Connecting Rod 5.0mm
MI-210.002	Single Pin Clamp (Deluxe)	MI-210.033	Spanner - 11mm
MI-210.003	Double Pin Clamp	MI-210.034	T-Wrench - 11mm
MI-210.003a	Double Pin Clamp (Deluxe)	MI-210.035	Box Spanner - 11mm
MI-210.004	Open Single Pin Clamp	MI-210.036	Triple Trocar Set with Handle
MI-210.005	Connecting Clamp	MI-210.037	Triple Trocar Set - Extra Long
MI-210.007	Twin Adjustable Clamp - Straight	MI-210.038	Sleeve with Handle for 6.5mm Cancellous Shanz Pin
MI-210.008	Twin Adjustable Clamp - Curved	MI-210.050	Tubular Rods : 100mm (4")
MI-210.009	Transverse Clamp	MI-210.051	Tubular Rods : 150mm (6")
MI-210.010	Tube to Tube Clamp	MI-210.052	Tubular Rods : 200mm (8")
MI-210.011	Semi Circular Tubular Rod - Small	MI-210.053	Tubular Rods : 250mm (10")
MI-210.012	Semi Circular Tubular Rod - Large	MI-210.054	Tubular Rods : 300mm (12")
MI-210.013	Single Pin Clamp with ExZI-TENSION Plate	MI-210.055	Tubular Rods : 350mm (14")
MI-210.014	Double Pin Clamp with ExZI-TENSION Plate	MI-210.056	Tubular Rods : 400mm (16")
MI-210.030	Compression Distraction Device	MI-210.057	Tubular Rods : 450mm (18")
MI-210.031	Shanz Pin Introducer	MI-210.058	Tubular Rods : 500mm (20")



SINGLE PIN CLAMP
Code No.: MI-210.001



SINGLE PIN CLAMP (DELUXE)
Code No.: MI-210.002



DOUBLE PIN CLAMP
Code No.: MI-210.003



DOUBLE PIN CLAMP (DELUXE)
Code No.: MI-210.003a



OPEN SINGLE PIN CLAMP
Code No.: MI-210.004



CONNECTING CLAMP
Code No.: MI-210.005



TWIN ADJUSTABLE CLAMP - STRAIGHT
Code No.: MI-210.007



TWIN ADJUSTABLE CLAMP - CURVED
Code No.: MI-210.008



TRANSVERSE CLAMP
Code No.: MI-210.009



TUBE TO TUBE CLAMP
Code No.: MI-210.010



COMPRESSION DISTRACTION DEVICE
Code No.: MI-210.030



SHANZ PIN INTRODUCER
Code No.: MI-210.031



CONNECTING ROD 5.0MM
Code No.: MI-210.032



SPANNER - 11MM
Code No.: MI-210.033



TRIPLE TROCAR SET WITH HANDLE
Code No.: MI-210.036



TRIPLE TROCAR SET - EXTRA LONG
Code No.: MI-210.037



TUBULAR ROD



FRONT THREADED PINS (SHANZ SCREWS)

FRONT THREADED PINS (BLUNT TIP)

Code No.	Dia. mm	Length mm	Thread mm
MI-211.001	4.0	125	18
MI-211.002	4.0	175	25
MI-211.005	4.5	150	18
MI-211.006	4.5	150	25
MI-211.007	4.5	175	18
MI-211.008	4.5	175	25
MI-211.009	4.5	175	32
MI-211.010	-104.5	175	40
MI-211.011	-114.5	200	25
MI-211.012	4.5	200	32
MI-211.013	4.5	200	40
MI-211.014	-144.5	225	25
MI-211.015	-154.5	225	32
MI-211.016	-164.5	225	40
MI-211.025	5.0	150	18
MI-211.026	5.0	150	25
MI-211.027	-275.0	175	18
MI-211.028	5.0	175	25
MI-211.029	5.0	175	32
MI-211.030	-305.0	175	40
MI-211.031	5.0	200	25
MI-211.032	5.0	200	32
MI-211.033	5.0	200	40
MI-211.0ZI	-345.0	225	25
MI-211.0ZI	-355.0	225	32
MI-211.0ZI	-366.0	225	40

Code No.	Dia. mm	Length mm	Thread mm
MI-211.001a	4.0	125	18
MI-211.002a	4.0	175	25
MI-211.005a	4.5	150	18
MI-211.006a	4.5	150	25
MI-211.007a	4.5	175	18
MI-211.008a	4.5	175	25
MI-211.009a	4.5	175	32
MI-211.010a	4.5	175	40
MI-211.011a	4.5	200	25
MI-211.012a	4.5	200	32
MI-211.013a	4.5	200	40
MI-211.014a	4.5	225	25
MI-211.015a	4.5	225	32
MI-211.016a	4.5	225	40
MI-211.025a	5.0	150	18
MI-211.026a	5.0	150	25
MI-211.027a	5.0	175	18
MI-211.028a	5.0	175	25
MI-211.029a	5.0	175	32
MI-211.030a	5.0	175	40
MI-211.031a	5.0	200	25
MI-211.032a	5.0	200	32
MI-211.033a	5.0	200	40
MI-211.034a	5.0	225	25
MI-211.035a	5.0	225	32
MI-211.036a	5.0	225	40

CANCELLOUS FRONT THREADED PIN
6.5MM DIA.

Code No.	Thread Length in mm	Total Length in mm
MI-212.016	16	225
MI-212.032	32	225
MI-212.050	50	225



EXTERNAL FIXATOR - ILIZAROV - 1/2 RINGS

Code No.	Size mm
MI-230.008	80
MI-230.010	100
MI-230.012	120
MI-230.014	140
MI-230.016	160
MI-230.018	180
MI-230.020	200
MI-230.022	220
MI-230.024	240



EXTERNAL FIXATOR - ILIZAROV - FULL RINGS

Code No.	Size mm
MI-229.008	80
MI-229.010	100
MI-229.012	120
MI-229.014	140
MI-229.016	160
MI-229.018	180
MI-229.020	200
MI-229.022	220
MI-229.024	240



EXTERNAL FIXATOR - ILIZAROV - 5/8TH RINGS

Code No.	Size mm
MI-231.010	100
MI-231.012	120
MI-231.014	140
MI-231.016	160
MI-231.018	180
MI-231.020	200
MI-231.022	220
MI-231.024	240

HALF RINGS - CARBON FIBRE

Code No.	Size mm
MI-230.501	80
MI-230.502	100
MI-230.503	120
MI-230.504	140
MI-230.505	160
MI-230.506	180
MI-230.507	200
MI-230.508	220
MI-230.509	240



ITALIAN FEMORAL ARCHES

OMEGA RING	
Code No.	Size mm
MI-231.212	120
MI-231.214	140
MI-231.216	160
MI-231.218	180
MI-231.220	200

ITALIAN FEMORAL ARCHES 90°	
Code No.	Size mm
MI-232.010	100
MI-232.012	120
MI-232.014	140
MI-232.016	160
MI-232.018	180
MI-232.020	200
MI-232.022	220
MI-232.024	240

ITALIAN FEMORAL ARCHES 120°	
Code No.	Size mm
MI-233.010	100
MI-233.012	120
MI-233.014	140
MI-233.016	160
MI-233.018	180
MI-233.020	200
MI-233.022	220
MI-233.024	240



**ORDINARY
TELESCOPIC RODS**

Code No.	Size mm
MI-239.010	100
MI-239.015	150
MI-239.020	200
MI-239.025	250
MI-239.030	300

**GRADUATED
TELESCOPIC RODS**

Code No.	Size mm
MI-240.310	100
MI-240.320	150



THREADED ROD

Code No.	Size mm
MI 237.002	75
MI 237.004	100
MI 237.006	125
MI 237.008	150
MI 237.010	200
MI 237.012	250
MI 237.014	300
MI 237.016	350
MI 237.018	400
MI 237.020	450



THREADED ROD - SLOTTED

Code No.	Size mm
MI -238.002	75
MI -238.004	100
MI -238.006	125
MI -238.008	150



POST FEMALE

Code No.	No. of Holes
MI 241.002	2
MI 241.003	3
MI 241.004	4



POST MALE

Code No.	No. of Holes
MI -242.002	2
MI -242.003	3
MI -242.004	4



HINGE - FEMALE
Code No.: MI-243.010



HINGE - MALE
Code No.: MI-243.020



HINGE - 90°
Code No.: MI-243.030



SHORT CONNECTION PLATES

Code No.	No. of Holes
MI-244.002	2
MI-244.003	3
MI-244.004	4
MI-244.005	5
MI-244.006	6
MI-244.007	7
MI-244.008	8
MI-244.009	9
MI-244.010	10



TWISTED PLATES

Code No.	No. of Holes
MI-246.002	2
MI-246.003	3
MI-246.004	4



BUSHING
Code No.: RI-246.210



THREADED SOCKETS

Code No.	Size mm
MI-247.002	20
MI-247.003	30
MI-247.004	40
MI-247.006	60



CURVED PLATES
Code No.: RI-246.106

Code No.	No. of Holes
MI-246.103	3
MI-246.104	4
MI-246.105	5
MI-246.106	6

CONNECTION PLATES WITH THREADED ENDS

Code No.	No. of Holes
MI-245.005	5
MI-245.007	7
MI-245.009	9
MI-245.011	11



ILIZAROV WIRE BAYONET POINT - 1.5MM
Code No.: MI-248.010



OLIVE WIRE BAYONET POINT - 1.5MM
Code No.: MI-248.018

Code No.	Description
MI-234.000	Multi-pin Fixation Clamp
MI-235.000	Single Pin Fixation Bolt
MI-236.000	Oblique Support with Thread
MI-236.010	Oblique Support without Thread
MI-248.010	Ilizarov Wire 1.5mm Bayonet Point
MI-248.012	Ilizarov Wire 1.8mm Bayonet Point
MI-248.014	Ilizarov Wire 1.5mm Trocar Point
MI-248.016	Ilizarov Wire 1.8mm Trocar Point
MI-248.018	Olive Wire -1.5mm Bayonet Point
MI-248.020	Olive Wire -1.8mm Bayonet Point
MI-248.018a	Olive Wire - 1.5mm Trocar Point
MI-248.020a	Olive Wire - 1.8mm Trocar Point
MI-249.101	Wire Fixation Bolt - Cannulated
MI-249.102	Wire Fixation Bolt - Slotted
MI-249.103	Cannulated Bolt with Female Thread in Head
MI-249.104	Wire Buckle
MI-249.105	Conical Washer - Couple
MI-249.106	Connection Bolt
MI-249.107	Nut-10mm
MI-249.108	Square Nut

Code No.	Description
MI 249.109	Nylon Insert Nut
MI 249.110	Flat Sided Washer
MI 249.111	Slotted Washer
MI 249.112	Spacing Washer
MI 249.113	Repofix Device
MI 249.114	Wrenchoqube One Hole
MI 249.115	Wrenchoqube Two Hole
MI 249.116	Wrenchoqube Three Hole
MI 249.117	Wrenchoqube Four Hole
MI 249.118	Hinge Joint
MI 250.201	Spanner - 10mm
MI 250.202	Angulated Wrench-10mm-Cannulated
MI 250.202	Angulated Wrench-10mm-Slotted Bolt
MI 250.203	Box Spanner - 10mm
MI 251.305	Corticotome - 5mm
MI 251.307	Corticotome - 7mm
MI 251.310	Corticotome - 10mm
MI 251.315	Corticotome - 15mm
MI 252.401	Wire RI-TENsioner
MI 252.410	Washer Hanger



CORTICOTOME
Code No.: MI-251.305

MASROOR INSTRUMENTS



**WIRE FIXATION BOLT
CANNULATED**
Code No.: MI-249.101



**WIRE FIXATION BOLT
SLOTTED**
Code No.: MI-249.102



CONNECTION BOLT
Code No.: MI-249.106



NUT - 10MM Code
No.: MI-249.107



SQUARE NUT Code
No.: MI-249.108



SLOTTED WASHER
Code No.: MI-249.111



SPACING WASHER
Code No.: MI-249.112



REPOFIX DEVICE
Code No.: MI-249.113



WRENCHOQUBE



WASHER
Code No.: MI-252.410



MULIPLE PIN FIXATION CLAMP
Code No.: 234.000

LENGTHENING DEVICE (Used with Tubular External Fixator Code No.:

Set Consisting of:	Units
8mm Threaded Rod.	
Wheel Bolts.	
Wheel Bolt with Hex Nut.	
Tubular Rod 3"/4".	
Thermy Bar.	
MI-255.002 Sizes : 12" Long with 3" Tubular Rods.	
MI-255.004 Sizes : 14" Long with 3" Tubular Rods.	
MI-255.006 Sizes : 16" Long with 3" Tubular Rods.	

ILIZAROV SET - SMALL Code No.: MI-IS026

Set Consisting of:	Units
Half Rings : 80/100/120mm	
Canulated Bolts	
Connection Bolts	
Telescopic rod : 100mm	
Nuts :	
Threaded Rods : 100, 150, 200mm. (6 each)....	18
Short Connection Plate : 3 Holes, 4 Holes (4each) ..	8
Male	
Female	2
Washers	2
Hinge - Male/Female	
Sockets	
K4Wire 1.5/1.8mm	
Olive Wires 1.5/1.8mm	
S.S.Box 450mm Long with Trays.....	1 set

ILIZAROV SET - MEDIUM Code No.: RI-IS027

Set Consisting of:	Units
Half Rings : 140/160/180mm	
Canulated Bolts	
Connection Bolts	
Telescopic Rods : 100, 150mm (3 each)	6
Threaded Rods : 100, 150, 200mm (6 each)	18
Nuts :	
Short Connection Plates : 3 Holes, 4 Holes (4each)	8
Short Connection Plates : 5, 6, 7 Holes (2 each)	6
Male	
Female	2
Washers	2
Hinge - Male/Female	
Sockets	
K6Wire 1.5/1.8mm	
Olive Wires 1.5/1.8mm	
S.S.Box with Trays.....	1 set
MI	MI
MI	MI
MI	MI
MI	MI
MI	MI
MI	MI

ILIZAROV SET -LARGE Code No.: MI-IS028

Set Consisting of:	Units
Half Ring : 200/220/240mm	
5/8	
Range Arch	2
Canulated Bolts	
Connection Bolts	
Telescopic Rods : 100, 150, 200mm (3 each)	9
Telescopic Rods : Graduated	
Threaded Rods : 150, 200, 250mm (6 each).....	18
Nuts.....	1
Short Connection Plates : 3 Holes, 4 Holes (4each) .	8
Short Connection Plates : 5, 6, 7 Holes (2 each)	6
Male	
Female	2
Hinge - Male/Female	2
Washers	
Sockets	
Shanz	
Shanz Pins.Fixation bolts.....	4
Oblique Support	
K.Wire 1.8mm	
Olive Wires 1.8mm	
S.S.Box with Trays.....	1 set



DRILL BIT - S.S. - QUICK COUPLING END

Code No.	Dia. mm	Length mm
MI-260.200	2	100
MI-260.250	2.5	115
MI-260.270	-702.7	125
MI-260.320	-203.2	130
MI-260.325	3.2	200
MI-260.350	3.5	130
MI-260.375	3.5	200
MI-260.450	4.5	130
MI-260.475	4.5	200
MI-260.500	Dia. 4.5 x 4 x 250	
MI-260.510	Dia. 4.5 x 3 x 250	
MI-260.520	Dia. 4.5 x 2 x 250	



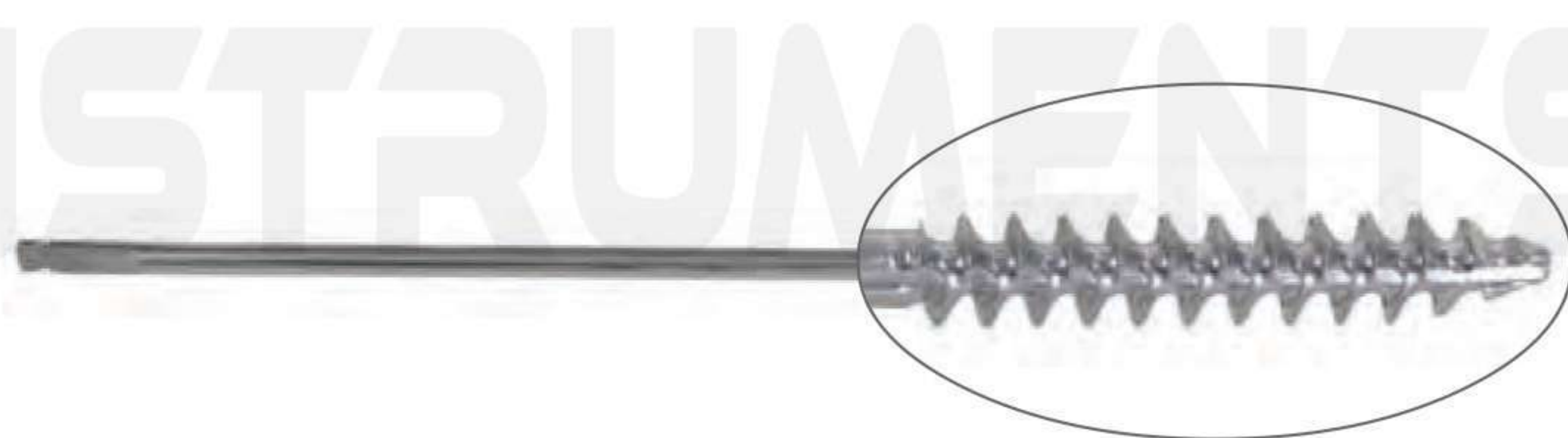
DRILL BIT - PLAIN SHANK / JACOB CHUCK END

MI		
Code No.	Dia. mm	Length mm
MI-261.611	-111.1	60
MI-261.615	-151.5	60
MI-261.620	-202.0	100
MI-261.6ZI	-252.5	115
MI-261.627	2.7	130
MI-261.632	3.2	130
MI-261.633	3.2	200
MI-261.6ZI	-353.5	130
MI-261.6ZI	-363.5	200
MI-261.645	4.5	130
MI-261.646	4.5	200



BONE TAP WITH T-HANDLE

Code No.	Dia. mm	
MI-263.010	-101.5	
MI-263.015	-152.0	
MI-263.020	-202.7	
MI-263.025	3.5	
MI-263.030	-303.5	Cancellous
MI-263.0ZI	-353.5	Extra Long
MI-263.0ZI	-384.0	
MI-263.040	4.5	
MI-263.045	4.5	Extra Long
MI-263.0ZI	-506.5	Cancellous



BONE TAP - QUICK COUPLING END

Code No.	Dia. mm	
MI-264.010	-101.5	
MI-264.015	-152.0	
MI-264.020	-202.7	
MI-264.025	3.5	
MI-264.030	-303.5	Cancellous
MI-264.0ZI	-353.5	Extra Long
MI-264.0ZI	-384.0	
MI-264.040	4.5	
MI-264.045	4.5	Extra Long
MI-264.0ZI	-506.5	Cancellous

SELF CENTERING BONE HOLDING FORCEPS

Code No.	Length mm
MI-340.010	150
MI-340.020	190
MI-340.030	240
MI-340.040	260
MI-340.050	280



**REDUCTION FORCEPS
SERRATED, SPEED LOCK**



**REDUCTION FORCEPS
SERRATED, RATCHET LOCK**

Code No.	Length mm
MI-341.025	140
MI-341.030	170
MI-341.040	200
MI-341.050	240
MI-341.055	280

Code No.	Length mm
MI-341.010	140
MI-341.020	170
MI-341.022	200



**REDUCTION FORCEPS
POINTED, SPEED LOCK**



**REDUCTION FORCEPS
POINTED, RATCHET LOCK**

Code No.	Length mm
MI-342.035	140
MI-342.040	170
MI-342.050	200
MI-342.060	240
MI-342.065	280

Code No.	Length mm
RI-342.010	140
RI-342.020	170
RI-342.030	200



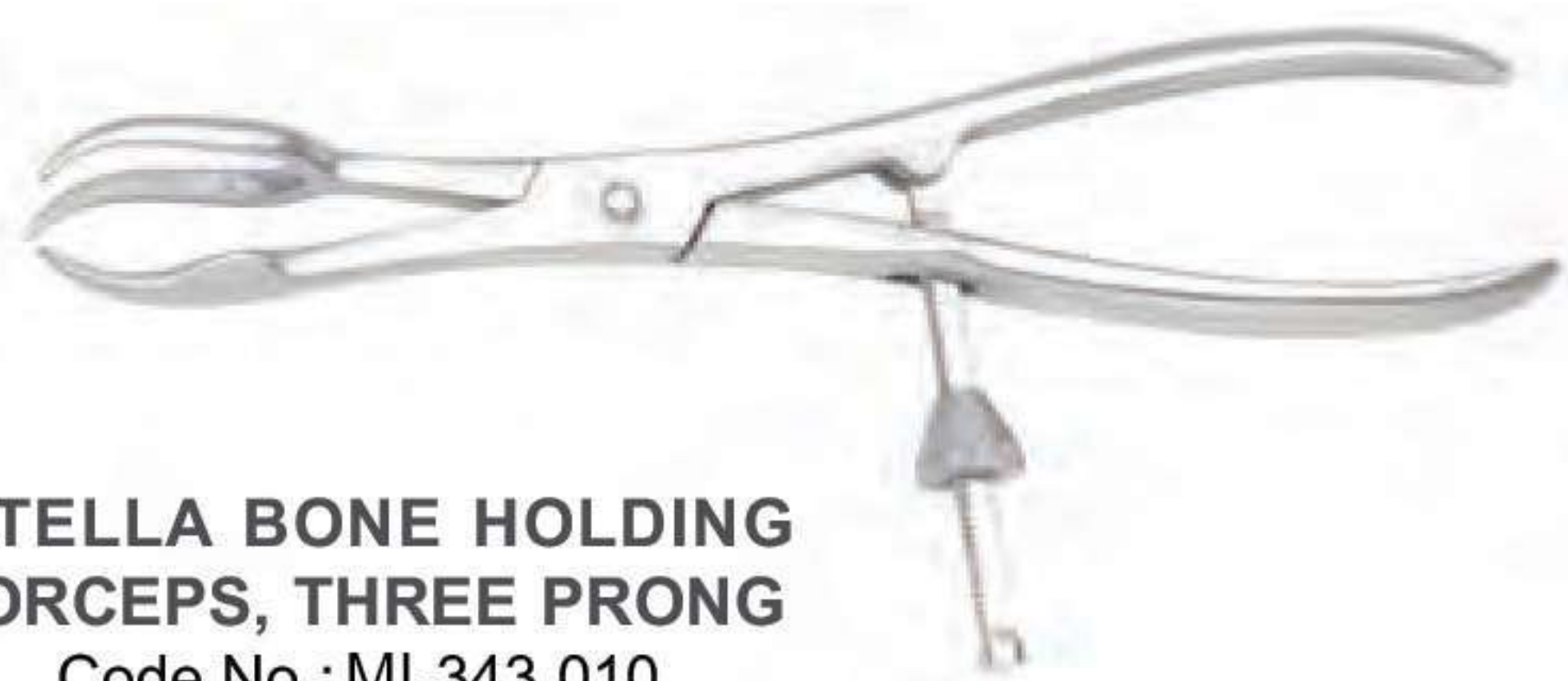
**LANE BONE HOLDING
FORCEPS WITH RATCHET**



**LANE BONE HOLDING FORCEPS
WITHOUT RATCHET LOCK**

Code No.	Length mm
MI-349.010	200
MI-349.020	250
MI-349.030	300

Code No.	Length mm
MI-349.050	200
MI-349.060	250
MI-349.070	300



PATELLA BONE HOLDING FORCEPS, THREE PRONG
Code No.: MI-343.010



PATELLA BONE HOLDING FORCEPS, FOUR PRONG
Code No.: MI-343.020



MODIFIED PATELLA BONE HOLDING FORCEPS THREE PRONG
Code No.: MI-343.022



MODIFIED PATELLA BONE HOLDING FORCEPS FOUR PRONG
Code No.: MI-343.024



BURN'S BONE HOLDING FORCEPS - HEAVY DUTY
Code No.: MI-350.000



BONE AND PLATE HOLDING FORCEPS
Code No.: MI-348.010

PELVIC REDUCTION FORCEPS

- MI-344.010 Pelvic Reduction Forceps, Oblique, Small, Length-190mm, with Pointed Ball Tips, Speed Lock
- MI-344.020 Pelvic Reduction Forceps, Oblique, Small, Length-240mm, with Pointed Ball Tips, Speed Lock
- MI-344.030 Pelvic Reduction Forceps, Length-400mm, with Pointed ball Tips, Speed Lock
- MI-344.040 Pelvic Reduction Forceps, Small, for Screws Length-200mm, use with 3.5 and 4.5mm Cortical Screws
- MI-344.050 Pelvic Reduction Forceps, Medium, for Screws Length-250mm, use with 3.5 and 4.5mm Cortical Screws
- MI-344.060 Pelvic Reduction Forceps, Large, for Screws Length-330mm, Speed Lock, Fixation with Two 4.5mm Cortical Screws
- MI-344.070 Pelvic Reduction Forceps, with Angled Pointed Ball Tips Length-250mm, Speed Lock
- MI-344.080 Pelvic Reduction Forceps, Long, with Pointed Ball Tips Length-400mm, Speed Lock
- MI-344.090 Pelvic Reduction Forceps, Long, with Three Pointed Ball Tips Length-400mm, Speed Lock

FIBULAR FORCEPS

- MI-345.010 210mm- Straight
- MI-345.020 210mm- Curved

HOLDING FORCEPS FOR TIBIAL EDGE FRAGMENT

- MI-346.000 210mm

- MI-351.000 DOYEN'S RIB SHEARER



LOWMAN BONE CLAMP

Code No.	Description
MI-352.010	For Fingers (Mini)
MI-352.020	For Forearms (Extra Small)
MI-352.030	For Humurus (Small)
MI-352.040	For Tibia (Medium)
MI-352.050	For Femur (Large)



MALLEOLAR FORCEPS WITH 2 POINTS WHICH MEET AT 15° ANGLE 210MM
Code No.: MI-347.000



**BONE CUTTING FORCEPS (DOUBLE ACTION)
STRAIGHT**

Code No.	Length mm
MI-353.010	190
MI-353.020	225
MI-353.030	270



**BONE CUTTING FORCEPS (DOUBLE ACTION)
CURVED**

Code No.	Length mm
MI-354.010	190
MI-354.020	225
MI-354.030	270



**TUDER EDWARD
BONE CUTTING FORCEPS**
Code No.: 358.000



**BONE NIBBLER (DOUBLE ACTION)
STRAIGHT**

Code No.	Length mm
MI-355.010	190
MI-355.020	225
MI-355.030	270



**BONE NIBBLER (DOUBLE ACTION)
CURVED**

Code No.	Length mm
MI-356.010	190
MI-356.020	225
MI-356.030	270



**BONE NIBBLER (DOUBLE ACTION)
ANGULAR**

Code No.	Length mm
MI-357.010	190
MI-357.020	225
MI-357.030	270



FINGER SAW Code
No.: MI-360.000



BONE FILE, FLAT

Code No.	Length mm
MI-361.020	100
MI-361.030	150



AMPUTATION SAW
Code No.: MI-359.000

BONE FILE, HALF ROUND, POINTED
Code No.: MI-361.010



BONE CURETTE, DOUBLE ENDED
Code No.: MI-367.010



**BONE CURETTE
WITH FIBRE HANDLE**
Code No.: MI-367.020



BONE HAMMER - NYLON FACED
Code No.: MI-368.050



BONE HAMMER - S.S.

Code No.	Weight gms
MI-368.010	200
MI-368.020	350
MI-368.030	500
MI-368.040	700



BONE HOOK

Code No.	Length
MI-369.010	Small
MI-369.020	Medium
MI-369.030	Large



SHARP HOOK Code
No.: RI-371.000



SKIN HOOK - 1 PRONG
Code No.: MI-370.010



SKIN HOOK - 2 PRONG
Code No.: MI-370.020



SKIN HOOK - 3 PRONG
Code No.: MI-370.030



LANE'S BONE LEVER SERRATED
Code No.: MI-372.010



LANE'S BONE LEVER, PLAIN, SMALL
Code No.: MI-372.020



LANE'S BONE LEVER, PLAIN, LARGE
Code No.: MI-372.030



BRISTOW'S RETRACTOR
Code No.: MI-373.000



LAGENBACK RETRACTOR

Code No.	Length
MI-374.010	Small
MI-374.015	Medium
MI-374.020	Large



VOLKMAN'S RETRACTOR

Code No.	No. of Prong
MI-375.010	2
MI-375.020	3
MI-375.030	4
MI-375.040	5

Code No.	Description
MI-376.000	Right Angle Retractor



DOUBLE HOOK RETRACTOR

Code No.: RI-377.000
MI

BONE SPREADER

Code No.	Length mm
RI-383.014	140
RI-383.021	210
RI-383.027	270



HOHMANN RETRACTOR - LARGE (240MM)



HOHMANN RETRACTOR - SMALL (160MM)

Code No.	Size mm (Wide Tip)	Code No.	Size mm (Narrow Tip)
MI-379.025	8.0	MI-379.025a	8.0
MI-379.026	12.0	MI-379.026a	12.0
MI-379.027	15.0	MI-379.027a	15.0
MI-379.030	18.0	MI-379.030a	18.0
MI-379.035	18.0	MI-379.035a	18.0
MI-379.040	22.0	MI-379.040a	22.0
MI-379.045	24.0	MI-379.045a	24.0
MI-379.04Z	1-630.0	MI-379.046a	30.0
MI-379.047	35.0	MI-379.047a	35.0
MI-379.050	43.0	MI-379.050a	43.0
MI-379.055	70.0	MI-379.055a	70.0

Code No.	Size mm
MI-379.010	6
MI-379.015	8
MI-379.016	10
MI-379.017	12
MI-379.020	15



**PERIOSTEAL ELEVATORS
CURVED**

Code No.	Length mm
MI-382.006	6
MI-382.008	8
MI-382.010	10
MI-382.012	12
MI-382.014	14
MI-382.016	16



**PERIOSTEAL ELEVATORS
STRAIGHT**

Code No.	Length mm
MI-381.006	6
MI-381.008	8
MI-381.010	10
MI-381.012	12
MI-381.014	14
MI-381.016	16



SELF RETAINING RETRACTOR

Code No.	Length
MI-380.010	Small
MI-380.020	Medium
MI-380.030	Large
MI-380.040	Extra Large

Code No.	Description
MI-378.000	Initial Incision Retractor with Weight & Chain



SKIN RETRACTOR
Code No.: MI-377.050



PLASTER SAW - HEAVY HANDLE
Code No.: MI-388.005



PLASTER SAW - ENGEL
Code No.: MI-388.010



PLASTER SAW - BERGMAN
Code No.: MI-388.015



PLASTER SPREADER
Code No.: MI-388.020



PLASTER SHEAR - BOHLER'S
Code No.: MI-388.025



PLASTER SHEAR - STILLE'S
Code No.: MI-388.030



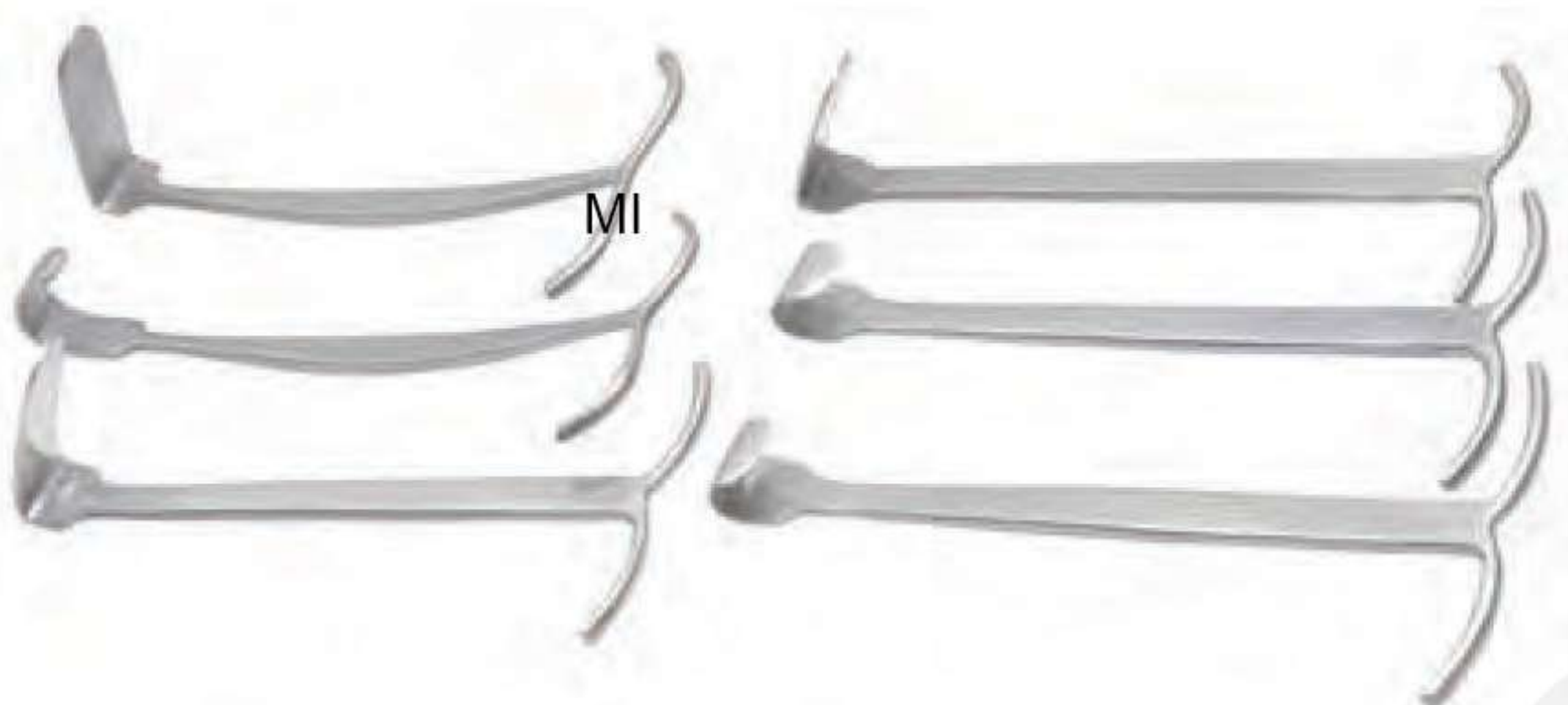
PLASTER BENDER
Code No.: MI-388.045



BANDAGE CUTTING SCISSOR
Code No.: MI-388.040

INSTRUMENTS FOR KNEE SURGERY

Code No.	Description
MI-393.005	Blount Knee Retractor
MI-393.010	Martin's Cartilage Clamp
MI-393.015	Maniscus Forceps
MI-393.020	Smilie's Knee Joint Retractor (Set of Six)
MI-393.025	Smillie's Maniscus Knives (Set of Three)
MI-393.030	Charnley's Compression Clamp
MI-393.040	Mullar Compression Clamp



SMILIE'S KNEE JOINT RETRACTOR (SET OF SIX)
Code No.: MI-393.020



MULLAR COMPRESSION CLAMP
Code No.:



CHARNLEY'S COMPRESSION CLAMP
Code No.: MI-393.030



SMILIE'S MANISCUS KNIVES (SET OF THREE)
Code No.: MI-393.025

INSTRUMENTS FOR SKULL SURGERY

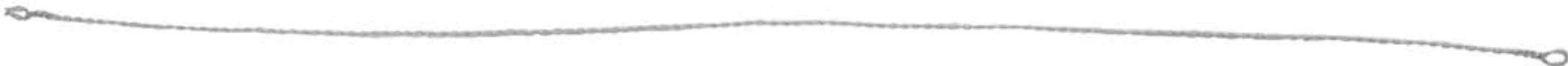
Code No.	Description
MI-394.005	Gigli Saw Wire - Ordinary
MI-394.010	Gigli Saw Wire - Fine (Imported)
MI-394.015	Gigli Saw Handle (In Pair)
MI-394.020	Gigli Saw Introducer
MI-394.025	Crutch Field Tong with 2 Burrs-Small
MI-394.030	Crutch Field Tong with Two Burrs - Medium
MI-394.035	Crutch Field Tong with Two Burrs-Large
MI-394.040	Spare Burrs for Crutch Field Tong
MI-394.045	Gardener - Wells Traction Tongs



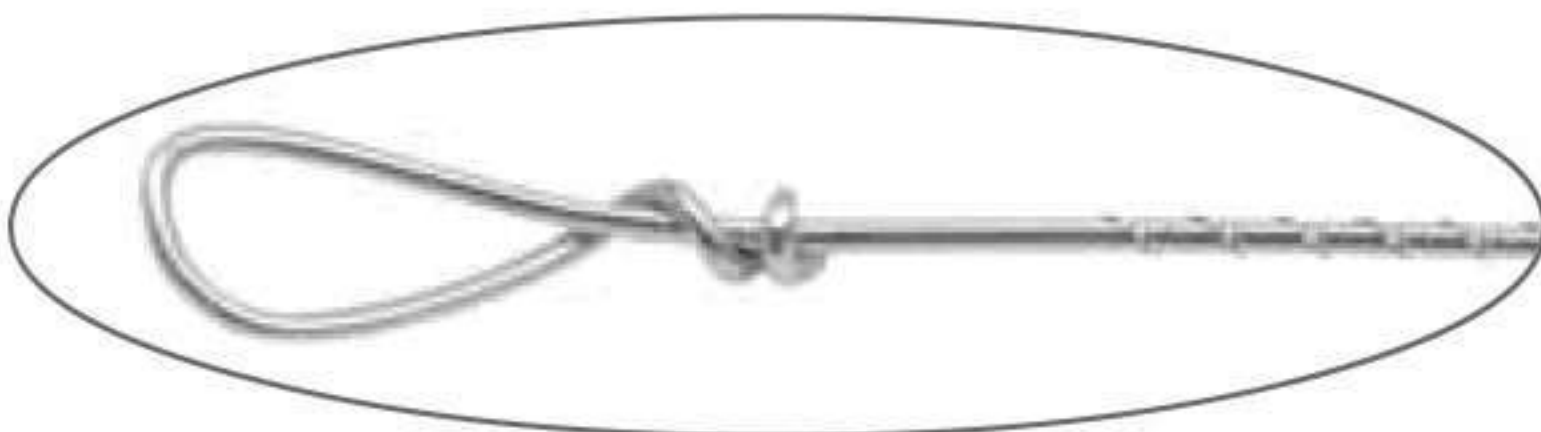
GIGLI SAW HANDLE (IN PAIR)
Code No.: MI-393.015



CRUTCH FIELD TONG WITH TWO BURRS - MEDIUM
Code No.: MI-393.015



GIGLI SAW WIRE - ORDINARY
Code No.: MI-394.005



GIGLI SAW WIRE - FINE
Code No.: MI-394.010

SKIN GRAFTING KNIFE

Code No.	Description
MI-395.005	Skin Grafting Knife, Small
MI-395.010	Skin Grafting Knife, Large
MI-395.015	Skin Grafting Knife, Large - Left Handed
MI-395.020	Skin Grafting Knife, Excel
MI-395.022	Skin Grafting Blade (Suitable for RI-395.010, RI-395.015 & RI-395.020)



SKIN GRAFTING KNIFE, SMALL

(To be used with Ordinary Saving Blade)

Code No.: MI-395.005



SKIN GRAFTING KNIFE, LARGE

Code No.: RI-395.010



SKIN GRAFTING KNIFE, EXCEL

Code No.: MI-395.020

DISTRACTOR

Code No.	Description
MI-396.015	Distractor for Femur - Large
MI-396.016	Distractor for Tibia & Femur - Extra Large
MI-396.020	Spinal Distractor



DISTRACTOR FOR FEMUR - LARGE

Code No.: MI-396.015



DISTRACTOR FOR TIBIA & FEMUR - EXTRA LARGE

Code No.: MI-396.016



F-TOOLS - SMALL
Code No.: MI-398.010



F-TOOLS - LARGE
Code No.: MI-398.020



STERILIZATION TUBES

Code No.	Size mm
MI-401.002	150
MI-401.004	225
MI-401.006	300
MI-401.008	400
MI-401.010	500

Profile:
Stainless Steel Tubes for
Sterilization of Wires, Nails,
Pins & Drill Bits



STERILIZATION TUBES
(SUITABLE FOR PINS, WIRES & DRILL BITS)
Code No.: MI-401.004



STERILIZATION TUBES
(SUITABLE FOR ILIZAROV WIRES)
Code No.: MI-401.008

Code No.	Description
MI-320.010	Universal Bone Drill with S.S.Gears
MI-320.020	Micro Hand Drill with S.S. Gears Universal
MI-320.030	Open Hand Drill with S.S. Gears Micro
MI-320.040	Open Hand Drill- with S.S. Gears Electric
MI-399.010	Bone Drill with Foot Control
MI-311.033	Mini Hand Drill



S.S.CONTAINERS

Code No.	Description
MI-400.005	S.S. Container with Two Trays for Instruments, 300mm long
MI-400.010	S.S. Container for 3.5 & 4mm Screws with Two Instruments Trays
MI-400.015	S.S. Container with Two Instruments Trays for K. Nail Instruments & Tubular Fixator - 450mm Long.
MI-400.020	Screws Container for 4.5 & 6.5mm Screws
MI-400.025	Screw Container for 3.5 & 4.0mm Screws
MI-400.026	S.S. Container for 3.5 & 4.0mm Screws, Large with One Instrument Tray
MI-400.030	Screws Container for 4.9mm Interlocking Bolts
MI-400.035	Screws Container - Combined for 3.5mm , 4.0mm, 4.5mm & 6.5mm Screws
MI-400.036	S.S. Container for One 3.5 & 4mm Screw Tray with Four Instrument Trays
MI-400.040	S.S. Container for Modified Interlocking Instrument Sets



**S.S. Container for 3.5 & 4mm Screws
with Two Instruments Trays**
Code No.:MI-400.010



Screw Container for 3.5 & 4.0mm Screws
Code No.: MI-400.025



**S.S. Container for One 3.5 & 4mm Screw Tray
with Four Instrument Trays**
Code No.: MI-400.036



**S.S. Container for 3.5 & 4.0mm Screws, Large
with One Instrument Tray**
Code No.: MI-400.026



Screws Container for 4.5 & 6.5mm Screws
Code No.: MI-400.020



S.S. Container with Two Trays for Instruments, 300mm long
Code No.: MI-400.005



S.S. Container for Modified Interlocking Instrument Sets
Code No.: MI-400.040

BONE HOLDING FORCEPS SET
Code No.: MI-IS023

Set Consisting of:	Units
Self Centering Bone Holding Forceps - 240mm	1
Self Centering Bone Holding Forceps - 260mm	2
Self Centering Bone Holding Forceps - 280mm	2
Reduction Forceps, Serrated Jaw - 240mm	1
Reduction Forceps, Serrated Jaw - 170mm	1
Reduction Forceps with Points - 170mm	1
Reduction Forceps with Points - 200mm	2
S.S.Box with Trays.....	1 set

GENERAL INSTRUMENTS SET
Code No.: MI-IS024

Set Consisting of:	Units
Bone Hook - Small.....	1
Bone Hook - Medium	1
Retractor 8mm Short Narrow Tip.....	2
Retractor 18mm Short Narrow Tip.....	2
Retractor 24mm Long and Wide Tip	1
Periosteal Elevator.....	2
Hammer 500gm	1
Hammer Nylon Faced	1
Bone Gouge Curved	1
S.S.Box with Trays.....	1 set

CONTACT US

ADDRESS: Rehmat Ali Road Small Industrial
Estate Sialkot Pakistan

PHONE: +92-3414041854

E-MAIL: info@masroorinst.com
masroorinstruments@gmail.com

WEB: www.masroorinst.com