





Orthopedics/Spine

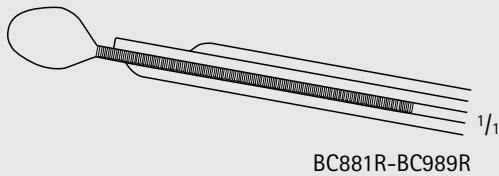
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Orthopedics/Spine

Scissors



BC881R-BC989R



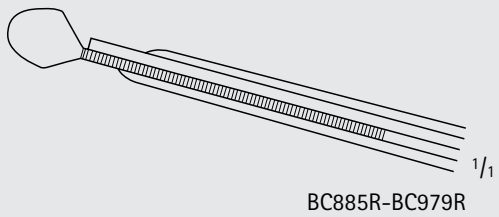
BC881R-BC989R

Universal Bandage Scissors

Catalog Number	Handle Color	Length (in.)
BC881R	BLACK	7
BC980R	RED	7
BC981R	BLUE	7
BC983R	YELLOW	7
BC985R	ORANGE	7
BC987R	PINK	7
BC988R	LIGHT GREEN	7
BC989R	VIOLET	7



BC885R-BC979R



BC885R-BC979R

LISTER Universal Bandage Scissors

Catalog Number	Handle Color	Length (in.)
BC885R	BLACK	5 3/4
BC970R	RED	5 3/4
BC971R	BLUE	5 3/4
BC973R	YELLOW	5 3/4
BC975R	ORANGE	5 3/4
BC977R	PINK	5 3/4
BC978R	LIGHT GREEN	5 3/4
BC979R	VIOLET	5 3/4



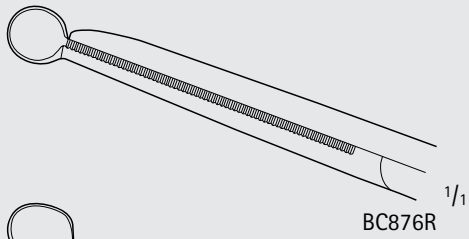


BC876R, MB146R

1/2

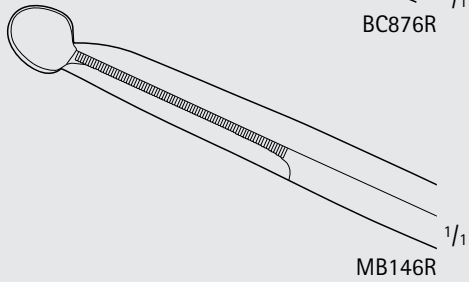
LISTER Bandage Scissors, Serrated

Catalog Number	Length (in.)
MB146R	3 1/2
BC876R	6 1/4



BC876R

1/1



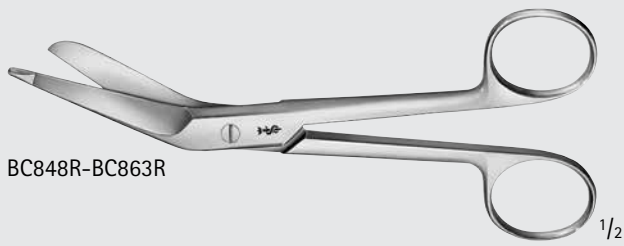
MB146R

1/1



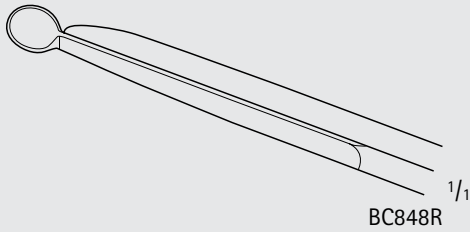
Orthopedics/Spine

Scissors



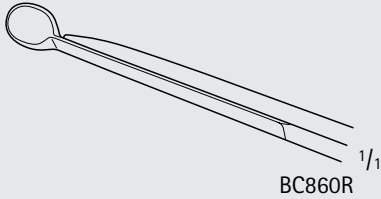
BC848R-BC863R

1/2



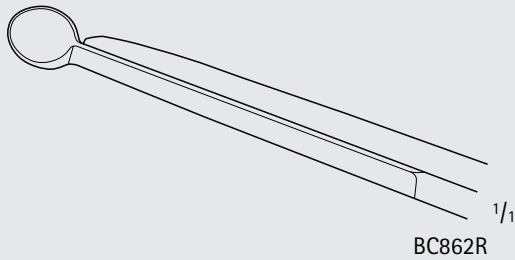
BC848R

1/1



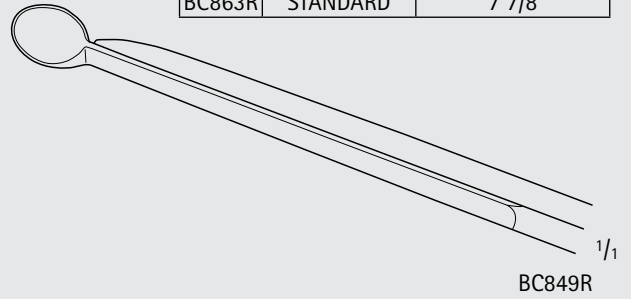
BC860R

1/1



BC862R

1/1



BC849R

1/1

LISTER Bandage Scissors

Catalog Number	Blade	Length (in.)
BC848R	LONG	6 1/8
BC849R	LONG	7
BC860R	STANDARD	4 1/2
BC861R	STANDARD	5 1/2
BC862R	STANDARD	7
BC863R	STANDARD	7 7/8

LISTER Bandage Scissors W/ One Large Ring

Catalog Number	Length (in.)
MB223	8



MB223

1/2

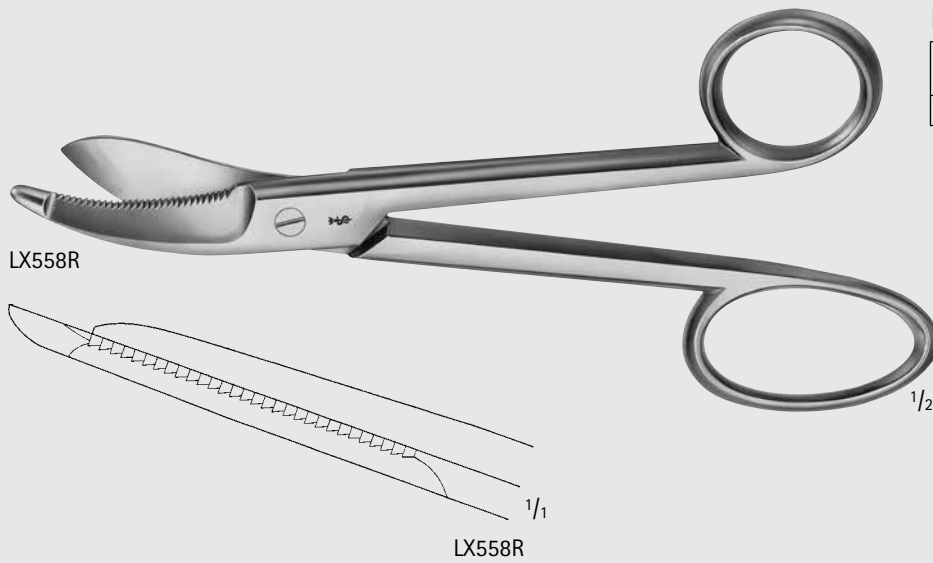


MB223

1/1

Plaster and Bandage Scissors

Catalog Number	Length (in.)
LX558R	9 1/4



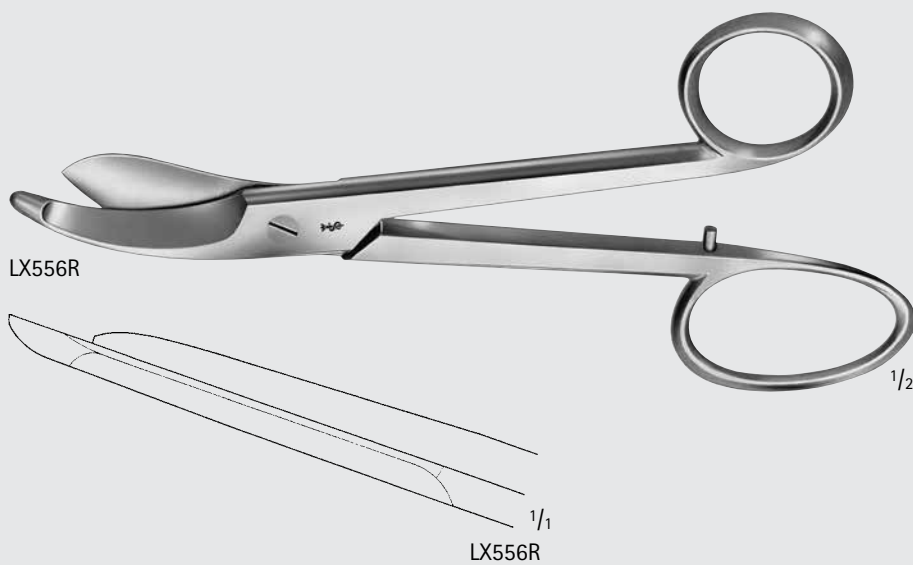
Plaster Scissors

Catalog Number	Length (in.)
LX548R	6 1/4



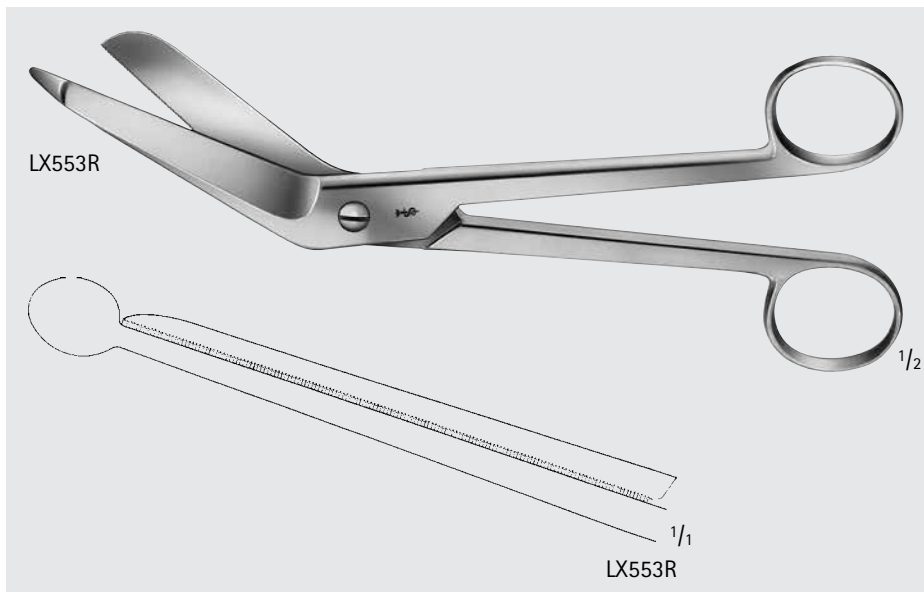
BRUNS Plaster Scissors

Catalog Number	Length (in.)
LX556R	9 1/4



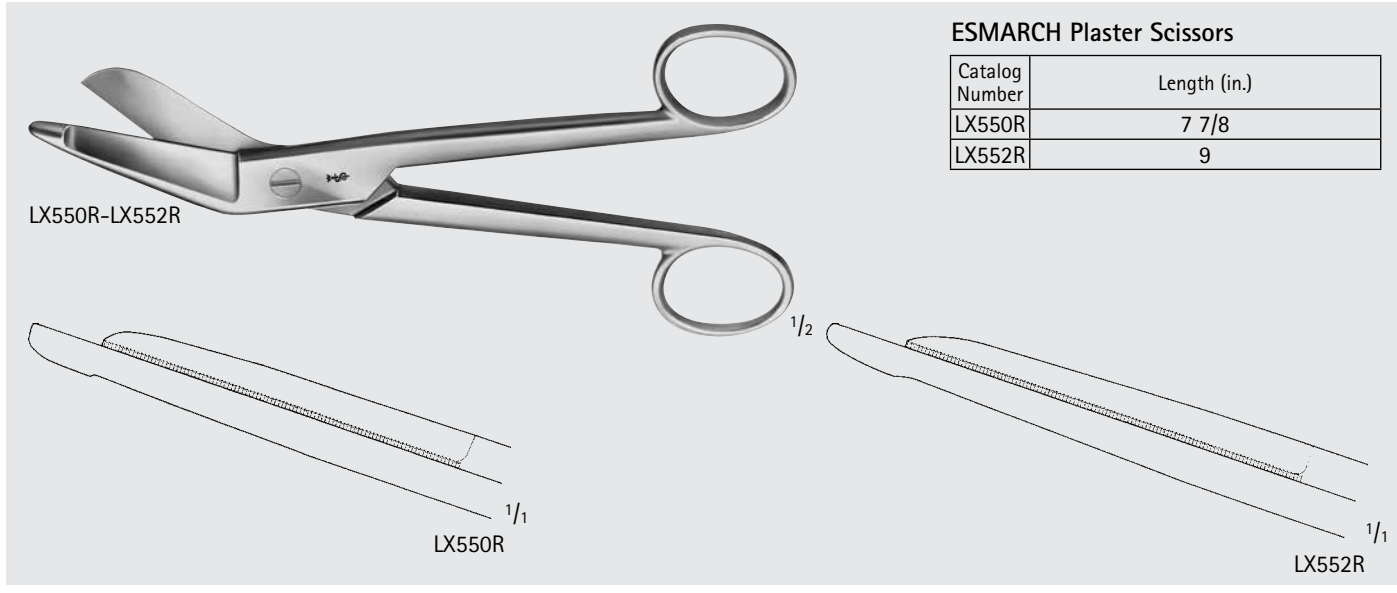
Orthopedics/Spine

Scissors



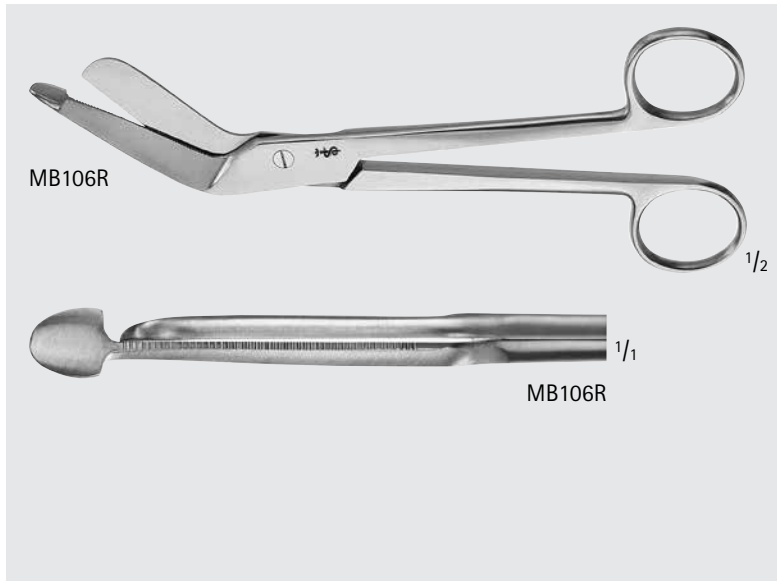
BERGMANN Plaster Scissors

Catalog Number	Length (in.)
LX553R	9



ESMARCH Plaster Scissors

Catalog Number	Length (in.)
LX550R	7 7/8
LX552R	9

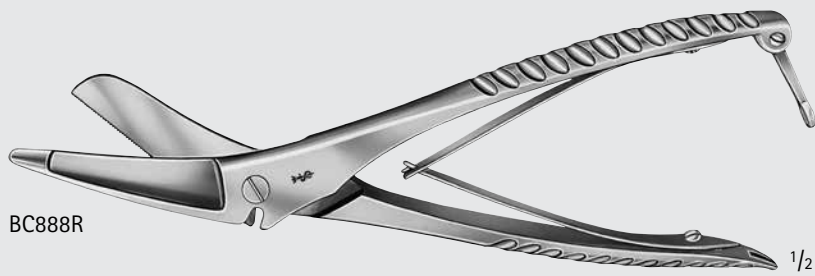


HERCULES Plaster Shears

Catalog Number	Length (in.)
MB106R	7 1/2

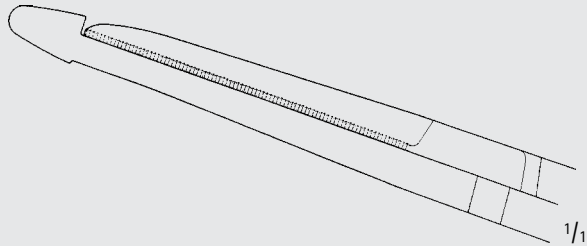
Plaster Scissors

Catalog Number	Length (in.)
BC888R	8



BC888R

1/2



1/1

BC888R

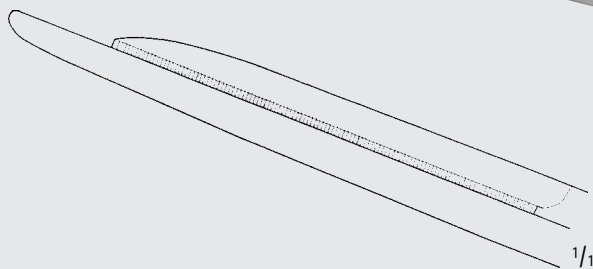
SEUTIN Plaster and Bandage Scissors

Catalog Number	Length (in.)
LX565R	9



LX565R

1/2

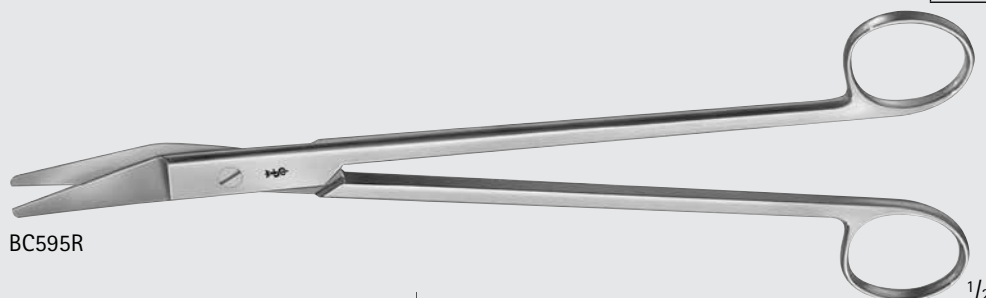


1/1

LX565R

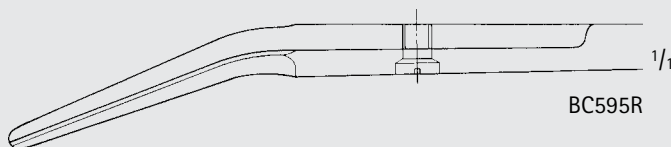
RESANO Cartilage Scissors

Catalog Number	Tip	Blade	Length (in.)
BC595R	B/B	ANG	9 3/4



BC595R

1/2



1/1

BC595R



ORTHO
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Orthopedics/Spine

Plaster and Nail Instruments



LX600R

1/3

HENNIG Plaster Spreader

Catalog Number	Length (in.)
LX600R	10 5/8



LX605R

1/3

Plaster Spreader

Catalog Number	Length (in.)
LX605R	9



LX618R-LX624R

1/2

WOLFF Plaster Breaker

Catalog Number	Length (in.)
LX618R	7
LX624R	9 1/2



HF213R

1/2



HF213R

1/1

Nail Cutter

Catalog Number	Length (in.)
HF213R	5 1/4





BC521R

1/2



BC521R

1/1

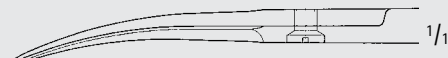
SYSTRUNK Nail Splitting Scissors

Catalog Number	Tip	Blade	Length (in.)
BC521R	S/S	STR	5 1/8



HF021R

1/2



HF021R

1/1

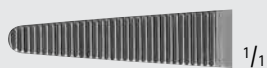
Nail Scissors

Catalog Number	Tip	Blade	Length (in.)
HF021R	S/S	CVD	4 1/4



MB370R

1/2



MB370R

1/1

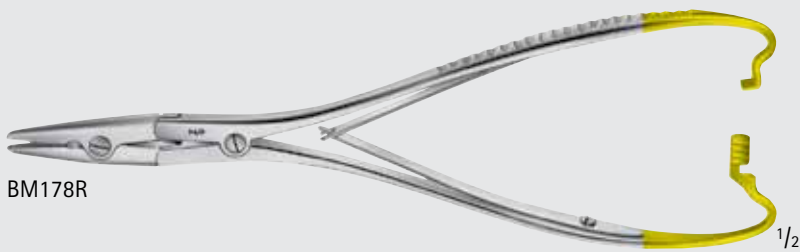
Needle Nose Pliers/Wire Cutters

Catalog Number	Length (in.)
MB370R	7 1/4

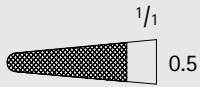


Orthopedics/Spine

Wire Instruments



BM178R



BM178R

DUROGRIP™ TC AESCULAP Needle Holder, Double Action

Catalog Number	Handle	Jaw	Length (in.)
BM178R	RATCHET	SERR	7 7/8



LX150R



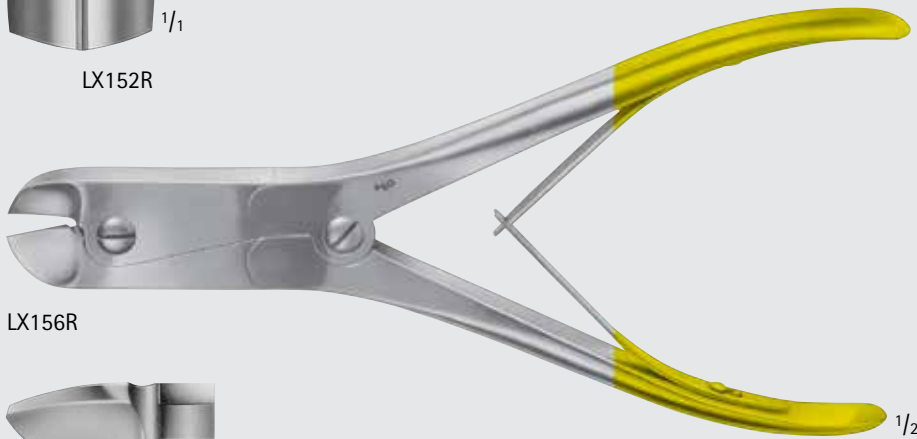
LX150R



LX152R



LX152R



LX156R



LX156R

Wire Cutter, W/ Specially Hardened Cutting Edges

Catalog Number	For Wire Size	Length (in.)
LX150R	SOFT, UP TO 2MM AND HARD, UP TO 1.5MM	5 3/4
LX152R	SOFT, UP TO 3.5MM AND HARD, UP TO 2.0MM	8 3/4
LX156R	SOFT, UP TO 3MM AND HARD, UP TO 2.2MM	9 1/4



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MILLIMETERS

HARVEY Wire Cutter, W/ Specially Hardened Cutting Edges

Catalog Number	For Wire Size	Tip	Length (in.)
LX157R	SOFT, UP TO 3MM AND HARD, UP TO 2.2MM	ANG	9 1/4



LX157R

1/2

Wire Cutter, Front and Lateral, W/ Specially Hardened Cutting Edges

Catalog Number	Wire Size	Length (in.)
LX158R	SOFT, UP TO 2MM AND HARD, UP TO 1.5MM	7



LX158R

1/2



LX158R

1/1



Orthopedics/Spine

Wire Instruments



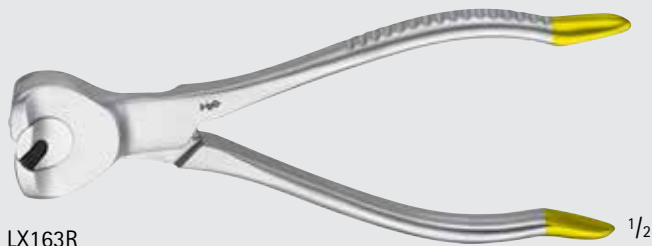
LX159R



LX159R

REILL Cutter, F/ Wire Close To Bone, W/ Specially Hardened Cutting Edges

Catalog Number	For Wire Size	Length (in.)
LX159R	SOFT, UP TO 2MM AND HARD, UP TO 1.5MM	6 7/8



LX163R



LX163R

Front Cutter, W/ Specially Hardened Cutting Edges

Catalog Number	For Wire Size	Length (in.)
LX163R	SOFT, UP TO 3.5MM AND HARD, UP TO 2.5MM	6 1/2



LX162R

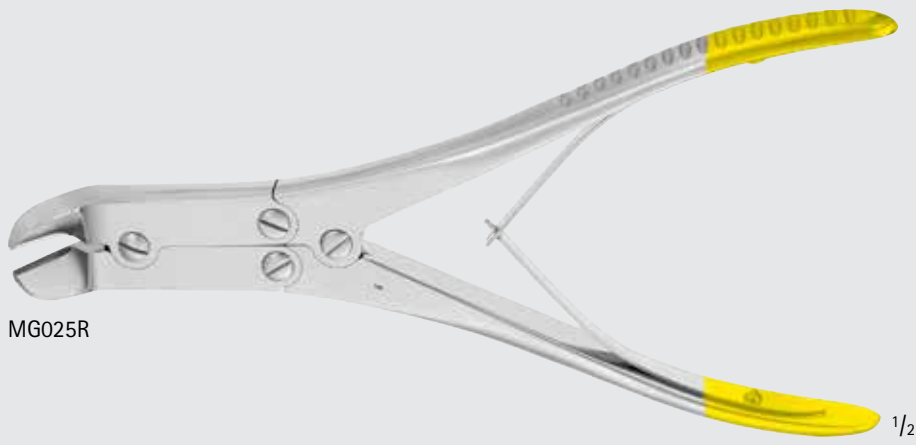
TC Wire Cutter W/ Carbide Cutting Edges

Catalog Number	Length (in.)
LX162R	9 1/2

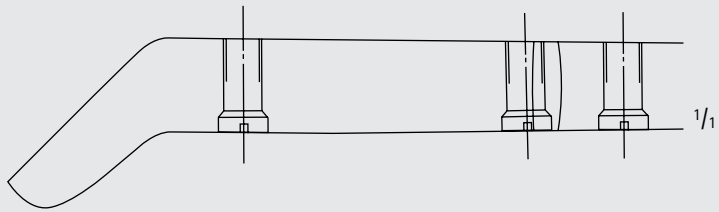


TC Wire Cutter Double Action

Catalog Number	Packaging	Tip	Length (in.)
MG025R	2.5	ANG	8 3/4

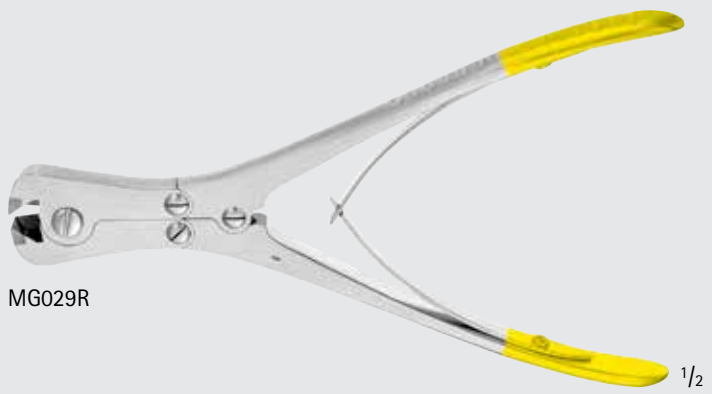


MG025R



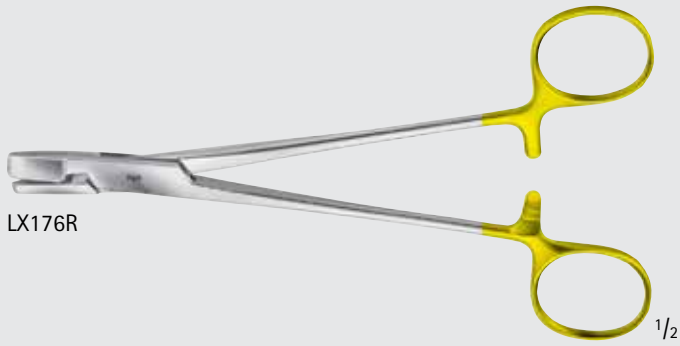
TC Flush Wire Cutter

Catalog Number	Packaging	Tip	Length (in.)
MG029R	1.6	FRONT AND LATERAL	6 3/4



Orthopedics/Spine

Wire Instruments



LX176R

1/2



LX176R

1/1

Wire Holding Forceps W/Hard Metal Inserts

Catalog Number	Length (in.)
LX176R	6 3/4



LX179R

1/2

Wire Grasping Forceps W/Hard Metal Inserts

Catalog Number	Tip	Length (in.)
LX179R	FLAT	7 1/2



HERCULES Pin Cutter

Catalog Number	Packaging	Description	Length (in.)
MG088R	3	TUNGSTEN CARBIDE	8 3/4

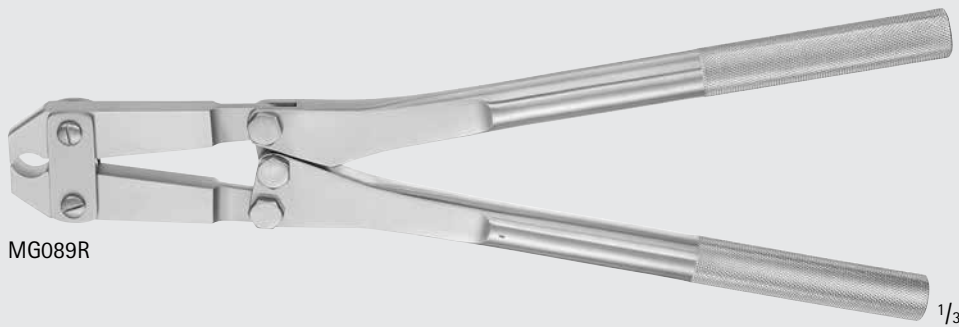
MG088R



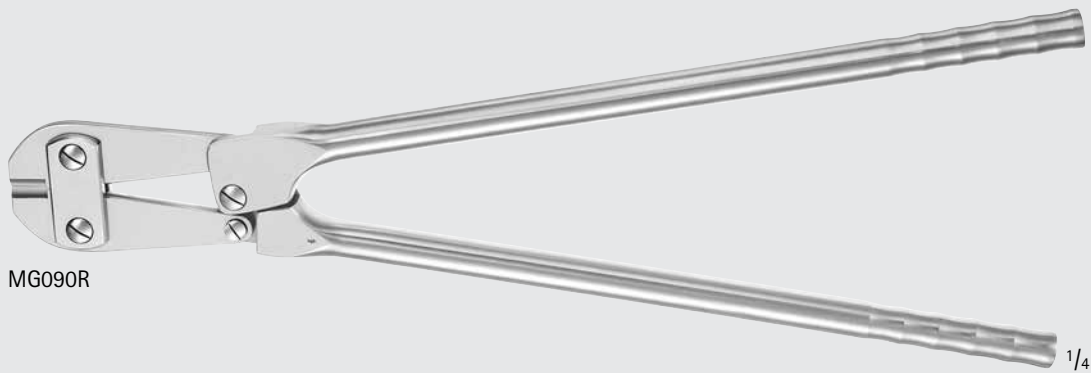
Pin Cutter, End-Cutting

Catalog Number	Packaging	Length (in.)
MG089R	4.7	14 3/4
MG090R	6.3	22 1/2

MG089R



MG090R



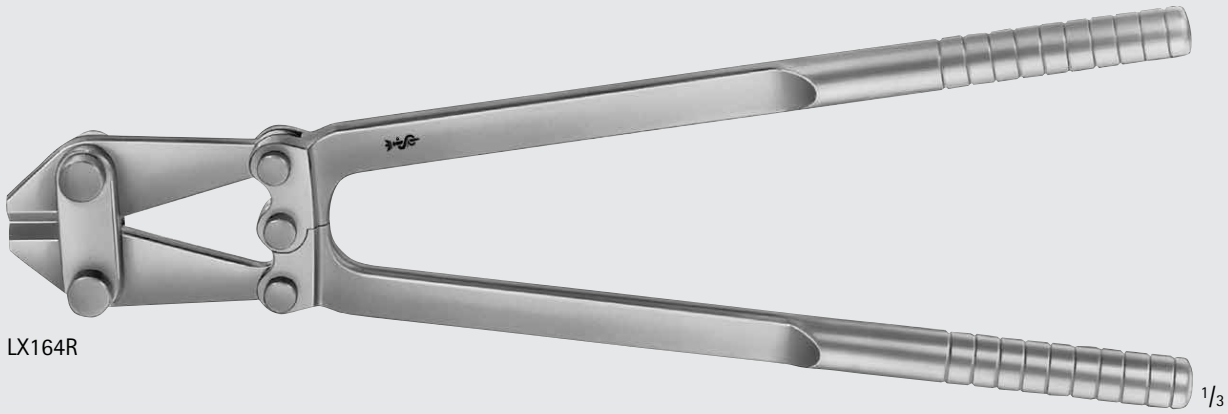
Orthopedics/Spine

Wire Instruments



Bolt Cutter

Catalog Number	Item	Length (in.)
LX164R	F/KIRSCHNER WIRES, TIBIA HEAD SCREWS, BOLTS, PINS, UP TO 6MM	18 1/2



LX164R

Bolt Cutter

Catalog Number	Item	Length (in.)
LX165R	F/KIRSCHNER WIRES, TIBIA HEAD SCREWS, BOLTS, PINS, UP TO 6MM	12 1/2



LX165R

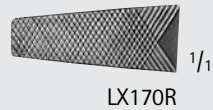


LX165R



LX170R-LX171R

1/2



1/1

LX170R

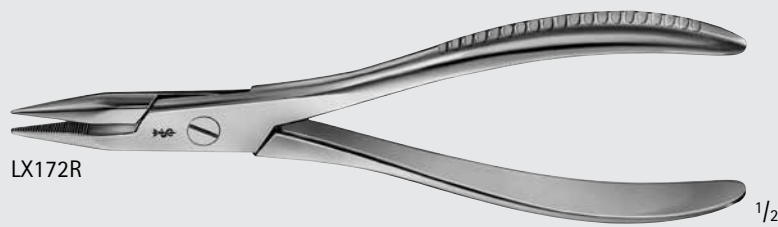


1/1

LX171R

Wire Holding Pliers

Catalog Number	Tip	Length (in.)
LX170R	SERR	6 3/4
LX171R	CROSS-GROOVES	6 3/4



LX172R

1/2



1/1

LX172R

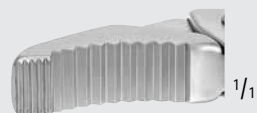
Wire Holding Forceps

Catalog Number	Tip	Length (in.)
LX172R	SERR	7 1/2



MG026R

1/2



1/1



1/1

MG026R

Wire Holding Pliers

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MG026R	LOCKING	7	7



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Wire Instruments



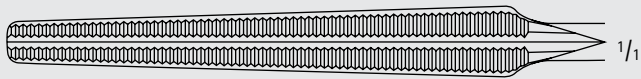
MG028R

Wire Holding Needle-Nose Pliers

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MG028R	LOCKING, NEEDLE-NOSE	5	9 1/2

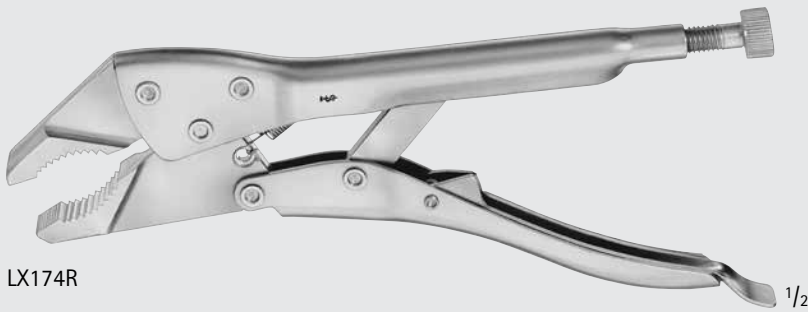


1/1



1/1

MG028R



LX174R

Vise Grip Pliers

Catalog Number	Tip	Length (in.)
LX174R	FLAT NOSE	7 7/8



1/1

LX174R





LX175S

Bending Iron

Catalog Number	FOR BORING WIRE SIZE	Length (in.)
LX175S	UP TO 2.7MM	4 3/4



LX177R-LX178R

Wire Extraction Pliers

Catalog Number	Length (in.)
LX177R	5 1/8
LX178R	7



1/1



1/1



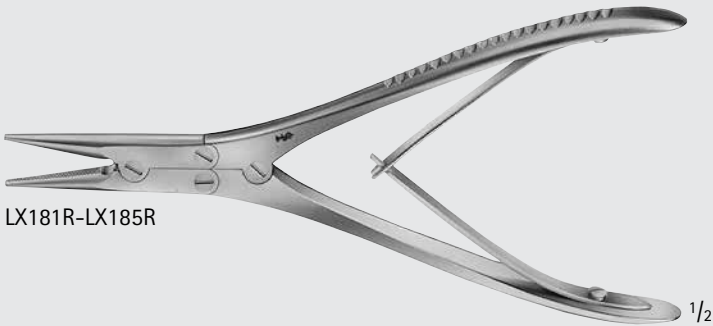
1/1



1/1

LX177R

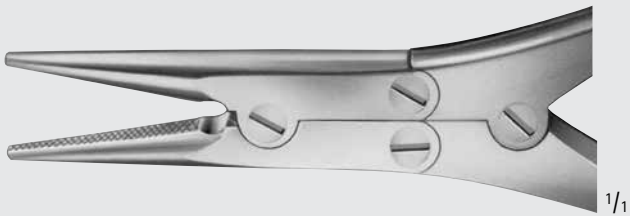
LX178R



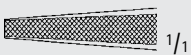
LX181R-LX185R

Wire Extraction Pliers

Catalog Number	Tip	Length (in.)
LX181R	RND	7
LX182R	RND, SHORT JAW	7
LX183R	FLAT	7
LX185R	PARALLEL	5 3/4



1/1



1/1

LX181R



1/1

LX182R



1/1

LX183R



1/1

LX185R

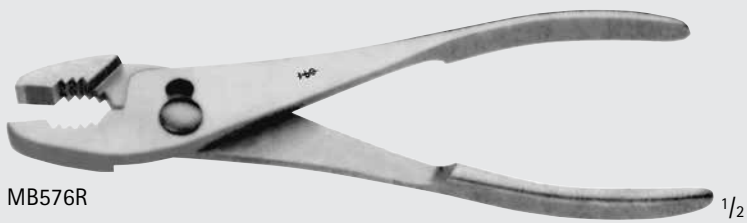


ORTHO
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Orthopedics/Spine

Wire Instruments



MB576R

1/2

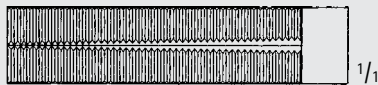
Utility Pliers

Catalog Number	Length (in.)
MB576R	7 3/4

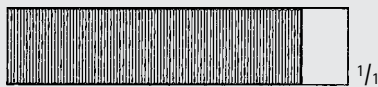


LX189R

1/2



1/1

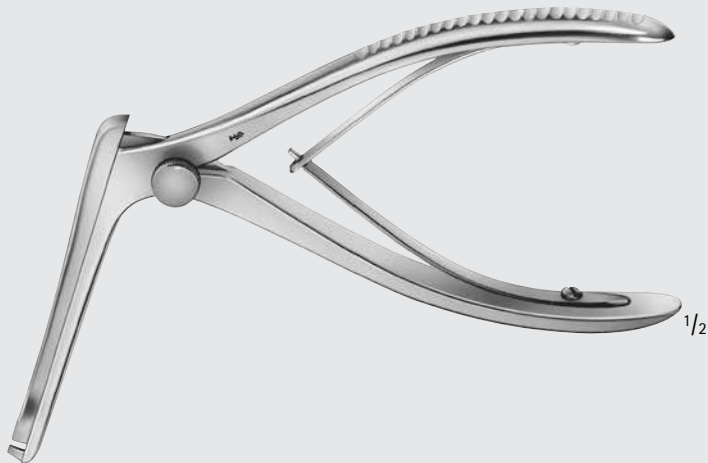


1/1

LX189R

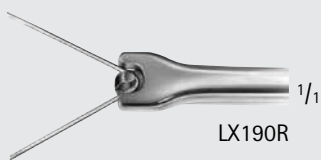
Flat Nosed Pliers

Catalog Number	Tip	Length (in.)
LX189R	PARALLEL	7 1/4



LX190R

1/2



LX190R

1/1

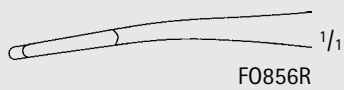
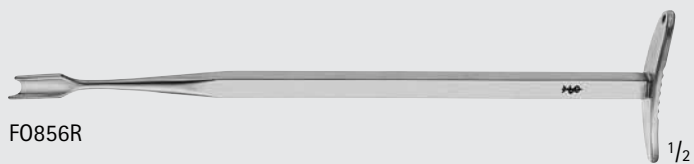
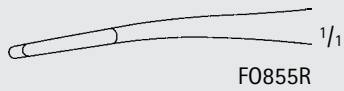
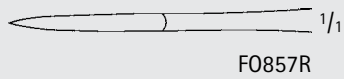
Wire Bending Pliers

Catalog Number	For Wire Size
LX190R	UP TO 1.8MM



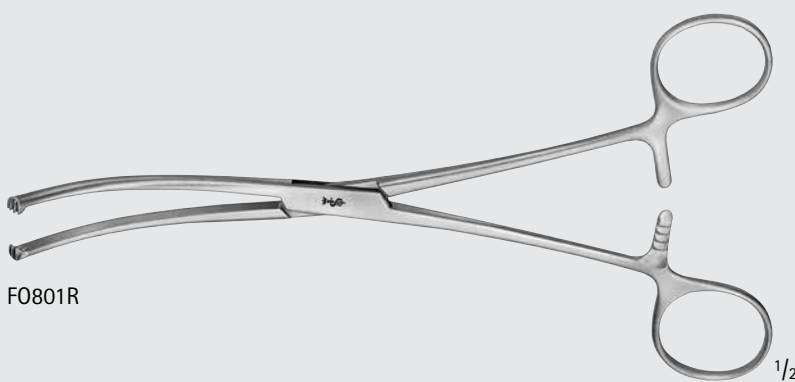
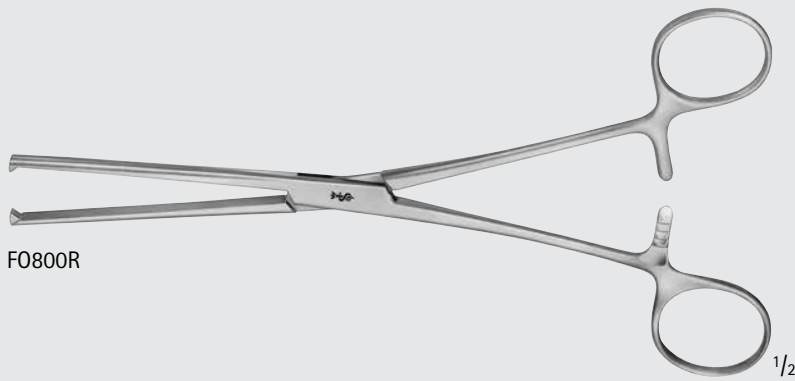
SMILLIE Meniscotome

Catalog Number	Jaw	Length (in.)
F0857R	STRAIGHT	6 3/4
F0855R	LEFT	6 3/4
F0856R	RIGHT	6 3/4



Orthopedics/Spine

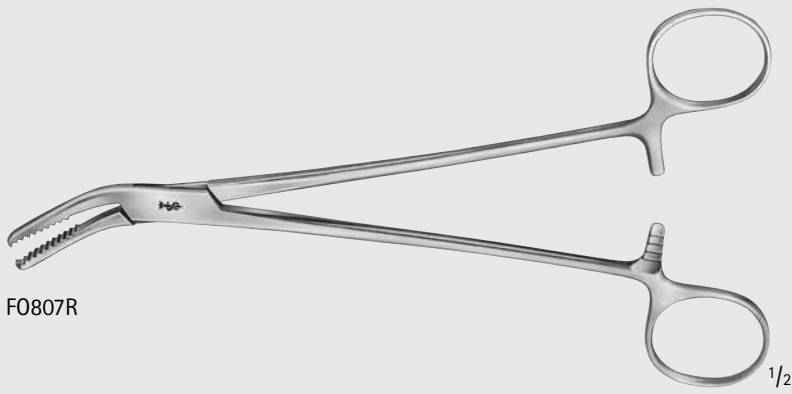
Forceps



BIRCHER Cartilage Forceps

Catalog Number	Jaw	Length (in.)
FO800R	STR	7 7/8
FO801R	CVD	7 7/8





FO807R

1/2

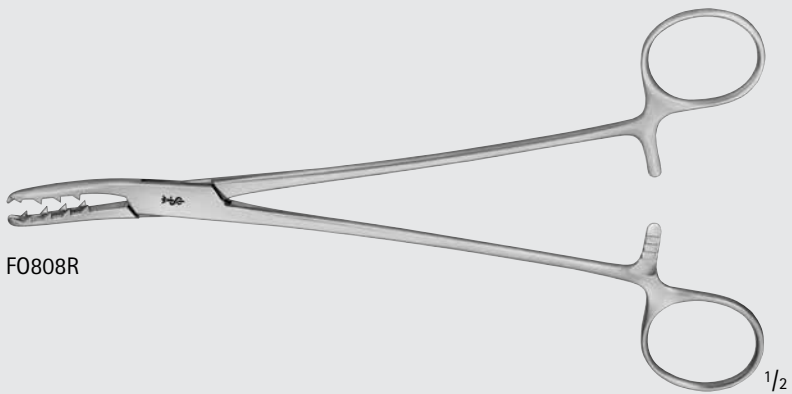


1/1

FO807R

WELLER Cartilage Forceps

Catalog Number	Jaw	Length (in.)
FO807R	CVD	7 7/8



FO808R

1/2



1/1

FO808R

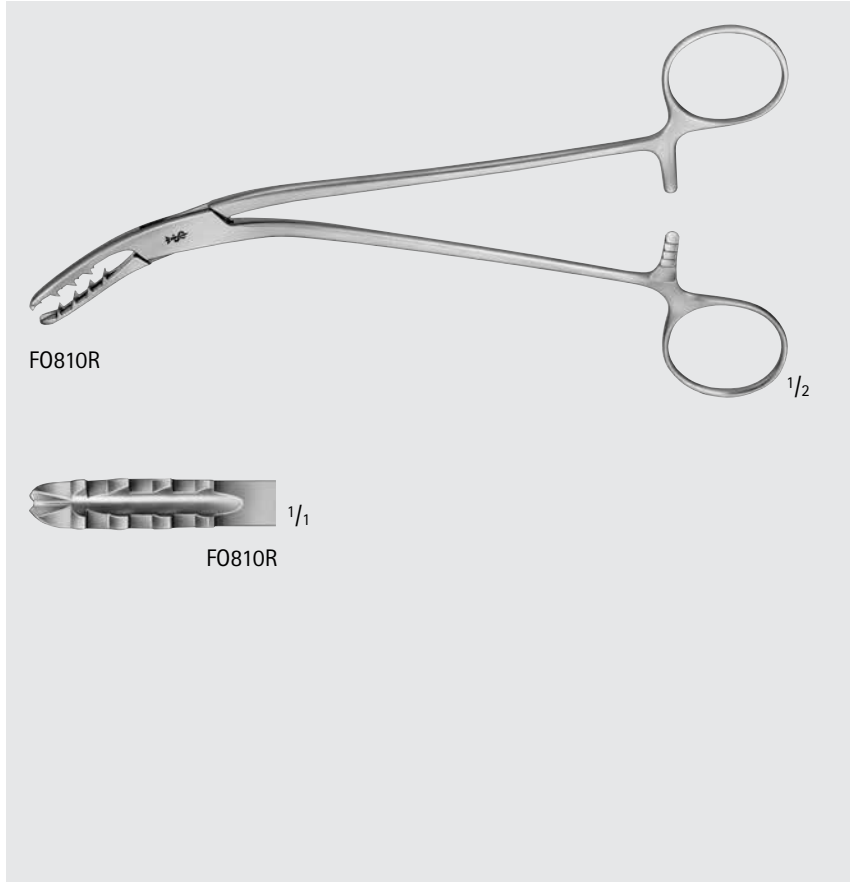
BIRCHER-GANSKE Cartilage Forceps

Catalog Number	Jaw	Length (in.)
FO808R	SLIGHT CVD	7 7/8



Orthopedics/Spine

Forceps



F0810R

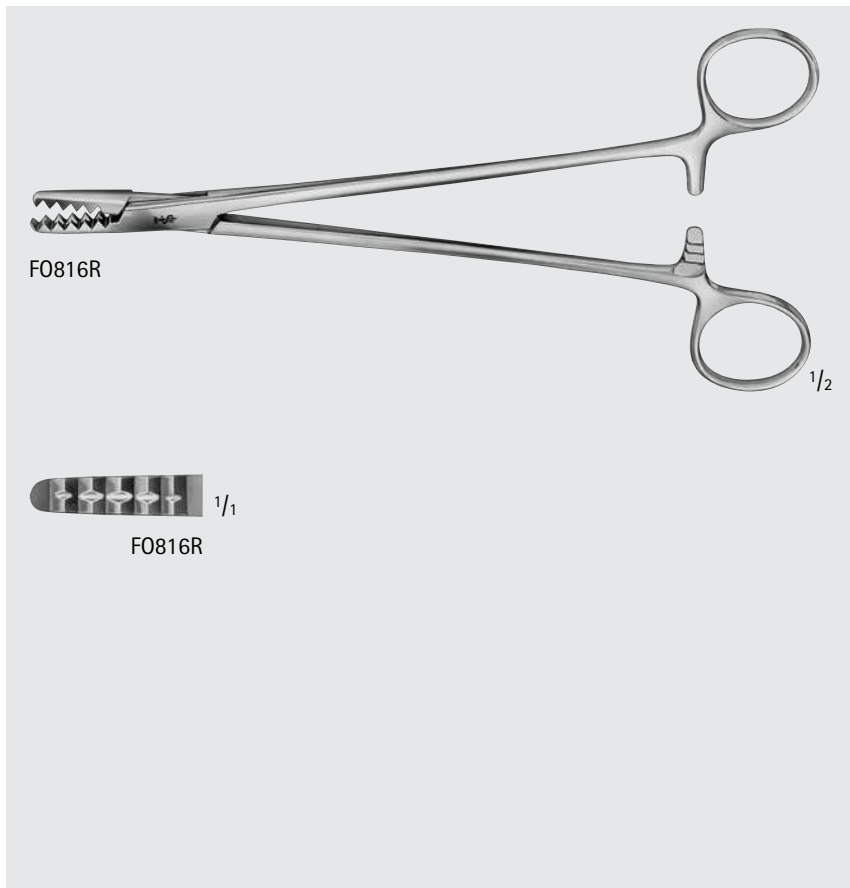
1/2

F0810R

1/1

BIRCHER-GANSKE Cartilage Forceps (continued)

Catalog Number	Jaw	Length (in.)
F0810R	CVD	7 7/8



F0816R

1/2

F0816R

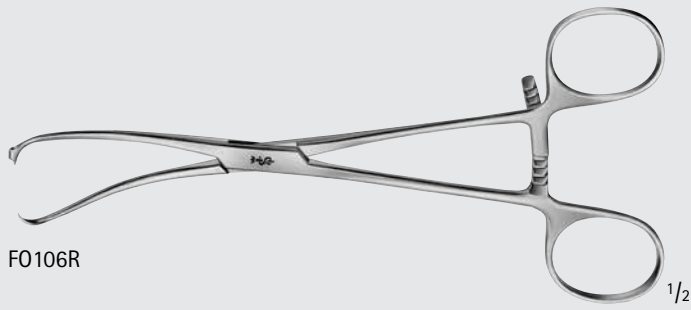
1/1

MARTIN Cartilage Forceps

Catalog Number	Jaw	Length (in.)
F0816R	STR	8

MEYER Reposition Forceps, F/ Wires

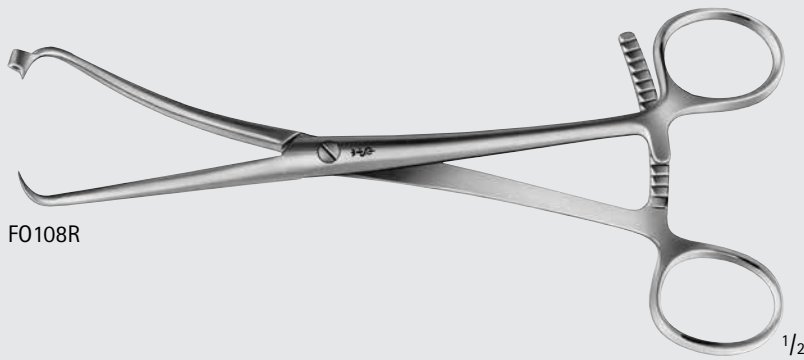
Catalog Number	For Wire Size	Length (in.)
FO106R	UP TO 1MM	6 3/4
FO108R	UP TO 2MM	8



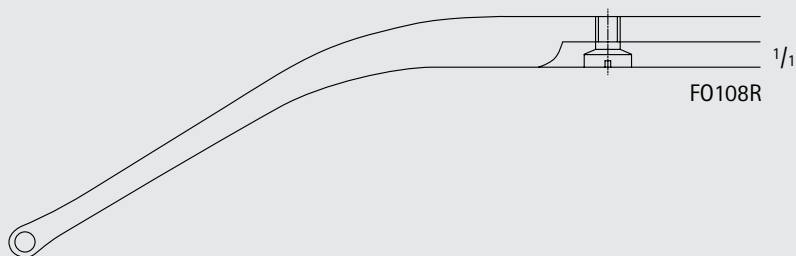
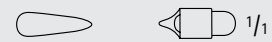
FO106R



FO106R



FO108R



FO108R



Orthopedics/Spine

Bone Holding Forceps



DINGMANN Bone Holding Forceps

Catalog Number	Teeth	Length (in.)
FO110R	2 x 2	7 1/4

FO110R $\frac{1}{2}$

FO110R $\frac{1}{1}$

DINGMANN Bone Holding Forceps

Catalog Number	Teeth	Shaft	Length (in.)
FO111R	2 x 2	CVD	7 1/4

FO111R $\frac{1}{2}$

FO111R $\frac{1}{1}$

Bone Holding Forceps

Catalog Number	Length (in.)
FO112R	8 1/4

FO112R $\frac{1}{2}$

FO112R $\frac{1}{1}$

Finger Reposition Forceps, Stepped Tips

Catalog Number	Length (in.)
FO113R	3 3/4

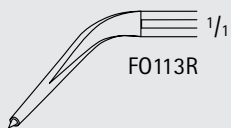


FO113R

1/2



1/1



FO113R

1/1

Finger Reposition Forceps, F/ Small Fragments

Catalog Number	Length (in.)
FO115R	5 1/4



FO115R

1/2



FO115R

1/1

REILL Reposition Forceps

Catalog Number	Length (in.)
FO116R	6 3/4



FO116R

1/2



FO116R

1/1



ORTHO
SPINE

INCHES

Orthopedics/Spine

Bone Holding Forceps



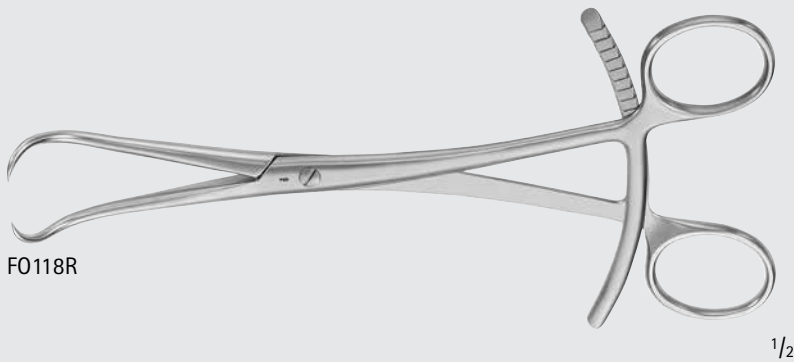
FO117R



FO117R

Forceps for Maxillary Reposition

Catalog Number	Length (in.)
FO117R	5 1/4



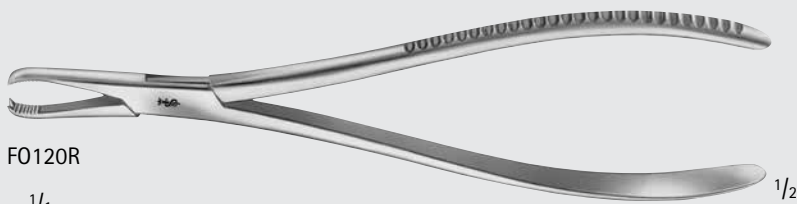
FO118R



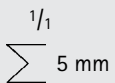
FO118R

Bone Reposition Forceps, Double Ratchet

Catalog Number	Length (in.)
FO118R	8



FO120R



FO120R

Bone Holding Forceps

Catalog Number	Length (in.)
FO120R	7 7/8



Bone Reduction Forceps

Catalog Number	Length (in.)
F0123R	5 1/2



F0123R



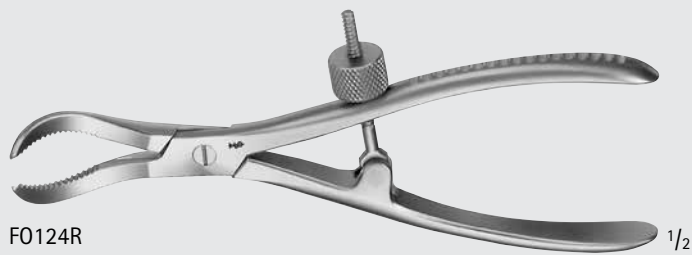
F0123R

1/2

1/16

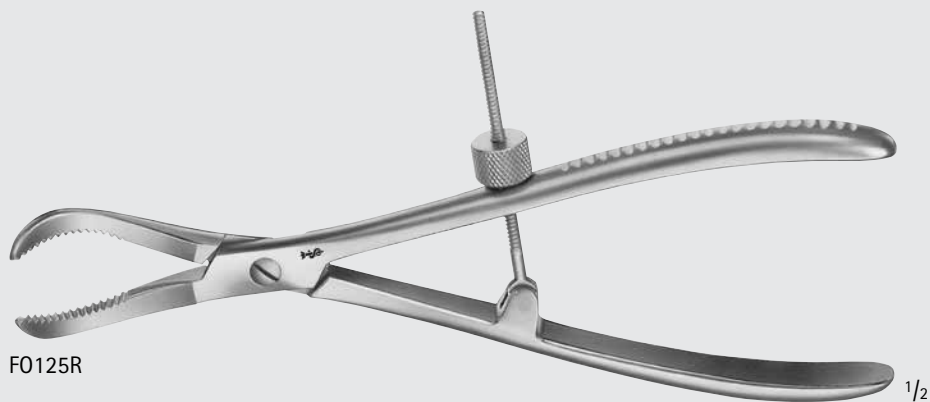
Bone Reduction Forceps, W/ Screw Lock and Thread Fixation

Catalog Number	Length (in.)
F0124R	6 3/4
F0125R	9 1/4



F0124R

1/2



F0125R

1/2



ORTHO
SPINE

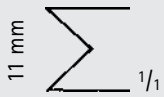
INCHES

Orthopedics/Spine

Bone Holding Forceps



FO127R



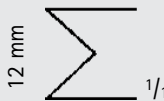
FO127R

LANGENBECK Bone Holding Forceps

Catalog Number	Tip Size (mm)	Length (in.)
FO127R	11	8



FO130R



FO130R

FERGUSSON Bone Holding Forceps

Catalog Number	Tip Size (mm)	Length (in.)
FO130R	12	8



FO135R



FO135R



FO136R



FO136R

SEMB Rib/Bone Holding Forceps

Catalog Number	Tip Size (mm)	Item	Length (in.)
FO135R	8	W/O RATCHET	7 1/2
FO136R	8	W/ RATCHET	7 1/2



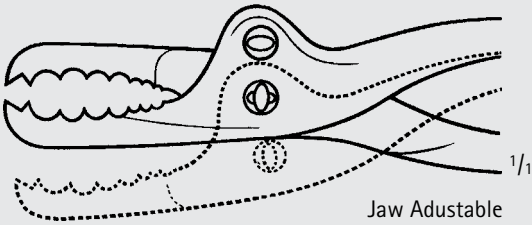
FARABEUZ Bone Holding Forceps

Catalog Number	Tip Size (mm)	Length (in.)
FO140R	9	9
FO141R	11	10



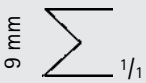
FO140R

1/2



1/16

Jaw Adjustable

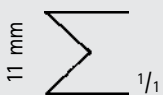


FO140R



FO141R

1/2



FO141R

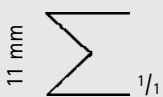
**FARABEUZ-LAMBOTTE Forceps,
W/ Ratchet**

Catalog Number	Tip Size (mm)	Length (in.)
FO143R	11	10



FO143R

1/2



FO143R



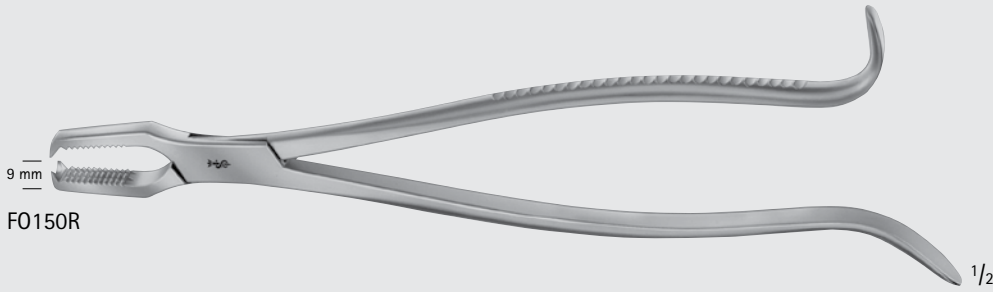
Orthopedics/Spine

Bone Holding Forceps



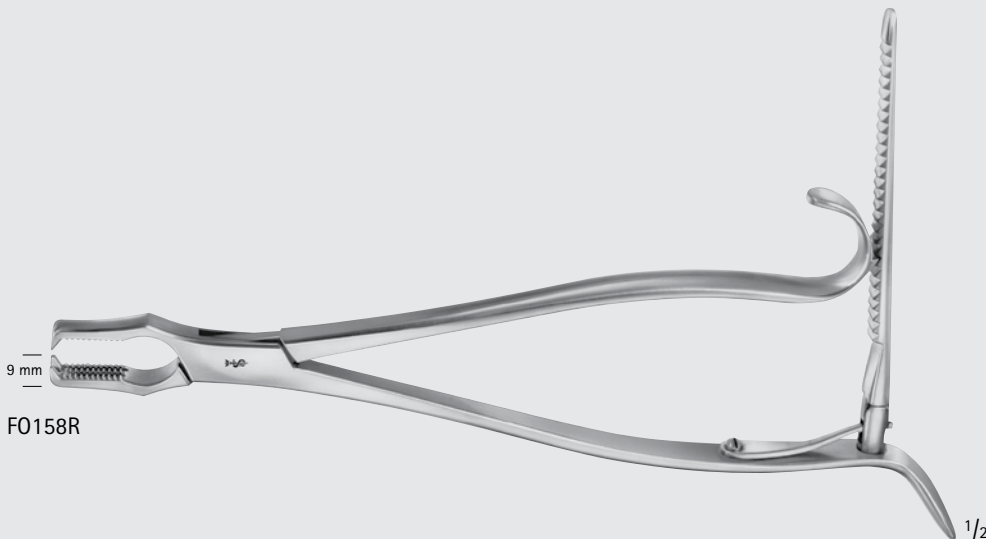
KERN Mini Bone Holding Forceps, W/ Ratchet

Catalog Number	Tip Size (mm)	Length (in.)
FO148R	7.5	6 1/8



KERN-LANE Bone Holding Forceps

Catalog Number	Tip Size (mm)	Length (in.)
FO150R	9	9 1/2



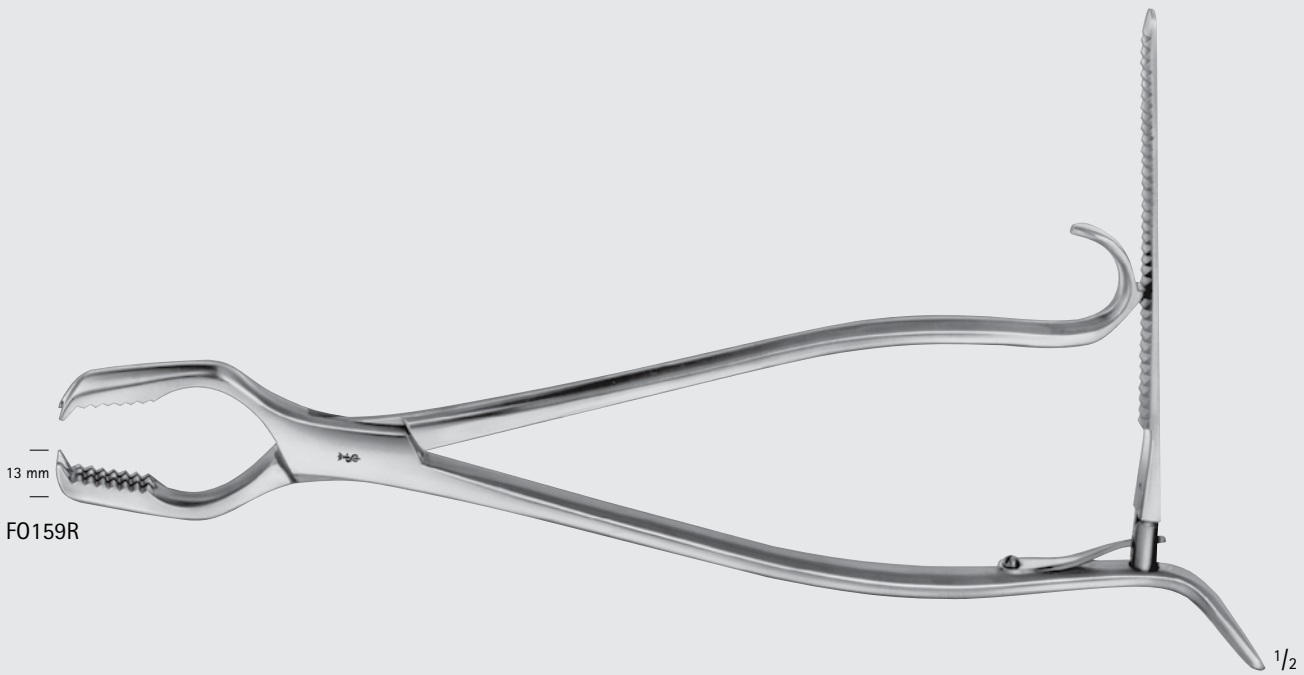
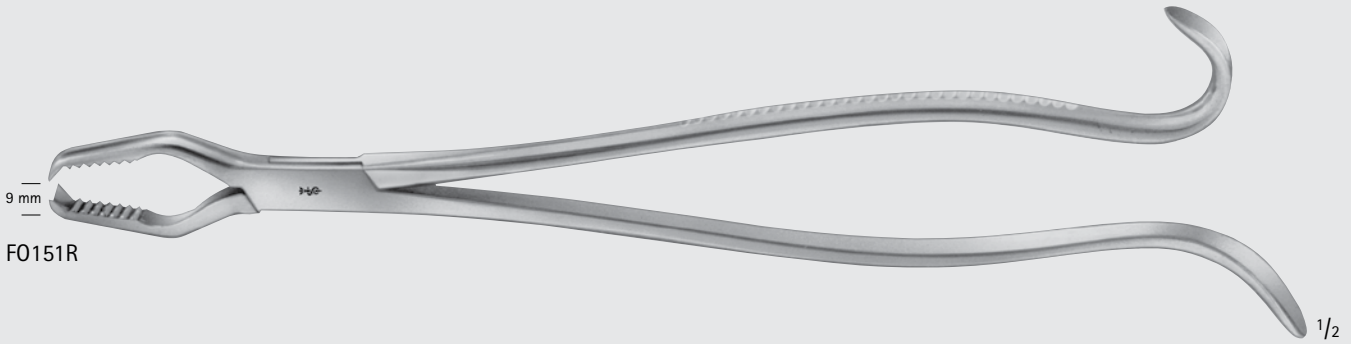
KERN-LANE Bone Holding Forceps, W/ Ratchet

Catalog Number	Tip Size (mm)	Length (in.)
FO158R	9	9 1/2



LANE Bone Holding Forceps

Catalog Number	Tip Size (mm)	Description	Length (in.)
FO151R	9	W/O RATCHET	13
FO159R	13	W/ RATCHET	12 1/2



Orthopedics/Spine

Bone Holding Forceps



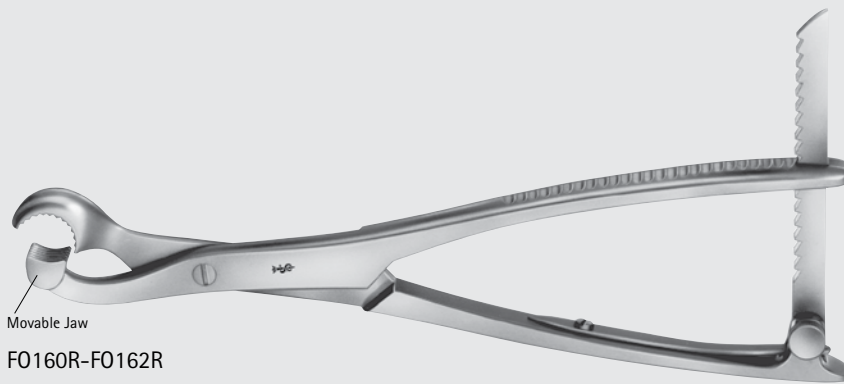
FO153R



FO153R

Patella Forceps W/ Screw Lock

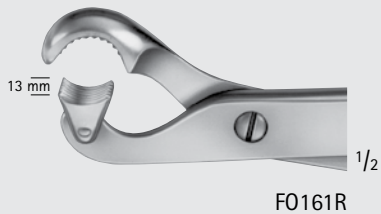
Catalog Number	Length (in.)
FO153R	7 1/4



FO160R-FO162R



FO160R



FO161R



FO162R

LAMBOTTE Bone Holding Forceps, W/ Movable Jaw and Ratchet

Catalog Number	Tip Size (mm)	Length (in.)
FO160R	10	8 3/4
FO161R	13	10 1/4
FO162R	16	13



Self-Centering Forceps, W/ Screw Lock and Thread Fixation

Catalog Number	Tip Size (mm)	Length (in.)
FO169R	3/3	5 3/4
FO170R	7 / 2.5	7 1/2
FO171R	10.5 / 3.5	9 1/2
FO172R	11 / 3.5	10 1/4
FO173R	11.5 / 4.5	10 3/4



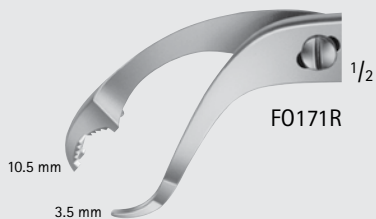
FO169R-FO173R



FO169R



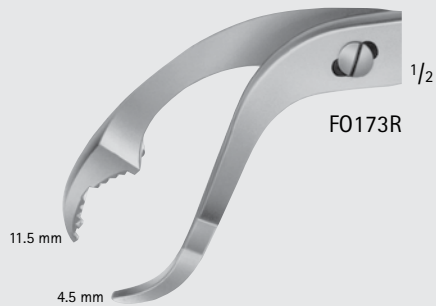
FO170R



FO171R



FO172R

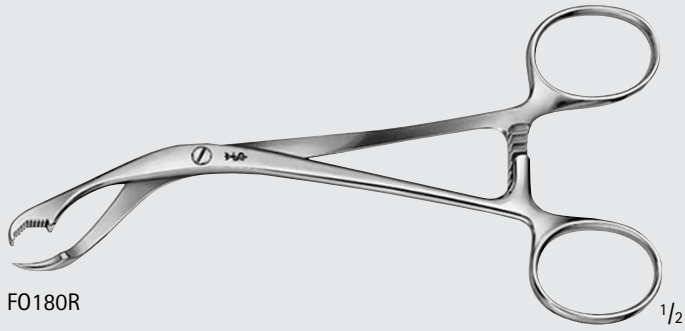


FO173R



Orthopedics/Spine

Bone Holding Forceps



FO180R



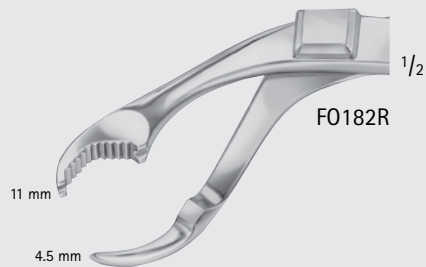
FO180R



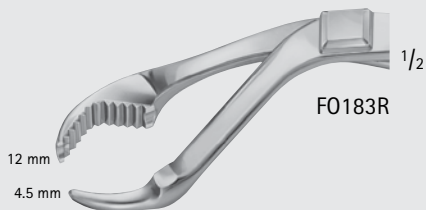
FO181R-FO183R



FO181R



FO182R



FO183R

VERBRUGGE Bone Forceps

Catalog Number	Tip Size (mm)	Length (in.)
FO180R	5	6 7/8
FO181R	10 / 4.0	9 3/4
FO182R	11 / 4.5	10 1/2
FO183R	12 / 4.5	10 5/8



FO190R-FO191R

LOWMAN Bone Clamp

Catalog Number	Length (in.)
FO190R	6 7/8
FO191R	8



FO192R

LOWMAN-GERSTER Bone Clamp

Catalog Number	Length (in.)
FO192R	8 1/4



FO193R

LOWMAN-HOGLUND Bone Clamp

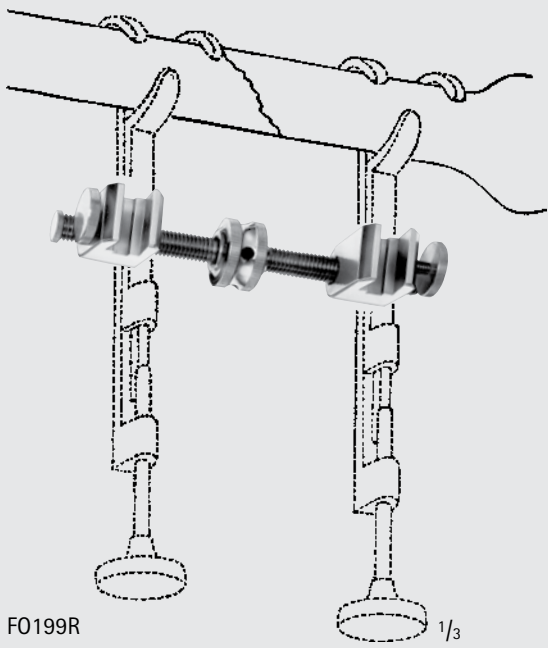
Catalog Number	Length (in.)
FO193R	6 7/8



ORTHO
SPINE

Orthopedics/Spine

Bone Holding Forceps

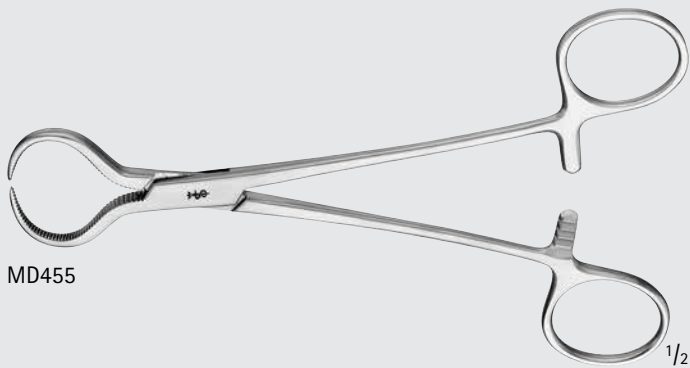


GERSTER Traction Bar
F/FO190R-FO193R

Catalog Number
FO199R

FO199R

1/3



LEWIN Bone Clamp

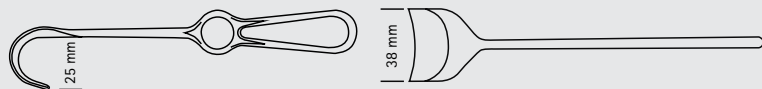
Catalog Number	Tip	Length (in.)
MD455	SERR	7

MD455

1/2

ORTHO
SPINE

MILLIMETERS



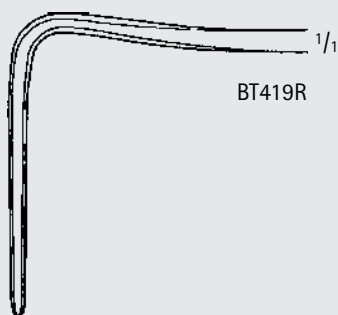
Dimensions for blade size of retractors
 1st number = depth Example: 25 x 38 mm
 2nd number = width



Knee Retractor

Catalog Number	Blade Size (mm)	Length (in.)
BT419R	39 x 9	8 7/8

BT419R



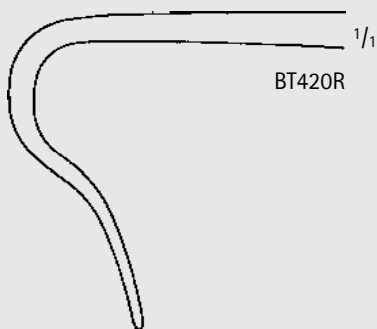
BT419R



BLOUNT Knee Retractor

Catalog Number	Blade Size (mm)	Length (in.)
BT420R	40 x 4	6 7/8

BT420R



BT420R



ORTHO
SPINE

INCHES

Orthopedics/Spine

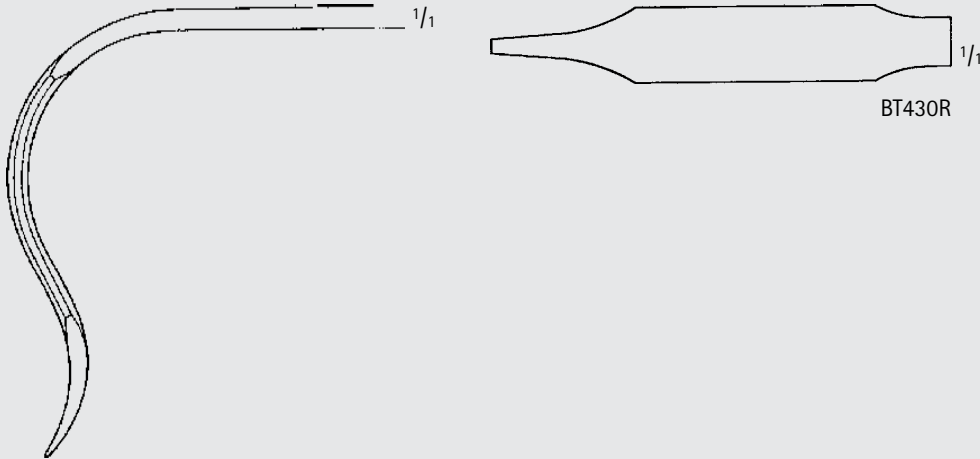
Retractors



BT430R

Knee Retractor

Catalog Number	Blade Size (mm)	Length (in.)
BT430R	56 x 10	6 3/4



BT430R



MB976R

DOANE "Z" Knee Retractor

Catalog Number	Blade Size (mm)	Size
MB976R	55 x 75	MEDIUM
MB977R	66 x 80	LARGE



MB977R



T-Handle Retractor

Catalog Number	Blade Size (mm)	Length (in.)
MD512R	120 x 32	7
MD513R	120 x 32	11
MD514R	120 x 32	13



MD512R-MD514R

HIBBS Retractor

Catalog Number	Blade Size (mm)	Length (in.)
BT503R	25 x 75	9 1/8
BT504R	20 x 50	9 1/8
BT505R	13 x 25	9 1/8



BT503R-BT505R



BT503R



BT504R



BT505R



Orthopedics/Spine

Retractors



BT501R-BT502R

TAYLOR Spinal Retractor

Catalog Number	Blade Size (mm)	Length (in.)
BT501R	30 x 70	7 1/4
BT502R	30 x 100	7 7/8



1/1

BT501R



1/1

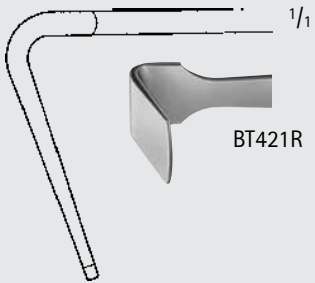
BT502R



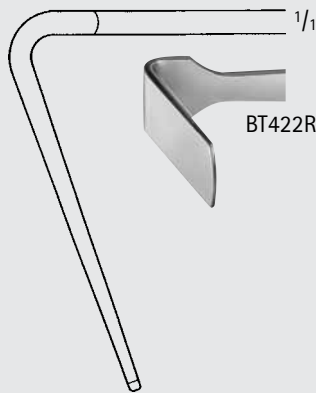
BT421R-BT425R

SMILLIE Retractor

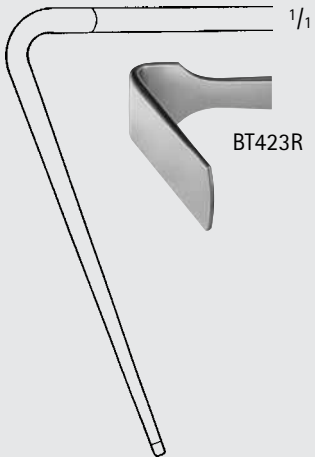
Catalog Number	Blade Size (mm)	Length (in.)
BT421R	32 x 19	5 1/2
BT422R	48 x 19	5 1/2
BT423R	57 x 19	5 1/2
BT424R	52 x 13	5 1/2
BT425R	12 x 13	5 1/2



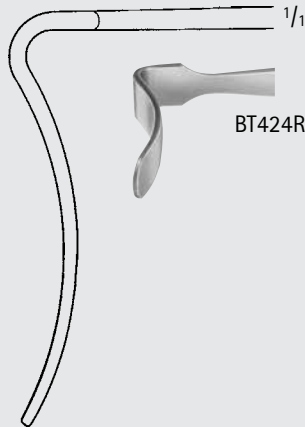
BT421R



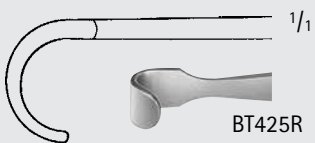
BT422R



BT423R



BT424R



BT425R



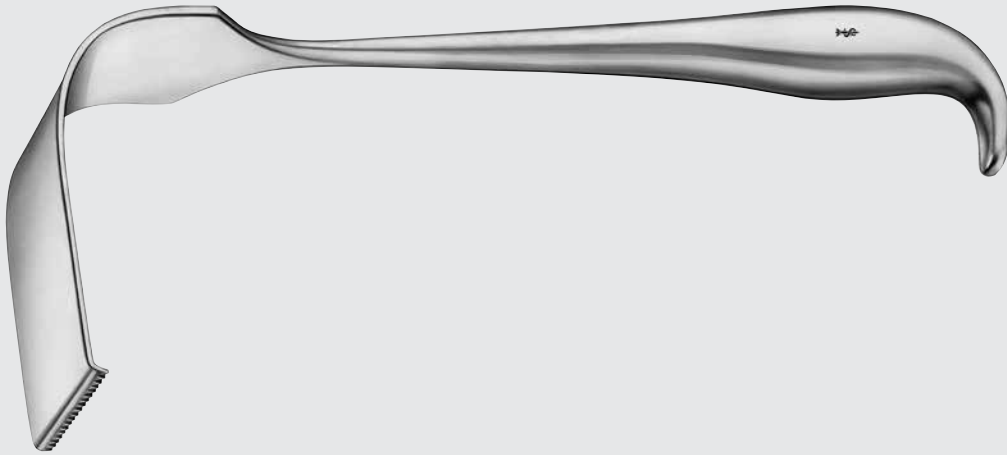
INCHES

Orthopedics/Spine

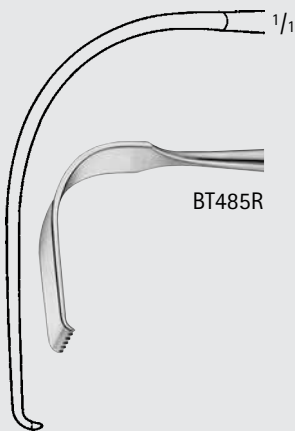
Retractors

MEYERDING Retractor

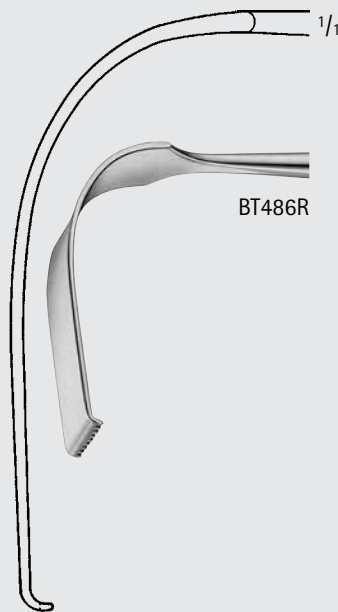
Catalog Number	Blade Size (mm)	Length (in.)
BT485R	52 x 16	9
BT486R	76 x 25	9
BT487R	89 x 50	10



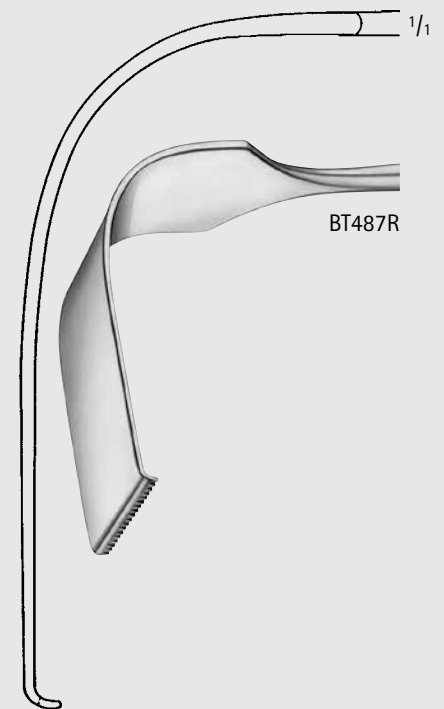
BT485R-BT487R



BT485R



BT486R

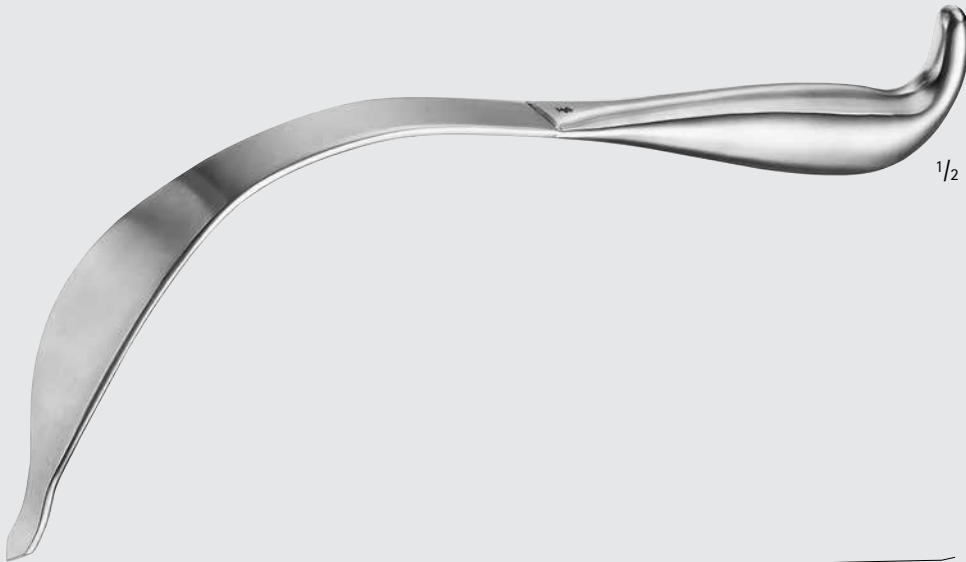


BT487R

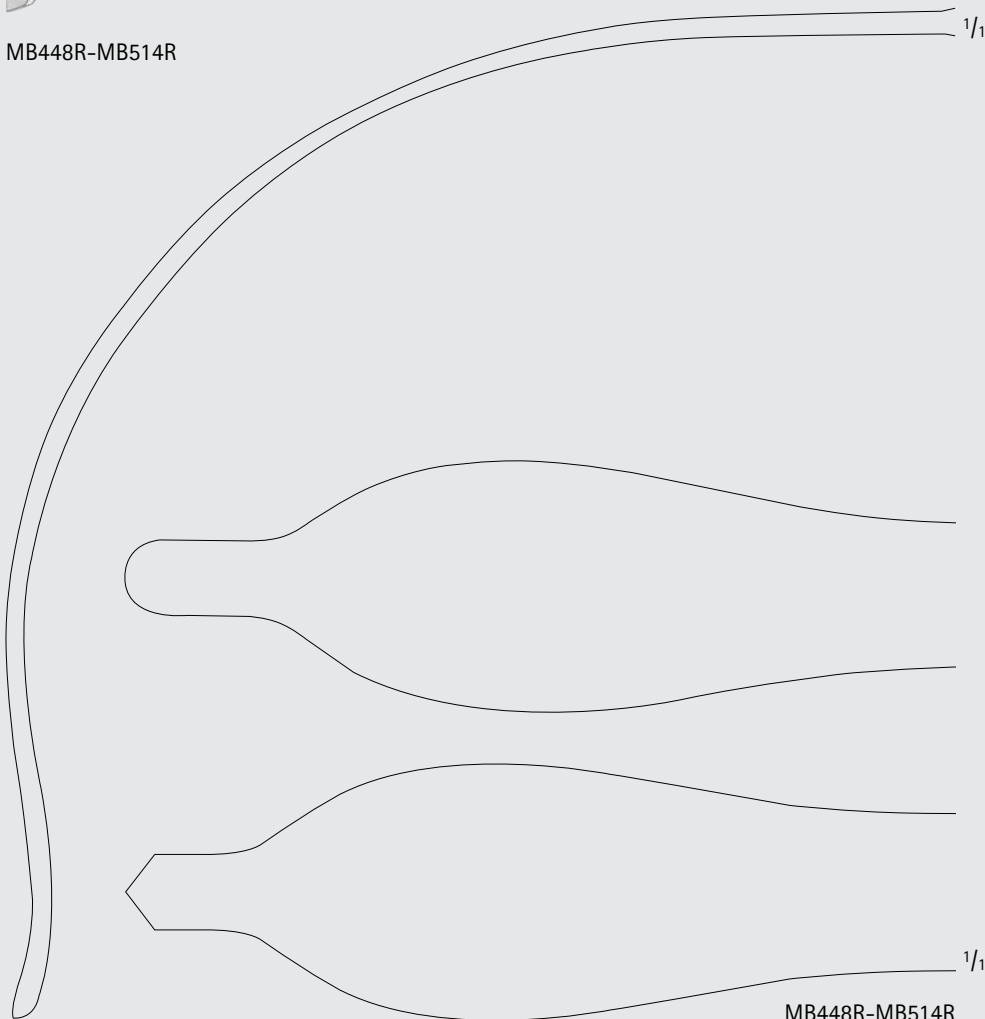


AUFRANC Cobra Retractor

Catalog Number	Tip	Length (in.)
MB448R	SMOOTH, POINTED	10
MB514R	SMOOTH, BLUNT	10



MB448R-MB514R



MB448R-MB514R

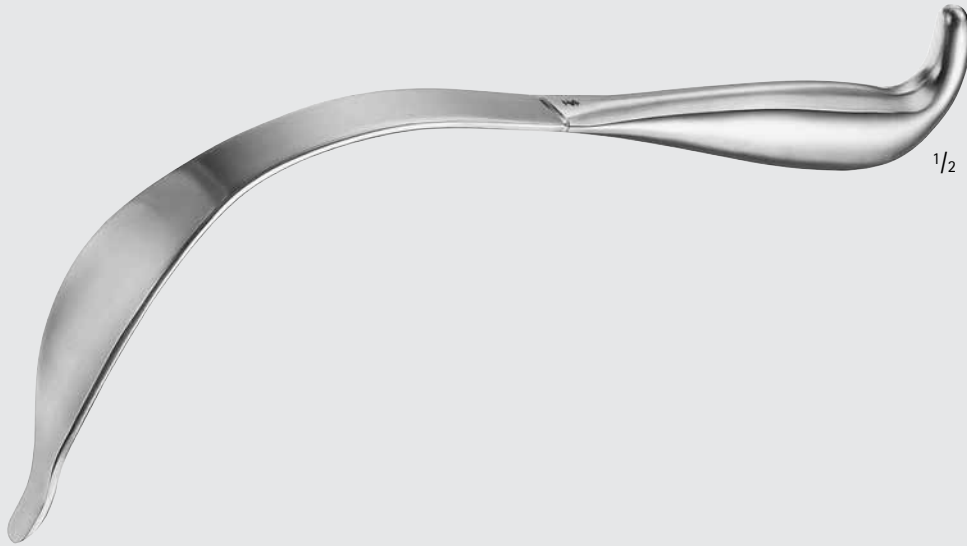


Orthopedics/Spine

Retractors

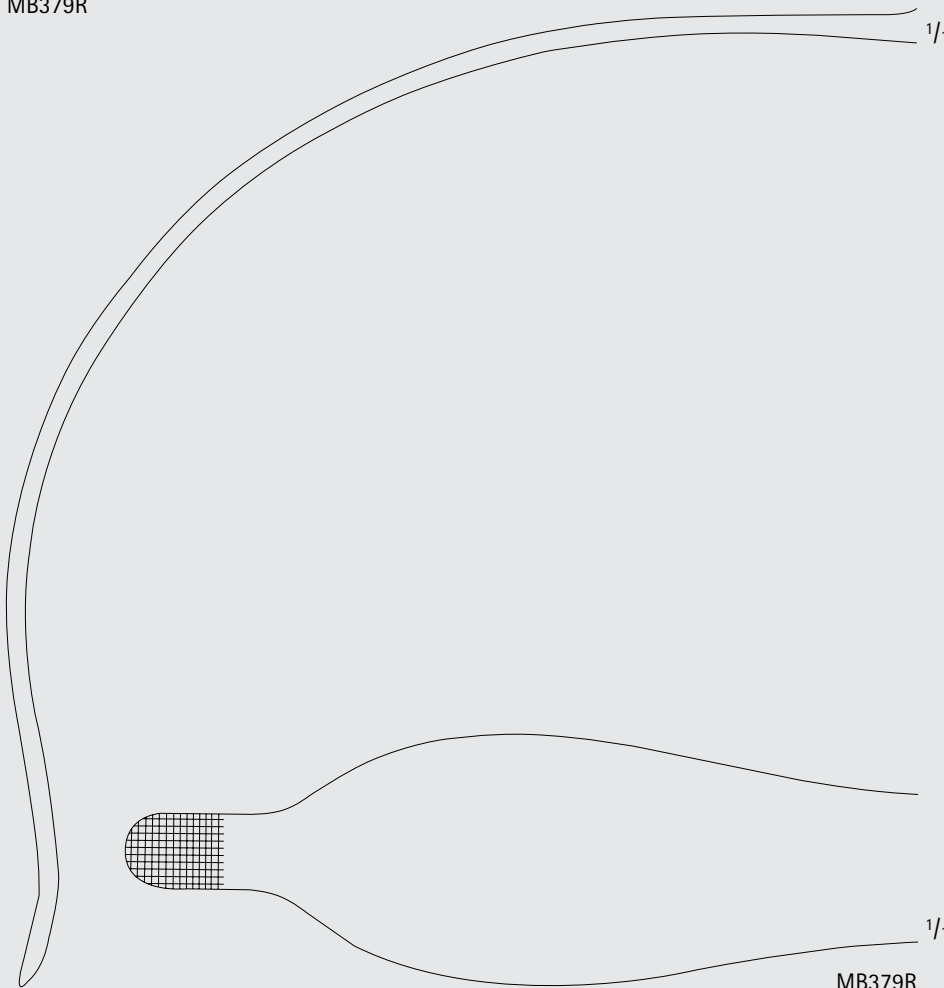
AUFRANC Cobra Retractor

Catalog Number	Tip	Length (in.)
MB379R	SERR, BLUNT	10



MB379R

1/2



1/1

1/1

MB379R





MF058R-MF060R

**CLOWARD Style Cervical Retractor
W/ Lip**

Catalog Number	Width (mm)	Length (in.)
MF058R	18	7
MF059R	20	7
MF060R	23	7



MN073R-MN075R

**CLOWARD Style Cervical Retractor
W/O Lip**

Catalog Number	Width (mm)	Length (in.)
MN073R	18	7
MN074R	20	7
MN075R	23	7



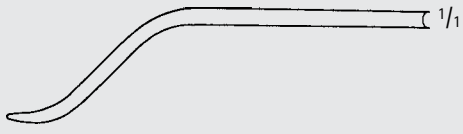
Orthopedics/Spine

Retractors



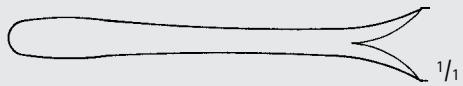
FK110R

1/2



1/1

5.5 mm



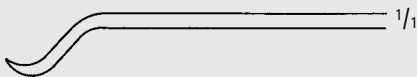
FK110R

1/1



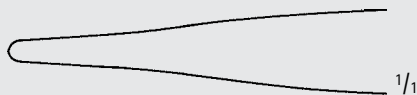
FK111R

1/2



1/1

2.8 mm



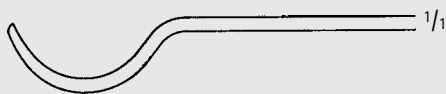
FK111R

1/1



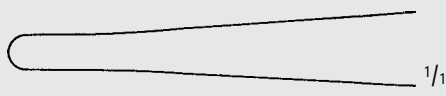
FK113R

1/2



1/1

4.5 mm



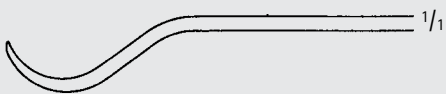
FK113R

1/1



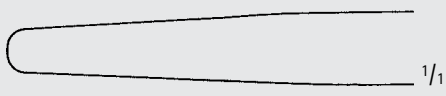
FK114R

1/2



1/1

7 mm



FK114R

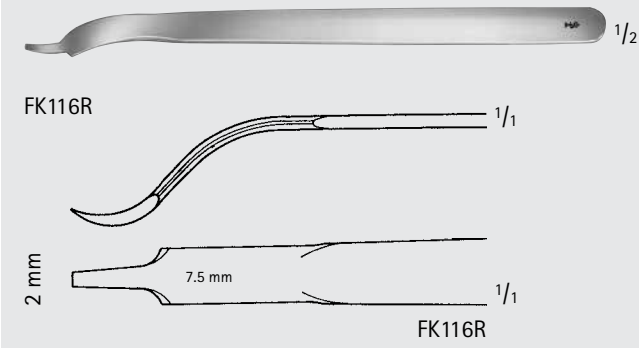
1/1

HAYES Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK110R	5.5	6 1/8
FK111R	2.8	5 1/2
FK113R	4.5	6
FK114R	7	6

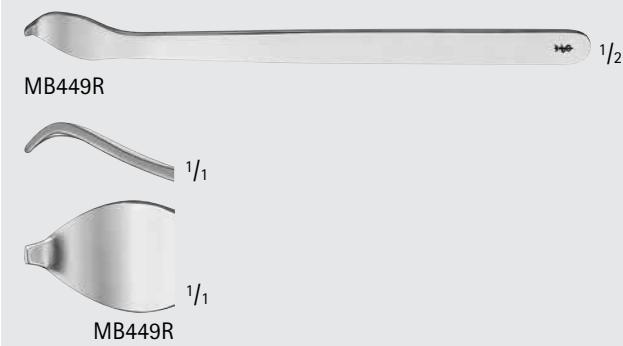
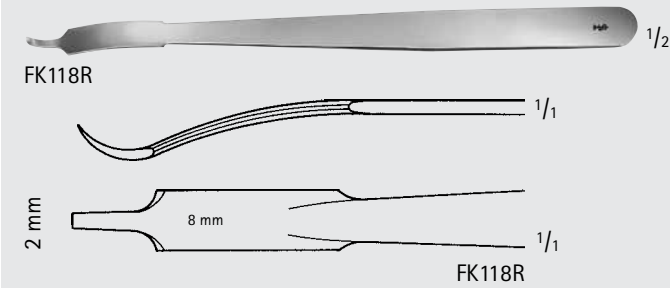
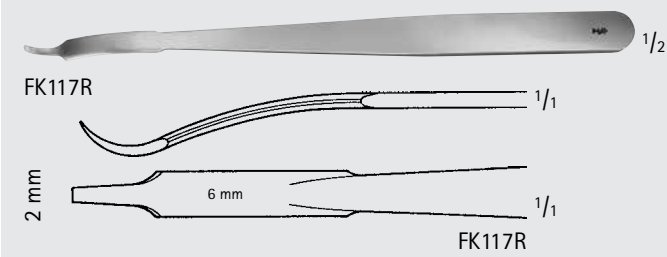
BUCK-GRAMCKO Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK116R	2/7.5	6



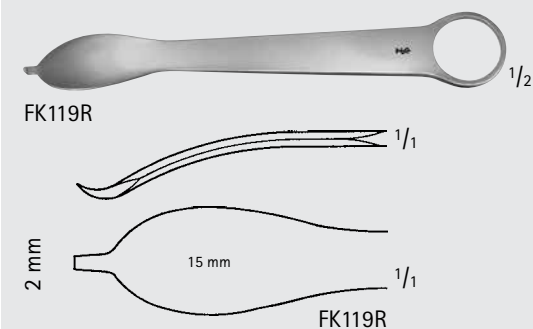
HOHMANN Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK117R	2/6	6 1/4
FK118R	2/8	6 1/4
MB449R	2/15	6



Baby HOHMANN Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK119R	2/15	5



INCHES

Orthopedics/Spine

Retractors



FK170R

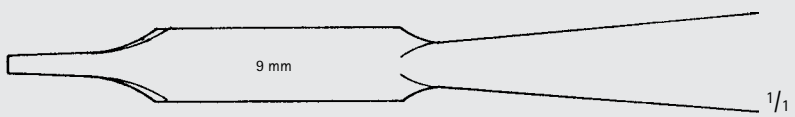
1/2

HOHMANN Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK170R	9	8 3/4
FK166R	17	9 1/2



1/1



9 mm

1/1

FK170R

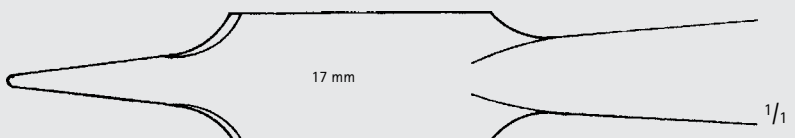


FK166R

1/2



1/1



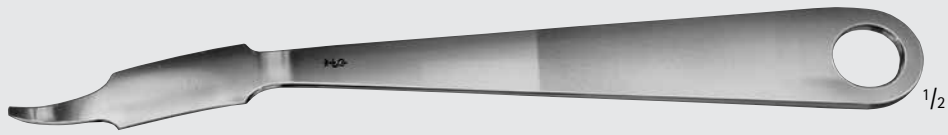
17 mm

1/1

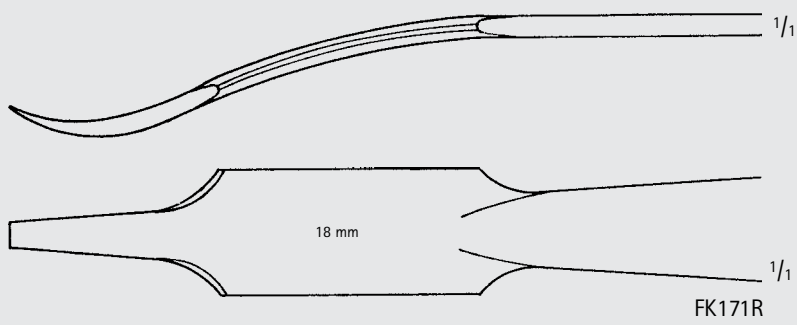
FK166R

HOHMANN Bone Retractor (continued)

Catalog Number	Blade Size (mm)	Length (in.)
FK171R	18	9 1/2
FK176R	25	10 5/8



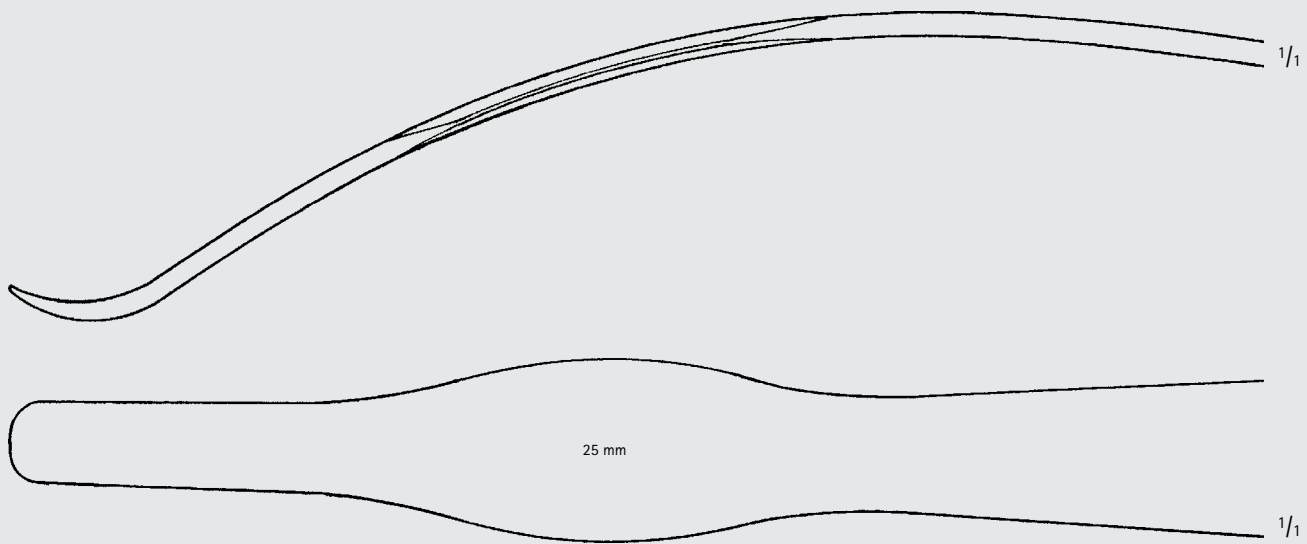
FK171R



FK171R



FK176R



FK176R



INCHES

Orthopedics/Spine

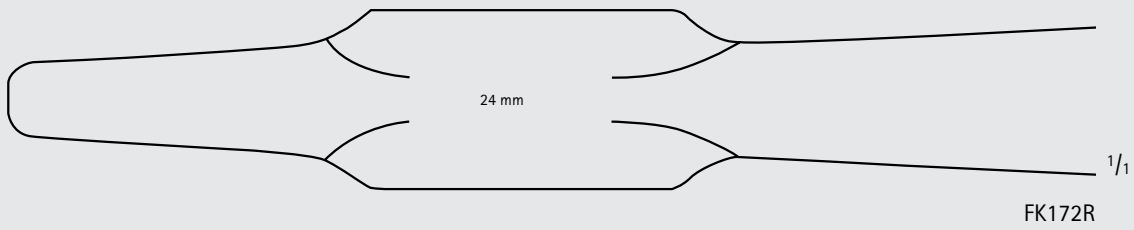
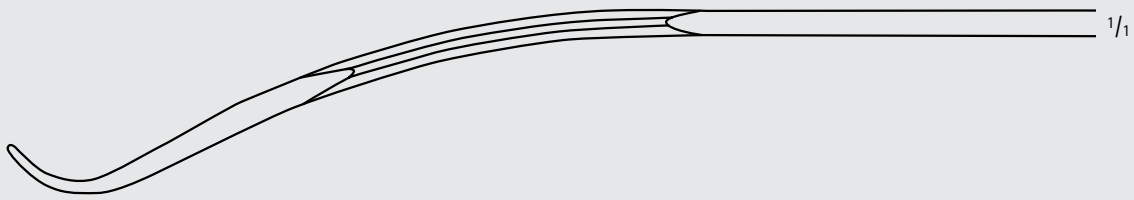
Retractors

HOHMANN Bone Retractor (continued)

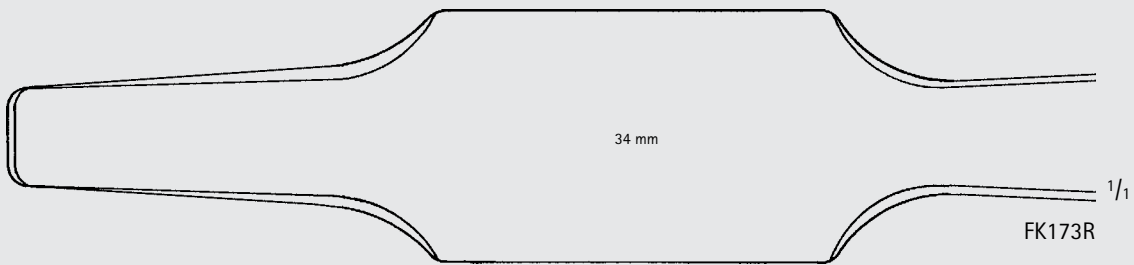
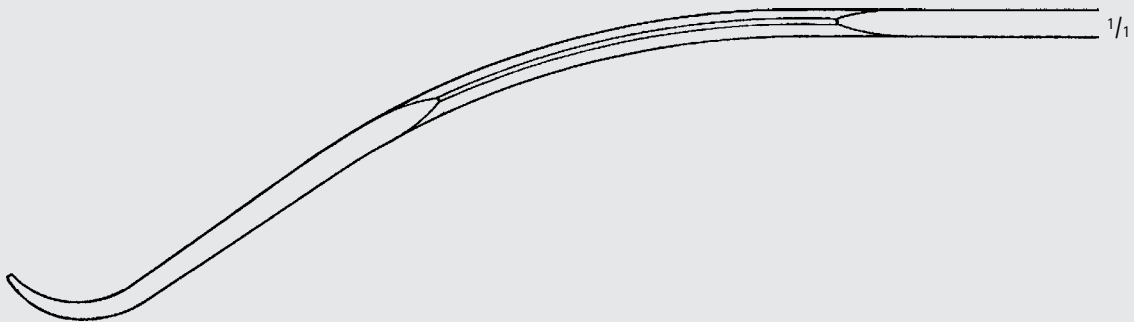
Catalog Number	Blade Size (mm)	Length (in.)
FK172R	24	10 1/4
FK173R	34	11 1/4



FK172R-FK173R



FK172R



FK173R



LANGE-HOHMANN Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK160R	24	9 3/4

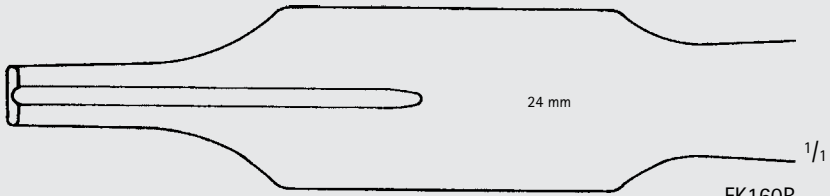


FK160R

1/2



1/1



24 mm

1/1

FK160R



ORTHO
SPINE

INCHES

Orthopedics/Spine

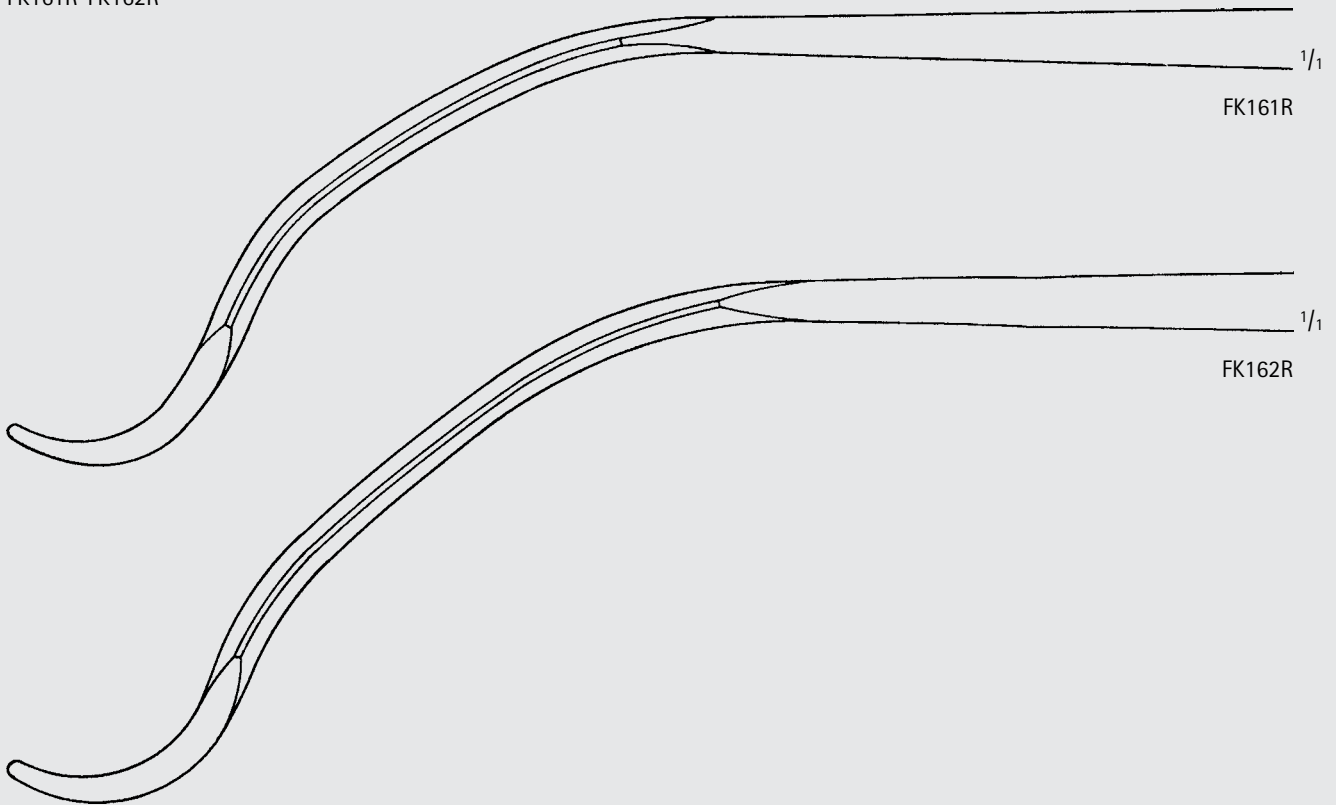
Retractors

LANGE-HOHMANN Bone Retractor (continued)

Catalog Number	Blade Size (mm)	Length (in.)
FK161R	30	10 1/2
FK162R	33	11

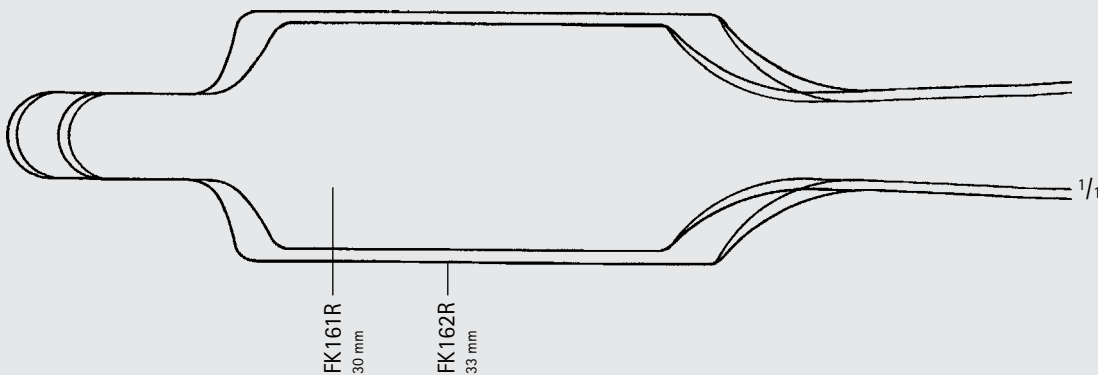


FK161R-FK162R



FK161R

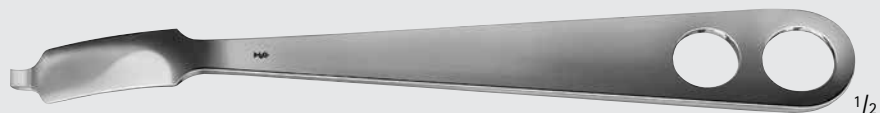
FK162R



FK161R
30 mm

FK162R
33 mm

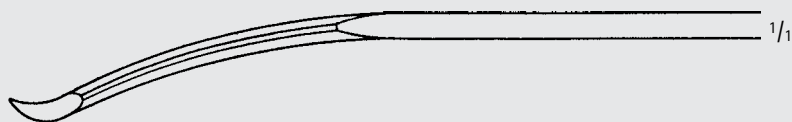




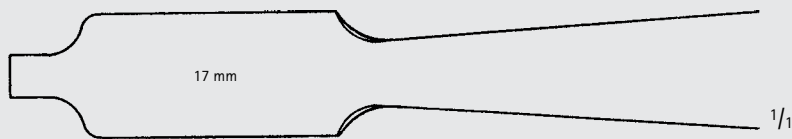
FK167R

HOHMANN (WAGNER) Humoral Head Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK167R	17	8 3/4



1/1



17 mm

1/1

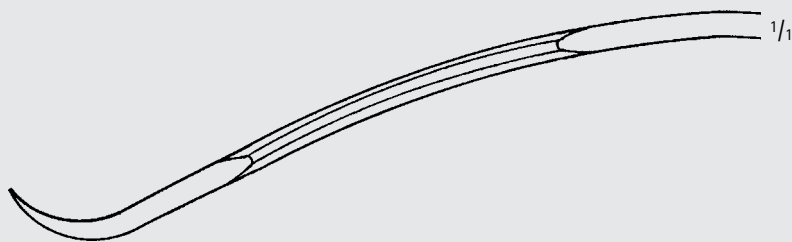
FK167R



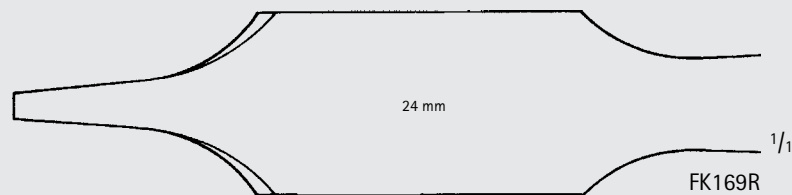
FK169R

HOHMANN (ALDINGER) Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK169R	24	10 5/8



1/1



24 mm

1/1

FK169R



INCHES

Orthopedics/Spine

Retractors



FK185R-FK187R

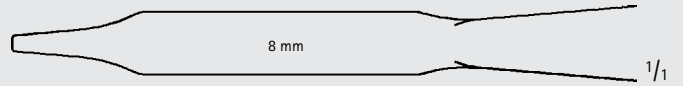
1/2

HOHMANN Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK185R	8	8 3/4
FK186R	15	9 3/4
FK187R	22	11 3/4



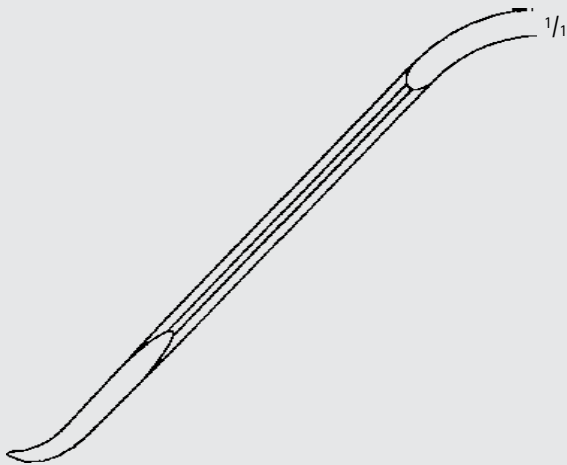
1/1



8 mm

1/1

FK185R



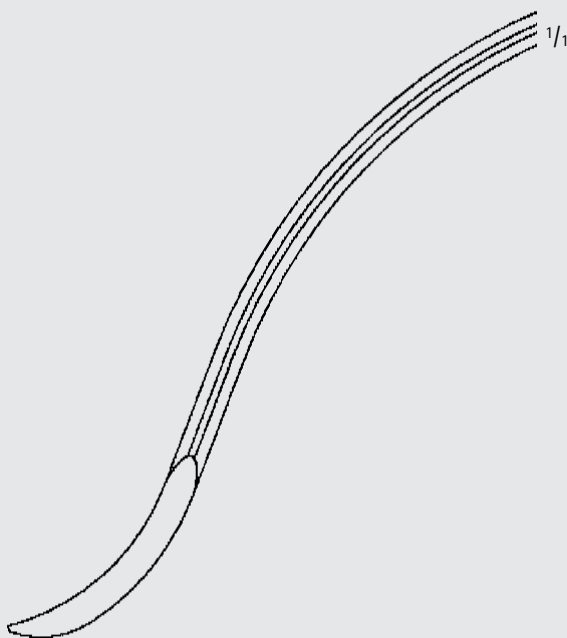
1/1



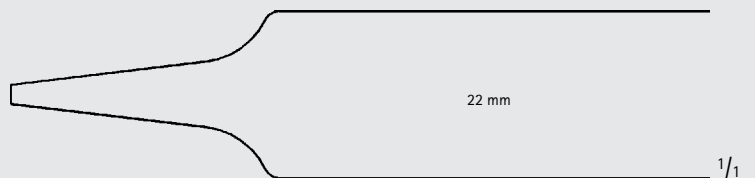
15 mm

1/1

FK186R



1/1



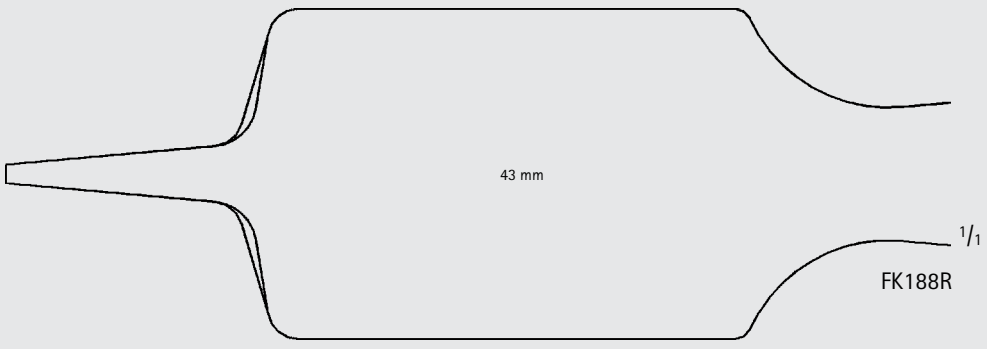
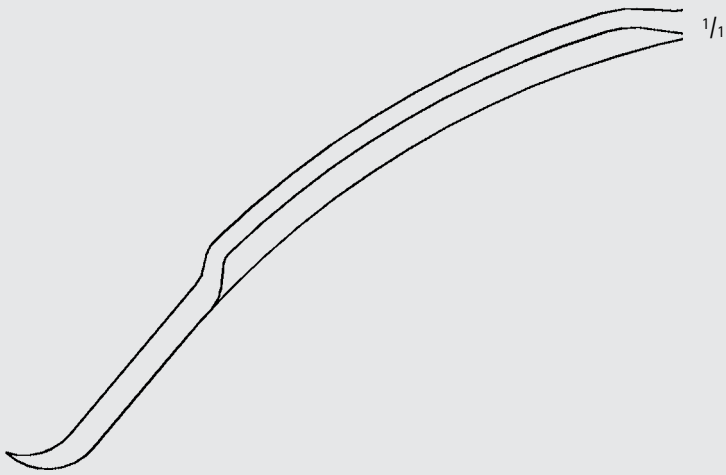
22 mm

1/1

FK187R

HOHMANN Bone Retractor (continued)

Catalog Number	Blade Size (mm)	Length (in.)
FK188R	43	9



Orthopedics/Spine

Retractors

HOHMANN Bone Retractor (continued)

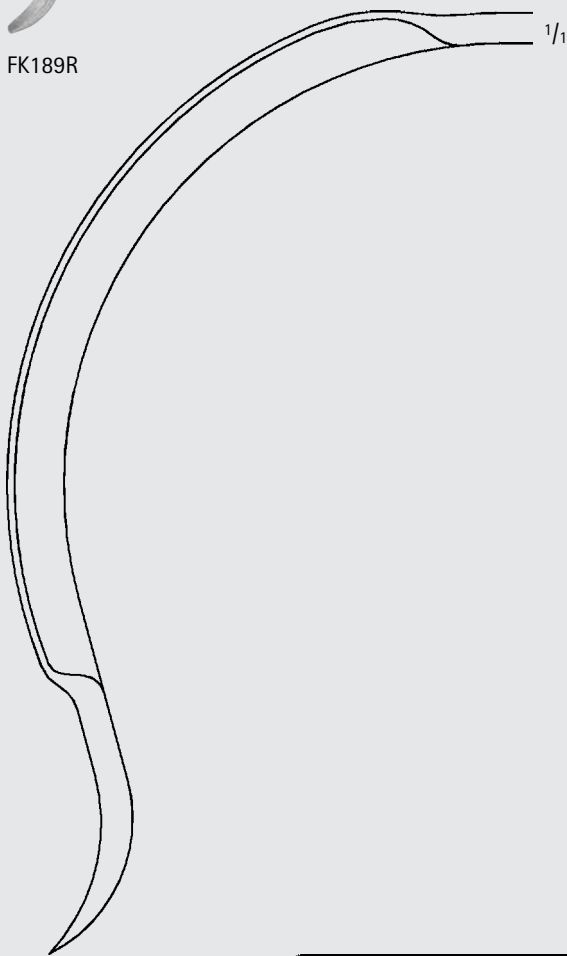
Catalog Number	Blade Size (mm)	Length (in.)
FK189R	40	11 1/2



FK189R

1/1

1/2



1/1

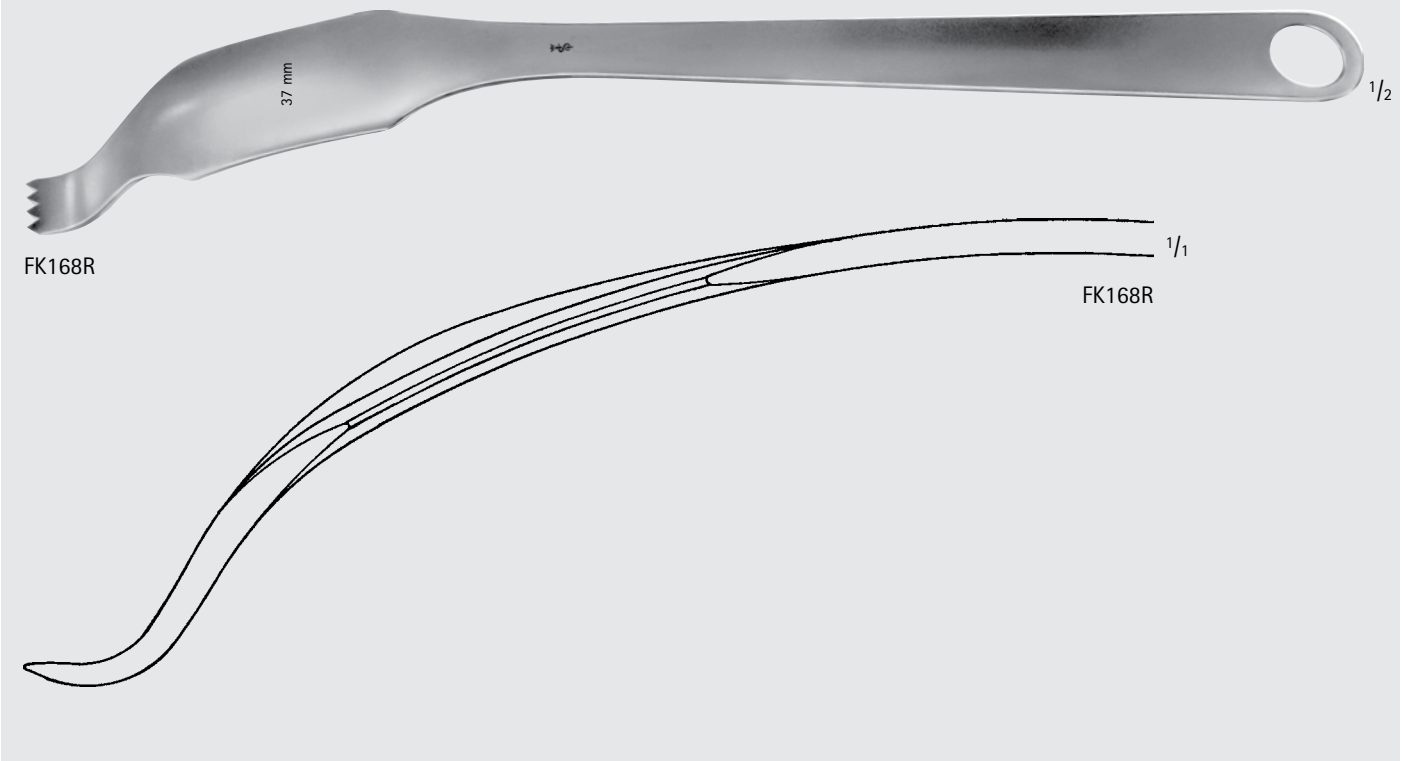
40 mm

FK189R 1/1



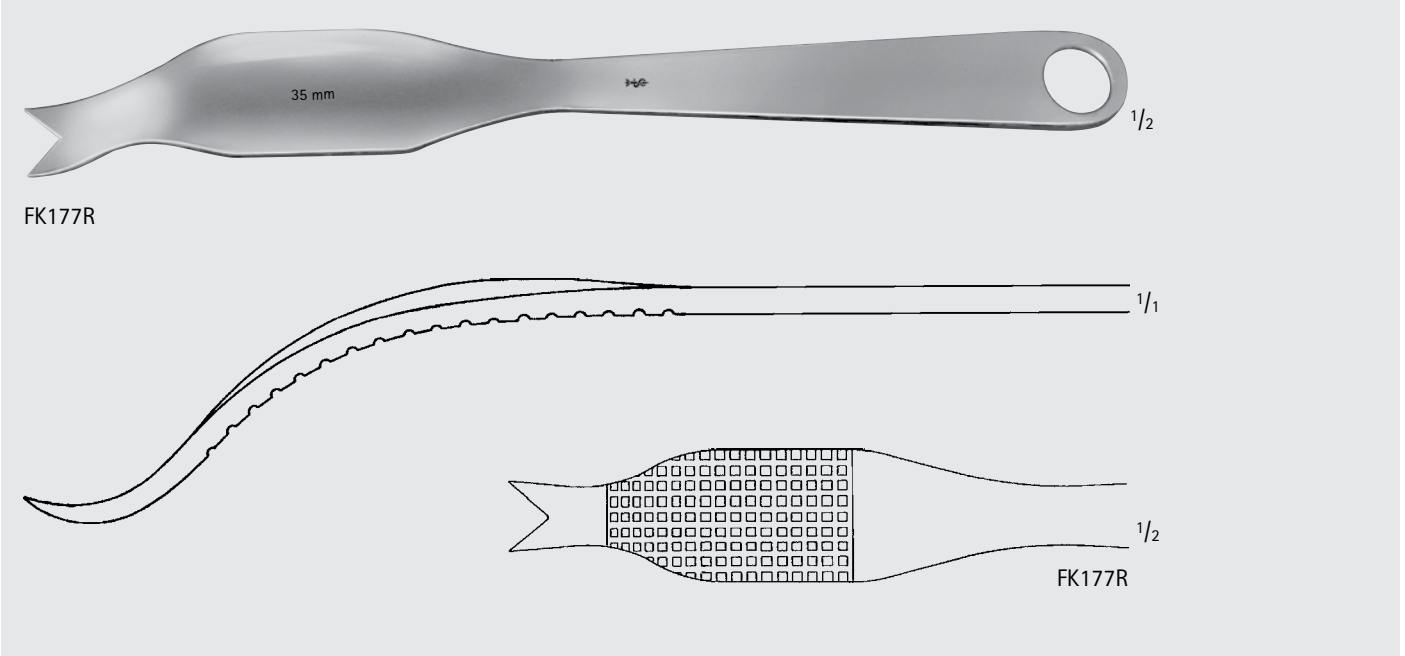
**SCHUMACHER Modified WAGNER
Bone Retractor**

Catalog Number	Blade Size (mm)	Length (in.)
FK168R	37	14



SCHUMACHER Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK177R	35	11 1/2



Orthopedics/Spine

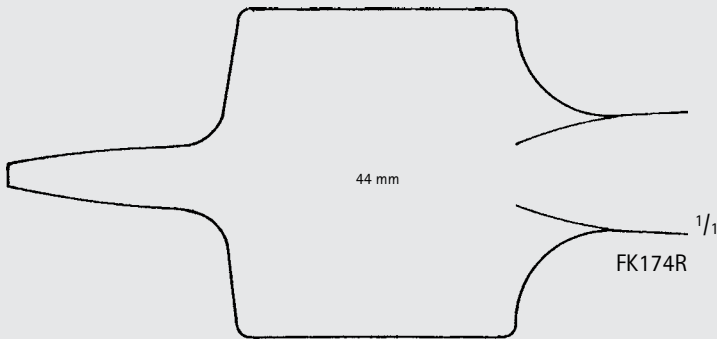
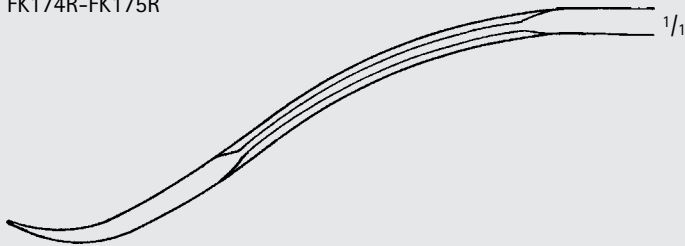
Retractors

VERBRUGGE-MÜLLER Bone Retractor

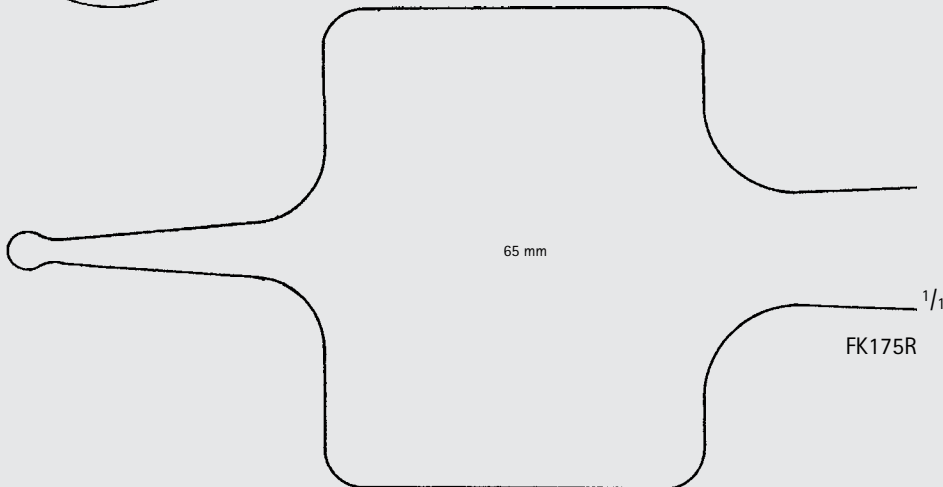
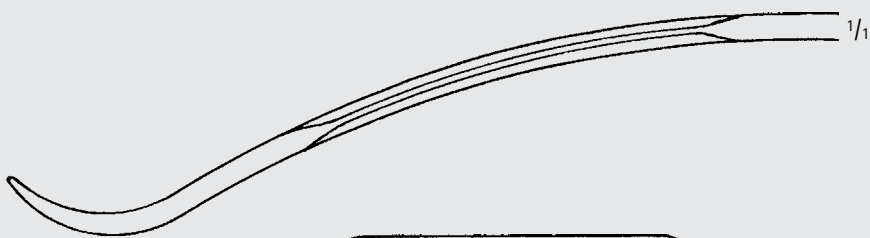
Catalog Number	Blade Size (mm)	Length (in.)
FK174R	44	9 1/2
FK175R	65	10



FK174R-FK175R



FK174R



FK175R

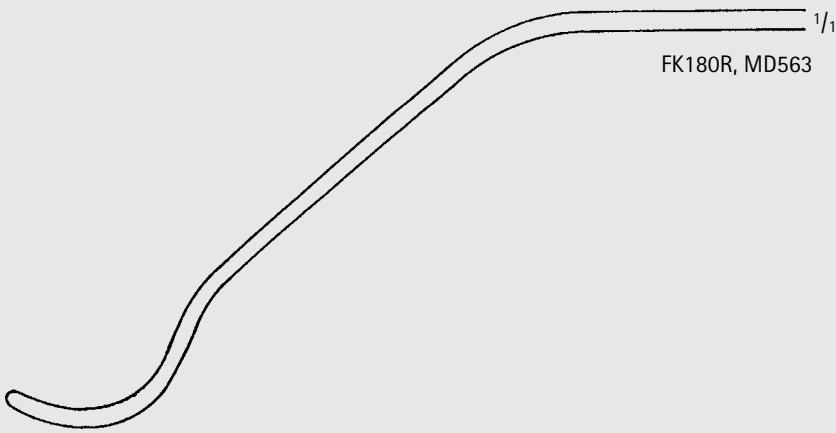


BENNETT Bone Retractor

Catalog Number	Blade Size (mm)	Length (in.)
FK180R	65	9 1/2
MD563	44	9 1/2



FK180R, MD563

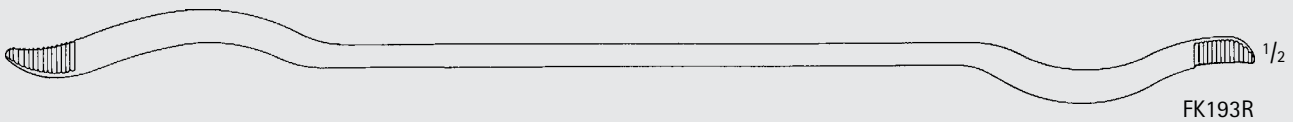


MURPHY-LANE Bone Skid

Catalog Number	Blade Size (mm)	Length (in.)
FK193R	18 / 30	11 3/4



FK193R



Orthopedics/Spine

Retractors

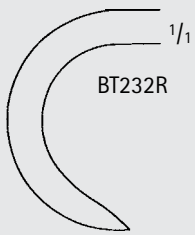


Bone Hook

Catalog Number	Tip	Blade End	Length (in.)
BT232R	SHARP	1 PRONG	9 5/8



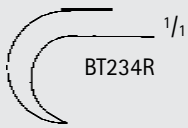
BT232R



BT232R



BT234R



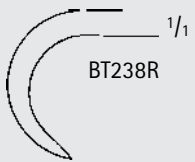
BT234R

KOCHER Bone Hook

Catalog Number	Tip	Blade End	Length (in.)
BT234R	SHARP	1 PRONG	8
BT238R	SHARP	1 PRONG	8 3/4
BT239R	BLUNT	1 PRONG	8 3/4



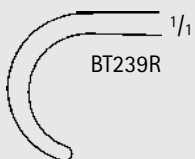
BT238R



BT238R



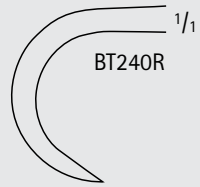
BT239R



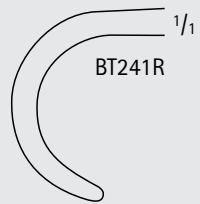
BT239R



BT240R

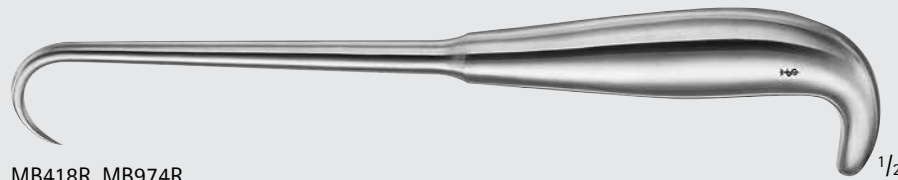


BT241R

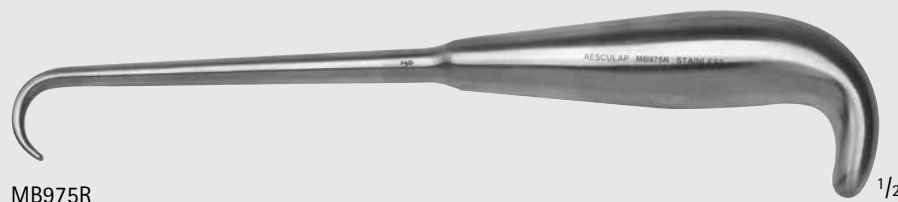


VOLKMANN Bone Hook

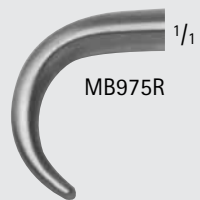
Catalog Number	Tip	Blade End	Length (in.)
BT240R	SHARP	1 PRONG	8 3/4
BT241R	BLUNT	1 PRONG	8 3/4



MB418R, MB974R



MB975R



Bone Hooks

Catalog Number	Tip	Diameter (mm)	Length (in.)
MB974R	SHARP	19	9
MB975R	BLUNT	19	9
MB418R	SHARP	30	9

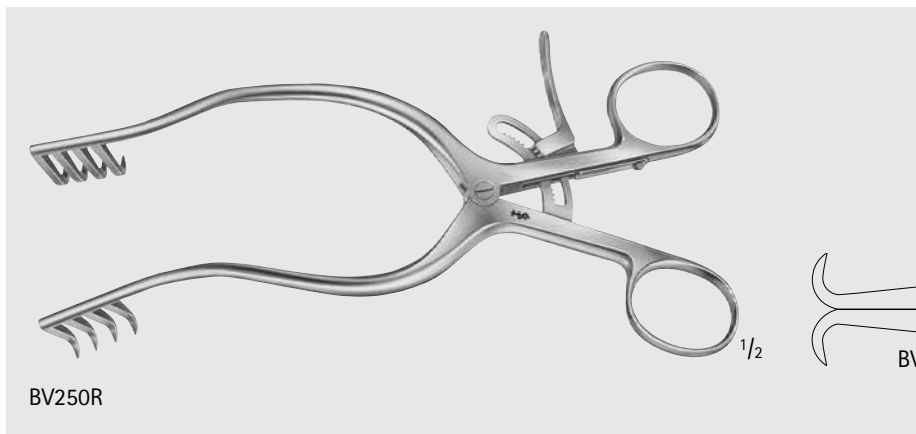


ORTHO
SPINE

INCHES

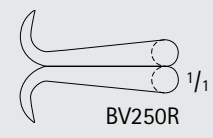
Orthopedics/Spine

Retractors

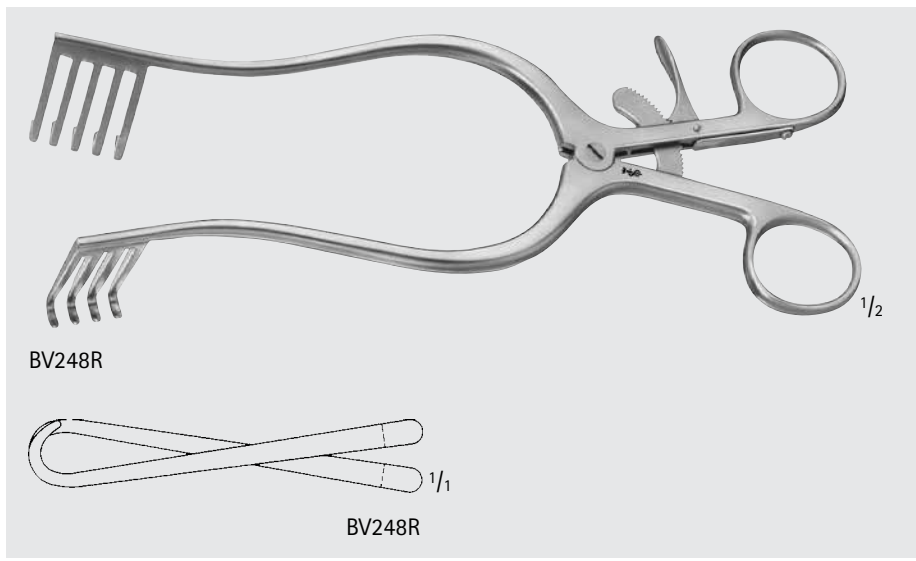


ANDERSON-ADSON Retractor

Catalog Number	Tip	Blade End	Length (in.)
BV250R	SHARP	4 x 4 PRONGS	7 1/2



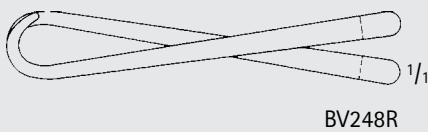
BV250R



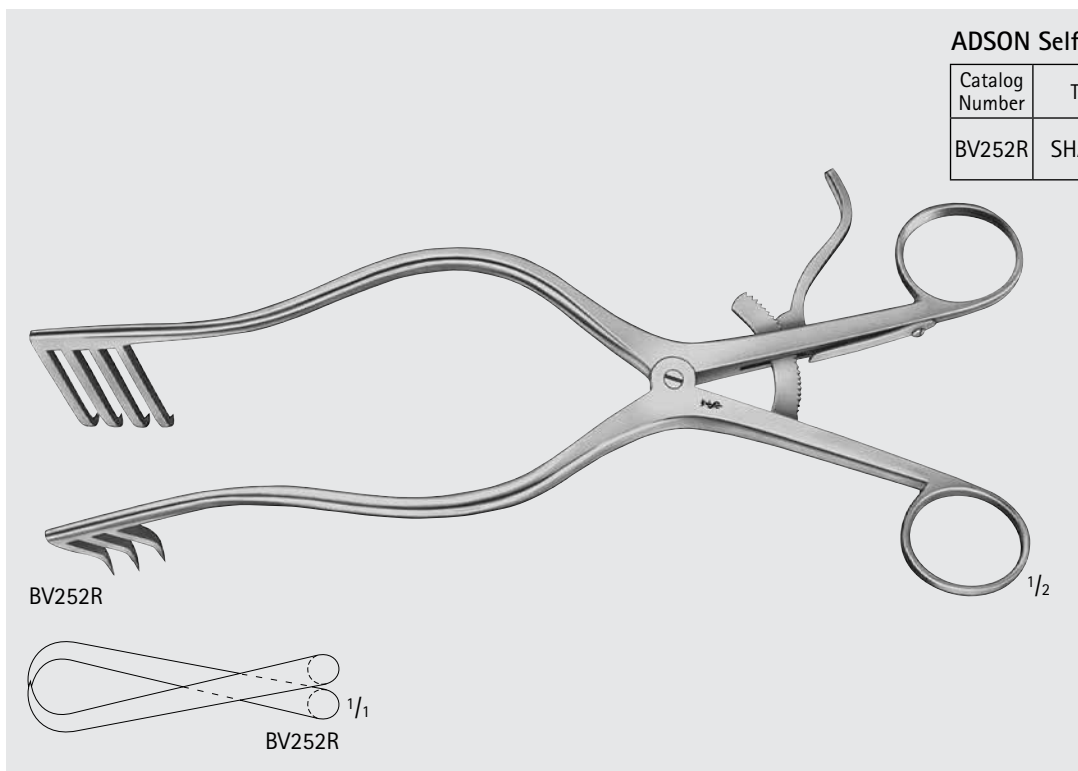
NORFOLK-NORWICH Retractor

Catalog Number	Tip	Blade End	Length (in.)
BV248R	BLUNT	4 x 5 PRONGS	8 3/4

BV248R



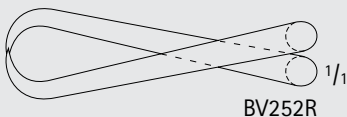
BV248R



ADSON Self Retaining Retractor

Catalog Number	Tip	Blade End	Length (in.)
BV252R	SHARP	3 x 4 PRONGS	10 1/2

BV252R



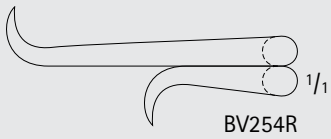
BV252R

Laminectomy Self Retaining Retractor

Catalog Number	Tip	Blade End	Length (in.)
BV254R	SHARP	6 x 6 PRONGS	11



BV254R



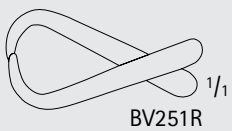
BV254R

ADSON Self Retaining Retractor, Hinged

Catalog Number	Tip	Blade End	Length (in.)
BV251R	SEMI-S	4 x 4 PRONGS	8 1/2



BV251R



BV251R



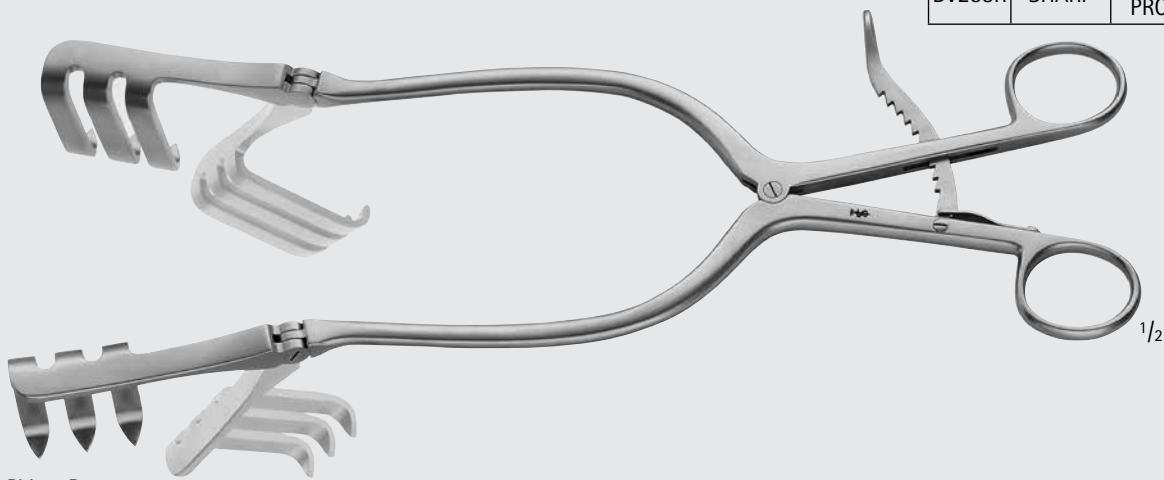
Orthopedics/Spine

Retractors

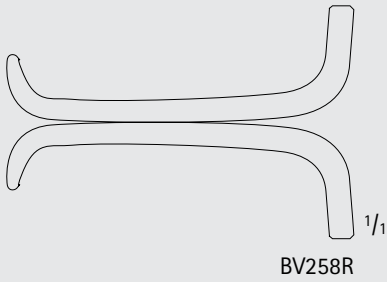


HARVEY-JACKSON Retractor, Hinged

Catalog Number	Tip	Blade End	Length (in.)
BV258R	SHARP	3 x 3 PRONGS	11 3/4



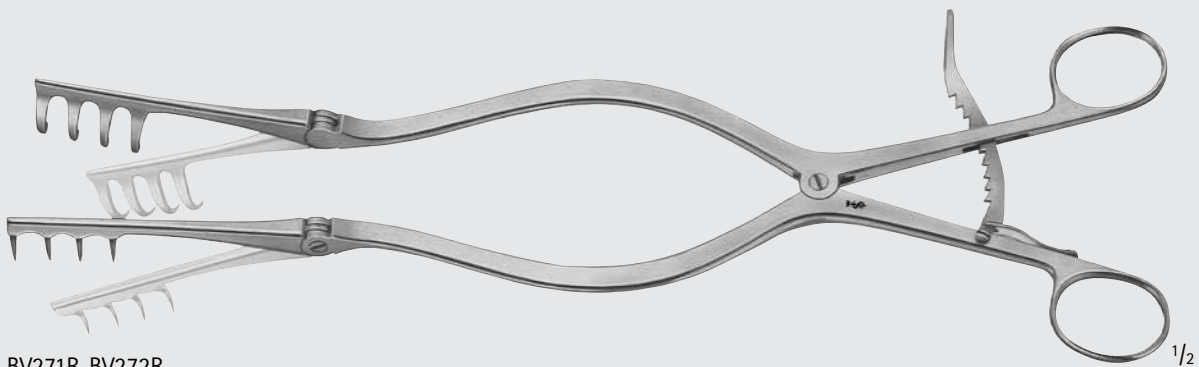
BV258R



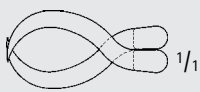
BV258R

BECKMANN-ADSON Retractor, Hinged

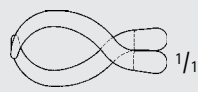
Catalog Number	Tip	Blade End	Length (in.)
BV271R	SEMI-S	4 x 4 PRONGS	12 1/4
BV272R	SHARP	4 x 4 PRONGS	12 1/4



BV271R-BV272R



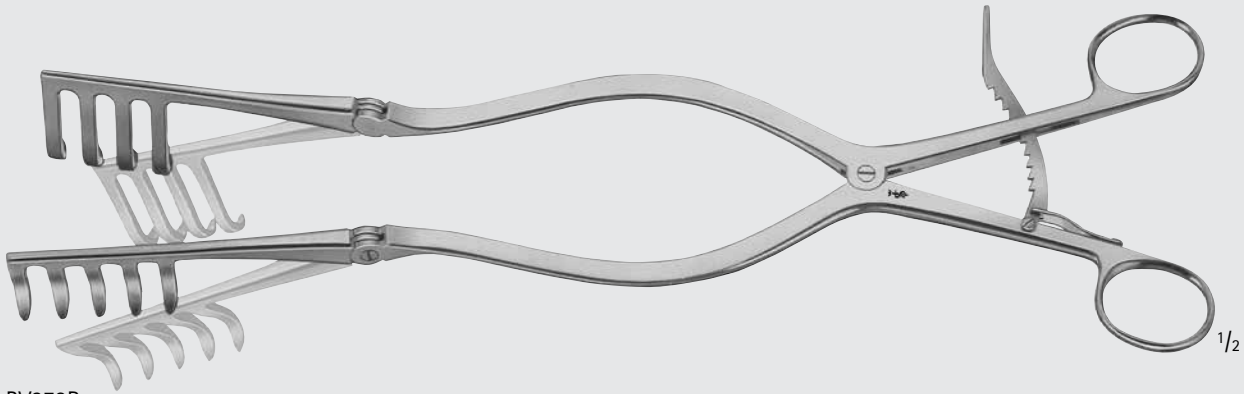
BV271R



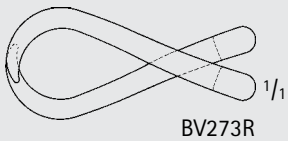
BV272R

ADSON Retractor, Hinged

Catalog Number	Tip	Blade End	Length (in.)
BV273R	SEMI-S	5 x 4 PRONGS	12 1/2



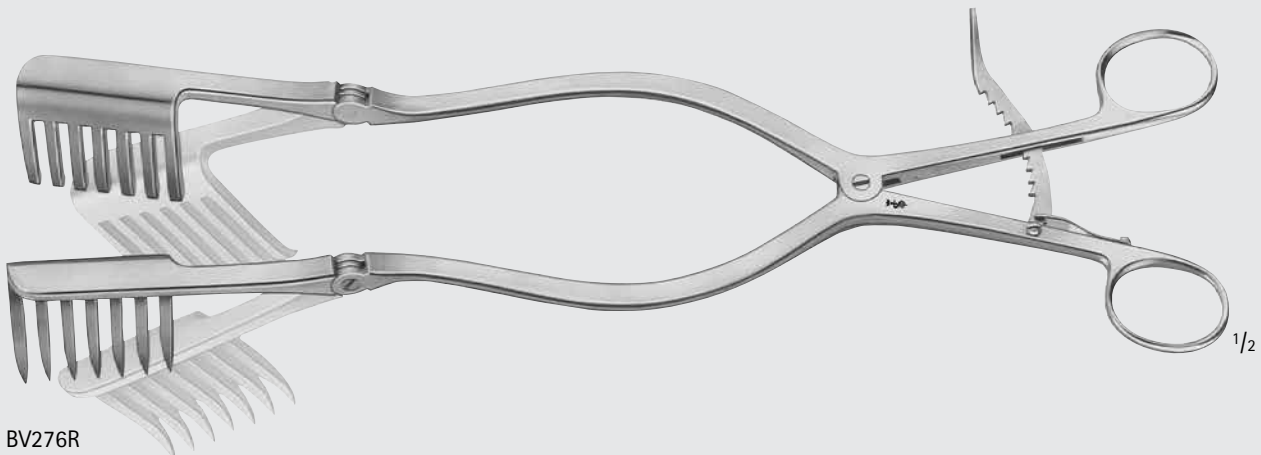
BV273R



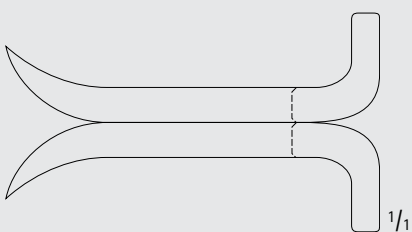
BV273R

BECKMANN Retractor, Hinged

Catalog Number	Tip	Blade End	Length (in.)
BV276R	SHARP	7 x 7 PRONGS	12 1/2



BV276R



BV276R

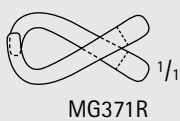
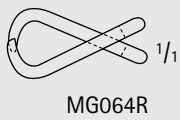
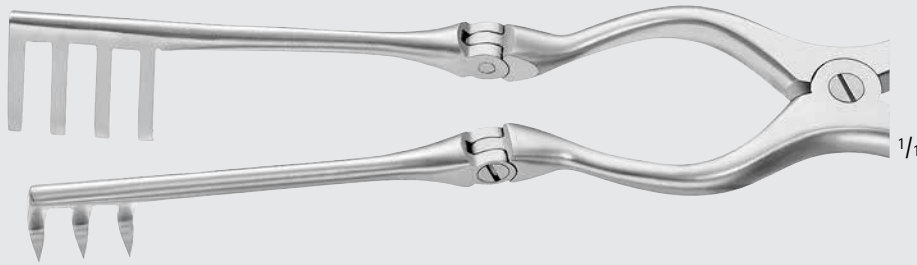
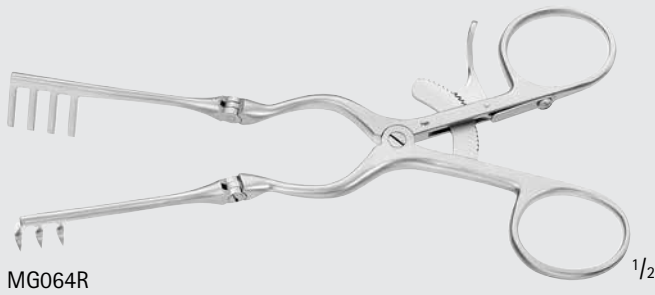


Orthopedics/Spine

Retractors

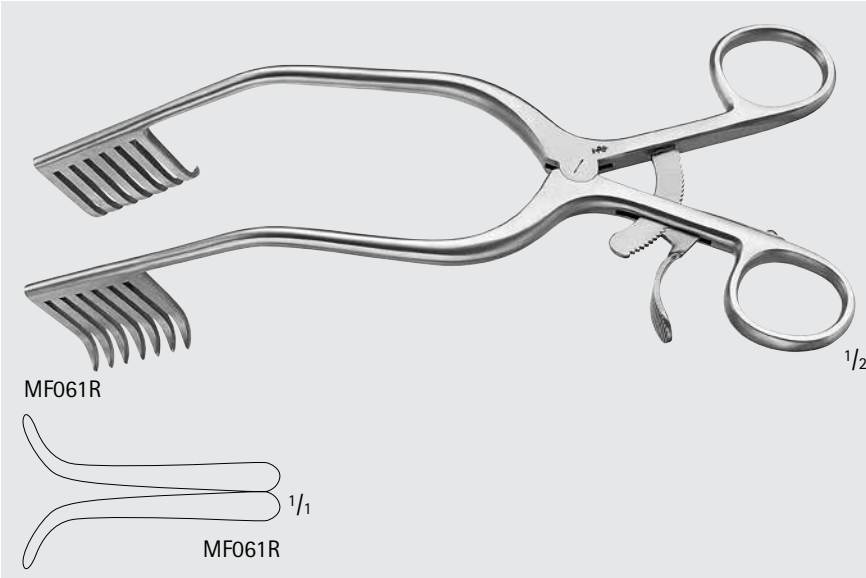
BECKMANN Retractor, Hinged (continued)

Catalog Number	Tip	Blade End	Length (in.)
MG064R	SHARP	3 x 4 PRONGS	6 1/2
MG371R	BLUNT	3 x 4 PRONGS	6 1/4



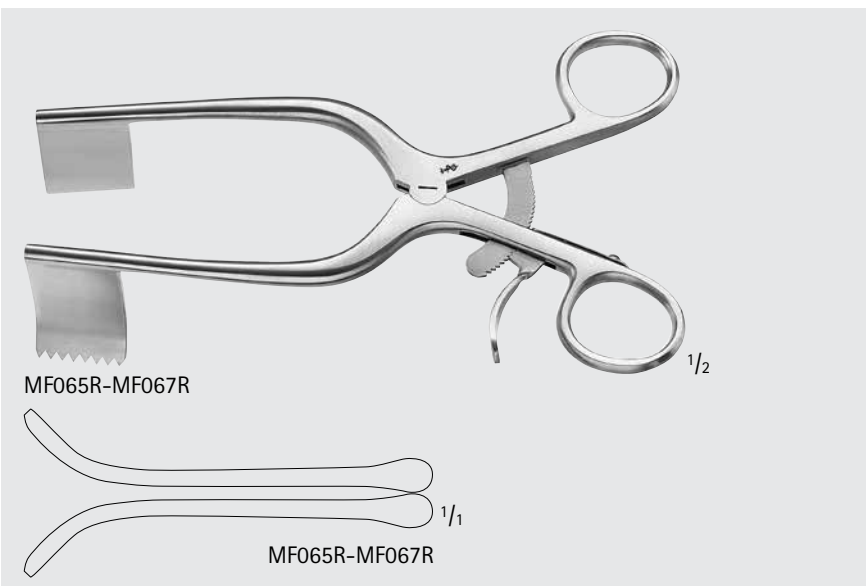
MISKIMON Cerebellum Retractor

Catalog Number	Tip	Blade End	Length (in.)
MF061R	SEMI-S	7 x 7 PRONGS	7 1/2



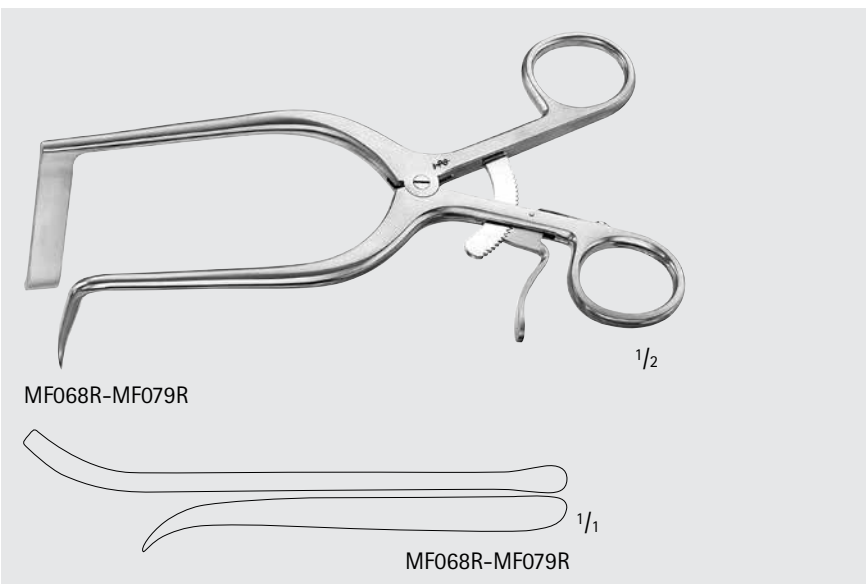
MEYERDING Retractor

Catalog Number	Blade Size (mm)	Length (in.)
MF065R	25 x 57	6 1/2
MF066R	25 x 51	6 1/2
MF067R	25 x 31	6 1/2



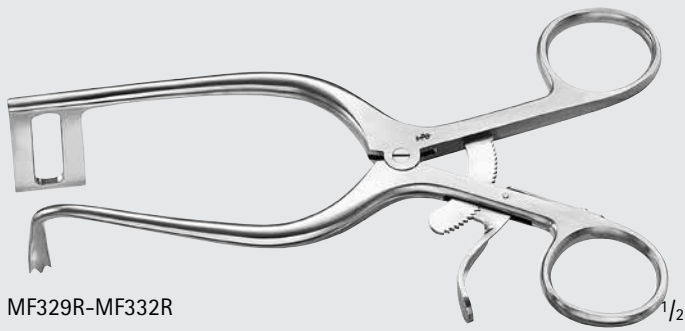
WILLIAMS Retractor

Catalog Number	Tip	Blade Size (mm)	Length (in.)
MF068R	BLADE LEFT	10 x 50	7
MF069R	BLADE RIGHT	10 x 50	7
MF070R	BLADE LEFT	10 x 60	7
MF071R	BLADE RIGHT	10 x 60	7
MF072R	BLADE LEFT	10 x 70	7
MF073R	BLADE RIGHT	10 x 70	7
MF074R	BLADE LEFT	20 x 50	7
MF075R	BLADE RIGHT	20 x 50	7
MF076R	BLADE LEFT	20 x 60	7
MF077R	BLADE RIGHT	20 x 60	7
MF078R	BLADE LEFT	20 x 70	7
MF079R	BLADE RIGHT	20 x 70	7

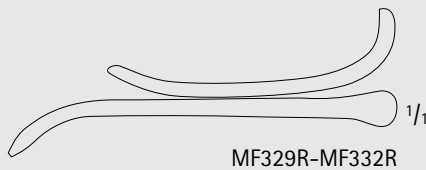


Orthopedics/Spine

Retractors



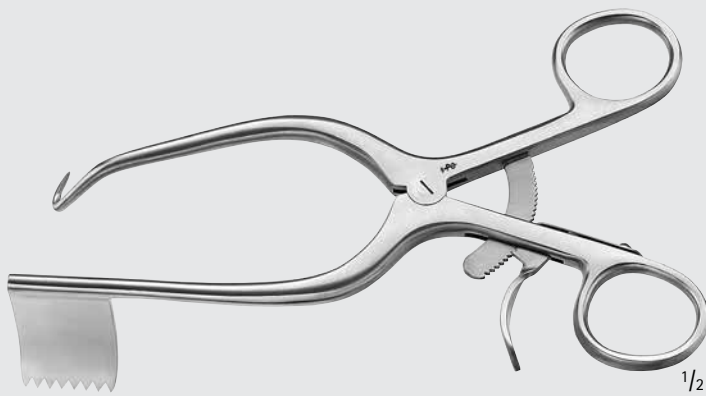
MF329R-MF332R



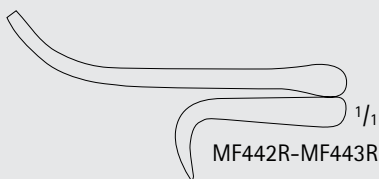
MF329R-MF332R

DUCKER Retractor

Catalog Number	Tip	Blade Size (mm)	Length (in.)
MF329R	HOOK LEFT	50 x 20	6 3/4
MF330R	HOOK RIGHT	50 x 20	6 3/4
MF331R	HOOK LEFT	70 x 20	6 3/4
MF332R	HOOK RIGHT	70 x 20	6 3/4



MF442R-MF443R



MF442R-MF443R

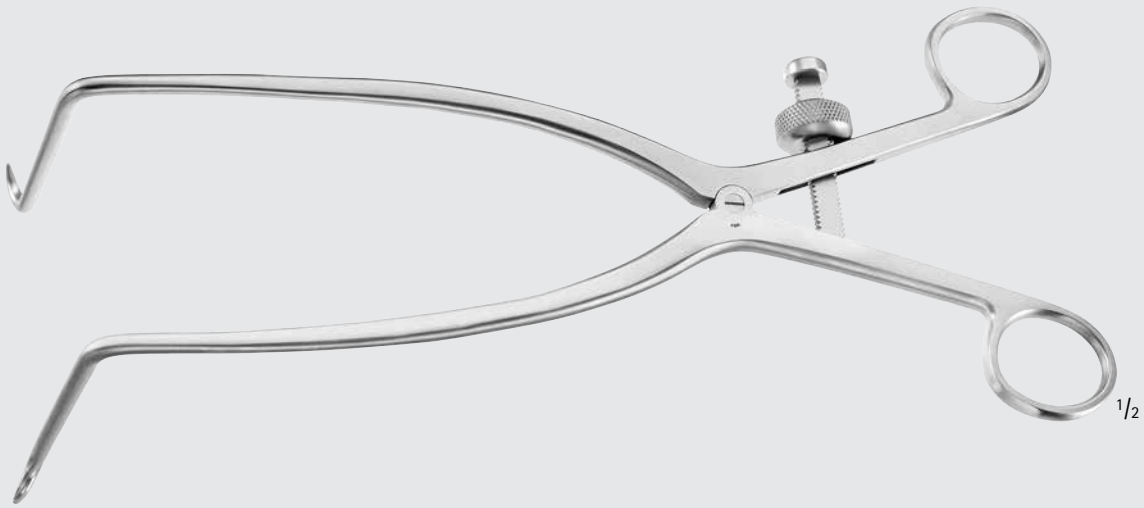
MARKHAM-MEYERDING Retractor

Catalog Number	Tip	Blade Size (mm)	Length (in.)
MF442R	BLADE RIGHT	46 x 26	7 1/2
MF443R	BLADE LEFT	46 x 26	7 1/2

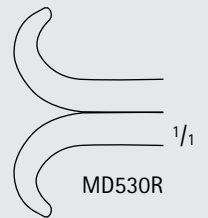
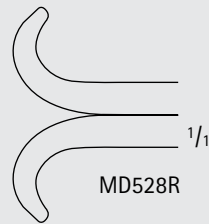
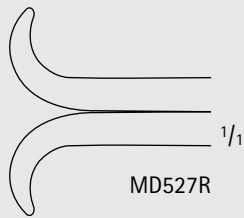
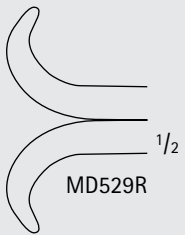


Zelpi-Type Retractor, Deep Blade

Catalog Number	Tip	Depth (in.)
MD529R	ANG 45°	3
MD527R	ANG 90°	3
MD528R	ANG 90°	4
MD530R	ANG 90°	5



MD529R-MD530R



Orthopedics/Spine

Retractors and Spreaders



BV296R

CLOWARD Lamina Spreader

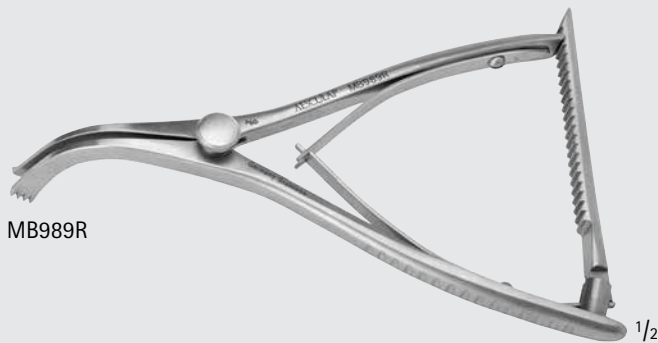
Catalog Number	Tip	Tip Size (mm)	Length (in.)
BV296R	SERR OUTER	5.0	6 1/8



BV299R

CLOWARD Lamina Spreader

Catalog Number	Tip	Tip Size (mm)	Length (in.)
BV299R	SERR	4.5	5 1/4



MB989R

INGE Lamina Spreader

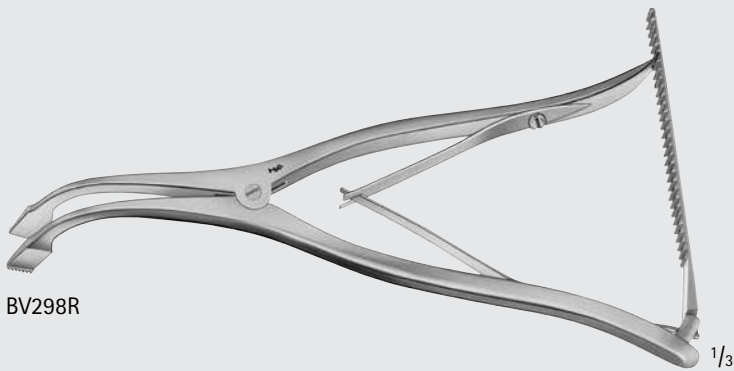
Catalog Number	Tip	Length (in.)
MB989R	TOOTHED	6 1/2





INGE Lamina Spreader

Catalog Number	Tip	Tip Size (mm)	Length (in.)
BV297R	SERR	6.0	6 3/4




INGE Lamina Spreader

Catalog Number	Tip	Tip Size (mm)	Length (in.)
BV298R	TOOTHED	12.0	10 3/4



Orthopedics/Spine

Retractors

Aesculap Ball Snap System on Spreaders and Blades

Advantages:

- Blades are safely locked without additional fixation, preventing them from detaching when the instrument is passed to the surgeon. In addition, the smooth surface minimizes the risk of catching a suture.
- Blades can be quickly exchanged during the operation.
- Different retractor patterns can be combined and exchanged at random, which allows for optimum selection of the blade size according to surgical needs.



155 mm, 6 1/8"

175 mm, 6 7/8"

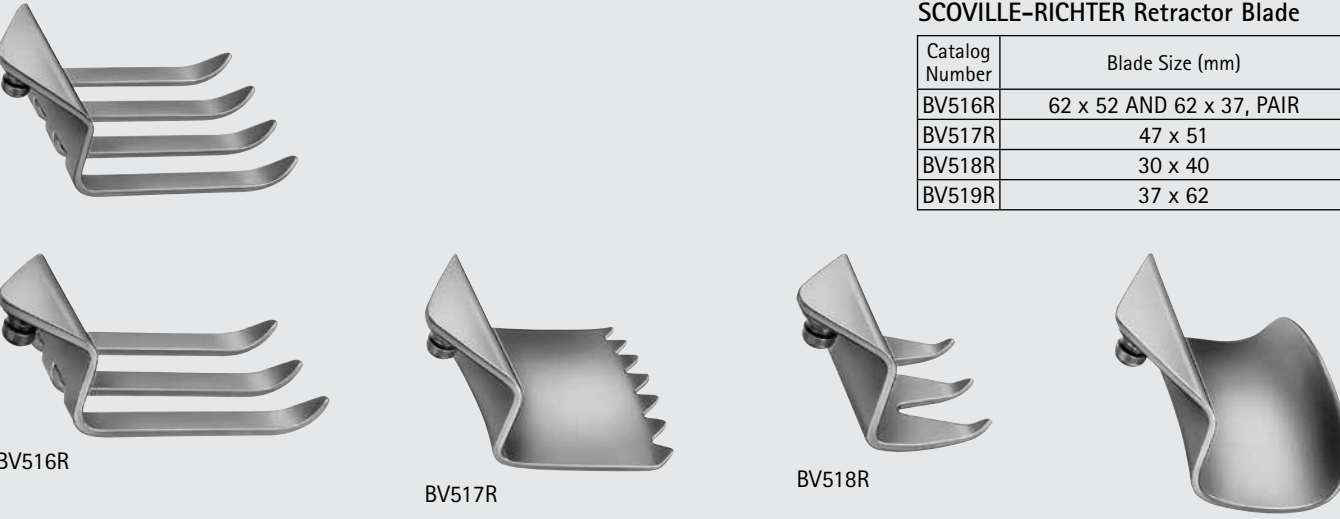
195 mm, 7 3/4"

BV510R

SCOVILLE-RICHTER Laminectomy Retractor, Reversible

Catalog Number	Description
BV510R	COMPLETE

BV510R Includes:
 1 Retractor BV509R and
 1 Pair of blades BV516R
 The retractor bar and shanks rotate 180°



BV516R

BV517R

BV518R

BV519R

SCOVILLE-RICHTER Retractor Blade

Catalog Number	Blade Size (mm)
BV516R	62 x 52 AND 62 x 37, PAIR
BV517R	47 x 51
BV518R	30 x 40
BV519R	37 x 62

- Complete retraction system consisting of a retractor body, various blade configurations, and storage tray. Designed to enable less invasive spine procedures such as discectomies and decompressions.
 - Unique organization system enables easy storage and retrieval of desired blade.
 - Sturdy design provides rigid retraction even at large opening widths.
- All retractor components are titanium. Blade designs improve visualization and intra-operative imaging.

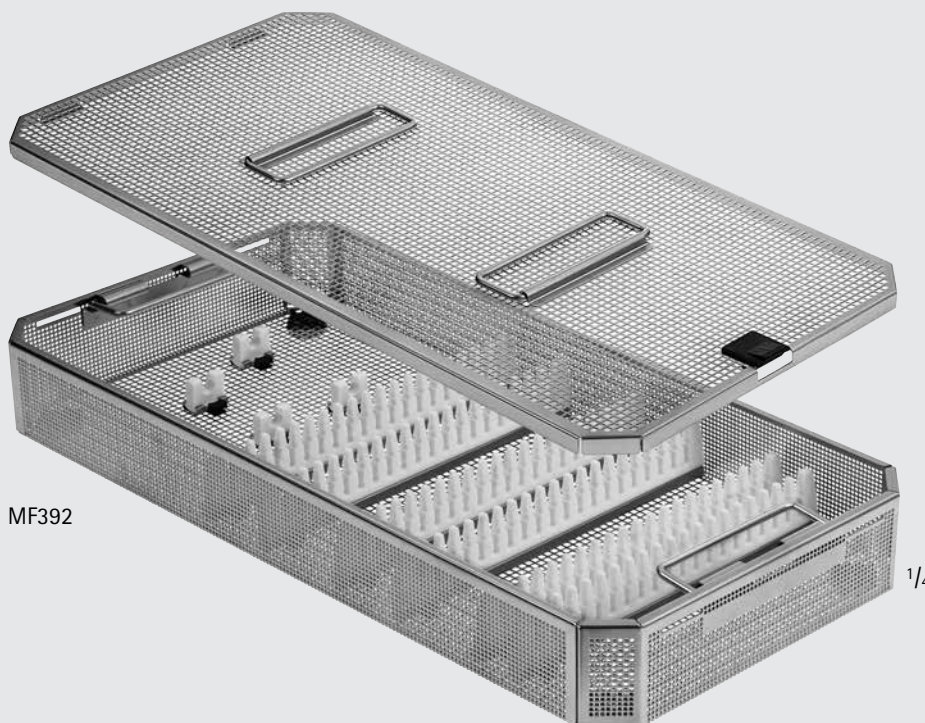
For more information see our brochure number **DOC658**.

MF393 Includes:

- 1 Hinged Titanium Retractor Frame MF365T
- 2 Wide Blades, 40 mm MF368T
- 2 Wide Blades, 50 mm MF369T
- 2 Wide Blades, 60 mm MF370T
- 2 Wide Blades, 70 mm MF371T
- 2 Narrow Blades, 40 mm MF375T
- 2 Narrow Blades, 50 mm MF376T
- 2 Narrow Blades, 60 mm MF377T
- 2 Narrow Blades, 70 mm MF378T
- 1 Storage Tray MF392
- 1 Hook Blade, 30 mm MF381T
- 1 Hook Blade, 40 mm MF382T
- 1 Hook Blade, 50 mm MF383T
- 1 Hook Blade, 60 mm MF384T
- 1 Toothed Blade, 30 mm MF387T
- 1 Toothed Blade, 40 mm MF388T
- 1 Toothed Blade, 50 mm MF389T
- 1 Toothed Blade, 60 mm MF390T

Spine Retractor System

Catalog Number
MF393



Storage Tray for Spine Retractor System

Catalog Number
MF392

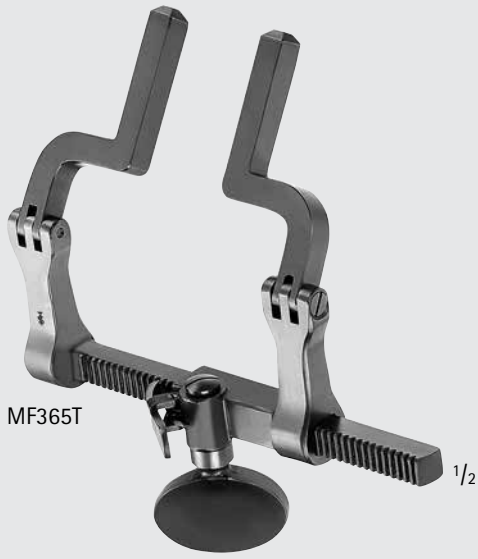
The storage tray will fit into Aesculap's full size container for sterilization.

For more information about Aesculap's SterilContainter System see our brochure number **DOC132**.



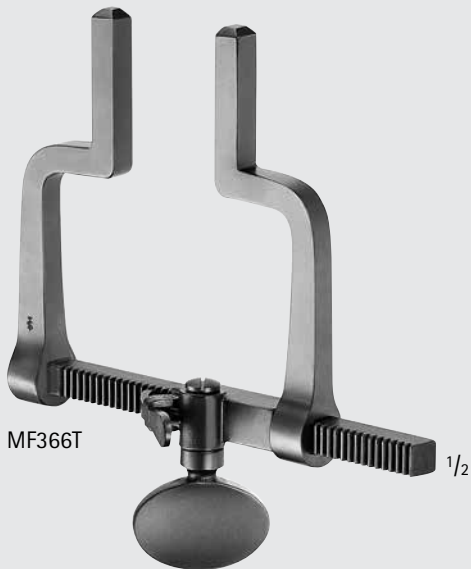
Orthopedics/Spine

Retractors



Titanium Retractor Frame, Hinged

Catalog Number
MF365T



Titanium Retractor Frame, Rigid

Catalog Number
MF366T





MF367T-MF373T

Titanium Retractor Blade, Wide

Catalog Number	Blade Size (mm)
MF367T	27 x 30
MF368T	27 x 40
MF369T	27 x 50
MF370T	27 x 60
MF371T	27 x 70
MF372T	27 x 80
MF373T	27 x 90



MF374T-MF380T

Titanium Retractor Blade, Narrow

Catalog Number	Blade Size (mm)
MF374T	20 x 30
MF375T	20 x 40
MF376T	20 x 50
MF377T	20 x 60
MF378T	20 x 70
MF379T	20 x 80
MF380T	20 x 90



MF381T-MF386T

Titanium Retractor Hook

Catalog Number	Length (mm)
MF381T	30
MF382T	40
MF383T	50
MF384T	60
MF385T	70
MF386T	80



MF387T-MF391T

Titanium Toothed Blades

Catalog Number	Length (mm)
MF387T	30
MF388T	40
MF389T	50
MF390T	60
MF391T	70



ORTHO
SPINE

INCHES

Orthopedics/Spine

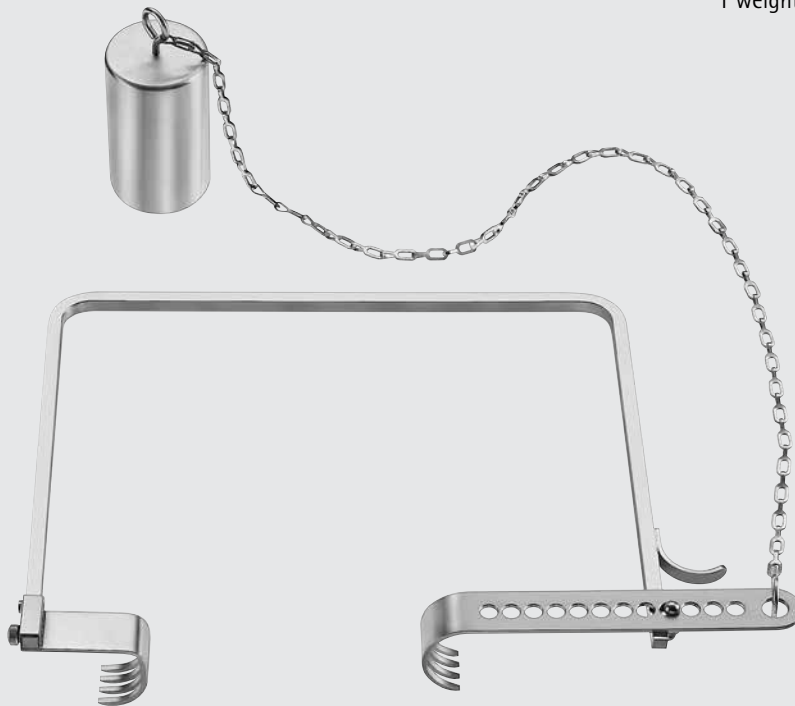
Retractors

CHARNLEY Initial Incision Retractor

Catalog Number	Description	Blade	Size	Blade Size (mm)
MB191R	SET COMPLETE	-	-	-
MB156R	INDIVIDUAL BLADE	SMALL	STANDARD DEPTH	25 x 38
MB177R	INDIVIDUAL BLADE	SMALL	MEDIUM DEPTH	25 x 75
MB192R	INDIVIDUAL BLADE	SMALL	LONG DEPTH	25 x 127
MB157R	INDIVIDUAL BLADE	LARGE	STANDARD DEPTH	25 x 44
MB178R	INDIVIDUAL BLADE	LARGE	MEDIUM DEPTH	25 x 75
MB193R	INDIVIDUAL BLADE	LARGE	LONG DEPTH	25 x 127
MG081R	WEIGHT AND CHAIN REPLACEMENT FOR MB191R	-	-	-

MB191R includes:

- 1 frame
- 1 small retractor blade (MB156R)
- 1 large retractor blade (MB157R)
- 1 weight w/ chain (3 lbs.)



MB191R-MG081R





FK507R

Bone File/Rasp

Catalog Number	Tip Size (mm)	Length (in.)
FK507R	20	8 3/4

One Side File Cut
One Side Rasp Cut



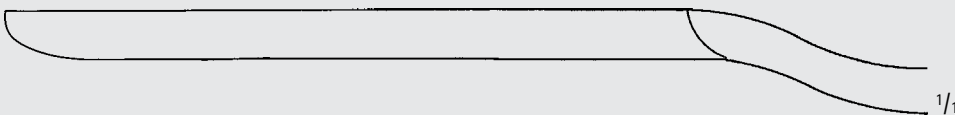
FK507R

Bone File

Catalog Number	Tip Size (mm)	Length (in.)
FK511R	13	9 1/2
FK510R	20	11 5/8



FK511R



FK511R



FK510R



Orthopedics/Spine

Rasps



OL423R-OL429R

DUROGRIP™ TC FOMON Rasp, Double Ended

Catalog Number	Size	Teeth	Length (in.)
OL423R	3 + 4	16/20	8 1/4
OL425R	5 + 6	24/30	8 1/4
OL427R	7 + 8	36/44	8 1/4
OL429R	9 + 10	52/44	8 1/4



1/1

3



1/1

OL423R



1/1

5



1/1

OL425R



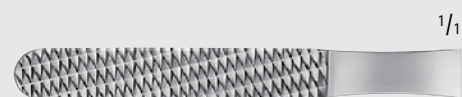
1/1

7



1/1

OL427R



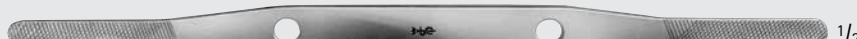
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9



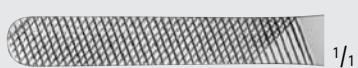
1/1

OL429R

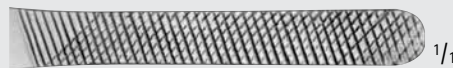


OL405R

1/2



1/1



1/1

OL405R



OL406R

1/2



1/1



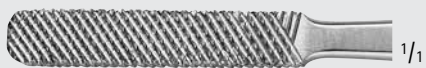
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OL406R

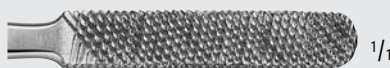


MG584R

1/2



1/1



1/1

MG584R



MA418R

1/2



1/1



1/1

MA418R

FOMON Bone Rasp, Double Ended

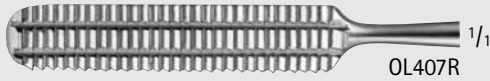
Catalog Number	Tip Size (mm)	Tip	Length (in.)
OL405R	6.5 / 7.5	X-SERR Fine/Coarse	8 1/2
OL406R	6.5 / 7.5	Fine/Coarse	8 1/2
MG584R	8/8	FLAT, CONVEX FINE, COARSE	8 1/2
MA418R	7.5 / 7.5	Coarse/ Xtra-Coarse	8 3/8





OL407R

1/2



OL407R

1/1



MA419R

1/1



MA420R

1/1

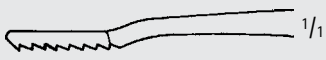
MALTZ Bone Rasp

Catalog Number	Tip Size (mm)	Tip	Length (in.)
OL407R	9	DOWN-STROKE	6 1/2
MA419R	33	DOWN-STROKE	6 1/2
MA420R	33	UP STROKE	6 1/2



OL408R-OL409R

1/2



1/1



OL408R

1/1



OL409R

1/1

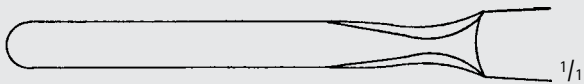
LEWIS Bone Rasp

Catalog Number	Tip	Tip Size (mm)	Length (in.)
OL408R	FINE-SERR DOWN-STROKE	8	6 7/8
OL409R	COARSE-SERR DOWN-STROKE	8	6 7/8

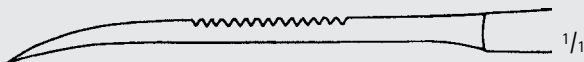


FK301R-FK302R

1/2

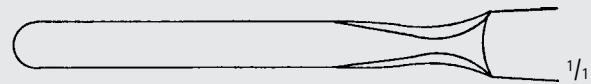


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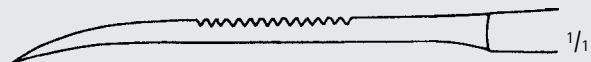


1/1

FK301R



1/1



1/1

FK302R

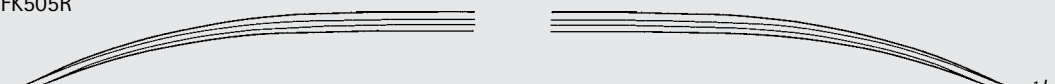
Bone Raspatory

Catalog Number	Blade Size (mm)	Length (in.)
FK301R	6	6 1/2
FK302R	8	6 1/2



1/2

FK505R



1/1

FK505R

PUTTI Bone File, Double Ended

Catalog Number	Tip Size (mm)	Length (in.)
FK505R	18/20	10 5/8



ORTHO SPINE

INCHES

Orthopedics/Spine

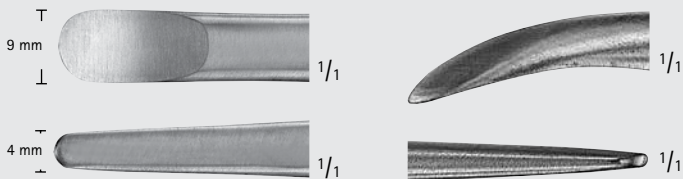
Elevators and Bone Levers



MB816R-MB817R

SAYRE Periosteal Elevator

Catalog Number	Tip	Length (in.)
MB816R	SHARP	6 3/4
MB817R	BLUNT	6 3/4



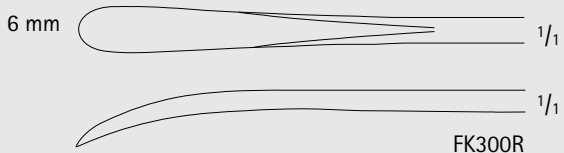
MB816R-MB817R



FK300R

WILLIGER Bone Elevator

Catalog Number	Blade Size (mm)	Length (in.)
FK300R	6	6 1/4



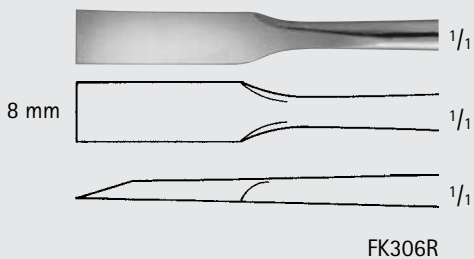
FK300R



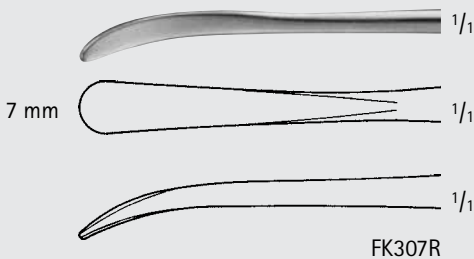
FK306R-FK309R

ADSON Elevator

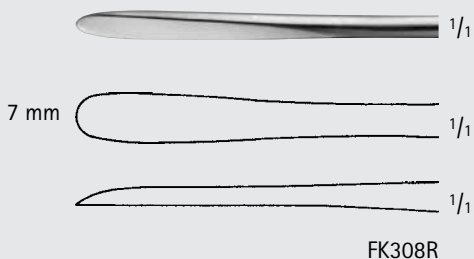
Catalog Number	Tip	Blade Size (mm)	Blade	Length (in.)
FK306R	SHARP	8	STR	6 3/4
FK308R	SEMI-S	7	STR	6 3/4
FK307R	BLUNT	7	CVD	6 3/4
FK309R	SHARP	7	CVD	6 3/4



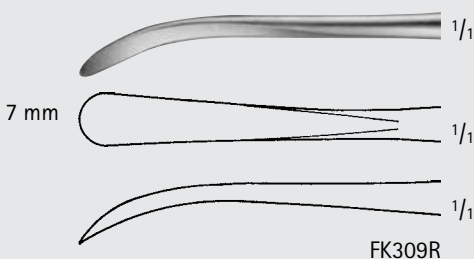
FK306R



FK307R



FK308R



FK309R



MCGLAMRY Metatarsal Elevators

Catalog Number	Blade Size (mm)	Length (in.)
MB978R	11	6 1/2
MB979R	13	6 1/2
MB980R	15	6 1/2
MB981R	17	6 1/2



MB978R-MB981R

1/2



1/1



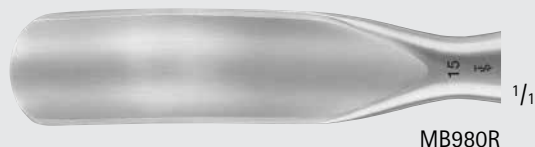
MB978R

1/1



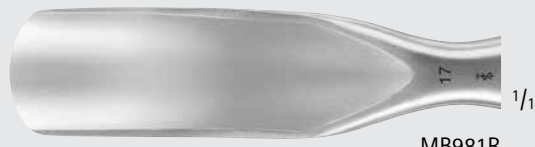
MB979R

1/1



MB980R

1/1



MB981R

1/1



Orthopedics/Spine

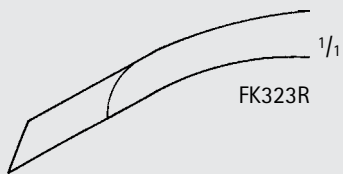
Elevators and Bone Levers



FK323R



13 mm



FK323R

Elevator W/ PEEK Handle

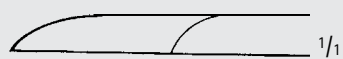
Catalog Number	Tip	Blade Size (mm)	Blade	Length (in.)
FK323R	SHARP	13	CVD	6 7/8



FK324R



14 mm



FK324R

Elevator W/ PEEK Handle

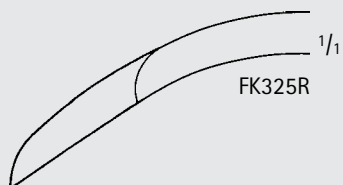
Catalog Number	Tip	Blade Size (mm)	Blade	Length (in.)
FK324R	SHARP	14	STR	7 1/2



FK325R



14 mm



FK325R

Elevator W/ PEEK Handle

Catalog Number	Tip	Blade Size (mm)	Blade	Length (in.)
FK325R	SHARP	14	CVD	7

LANGENBECK Periosteal Elevator

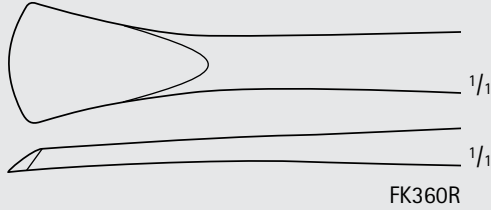
Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK360R	16	STR	7 1/2
MB279R	17	STR	7 3/4



FK360R

1/2

16 mm



1/1

1/1

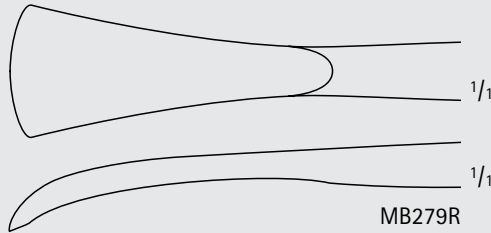
FK360R



MB279R

1/2

17 mm



1/1

1/1

MB279R

SEDILLOT Elevator

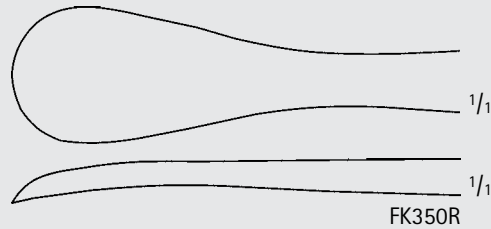
Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK350R	18	STR	7 1/4
FK351R	15	CVD	8 1/2



FK350R

1/2

18 mm



1/1

1/1

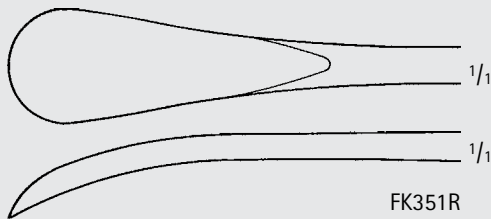
FK350R



FK351R

1/2

15 mm



1/1

1/1

FK351R

KEY Periosteal Elevator

Catalog Number	Blade Size (mm)	Length (in.)
MB536R	3.1	6 3/4



MB536R

1/2



1/1

1/1

MB536R



ORTHO
SPINE

INCHES

Orthopedics/Spine

Elevators and Bone Levers



FK410R-FK414R

KEY Elevator

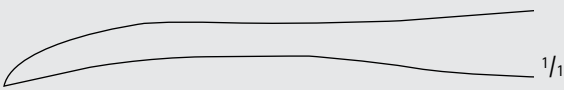
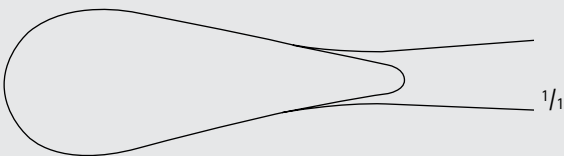
Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK410R	6.4	STR	7
FK411R	9.5	STR	7 1/2
FK412R	12.7	STR	7 1/2
FK413R	19	STR	7 7/8
FK414R	25.4	STR	8 1/4



MG024R

COBB Elevator, Round

Catalog Number	Blade Size (mm)	Blade	Length (in.)
MG024R	19	CVD	9 1/2



MG024R



COBB Elevator, Sharp

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK146R	10	CVD	11
FK147R	13	CVD	11
FK148R	19	CVD	11



FK146R-FK148R



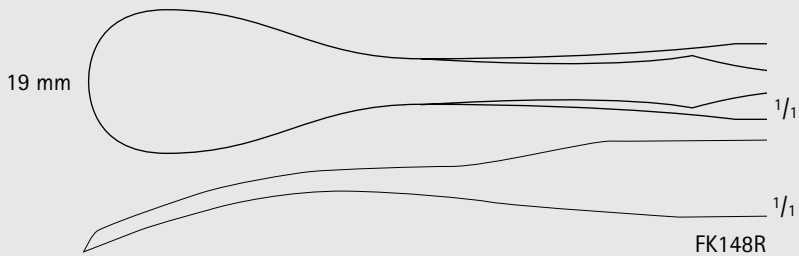
10 mm

FK146R



13 mm

FK147R



19 mm

FK148R

COBB Periosteal Elevator, Round

Catalog Number	Blade Size (mm)	Blade	Length (in.)
MB518R	7	CVD	12



MB518R



7 mm

1/1



1/16

MB518R



INCHES

Orthopedics/Spine

Elevators and Bone Levers

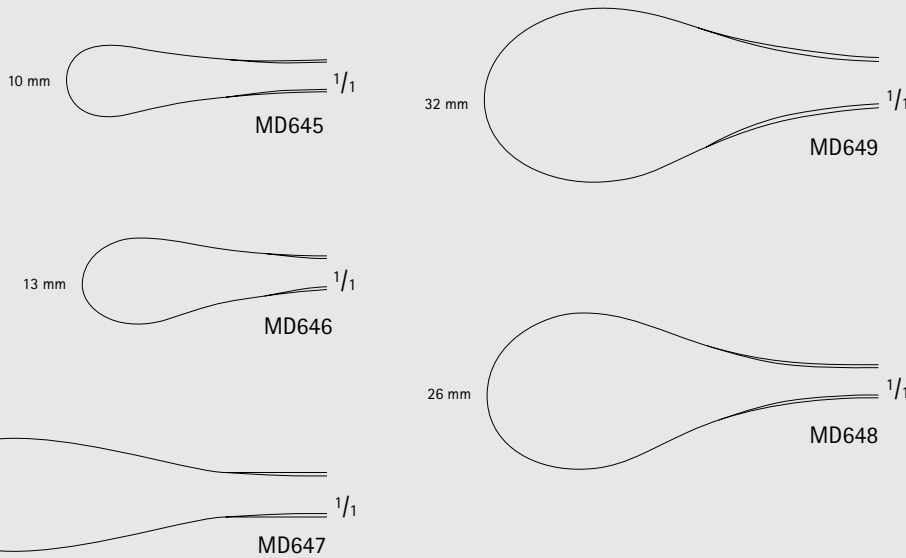


COBB Elevator

Catalog Number	Blade Size (mm)	Blade	Length (in.)
MD645	10	ROUND	11
MD646	13	ROUND	11
MD647	19	ROUND	11
MD648	26	ROUND	11
MD649	32	ROUND	11



MD645-MD649



Elevator W/ PEEK Handle

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK348R	20	CVD	11 1/2



FK348R



FK348R

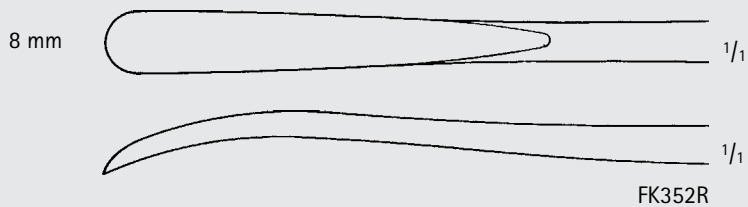
WAGNER Elevator W/ PEEK Handle

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK352R	8	CVD	13
FK353R	17	CVD	13



FK352R-FK353R

1/2



FK352R



FK353R



Orthopedics/Spine

Elevators and Bone Levers

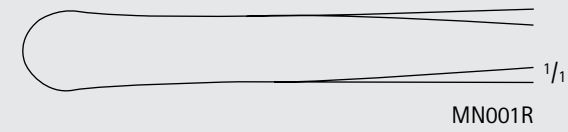


MN001R-MN006R

1/3

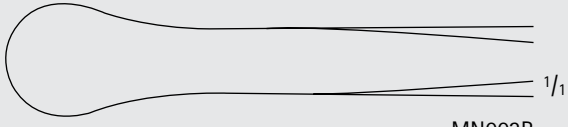
Black Handled Elevator

Catalog Number	Tip Size (mm)	Handle	Length (in.)
MN001R	10	8 1/2	13 1/4
MN002R	15	8 1/2	13 1/4
MN003R	20	8 1/2	13 1/4
MN004R	25	8 1/2	13 1/4
MN005R	30	8 1/2	13 1/4
MN006R	35	8 1/2	13 1/4
MN007R	9	9	15
MN008R	13	9	15
MN009R	19	9	15
MN010R	25	9	15
MN011R	32	9	15



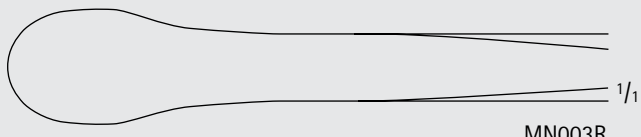
MN001R

1/1



MN002R

1/1



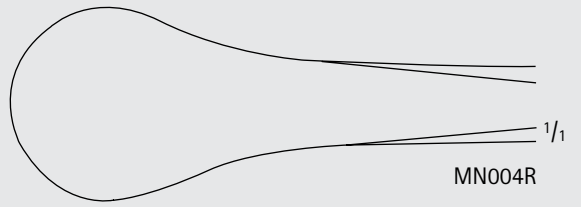
MN003R

1/1



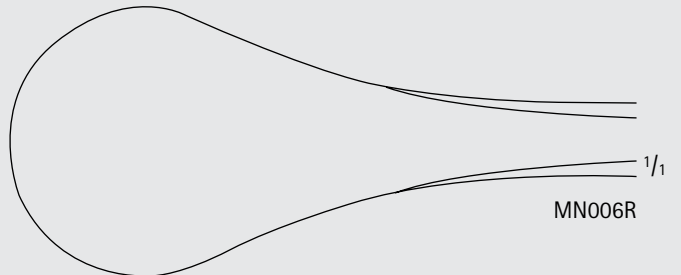
MN005R

1/1



MN004R

1/1



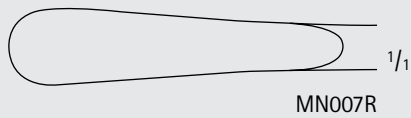
MN006R

1/1



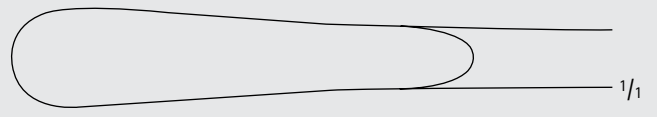
MN007R-MN011R

1/3



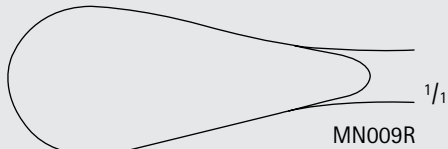
MN007R

1/1



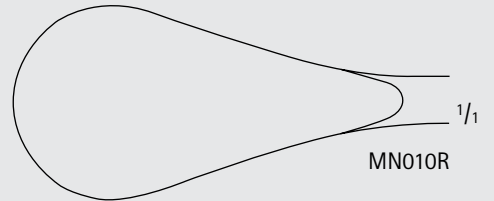
MN008R

1/1



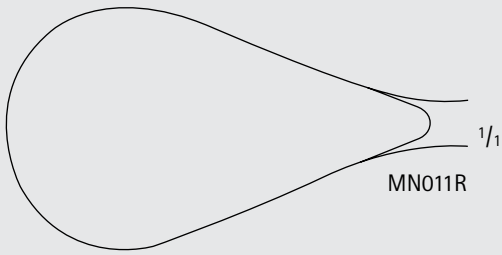
MN009R

1/1



MN010R

1/1



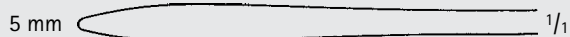
MN011R

1/1



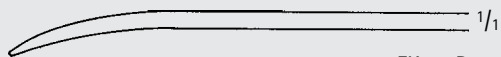
FK120R

1/2



5 mm

1/1



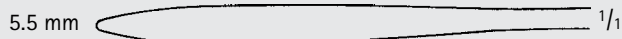
1/1

FK120R



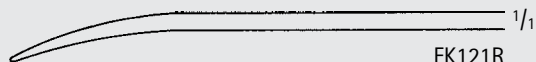
FK121R

1/2



5.5 mm

1/1



1/1

FK121R

WILLIGER Elevator

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK120R	5	CVD	6 1/2
FK121R	5.5	CVD	6 3/4



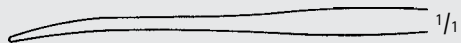
FK124R

1/2



5 mm

1/1



1/1

FK124R

SEBILEAU Elevator

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK124R	5	CVD	6 7/8



ORTHO
SPINE

INCHES

Orthopedics/Spine

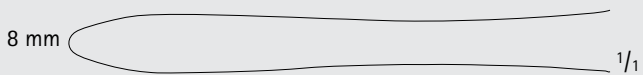
Elevators and Bone Levers



FK130R-FK131R

LANGENBECK Elevator

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK130R	8	CVD	7 3/4
FK131R	10	CVD	7 3/4
FK139R	11	CVD	9



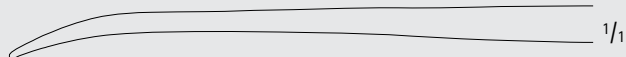
8 mm

1/1



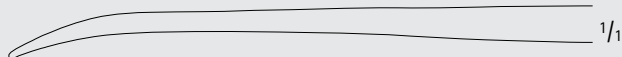
10 mm

1/1



1/1

FK130R



1/1

FK131R

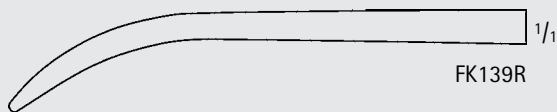


FK139R



11 mm

1/1

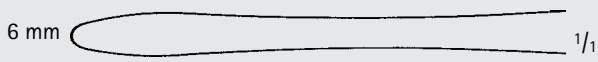


1/1

FK139R

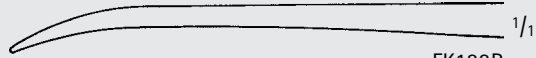


FK133R



6 mm

1/1



1/1

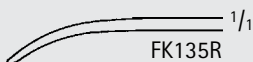
FK133R

QUERVAIN Elevator, Joker

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK133R	6	CVD	7 3/4



FK135R



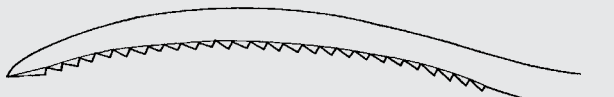
FK135R

LANE TRETHOWAN Bone Lever

Catalog Number	Blade	Length (in.)
FK135R	CVD	8 1/2



FK136R



1/1

FK136R

LANE Bone Lever

Catalog Number	Blade	Length (in.)
FK136R	CVD	10





MB818R-MB820R



6.5 mm

1/1



MB818R



7.1 mm

1/1



MB819R



14.6 mm

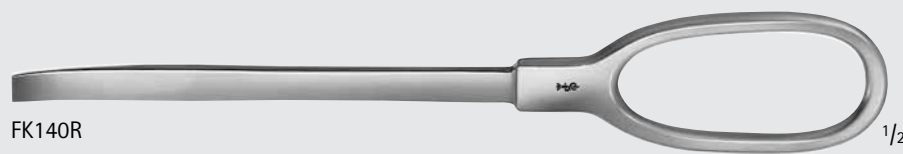
1/1



MB820R

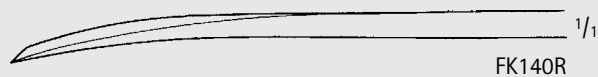
CREGO Elevator

Catalog Number	Tip	Blade Size (mm)	Blade	Length (in.)
MB818R	BLUNT	6.5	CVD	8
MB819R	BLUNT	7.1	CVD	8
MB820R	BLUNT	14.6	CVD	8



FK140R

1/2



FK140R

BRISTOW Bone Lever

Catalog Number	Length (in.)
FK140R	5 3/4



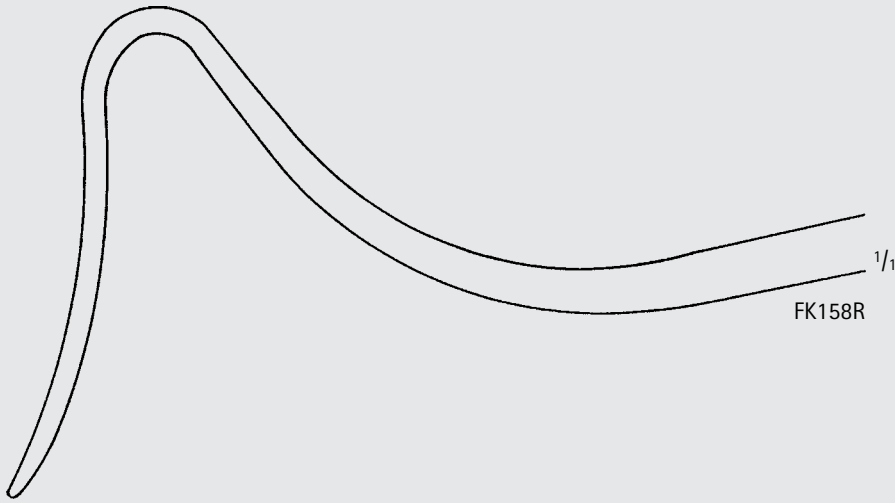
INCHES

Orthopedics/Spine

Elevators and Bone Levers



FK158R



FK158R

TAEGER Bone Lever F/ Angle Joint Operations

Catalog Number	Blade Size (mm)	Blade	Length (in.)
FK158R	12	CVD	6 7/8

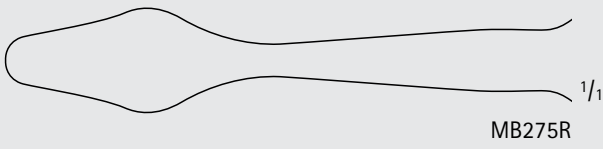


CHANDLER Bone Elevator

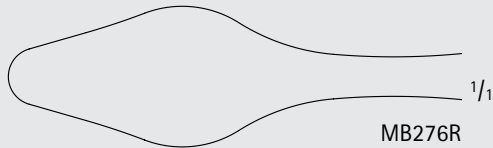
Catalog Number	Blade Size (mm)	Blade	Length (in.)
MB275R	14	SMALL	7 1/4
MB276R	19	MEDIUM	8
MB277R	25	LARGE	9 1/4
MB278R	30	EXTRA LARGE	10



MB275R-MB278R



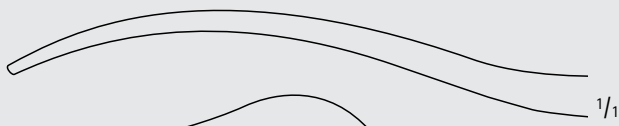
MB275R



MB276R



MB277R



MB278R



Orthopedics/Spine

Chisels, Gouges and Osteotomes



MB850R-MB855R, MB991R



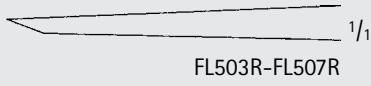
MB856R-MB859R, MB992R-MB996R

HIBBS Chisel

Catalog Number	Tip Size (mm)	Blade	Length (in.)
MB850R	7	STR	9 1/2
MB991R	10	STR	9 1/2
MB851R	15	STR	9 1/2
MB852R	19	STR	9 1/2
MB853R	22	STR	9 1/2
MB854R	25	STR	9 1/2
MB855R	38	STR	9 1/2
MB856R	7	CVD	9 1/2
MB857R	9	CVD	9 1/2
MB992R	13	CVD	9 1/2
MB858R	15	CVD	9 1/2
MB859R	19	CVD	9 1/2
MB993R	22	CVD	9 1/2
MB994R	25	CVD	9 1/2
MB995R	32	CVD	9 1/2
MB996R	38	CVD	9 1/2



FL503R-FL507R



FL503R-FL507R

STILLE Chisel

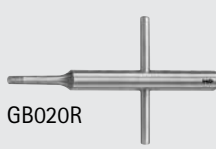
Catalog Number	Tip Size (mm)	Length (in.)
FL503R	10	8
FL504R	12	8
FL505R	15	8
FL506R	20	8
FL507R	25	8

Chisel Handle F/ Interchangeable Blades

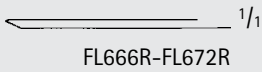
Catalog Number	Item
FL665R	HANDLE W/KEY
GB020R	REPLACEMENT KEY



FL665R



GB020R

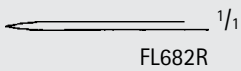


Chisel Blade, F/FL665R

Catalog Number	Tip Size (mm)	Tip Size (in.)	Working Length (mm)
FL666R	5	3/16	45
FL668R	10	3/8	45
FL670R	16	5/8	45
FL672R	25	1	45



FL682R

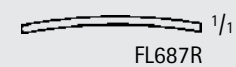
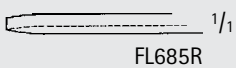
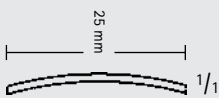


Osteotome Blade, F/FL665R

Catalog Number	Tip Size (mm)	Tip Size (in.)	Working Length (mm)
FL682R	25	1	78



FL685R-FL687R



Concave Chisel Blade, F/FL665R

Catalog Number	Radius (mm)	Tip Size (mm)	Tip Size (in.)
FL685R	50	25	1
FL687R	70	25	1



ORTHO
SPINE

INCHES

Orthopedics/Spine

Chisels, Gouges and Osteotomes

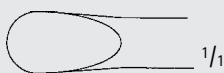


Lamina Gouge W/ HARTPRESS Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL437R	6	1/4	9 1/4
FL438R	8	5/16	9 1/4
FL439R	11	7/16	9 1/4
FL440R	16	5/8	9 1/4



FL437R-FL440R



FL437R-FL440R

Chisel W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL430R	20	3/4	9 5/8



FL430R



FL430R

LEXER-MINI Gouge W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL390R	4	5/32	7
FL391R	6	1/4	7
FL392R	8	5/16	7
FL393R	10	3/8	7
FL394R	12	1/2	7



FL390R-FL394R

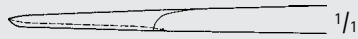


FL390R-FL394R



FL411R-FL418R

1/2



FL411R-FL418R

1/1

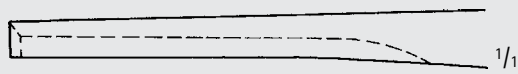
LEXER Gouge W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL411R	5	3/16	8 7/8
FL412R	7	9/32	8 7/8
FL413R	10	3/8	8 7/8
FL415R	15	5/8	8 7/8
FL416R	20	3/4	8 7/8
FL417R	25	1	8 7/8
FL418R	30	1 3/16	8 7/8



FL420R

1/2



FL420R

1/1

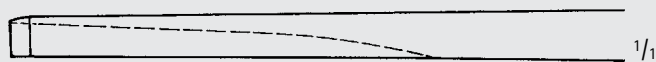
Gouge, F/ Removing Broken Screws, W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL420R	9	3/8	8 7/8



FL423R

1/2



1/1



1/1



1/1

FL423R

LEXER Spongiosa Gouge W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL423R	10	3/8	11



ORTHO
SPINE

INCHES

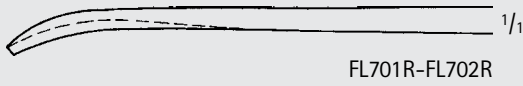
Orthopedics/Spine

Chisels, Gouges and Osteotomes



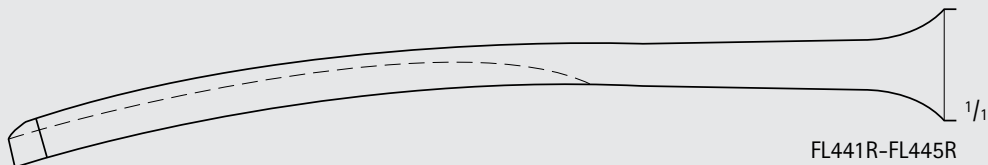
ZIELKE Gouge W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL701R	5.5	7/32	9
FL702R	9	3/8	9



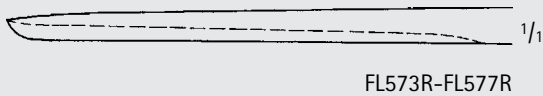
Spongiosa Gouge W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade	Length (in.)
FL441R	5	3/16	CVD	9 3/4
FL443R	10	3/8	CVD	9 3/4
FL445R	15	5/8	CVD	9 3/4



STILLE Gouge

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL573R	10	3/8	8
FL574R	12	1/2	8
FL575R	15	5/8	8
FL576R	20	3/4	8
FL577R	25	1	8

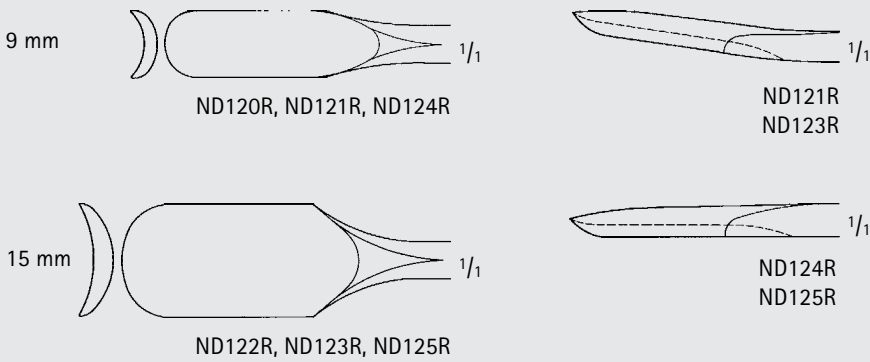


WAGNER Gouge W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade Shape	Length (in.)
ND120R	9	3/8	ANG FWD	13 3/8
ND121R	9	3/8	ANG BACK	13 3/8
ND122R	15	5/8	ANG FWD	13 3/8
ND123R	15	5/8	ANG BACK	13 3/8
ND124R	9	3/8	STR	13 3/8
ND125R	15	5/8	STR	13 3/8



ND120R-ND125R



SMITH-PETERSON Gouge

Catalog Number	Tip	Tip Size (mm)	Length (in.)
MF465R	STR	6	8
MF466R	STR	10	8
MF467R	STR	13	8
MF468R	STR	16	8
MF469R	STR	19	8
MF470R	STR	25	8
MF471R	STR	32	8
MF472R	CVD	6	8
MF473R	CVD	10	8
MF474R	CVD	13	8
MF475R	CVD	16	8
MF476R	CVD	19	8
MF477R	CVD	25	8
MF478R	CVD	32	8



MF465R-MF478R



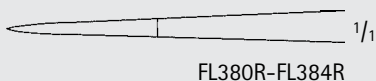
Orthopedics/Spine

Chisels, Gouges and Osteotomes



FL380R-FL384R

1/2



FL380R-FL384R

1/1

LEXER-MINI Osteotome W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL380R	4	5/32	7
FL381R	6	1/4	7
FL382R	8	5/16	7
FL383R	10	3/8	7
FL384R	12	1/2	7



FL401R-FL408R

1/2



FL401R-FL408R

1/1

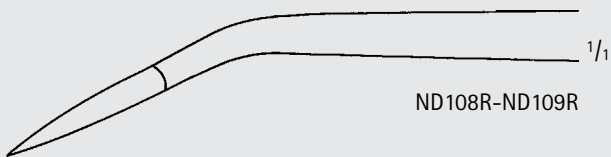
LEXER Osteotome W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
FL401R	5	3/16	8 7/8
FL402R	7	9/32	8 7/8
FL403R	10	3/8	8 7/8
FL405R	15	5/8	8 7/8
FL406R	20	3/4	8 7/8
FL407R	25	1	8 7/8
FL408R	30	1 3/16	8 7/8
ND108R	10	3/8	10 3/4
ND109R	15	5/8	10 3/4



ND108R-ND109R

1/2



ND108R-ND109R

1/1

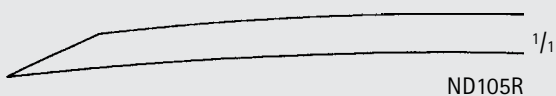
Chisel W/ PEEK Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
ND105R	16	5/8	10 1/2



ND105R

1/2



ND105R

1/1



COBB Gouge

Catalog Number	Blade	Length (in.)
MB707R	STR	11 1/2



Gouge, Double Curved, W/ HARTPRESS Handle

Catalog Number	Tip Size (mm)	Tip Size (in.)	Length (in.)
ND118R	25	1	11 1/4



HIBBS Gouge

Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade	Length (in.)
MB709R	16	5/8	STR	9 1/2
MB710R	19	3/4	STR	9 1/2
MB711R	22	7/8	STR	9 1/2
MB712R	25	1	STR	9 1/2
MB713R	28	1 1/8	STR	9 1/2
MB714R	32	1 1/4	STR	9 1/2
MB715R	38	1 1/2	STR	9 1/2
MB716R	6	1/4	CVD	9 1/2
MB717R	9	3/8	CVD	9 1/2
MB718R	13	1/2	CVD	9 1/2
MB719R	13	5/8	CVD	9 1/2
MB720R	19	3/4	CVD	9 1/2
MB721R	25	1	CVD	9 1/2
MB722R	28	1 1/8	CVD	9 1/2
MB723R	38	1 1/2	CVD	9 1/2



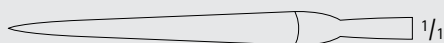
ORTHO
SPINE

Orthopedics/Spine

Chisels, Gouges and Osteotomes



FL156R-FL170R



FL156R-FL160R



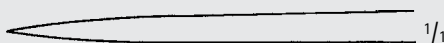
FL166R-FL170R

HOKE Osteotome

Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade	Length (in.)
FL156R	3	1/8	STR	6 1/8
FL157R	6	1/4	STR	6 1/8
FL158R	10	3/8	STR	6 1/8
FL159R	13	1/2	STR	6 1/8
FL160R	16	5/8	STR	6 1/8
FL166R	3	1/8	CVD	6 1/8
FL167R	6	1/4	CVD	6 1/8
FL168R	10	3/8	CVD	6 1/8
FL169R	13	1/2	CVD	6 1/8
FL170R	16	5/8	CVD	6 1/8



FL512R-FL517R



FL512R-FL517R



FL523R-FL527R



FL523R-FL527R



FL553R-FL557R

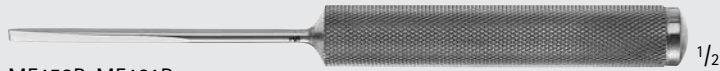


FL553R-FL557R

STILLE Osteotome

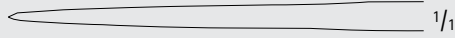
Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade	Length (in.)
FL512R	8	5/16	STR, HVY	8
FL513R	10	3/8	STR, HVY	8
FL514R	12	1/2	STR, HVY	8
FL515R	15	5/8	STR, HVY	8
FL516R	20	3/4	STR, HVY	8
FL517R	25	1	STR, HVY	8
FL523R	10	3/8	STR	8
FL524R	12	1/2	STR	8
FL525R	15	5/8	STR	8
FL526R	20	3/4	STR	8
FL527R	25	1	STR	8
FL553R	10	3/8	CVD	8
FL554R	12	1/2	CVD	8
FL555R	15	5/8	CVD	8
FL556R	20	3/4	CVD	8
FL557R	25	1	CVD	8





MF458R-MF461R

1/2



1/1

MF458R-MF461R

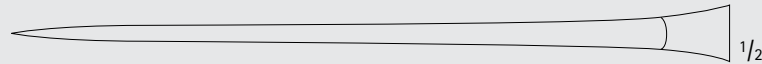
Gouge

Catalog Number	Tip Size (mm)	Tip	Length (in.)
MF458R	4	CVD	7
MF459R	4	STR	7
MF460R	6	CVD	7 1/2
MF461R	6	STR	7 1/2



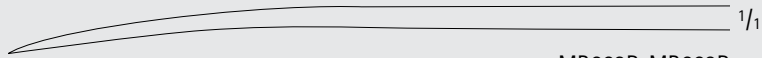
MB657R-MB669R

1/2



1/2

MB657R-MB662R



1/1

MB663R-MB669R

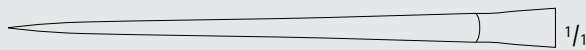
SMITH-PETERSON Osteotome

Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade	Length (in.)
MB657R	7	9/32	STR	8
MB658R	11	7/16	STR	8
MB659R	14	9/16	STR	8
MB660R	17	21/32	STR	8
MB661R	19	3/4	STR	8
MB662R	25	1	STR	8
MB663R	6	1/4	CVD	8
MB664R	9.5	3/8	CVD	8
MB665R	13	1/2	CVD	8
MB666R	16	5/8	CVD	8
MB667R	19	3/4	CVD	8
MB668R	25	1	CVD	8
MB669R	32	1 1/4	CVD	8



MB675R-MB684R

1/2



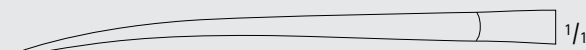
1/1

MB675R-MB684R



MB685R-MB694R

1/2



1/1

MB685R-MB694R

HIBBS Osteotome

Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade	Length (in.)
MB675R	6	1/4	STR	9 5/8
MB676R	10	3/8	STR	9 5/8
MB677R	13	1/2	STR	9 5/8
MB678R	16	5/8	STR	9 5/8
MB679R	19	3/4	STR	9 5/8
MB680R	22	7/8	STR	9 5/8
MB681R	25	1	STR	9 5/8
MB682R	28	1 1/8	STR	9 5/8
MB683R	32	1 1/4	STR	9 5/8
MB684R	38	1 1/2	STR	9 5/8
MB685R	6	1/4	CVD	9 5/8
MB686R	10	3/8	CVD	9 5/8
MB687R	13	1/2	CVD	9 5/8
MB688R	16	5/8	CVD	9 5/8
MB689R	19	3/4	CVD	9 5/8
MB690R	22	7/8	CVD	9 5/8
MB691R	25	1	CVD	9 5/8
MB692R	28	1 1/8	CVD	9 5/8
MB693R	32	1 1/4	CVD	9 5/8
MB694R	38	1 1/2	CVD	9 5/8



ORTHO
SPINE

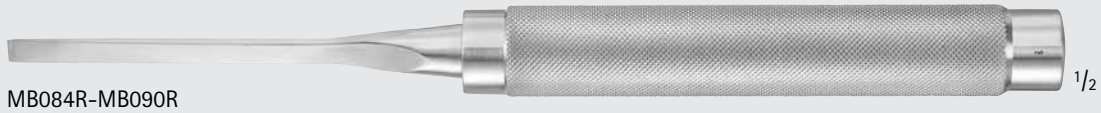
INCHES

Orthopedics/Spine

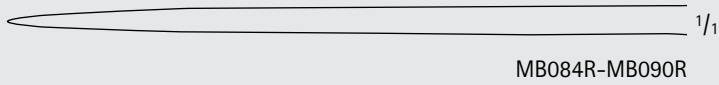
Chisels, Gouges and Osteotomes

COBB Osteotomes

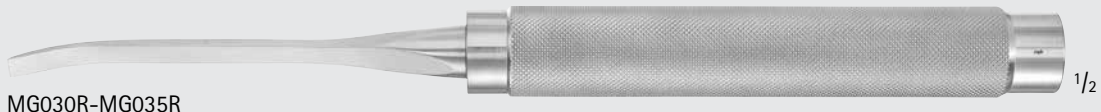
Catalog Number	Tip Size (mm)	Blade	Length (in.)
MB084R	6	STR	11
MB085R	10	STR	11
MB742R	13	STR	11
MB087R	13	STR	11
MB088R	16	STR	11
MB089R	19	STR	11
MB090R	25	STR	11
MG030R	6	CVD	11
MG031R	10	CVD	11
MG032R	13	CVD	11
MG033R	16	CVD	11
MG036R	19	CVD	11
MG034R	25	CVD	11
MG035R	32	CVD	11



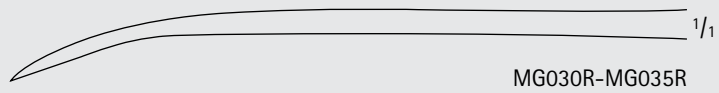
MB084R-MB090R



MB084R-MB090R

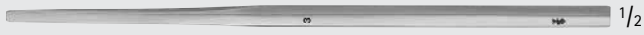


MG030R-MG035R



MG030R-MG035R





MB404R-MB373R



MB404R-MB373R

Osteotome W/ Hexagonal Handle

Catalog Number	Tip Size (mm)	Length (in.)
MB404R	2	6 1/4
MB405R	3	6 1/4
MB406R	4	6 1/4
MB407R	5	6 1/4
MB408R	6	6 1/4
MB409R	7	6 1/4
MB410R	8	6 1/4
MB411R	9	6 1/4
MB412R	10	6 1/4
MB413R	11	6 1/4
MB373R	12	6 1/4



MB398R-MB403R



MB398R-MB403R

CONVERSE Osteotome

Catalog Number	Tip Size (mm)	Length (in.)
MB398R	2	7
MB399R	4	7
MB400R	6	7
MB401R	8	7
MB402R	10	7
MB403R	12	7



MB388R-MB389R

RUBIN Osteotome, W/ Finger Grip

Catalog Number	Tip Size (mm)	Length (in.)
MB388R	10	6 1/2
MB389R	14	6 1/2



ORTHO
SPINE

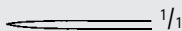
INCHES

Orthopedics/Spine

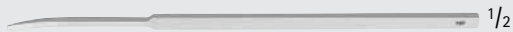
Chisels, Gouges and Osteotomes



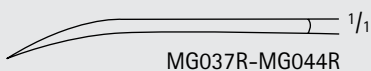
FL088R-MG049R



FL088R-MG049R



MG037R-MG044R

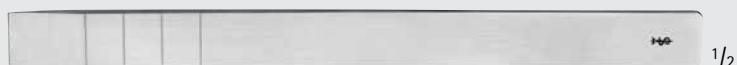


MG037R-MG044R

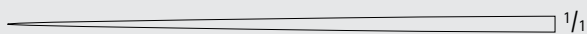
LAMBOTTE Osteotome

Catalog Number	Tip Size (mm)	Blade	Length (in.)
MG050R	SET OF 7	STR	-
FL088R	2	STR	5
FL101R	4	STR	5
FL102R	6	STR	5
FL104R	8	STR	5
FL106R	10	STR	5
FL108R	12	STR	5
MG046R	14	STR	5
FL109R	15	STR	5
MG047R	18	STR	5
MG048R	19	STR	5
MG049R	20	STR	5
MG037R	2	CVD	5
MG038R	4	CVD	5
MG039R	6	CVD	5
MG040R	8	CVD	5
MG041R	10	CVD	5
MG042R	12	CVD	5
MG043R	14	CVD	5
MG044R	15	CVD	5

LAMBOTTE MINI OSTEOTOME SET:
CONTAINS SEVEN MG050R STRAIGHT 5"
OSTEOTOMES:
2MM, 4MM, 6MM, 8MM, 10MM, 12MM,
14MM PLUS MALLET (FLO36R)



MB621R-MB628R



MB620R-MB628R

LAMBOTTE Osteotome with Calibrations

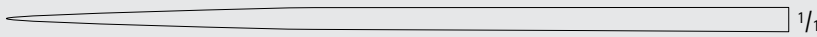
Catalog Number	Tip Size (mm)	Blade	Length (in.)
MB620R	COMPLETE SET	-	-
MB621R	4	STR	7 1/4
MB622R	6	STR	7 1/4
MB623R	7	STR	7 1/4
MB624R	8	STR	7 1/4
MB625R	10	STR	7 1/4
MB626R	12	STR	7 1/4
MB627R	16	STR	7 1/4
MB628R	22	STR	7 1/4

MB620R includes:
Osteotome MB621R-MB628R and
Mallet MB629R





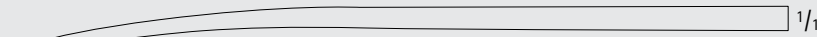
MB640R-MB646R



MB640R-MB646R



MB650R-MB656R



MB650R-MB656R

LAMBOTTE Osteotome

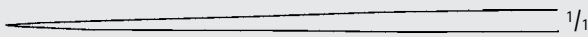
Catalog Number	Tip Size (mm)	Tip Size (in.)	Blade	Length (in.)
MB640R	COMPLETE SET		STR	
MB641R	6	1/4	STR	9
MB642R	13	1/2	STR	9
MB643R	19	3/4	STR	9
MB644R	25	1	STR	9
MB645R	32	1 1/4	STR	9
MB646R	38	1 1/2	STR	9
MB650R	COMPLETE SET		CVD	
MB651R	6	1/4	CVD	9
MB652R	13	1/2	CVD	9
MB653R	19	3/4	CVD	9
MB654R	25	1	CVD	9
MB655R	32	1 1/4	CVD	9
MB656R	38	1 1/2	CVD	9

LAMBOTTE Osteotome

Catalog Number	Tip Size (mm)	Blade	Length (in.)
FL650R	4	STR	9 5/8
FL651R	8	STR	9 5/8
FL652R	10	STR	9 5/8
FL653R	13	STR	9 5/8
FL654R	15	STR	9 5/8
FL655R	18	STR	9 5/8
FL656R	20	STR	9 5/8
FL658R	25	STR	9 5/8
FL659R	30	STR	9 5/8
FL660R	38	STR	9 5/8
FL661R	44	STR	9 5/8
FL662R	50	STR	9 5/8
FL781R	8	CVD	9 5/8
FL783R	13	CVD	9 5/8
FL785R	18	CVD	9 5/8
FL788R	25	CVD	9 5/8
FL789R	30	CVD	9 5/8
FL790R	38	CVD	9 5/8



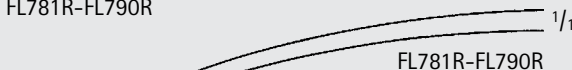
FL650R-FL662R



FL650R-FL662R



FL781R-FL790R



FL781R-FL790R

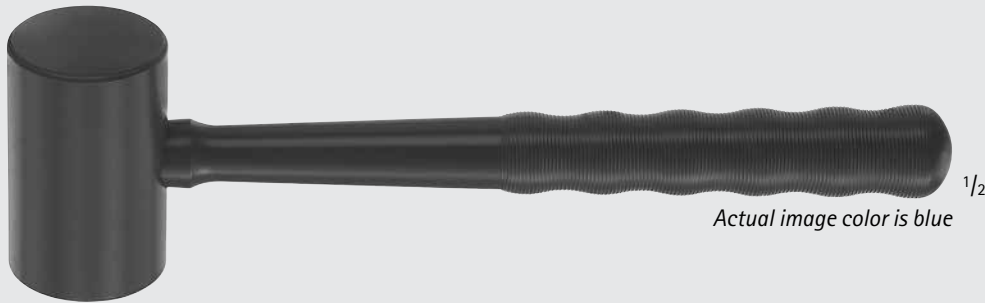


ORTHO
SPINE

INCHES

Orthopedics/Spine

Mallets

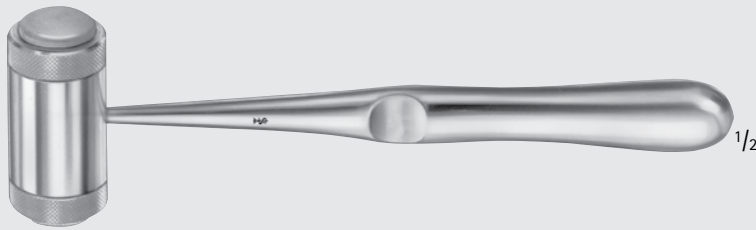


FL010-FL011

Mallet, PEEK

Catalog Number	Handle	Weight (gr)	Diameter (mm)	Length (in.)
FL010	HARTPRESS	230	42	9 3/4
FL011	HARTPRESS	315	50	9 3/4

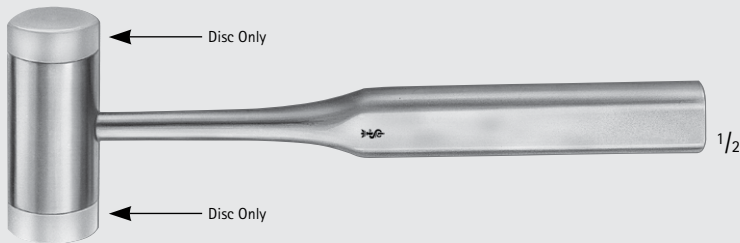
Actual image color is blue



FL035R

MEAD Mallet, Removable Discs, 180gr

Catalog Number	Description	Diameter (mm)	Length (in.)
FL035R	COMPLETE	20	7 1/2
FL034	SPARE DISCS, F/FL035R, 2/SET	20	



FL036R

Mallet W/ Removable Nylon Discs, 135gr

Catalog Number	Description	Diameter (mm)	Length (in.)
FL036R	COMPLETE	25	7 1/4
FL037	NYLON SPARE DISCS, F/FL036R, 2/SET	25	



MB629R

Mallet, 226gr

Catalog Number	Description	Diameter (mm)	Length (in.)
MB629R	ONE SIDE NYLON, ONE SIDE METAL	26	7 1/4
MB629200	REPLACEMENT NYLON DISC FOR MB629R MALLET HEAD		



DF114R

Mallet, 155gr

Catalog Number	Diameter (mm)	Length (in.)
DF114R	25	7 1/2



US142

Mallet, Copper

Catalog Number	Diameter (mm)	Length (in.)
US142	20	6 1/2



MG583R

KIRK Mallet, 560gr

Catalog Number	Diameter (mm)	Length (in.)
MG583R	35	7 1/4



Orthopedics/Spine

Mallets



FL038R

COTTLE Mallet, Flat/Round, 235gr

Catalog Number	Diameter (mm)	Length (in.)
FL038R	30	7 1/4



FL044R

HAJEK Mallet, 140gr

Catalog Number	Diameter (mm)	Length (in.)
FL044R	27	8 3/4



FL055R

BERGMANN Mallet, 260gr

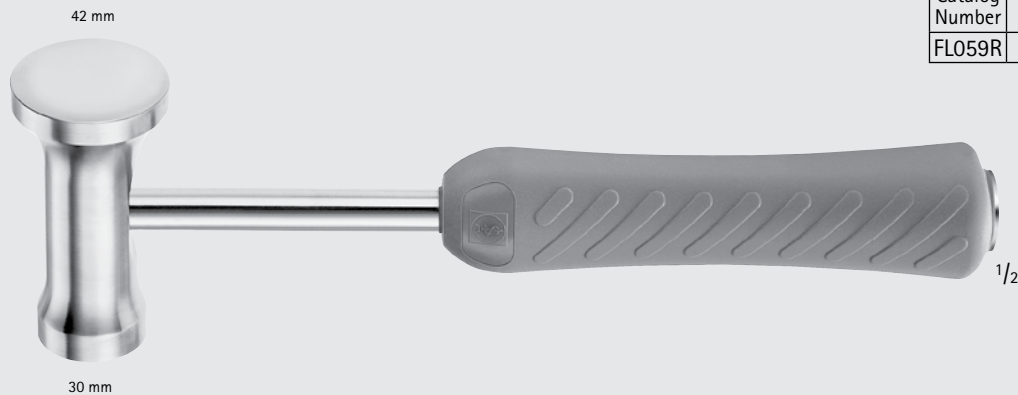
Catalog Number	Diameter (mm)	Length (in.)
FL055R	30	9 1/4

PEEK



Mallet, 285gr, W/ Silicone Handle

Catalog Number	Diameter (mm)	Length (in.)
FL059R	30 / 42	9 1/2



FL059R

BERGMANN Mallet, 300gr, W/ Silicone Handle

Catalog Number	Diameter (mm)	Length (in.)
FL060R	45	9 5/8

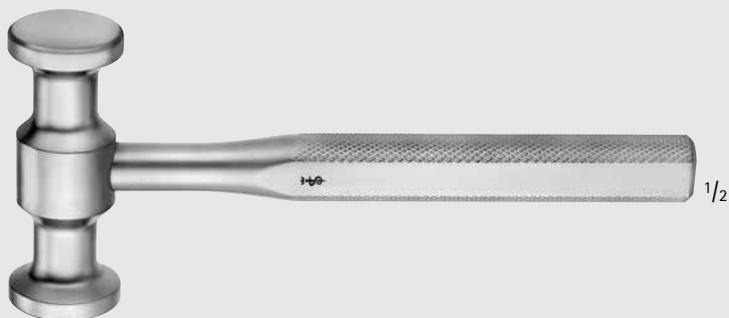


FL060R

Orthopedic Mallet

Catalog Number	Diameter (mm)	Length (in.)
MB630R	30	7 1/4
MB631R	38	7 1/4

MB630R: 1 LB Weight (485gr)
 MB631R: 2 LB Weight (907gr)



MB630R



ORTHO
SPINE

Orthopedics/Spine

Mallets



WAGNER Mallet Set, 130gr, W/ Silicone Handle

Catalog Number	Diameter (mm)	Length (in.)
FL062	35	9 1/4

Set includes:
 1 PR Metal Discs FL064R
 1 PR Plastic Discs FL065
 1 Wrench FL062/206

FL062 1/2

FL064R
215 gr
1 Metal Disc, flat
1 Metal Disc, convex

FL065
30 gr
1 Plastic Disc, flat
1 Plastic Disc, convex

OMBREDANNE Mallet, 520gr, W/ Silicone Handle

Catalog Number	Diameter (mm)	Length (in.)
FL066R	40	9 1/2

FL066R 1/2

HEATH Copper Head Mallet, 725gr, W/ Silicone Handle

Catalog Number	Diameter (mm)	Length (in.)
FL068R	40	9 1/4

FL068R 1/2



MG095R

HEATH Mallet, 823gr

Catalog Number	Diameter (mm)	Size	Length (in.)
MG095R	40	1.8 lbs	7 1/4



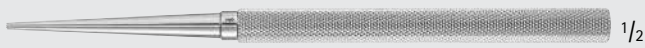
FLO90R

Bone Graft Tamper

Catalog Number	Diameter (mm)	Length (in.)
FLO90R	12	7 7/8



FLO90R



MB796R-MB800R

Bone Tamp

Catalog Number	Diameter (mm)	Length (in.)
MB796R	2	6 1/4
MB798R	4	6 1/4
MB800R	6	6 1/4
MB801R	8	6 1/4
MB802R	10	6 1/4



MB796R



MB798R



MB800R



MB801R



MB801R



MB802R



MB802R



FG093R-FG096R

SYPERT Spinal Impactor, W/ HART-PRESS Handle

Catalog Number	Tip Size (mm)	Length (in.)
FG093R	3 x 8	11 1/2
FG094R	4 x 10	11 1/2
FG095R	5 x 15	11 1/2
FG096R	6 x 20	11 1/2



FG093R



FG094R



FG095R



FG096R



ORTHO
SPINE

INCHES

Orthopedics/Spine

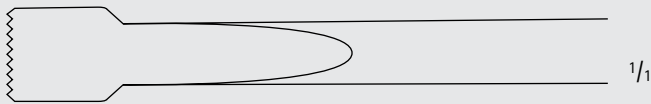
Bone Impactor

COBB Bone Impactor

Catalog Number	Tip Size (mm)	Length (in.)
MB545R	3 x 12	11 1/4



MB545R



MB545R



RALKS Hand Drill, Cannulated

Catalog Number	Length (in.)
MG021R	6 1/4



MG021R



Orthopedics/Spine

Drills, Burrs and Reamers



FR110R

1/2

CHAMPIONNIÈRE Bone Drill

Catalog Number	Length (in.)
FR110R	6 3/4



FR118R

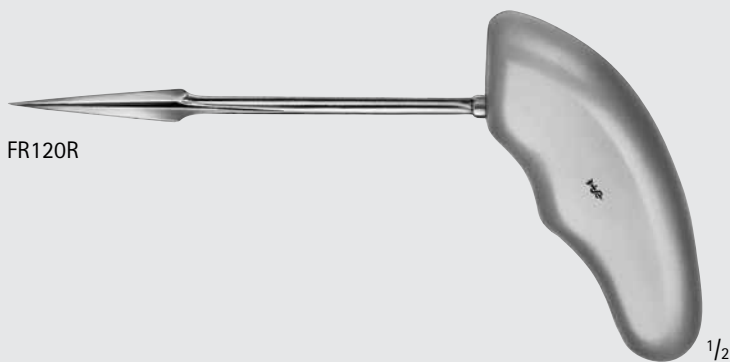
1/2

Ø 2,5 mm

Ø 3,5 mm

Awl/Reamer

Catalog Number	Length (in.)
FR118R	6



FR120R

1/2

Reamer

Catalog Number	Length (in.)
FR120R	7





FR125R

PERTHES Reamer

Catalog Number	Length (in.)
FR125R	8 1/2



FR140R-FR141R

Bone Biopsy Trephine

Catalog Number	Diameter (mm)	Length (in.)
FR140R	3.9 / 5	6 1/4
FR141R	6.4 / 8	6 1/4



FR140R



FR141R

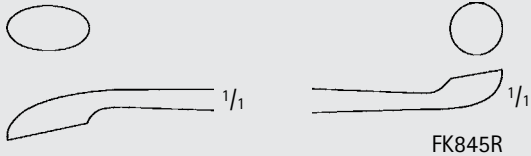


Orthopedics/Spine

Curettes



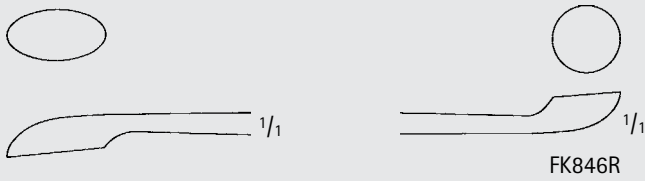
FK845R



FK845R



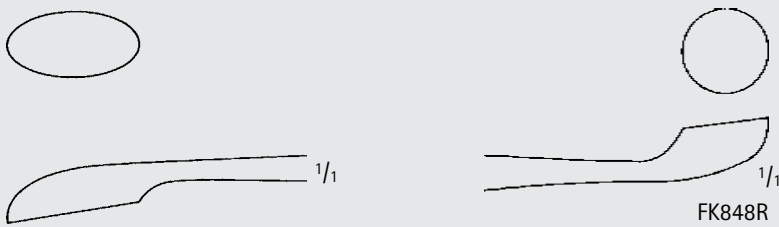
FK846R



FK846R



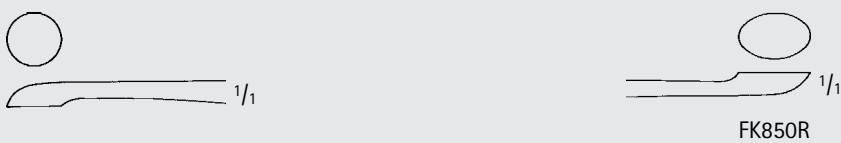
FK848R



FK848R



FK850R



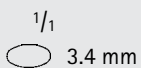
FK850R

Bone Curette, Double Ended

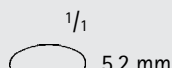
Catalog Number	Tip Size (mm)	Length (in.)
FK845R	6 / 7	5 1/8
FK846R	7 / 8	6 1/4
FK848R	8 / 11	7 7/8
FK850R	7 / 6	8 1/4



FK658R-FK659R



FK658R



FK659R

WILLIGER Bone Curette

Catalog Number	Tip Size (#)	Tip Size (mm)	Length (in.)
FK658R	00	3.4	6 3/4
FK659R	1	5.2	6 3/4



FK611R-FK617R



$\frac{1}{1}$
○ 3 mm
FK611R

$\frac{1}{1}$
○ 4 mm
FK612R

$\frac{1}{1}$
○ 5 mm
FK613R

$\frac{1}{1}$
○ 6 mm
FK614R

$\frac{1}{1}$
○ 8 mm
FK615R

$\frac{1}{1}$
○ 10 mm
FK616R

$\frac{1}{1}$
○ 12 mm
FK617R

BRUNS Curette, Round

Catalog Number	Tip Size (#)	Tip Size (mm)	Length (in.)
FK611R	000	3	6 1/2
FK612R	00	4	6 1/2
FK613R	0	5	6 1/2
FK614R	1	6	6 1/2
FK615R	2	8	6 1/2
FK616R	3	10	6 1/2
FK617R	4	12	6 1/2



FK621R-FK627R



$\frac{1}{1}$
○ 2.5 mm
FK621R

$\frac{1}{1}$
○ 3.4 mm
FK622R

$\frac{1}{1}$
○ 4.2 mm
FK623R

$\frac{1}{1}$
○ 5.2 mm
FK624R

$\frac{1}{1}$
○ 6.3 mm
FK625R

$\frac{1}{1}$
○ 7.4 mm
FK626R

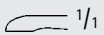
$\frac{1}{1}$
○ 8 mm
FK627R

SCHEDE Curette

Catalog Number	Tip Size (#)	Tip Size (mm)	Length (in.)
FK621R	000	2.5	6 3/4
FK622R	00	3.4	6 3/4
FK623R	0	4.2	6 3/4
FK624R	1	5.2	6 3/4
FK625R	2	6.3	6 3/4
FK626R	3	7.4	6 3/4
FK627R	4	8.0	6 3/4



FK630R-FK639R



$\frac{1}{1}$
○ 2.8 mm
FK630R

$\frac{1}{1}$
○ 3.6 mm
FK631R

$\frac{1}{1}$
○ 4.4 mm
FK632R

$\frac{1}{1}$
○ 5.2 mm
FK633R

$\frac{1}{1}$
○ 6.8 mm
FK634R

$\frac{1}{1}$
○ 8.5 mm
FK635R

$\frac{1}{1}$
○ 10 mm
FK636R

$\frac{1}{1}$
○ 11.5 mm
FK637R

$\frac{1}{1}$
○ 13 mm
FK638R

$\frac{1}{1}$
○ 14.5 mm
FK639R

VOLKMANN Curette

Catalog Number	Tip Size (#)	Tip Size (mm)	Length (in.)
FK630R	0000	2.8	6 3/4
FK631R	000	3.6	6 3/4
FK632R	00	4.4	6 3/4
FK633R	0	5.2	6 3/4
FK634R	1	6.8	6 3/4
FK635R	2	8.5	6 3/4
FK636R	3	10.0	6 3/4
FK637R	4	11.5	6 3/4
FK638R	5	13.0	6 3/4
FK639R	6	14.5	6 3/4



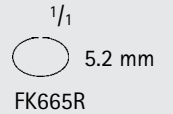
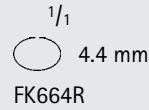
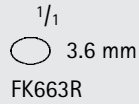
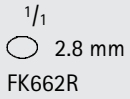
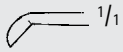
ORTHO
SPINE

Orthopedics/Spine

Curettes



FK662R-FK665R

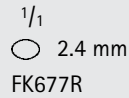
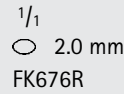
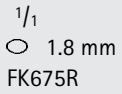
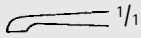


DAUBENSPECK Bone Curette

Catalog Number	Tip Size (#)	Tip Size (mm)	Length (in.)
FK662R	0000	2.8	7 7/8
FK663R	000	3.6	7 7/8
FK664R	00	4.4	7 7/8
FK665R	0	5.2	7 7/8

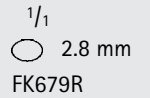
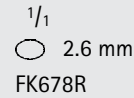


FK675R-FK679R



LEMPERT Bone Curette

Catalog Number	Tip Size (mm)	Length (in.)
FK675R	1.8	8 1/2
FK676R	2.0	8 1/2
FK677R	2.4	8 1/2
FK678R	2.6	8 1/2
FK679R	2.8	8 1/2



MD565-MD567



EPSTEIN Spinal Curette

Catalog Number	Tip Size (mm)	Size (#)	Length (in.)
MD565	2.0	000	8
MD566	2.5	00	8
MD567	3.0	0	8

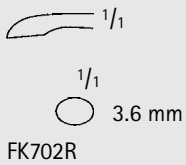


SCOVILLE Bone Curette

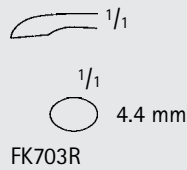
Catalog Number	Tip Size (#)	Tip Size (mm)	Tip	Length (in.)
FK702R	000	3.6	FWD STR	9 3/4
FK703R	00	4.4	FWD STR	9 3/4
FK704R	0	5.2	FWD STR	9 3/4
FK705R	1	6.8	FWD STR	9 3/4
FK712R	000	3.6	FWD ANG	9 3/4
FK713R	00	4.4	FWD ANG	9 3/4
FK714R	0	5.2	FWD ANG	9 3/4
FK715R	1	6.8	FWD ANG	9 3/4



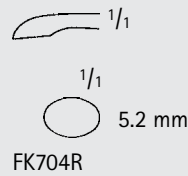
FK702R-FK715R



FK702R



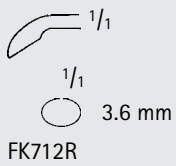
FK703R



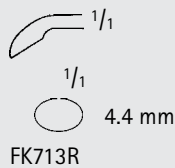
FK704R



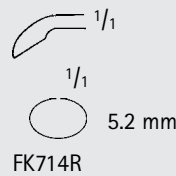
FK705R



FK712R



FK713R



FK714R



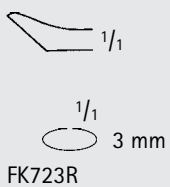
FK715R

BUSHE Bone Curette

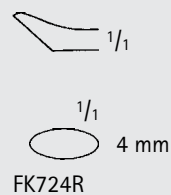
Catalog Number	Tip Size (mm)	Tip	Length (in.)
FK723R	3.0	REV ANG	9 3/4
FK724R	4.0	REV ANG	9 3/4
FK725R	5.0	REV ANG	9 3/4



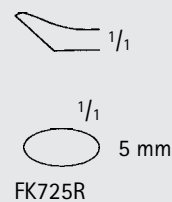
FK723R-FK725R



FK723R



FK724R



FK725R



INCHES

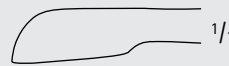
Orthopedics/Spine

Curettes



MF519R-MD490, MF534R-MF544R, MF567R-MF577R

1/2



1/1



MF521R-MD481, MF545R-MF555R, MF578R-MF588R

1/2



1/1

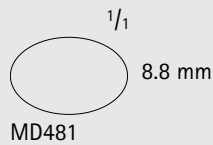
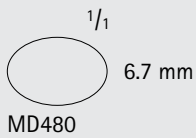
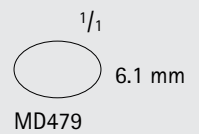
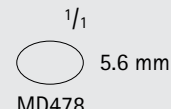
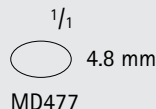
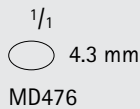
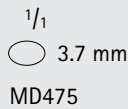
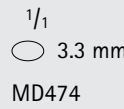
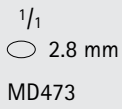


MF523R-MF533R, MF556R-MF566R, MF589R-MF599R

1/2



1/1



BRUNS Spinal Curette

Catalog Number	Tip Size (#)	Tip	Length (in.)
MF519R	00000	STR	8
MF520R	0000	STR	8
MD482	000	STR	8
MD483	00	STR	8
MD484	0	STR	8
MD485	1	STR	8
MD486	2	STR	8
MD487	3	STR	8
MD488	4	STR	8
MD489	5	STR	8
MD490	6	STR	8
MF521R	00000	FWD ANG	8
MF522R	0000	FWD ANG	8
MD473	000	FWD ANG	8
MD474	00	FWD ANG	8
MD475	0	FWD ANG	8
MD476	1	FWD ANG	8
MD477	2	FWD ANG	8
MD478	3	FWD ANG	8
MD479	4	FWD ANG	8
MD480	5	FWD ANG	8
MD481	6	FWD ANG	8
MF523R	00000	REV ANG	8
MF524R	0000	REV ANG	8
MF525R	000	REV ANG	8
MF526R	00	REV ANG	8
MF527R	0	REV ANG	8
MF528R	1	REV ANG	8
MF529R	2	REV ANG	8
MF530R	3	REV ANG	8
MF531R	4	REV ANG	8
MF532R	5	REV ANG	8
MF533R	6	REV ANG	8

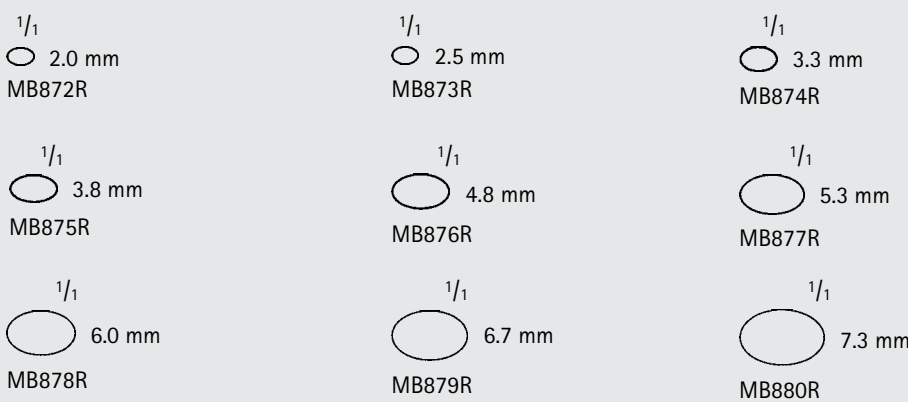
Catalog Number	Tip Size (#)	Tip	Length (in.)
MF534R	00000	STR	9
MF535R	0000	STR	9
MF536R	000	STR	9
MF537R	00	STR	9
MF538R	0	STR	9
MF539R	1	STR	9
MF540R	2	STR	9
MF541R	3	STR	9
MF542R	4	STR	9
MF543R	5	STR	9
MF544R	6	STR	9
MF545R	00000	FWD ANG	9
MF546R	0000	FWD ANG	9
MF547R	000	FWD ANG	9
MF548R	00	FWD ANG	9
MF549R	0	FWD ANG	9
MF550R	1	FWD ANG	9
MF551R	2	FWD ANG	9
MF552R	3	FWD ANG	9
MF553R	4	FWD ANG	9
MF554R	5	FWD ANG	9
MF555R	6	FWD ANG	9
MF556R	00000	REV ANG	9
MF557R	0000	REV ANG	9
MF558R	000	REV ANG	9
MF559R	00	REV ANG	9
MF560R	0	REV ANG	9
MF561R	1	REV ANG	9
MF562R	2	REV ANG	9
MF563R	3	REV ANG	9
MF564R	4	REV ANG	9
MF565R	5	REV ANG	9
MF566R	6	REV ANG	9

Catalog Number	Tip Size (#)	Tip	Length (in.)
MF567R	00000	STR	12
MF568R	0000	STR	12
MF569R	000	STR	12
MF570R	00	STR	12
MF571R	0	STR	12
MF572R	1	STR	12
MF573R	2	STR	12
MF574R	3	STR	12
MF575R	4	STR	12
MF576R	5	STR	12
MF577R	6	STR	12
MF578R	00000	FWD ANG	12
MF579R	0000	FWD ANG	12
MF580R	000	FWD ANG	12
MF581R	00	FWD ANG	12
MF582R	0	FWD ANG	12
MF583R	1	FWD ANG	12
MF584R	2	FWD ANG	12
MF585R	3	FWD ANG	12
MF586R	4	FWD ANG	12
MF587R	5	FWD ANG	12
MF588R	6	FWD ANG	12
MF589R	00000	REV ANG	12
MF590R	0000	REV ANG	12
MF591R	000	REV ANG	12
MF592R	00	REV ANG	12
MF593R	0	REV ANG	12
MF594R	1	REV ANG	12
MF595R	2	REV ANG	12
MF596R	3	REV ANG	12
MF597R	4	REV ANG	12
MF598R	5	REV ANG	12
MF599R	6	REV ANG	12





MB872R-MB880R



BRUNS Curette

Catalog Number	Tip Size (#)	Tip Size (mm)	Tip	Length (in.)
MB872R	000	2.0	STR	9
MB873R	00	2.5	STR	9
MB874R	0	3.3	STR	9
MB875R	1	3.8	STR	9
MB876R	2	4.8	STR	9
MB877R	3	5.3	STR	9
MB878R	4	6.0	STR	9
MB879R	5	6.7	STR	9
MB880R	6	7.3	STR	9



FK688R-FK690R

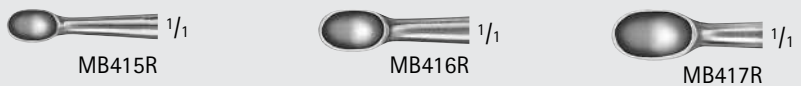


SIMON Bone Curette

Catalog Number	Tip Size (#)	Tip Size (mm)	Length (in.)
FK688R	000	3.6	9 1/4
FK689R	00	4.4	9 1/4
FK690R	0	5.2	9 1/4



MB415R-MB417R



HIBBS Curette

Catalog Number	Tip	Length (in.)
MB415R	SMALL	8
MB416R	MEDIUM	8
MB417R	LARGE	8



ORTHO
SPINE

INCHES

Orthopedics/Spine

Curettes

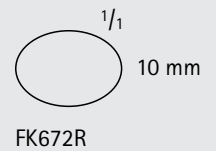
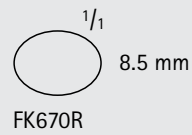
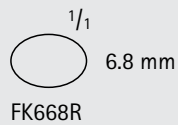
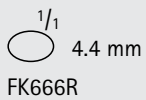
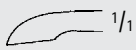


Bone Curette, Long, W/ PEEK Handle

Catalog Number	Tip Size (#)	Tip Size (mm)	Length (in.)
FK666R	00	4.4	10 5/8
FK668R	1	6.8	10 5/8
FK670R	2	8.5	10 5/8
FK672R	3	10.0	10 5/8

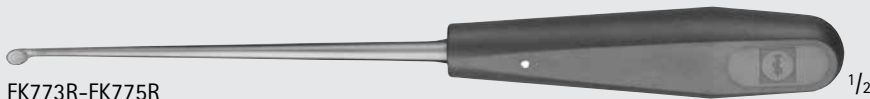


FK666R-FK672R

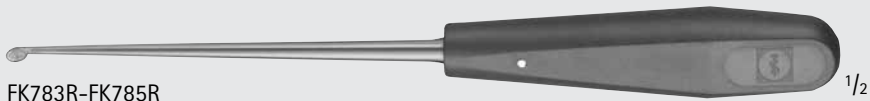
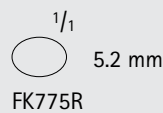
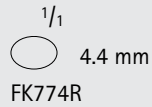
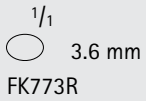
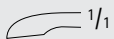


CASPAR Curette, W/ PEEK Handle

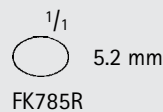
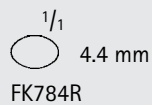
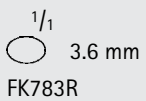
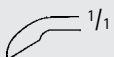
Catalog Number	Tip Size (#)	Tip Size (mm)	Blade	Length (in.)
FK773R	000	3.6	STR	8 3/4
FK774R	00	4.4	STR	8 3/4
FK775R	0	5.2	STR	8 3/4
FK783R	000	3.6	CVD	8 3/4
FK784R	00	4.4	CVD	8 3/4
FK785R	0	5.2	CVD	8 3/4

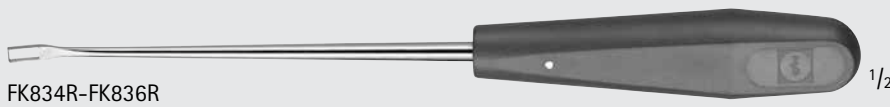


FK773R-FK775R



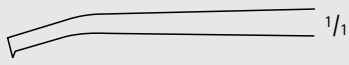
FK783R-FK785R



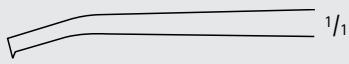


CASPAR Curette, W/ PEEK Handle

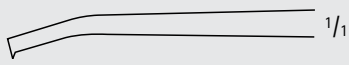
Catalog Number	Tip Size (mm)	Tip	Length (in.)
FK834R	4	SQUARE	8 3/4
FK835R	5	SQUARE	8 3/4
FK836R	6	SQUARE	8 3/4



4 mm  1/1
FK834R



5 mm  1/1
FK835R



6 mm  1/1
FK836R



Orthopedics/Spine

Curettes

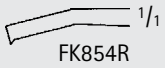


CASPAR Bone Curette, Toothed

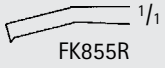
Catalog Number	Tip Size (mm)	Tip	Length (in.)
FK854R	4.0	SQUARE	9 3/4
FK855R	5.0	SQUARE	9 3/4



FK854R-FK855R



FK854R



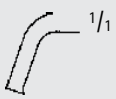
FK855R

CASPAR Bone Curette, Toothed

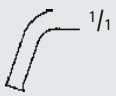
Catalog Number	Tip Size (mm)	Tip	Length (in.)
FK863R	3.0	SQUARE, ANG	10 5/8
FK864R	4.0	SQUARE, ANG	10 5/8



FK863R-FK864R



FK863R



FK864R

COBB Curette

Catalog Number	Tip Size (#)	Tip Size (mm)	Tip	Length (in.)
FK581R	000	2.0	STR	11
FK582R	00	2.5	STR	11
FK583R	0	3.0	STR	11
FK584R	1	3.5	STR	11
FK585R	2	4.5	STR	11
FK586R	3	5.5	STR	11
FK587R	4	7.5	STR	11
FK588R	5	8.5	STR	11
FK589R	6	10.0	STR	11
FK591R	000	2.0	ANG	11
FK592R	00	2.5	ANG	11
FK593R	0	3.0	ANG	11
FK594R	1	3.5	ANG	11
FK595R	2	4.5	ANG	11
FK596R	3	5.5	ANG	11
FK597R	4	7.5	ANG	11
FK598R	5	8.5	ANG	11
FK599R	6	10.0	ANG	11



$\frac{1}{1}$
 ○ 2.0 mm
 FK581R, FK591R

$\frac{1}{1}$
 ○ 2.5 mm
 FK582R, FK592R

$\frac{1}{1}$
 ○ 3.0 mm
 FK583R, FK593R

$\frac{1}{1}$
 ○ 3.5 mm
 FK584R, FK594R

$\frac{1}{1}$
 ○ 4.5 mm
 FK585R, FK595R

$\frac{1}{1}$
 ○ 5.5 mm
 FK586R, FK596R

$\frac{1}{1}$
 ○ 7.5 mm
 FK587R, FK597R

$\frac{1}{1}$
 ○ 8.5 mm
 FK588R, FK598R

$\frac{1}{1}$
 ○ 10.0 mm
 FK589R, FK599R



ORTHO
SPINE

INCHES

Orthopedics/Spine

Curettes

Colored Cervical Curette

Catalog Number	Tip Size (#)	Tip	Color	Length (in.)
MD216R	000000	STR	RED	10
MD217R	00000	STR	SILVER	10
MD218R	0000	STR	PURPLE	10
MD219R	000	STR	TURQUOISE	10
MD220R	00	STR	GOLD	10
MD221R	0	STR	GREEN	10
MD222R	1	STR	ORANGE	10
MD223R	2	STR	BLUE	10
MD224R	3	STR	GRAY	10
MD225R	4	STR	BLACK	10
MD226R	5	STR	BLACK	10
MD227R	6	STR	BLACK	10
MD234R	000000	ANG	RED	10
MD235R	00000	ANG	SILVER	10
MD236R	0000	ANG	PURPLE	10
MD237R	000	ANG	TURQUOISE	10
MD238R	00	ANG	GOLD	10
MD239R	0	ANG	GREEN	10
MD240R	1	ANG	ORANGE	10
MD241R	2	ANG	BLUE	10
MD242R	3	ANG	GRAY	10
MD243R	4	ANG	BLACK	10
MD244R	5	ANG	BLACK	10
MD245R	6	ANG	BLACK	10



MD216R-MD227R

1/2



MD216R-MD227R



MD234R-MD245R

1/2

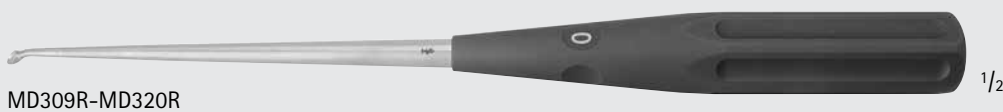


MD234R-MD245R



Colored Cervical Curette

Catalog Number	Tip Size (#)	Tip	Color	Length (in.)
MD309R	000000	REVERSE ANG	RED	10
MD310R	00000	REVERSE ANG	SILVER	10
MD311R	0000	REVERSE ANG	PURPLE	10
MD312R	000	REVERSE ANG	TURQUOISE	10
MD313R	00	REVERSE ANG	GOLD	10
MD314R	0	REVERSE ANG	GREEN	10
MD315R	1	REVERSE ANG	ORANGE	10
MD316R	2	REVERSE ANG	BLUE	10
MD317R	3	REVERSE ANG	GRAY	10
MD318R	4	REVERSE ANG	BLACK	10
MD319R	5	REVERSE ANG	BLACK	10
MD320R	6	REVERSE ANG	BLACK	10
MD383R	000000	ANG 90°	RED	10
MD384R	00000	ANG 90°	SILVER	10
MD385R	0000	ANG 90°	PURPLE	10
MD386R	000	ANG 90°	TURQUOISE	10
MD387R	00	ANG 90°	GOLD	10
MD388R	0	ANG 90°	GREEN	10
MD389R	1	ANG 90°	ORANGE	10
MD390R	2	ANG 90°	BLUE	10
MD391R	3	ANG 90°	GRAY	10
MD392R	4	ANG 90°	BLACK	10
MD393R	5	ANG 90°	BLACK	10
MD394R	6	ANG 90°	BLACK	10



MD309R-MD320R



MD309R-MD320R



MD383R-MD394R



MD383R-MD394R



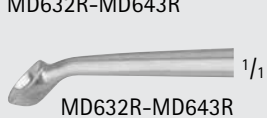
INCHES

Orthopedics/Spine

Curettes

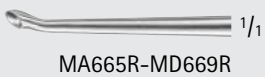
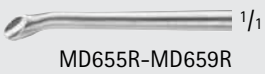
Colored Lumbar Curette

Catalog Number	Tip Size (#)	Tip	Color	Length (in.)
MD500R	000000	STR	RED	13 3/4
MD501R	00000	STR	SILVER	13 3/4
MD502R	0000	STR	PURPLE	13 3/4
MD503R	000	STR	TURQUOISE	13 3/4
MD504R	00	STR	GOLD	13 3/4
MD505R	0	STR	GREEN	13 3/4
MD506R	1	STR	ORANGE	13 3/4
MD507R	2	STR	BLUE	13 3/4
MD508R	3	STR	GRAY	13 3/4
MD509R	4	STR	BLACK	13 3/4
MD510R	5	STR	BLACK	13 3/4
MD511R	6	STR	BLACK	13 3/4
MD620R	000000	ANG	RED	13 3/4
MD621R	00000	ANG	SILVER	13 3/4
MD622R	0000	ANG	PURPLE	13 3/4
MD623R	000	ANG	TURQUOISE	13 3/4
MD624R	00	ANG	GOLD	13 3/4
MD625R	0	ANG	GREEN	13 3/4
MD626R	1	ANG	ORANGE	13 3/4
MD627R	2	ANG	BLUE	13 3/4
MD628R	3	ANG	GRAY	13 3/4
MD629R	4	ANG	BLACK	13 3/4
MD630R	5	ANG	BLACK	13 3/4
MD631R	6	ANG	BLACK	13 3/4
MD632R	000000	REVERSE ANG	RED	13 3/4
MD633R	00000	REVERSE ANG	SILVER	13 3/4
MD634R	0000	REVERSE ANG	PURPLE	13 3/4
MD635R	000	REVERSE ANG	TURQUOISE	13 3/4
MD636R	00	REVERSE ANG	GOLD	13 3/4
MD637R	0	REVERSE ANG	GREEN	13 3/4
MD638R	1	REVERSE ANG	ORANGE	13 3/4
MD639R	2	REVERSE ANG	BLUE	13 3/4
MD640R	3	REVERSE ANG	GRAY	13 3/4
MD641R	4	REVERSE ANG	BLACK	13 3/4
MD642R	5	REVERSE ANG	BLACK	13 3/4
MD643R	6	REVERSE ANG	BLACK	13 3/4



Bayonet Curette

Catalog Number	Tip	Tip Size (#)	Length (in.)
MD660R	STR	0	9
MD661R	STR	00	9
MD662R	STR	000	9
MD663R	STR	0000	9
MD664R	STR	00000	9
MD655R	REVERSE ANG UP	0	9
MD656R	REVERSE ANG UP	00	9
MD657R	REVERSE ANG UP	000	9
MD658R	REVERSE ANG UP	0000	9
MD659R	REVERSE ANG UP	00000	9
MD665R	REVERSE ANG DOWN	0	9
MD666R	REVERSE ANG DOWN	00	9
MD667R	REVERSE ANG DOWN	000	9
MD668R	REVERSE ANG DOWN	0000	9
MD669R	REVERSE ANG DOWN	00000	9



ORTHO
SPINE

Orthopedics/Spine

Curettes

Black Handle Curette

Catalog Number	Tip	Tip Size (#)	Handle	Length (in.)
MN012R	STR	000	8 1/2	13 1/4
MN013R	STR	00	8 1/2	13 1/4
MN014R	STR	0	8 1/2	13 1/4
MN015R	STR	1	8 1/2	13 1/4
MN016R	STR	2	8 1/2	13 1/4
MN017R	STR	3	8 1/2	13 1/4
MN018R	STR	4	8 1/2	13 1/4
MN019R	STR	5	8 1/2	13 1/4
MN020R	STR	6	8 1/2	13 1/4
MN021R	STR	7	8 1/2	13 1/4
MN022R	ANG	000	8 1/2	13 1/4
MN023R	ANG	00	8 1/2	13 1/4
MN024R	ANG	0	8 1/2	13 1/4
MN025R	ANG	1	8 1/2	13 1/4
MN026R	ANG	2	8 1/2	13 1/4
MN027R	ANG	3	8 1/2	13 1/4
MN028R	ANG	4	8 1/2	13 1/4
MN029R	ANG	5	8 1/2	13 1/4
MN030R	ANG	6	8 1/2	13 1/4
MN031R	ANG	7	8 1/2	13 1/4
MN032R	REVERSE ANG	000	8 1/2	13 1/4
MN033R	REVERSE ANG	00	8 1/2	13 1/4
MN034R	REVERSE ANG	0	8 1/2	13 1/4
MN035R	REVERSE ANG	1	8 1/2	13 1/4
MN036R	REVERSE ANG	2	8 1/2	13 1/4
MN037R	REVERSE ANG	3	8 1/2	13 1/4
MN038R	REVERSE ANG	4	8 1/2	13 1/4
MN039R	REVERSE ANG	5	8 1/2	13 1/4
MN040R	REVERSE ANG	6	8 1/2	13 1/4
MN041R	REVERSE ANG	7	8 1/2	13 1/4



MN012R-MN021R



MN022R-MN031R



MN032R-MN041R



XL Black Handled Curette

Catalog Number	Tip	Tip Size (#)	Handle	Length (in.)
MN042R	STR	000	9	15
MN043R	STR	00	9	15
MN044R	STR	0	9	15
MN045R	STR	1	9	15
MN046R	STR	2	9	15
MN047R	STR	3	9	15
MN048R	STR	4	9	15
MN049R	STR	5	9	15
MN050R	STR	6	9	15
MN051R	STR	7	9	15
MN052R	ANG	000	9	15
MN053R	ANG	00	0	15
MN054R	ANG	0	0	15
MN055R	ANG	1	9	15
MN056R	ANG	2	9	15
MN057R	ANG	3	9	15
MN058R	ANG	4	9	15
MN059R	ANG	5	9	15
MN060R	ANG	6	9	15
MN061R	ANG	7	9	15
MN062R	REVERSE ANG	000	9	15
MN063R	REVERSE ANG	00	9	15
MN064R	REVERSE ANG	0	9	15
MN065R	REVERSE ANG	1	9	15
MN066R	REVERSE ANG	2	9	15
MN067R	REVERSE ANG	3	9	15
MN068R	REVERSE ANG	4	9	15
MN069R	REVERSE ANG	5	9	15
MN070R	REVERSE ANG	6	9	15
MN071R	REVERSE ANG	7	9	15



MN042R-MN051R



MN052R-MN061R



MN062R-MN071R



INCHES

Orthopedics/Spine

Curettes and Microdissecting Instruments

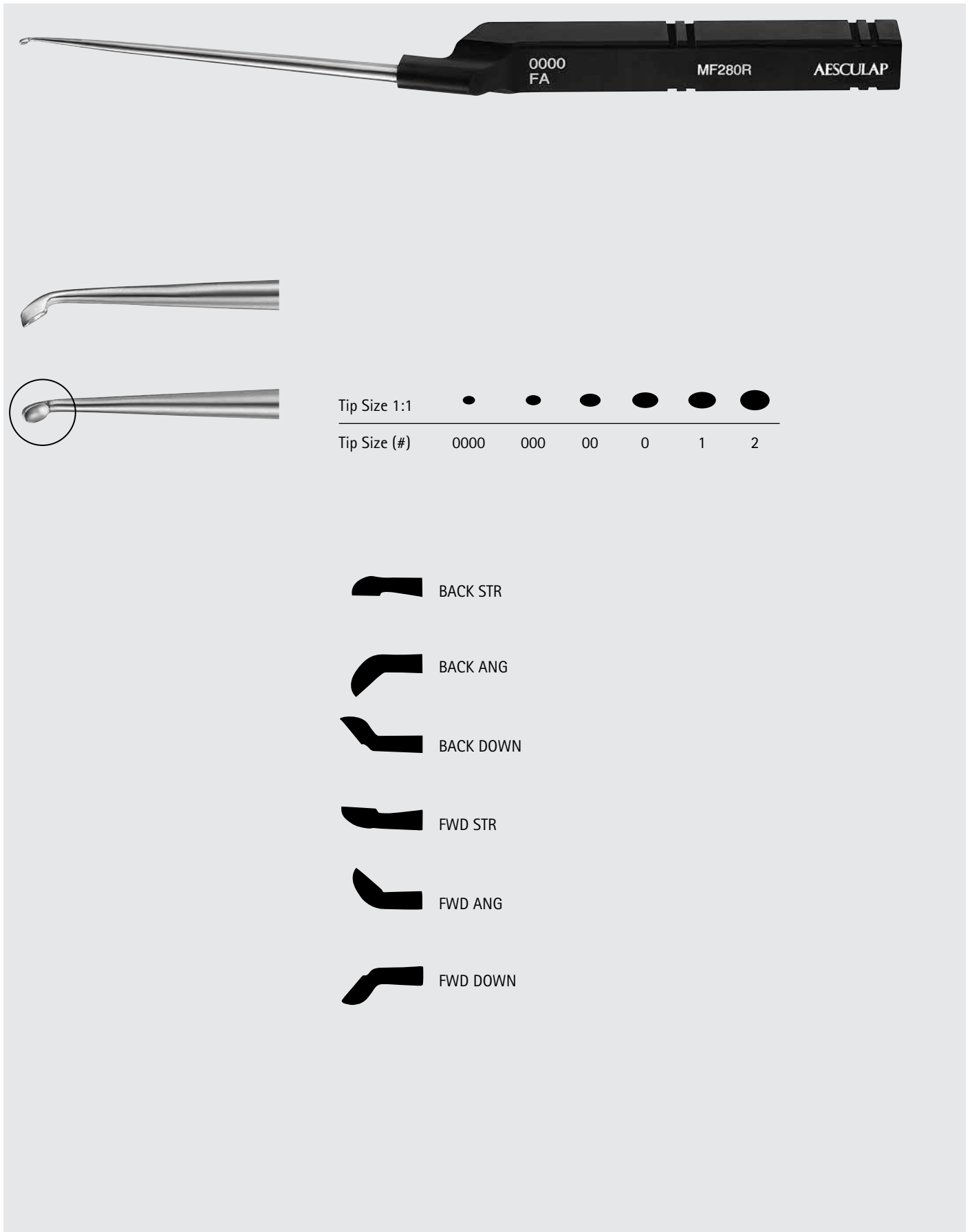
Micro Profile Instruments

Catalog Number	Description	Tip Size (#)	Tip	Length (in.)
MN087R	DISSECTOR	3 MM	STR	10 1/4
MN088R	DISSECTOR	5 MM	STR	10 1/4
MN077R	CURETTE	1	ANG	10 1/4
MN079R	CURETTE	2	ANG	10 1/4
MN081R	CURETTE	3	ANG	10 1/4
MN083R	CURETTE	4	ANG	10 1/4
MN085R	CURETTE	5	ANG	10 1/4
MN078R	CURETTE	1	REV-ANG	10 1/4
MN080R	CURETTE	2	REV-ANG	10 1/4
MN082R	CURETTE	3	REV-ANG	10 1/4
MN084R	CURETTE	4	REV-ANG	10 1/4
MN086R	CURETTE	5	REV-ANG	10 1/4



Orthopedics/Spine

Microdiscectomy Instruments



0000 FA MF280R AESCULAP

Tip Size 1:1						
Tip Size (#)	0000	000	00	0	1	2

- BACK STR
- BACK ANG
- BACK DOWN
- FWD STR
- FWD ANG
- FWD DOWN

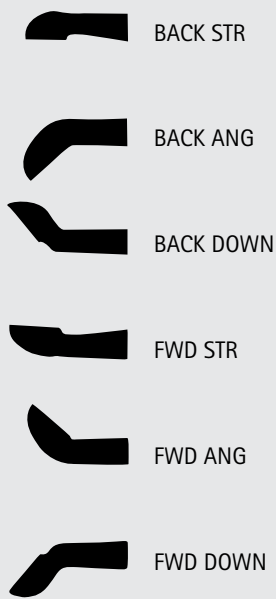


Orthopedics/Spine

Microdiscectomy Instruments

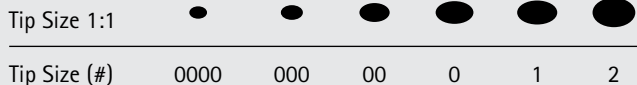
Microdiscectomy Cervical Instruments

Catalog Number	Tip Size (#)	Tip	Length (in.)
MF250	COMPLETE SET (Includes One Each of All Items Listed)		
MF251R	0	FWD STR	8 1/2
MF252R	00	FWD STR	8 1/2
MF253R	000	FWD STR	8 1/2
MF254R	0000	FWD STR	8 1/2
MF255R	Bone Cutter	FWD STR	8 1/2
MF256R	0	FWD ANG	8 1/2
MF257R	00	FWD ANG	8 1/2
MF258R	000	FWD ANG	8 1/2
MF259R	0000	FWD ANG	8 1/2
MF260R	Bone Cutter	FWD ANG	8 1/2
MF261R	0	BACK STR	8 1/2
MF262R	00	BACK STR	8 1/2
MF263R	000	BACK STR	8 1/2
MF264R	0000	BACK STR	8 1/2
MF265R	Bone Cutter	BACK STR	8 1/2
MF266R	0	BACK ANG	8 1/2
MF267R	00	BACK ANG	8 1/2
MF268R	000	BACK ANG	8 1/2
MF269R	0000	BACK ANG	8 1/2
MF270R	Bone Cutter	BACK ANG	8 1/2
MF321R		MICRO NERVE HOOK	8 1/2
MF322R		ULTRA MICRO NERVE HOOK	8 1/2
MF323R		BONE WAXER	8 1/2
MF320	Case - 12 Instruments (Set includes 2 cases)		



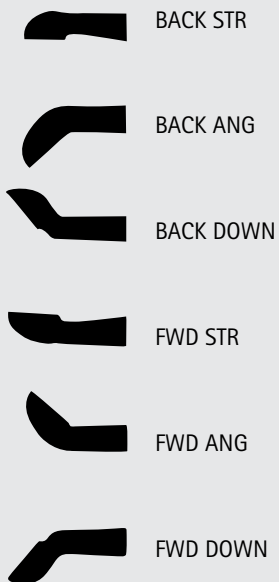
Microdiscectomy Cervical Long Instruments

Catalog Number	Tip Size (#)	Tip	Length (in.)
MF271	COMPLETE SET (Includes One Each of All Items Listed)		
MF272R	0	FWD STR	9 1/2
MF273R	00	FWD STR	9 1/2
MF274R	000	FWD STR	9 1/2
MF275R	0000	FWD STR	9 1/2
MF276R	Bone Cutter	FWD STR	9 1/2
MF277R	0	FWD ANG	9 1/2
MF278R	00	FWD ANG	9 1/2
MF279R	000	FWD ANG	9 1/2
MF280R	0000	FWD ANG	9 1/2
MF281R	Bone Cutter	FWD ANG	9 1/2
MF282R	0	BACK STR	9 1/2
MF283R	00	BACK STR	9 1/2
MF284R	000	BACK STR	9 1/2
MF285R	0000	BACK STR	9 1/2
MF286R	Bone Cutter	BACK STR	9 1/2
MF287R	0	BACK ANG	9 1/2
MF288R	00	BACK ANG	9 1/2
MF289R	000	BACK ANG	9 1/2
MF290R	0000	BACK ANG	9 1/2
MF291R	Bone Cutter	BACK ANG	9 1/2
MF292R		NERVE HOOK	9 1/2
MF293R		ULTRA MICRO NERVE HOOK	9 1/2
MF294R			9 1/2
MF320	Case - 12 Instruments (Set includes 2 cases)		



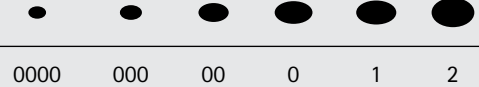
Microdiscectomy Lumbar Instruments

Catalog Number	Tip Size (#)	Tip	Length (in.)
MF295	COMPLETE SET (Includes One Each of All Items Listed)		
MF296R	0	FWD STR	9 1/2
MF297R	1	FWD STR	9 1/2
MF298R	2	FWD STR	9 1/2
MF299R	0	FWD ANG	9 1/2
MF300R	1	FWD ANG	9 1/2
MF301R	2	FWD ANG	9 1/2
MF302R	0	FWD DOWN	9 1/2
MF303R	1	FWD DOWN	9 1/2
MF304R	2	FWD DOWN	9 1/2
MF305R	0	BACK STR	9 1/2
MF306R	1	BACK STR	9 1/2
MF307R	2	BACK STR	9 1/2
MF308R	0	BACK ANG	9 1/2
MF309R	1	BACK ANG	9 1/2
MF310R	2	BACK ANG	9 1/2
MF311R	0	BACK DOWN	9 1/2
MF312R	1	BACK DOWN	9 1/2
MF313R	2	BACK DOWN	9 1/2
MF314R		#1 PENFIELD	9 1/2
MF315R		#2 PENFIELD	9 1/2
MF316R		NERVE HOOK	9 1/2
MF317R		#4 PENFIELD	9 1/2
MF318R		BONE WAXER	9 1/2
MF319R		SPINE PROBE	9 1/2
MF320	Case - 12 Instruments (Set includes 2 cases)		

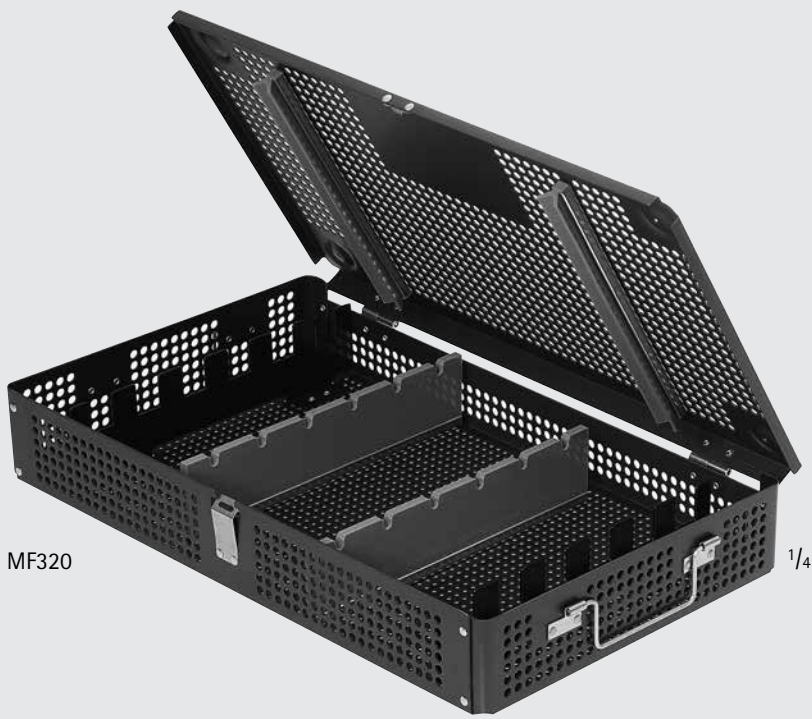


Tip Size 1:1

Tip Size (#)



Orthopedics/Spine
Microdiscectomy Instruments



Storage Case for Microdiscectomy Instruments

Catalog Number
MF320





FB141R-FB143R

LEMMON Intima Dissector

Catalog Number	Tip	Length (in.)
FB141R	SLIGHT-CVD	6 1/2
FB142R	CVD	6 1/2
FB143R	HEAVY-CVD	6 1/2



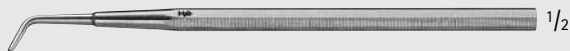
FB141R



FB142R



FB143R



MB456R

BUNNELL Dissecting Probe

Catalog Number	Tip	Length (in.)
MB456R	ANG	5 1/2



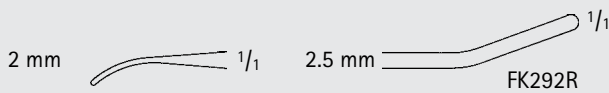
MB456R



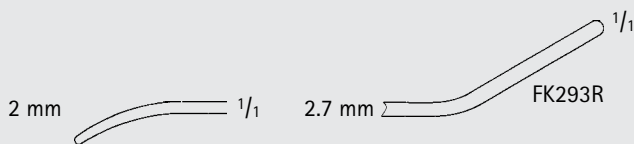
FK292R-FK293R

WATSON-CHEYNE Dissector, Double Ended

Catalog Number	Blade Size (mm)	Length (in.)
FK292R	2 / 2.5	5 1/8
FK293R	2 / 2.7	7 1/2



FK292R



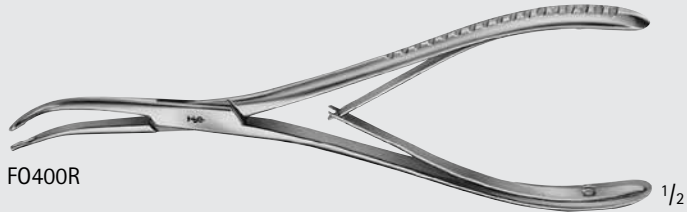
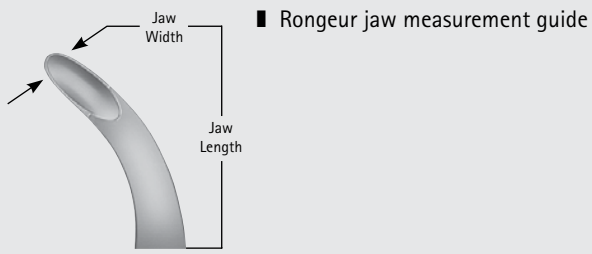
FK293R



INCHES

Orthopedics/Spine

Rongeurs



STELLBRINK Synovectomy Rongeur

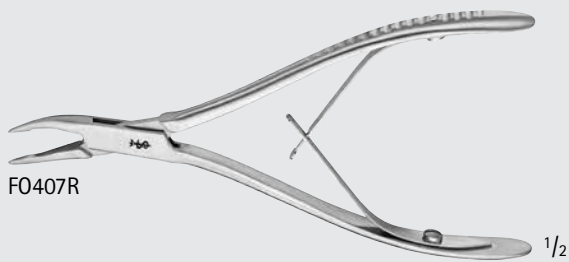
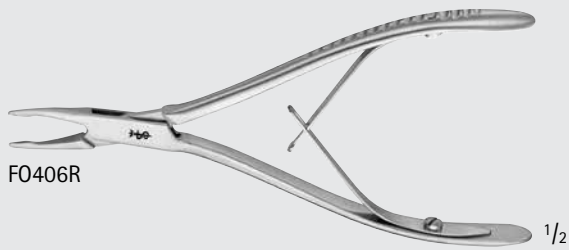
Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO399R	2.0 x 39.5	SLIGHT-CVD	6 7/8
FO400R	2 x 33	CVD	6 3/4



Synovectomy Rongeur

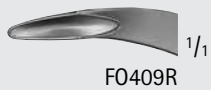
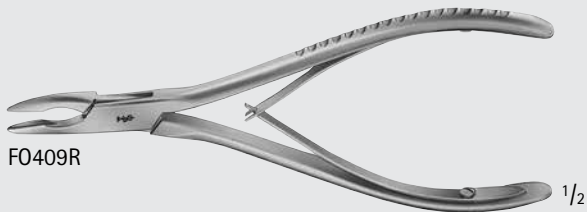
Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO599R	1.8 x 24	CVD	5 1/8





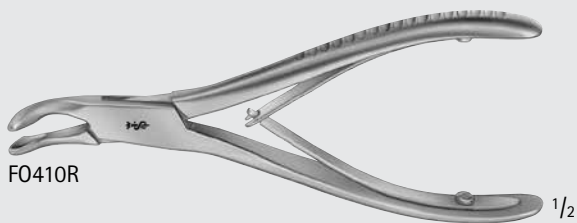
FRIEDMANN Micro Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO406R	1.3 x 19	STR	5 1/2
FO407R	1.3 x 20	CVD	5 1/2



LUER-FRIEDMANN Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO409R	2.2 x 22	CVD	5 3/4



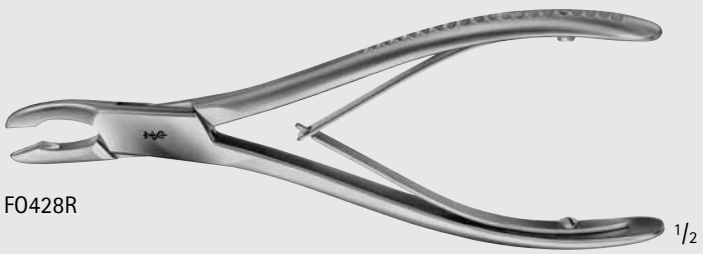
Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO410R	3.8 x 19	CVD	5 1/2



Orthopedics/Spine

Rongeurs



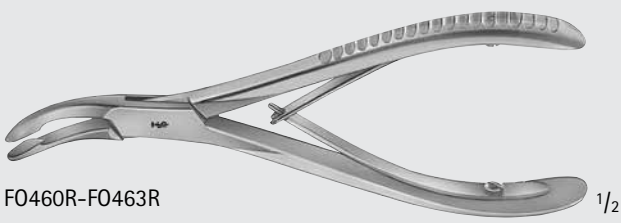
FO428R



FO428R

HAKANSSON Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO428R	4.5 x 24	CVD	6 3/4



FO460R-FO463R



FO460R



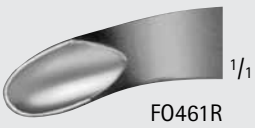
FO462R



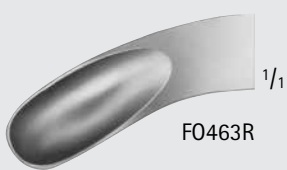
FO411R



FO412R



FO461R



FO463R

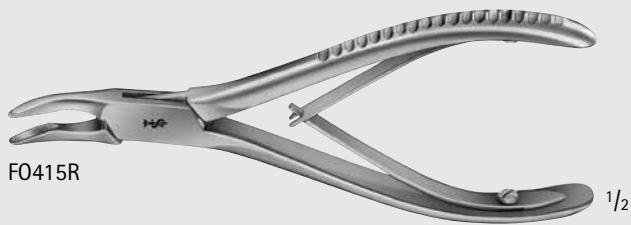
LUER Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO460R	7.5 x 25	STR	6 7/8
FO462R	9.5 x 33	STR	7
FO411R	4.2 x 20	CVD	6
FO412R	4.2 x 26	STRONG CVD	6 1/8
FO461R	7.5 x 24.5	CVD	6 7/8
FO463R	9.0 x 30	CVD	7



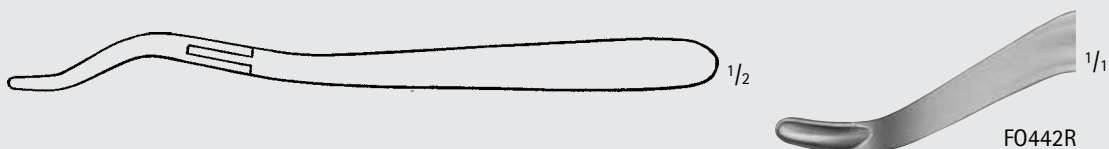
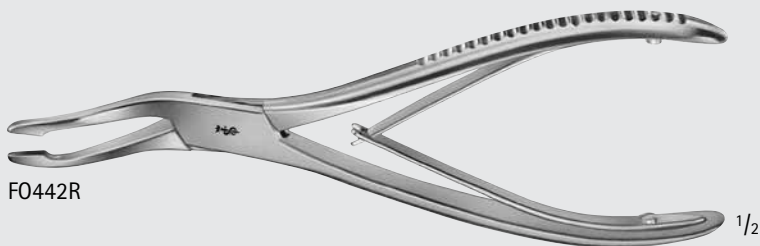
BLUMENTHAL Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO415R	3.5 x 25	30° CVD	6 1/8
FO416R	3.5 x 22	45° CVD	6



JANSEN Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO430R	4.2 x 35	STR	6 7/8
FO432R	4.5 x 30	CVD	6 7/8
FO442R	3.8 x 37	ANG	7 1/2



Orthopedics/Spine

Rongeurs



FO440R

1/2

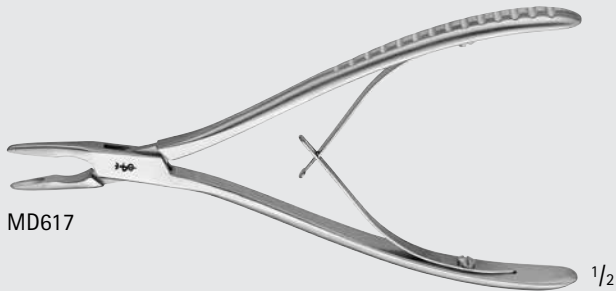


FO440R

1/1

ALEXANDER Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO440R	3.2 x 27	ANG	5 1/2



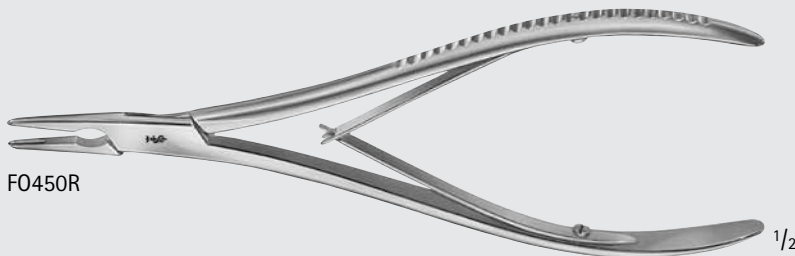
MD617

1/2



MD617

1/1



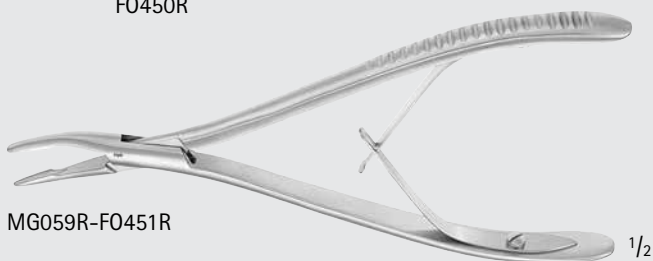
FO450R

1/2



FO450R

1/1



MG059R-FO451R

1/2



MG059R

1/1



FO451R

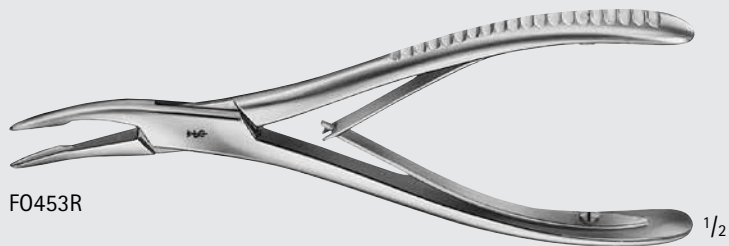
1/1

LEMPERT Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MD617	2.0 x 23	DEL, STR	6 1/2
FO450R	2.2 x 27	STR	7 7/8
MG059R	2.5 x 30	CVD	6 1/4
FO451R	2.2 x 27	CVD	7 7/8

BEYER Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0453R	3.2 x 32	CVD	7



F0453R

1/2

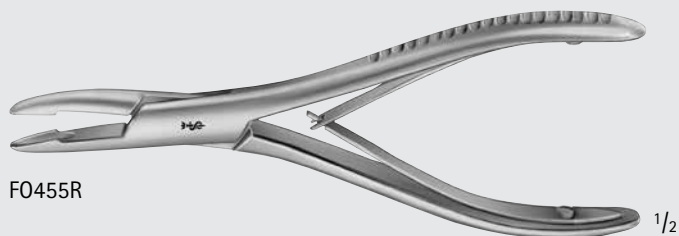


F0453R

1/1

MEAD Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0455R	3.5 x 30	CVD	6 1/2



F0455R

1/2

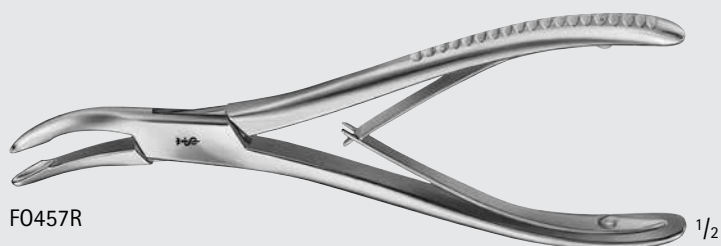


F0455R

1/1

BANE-HARTMANN Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0457R	4.0 x 32	CVD	6 7/8



F0457R

1/2



F0457R

1/1

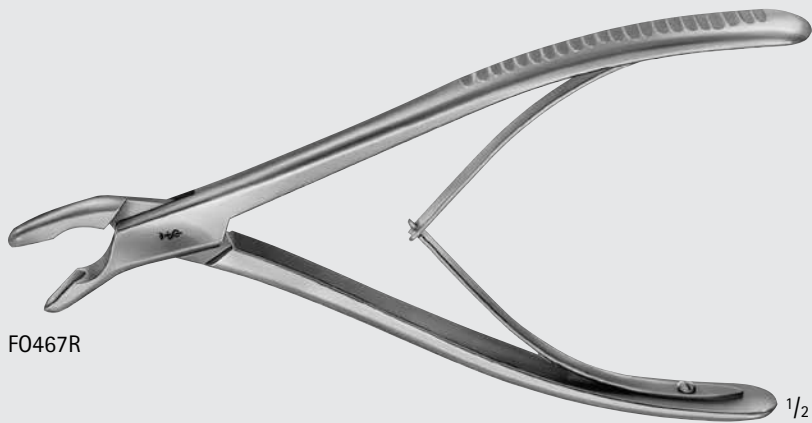


ORTHO
SPINE

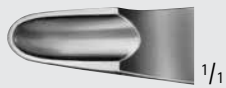
INCHES

Orthopedics/Spine

Rongeurs



FO467R



FO467R

TROTTER Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO467R	6.5 x 24	CVD	8



FO470R



FO470R

OLIVECRONA Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO470R	5.0 x 36.5	CVD	8



FO472R

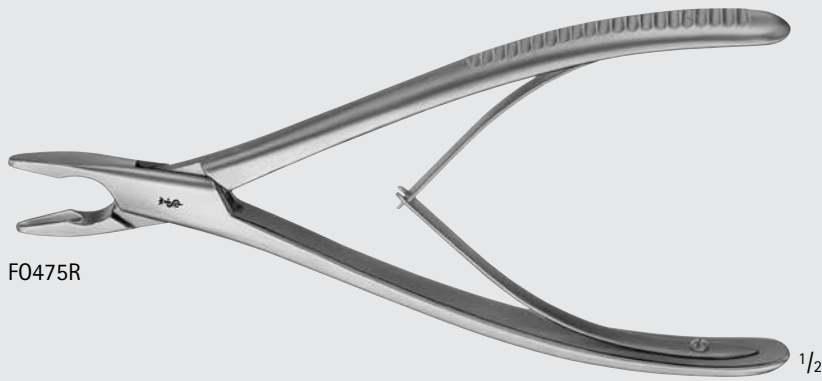


FO472R

GULEKE Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO472R	6.5 x 27	CVD	8





FO475R

1/2

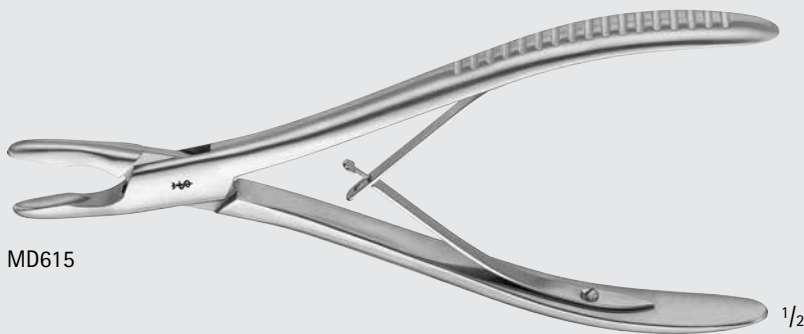


1/1

FO475R

PENNYBACKER Bone Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO475R	4.0 x 26	STR	8



MD615

1/2



1/1

MD615

ADSON Cranial Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MD615	21.0 x 31.5	STR	7 7/8



MG060R

1/2



1/1

MG060R

KLEINERT-KUTZ Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MG060R	3.0 x 15.0	SLIGHT, CVD	6 1/8

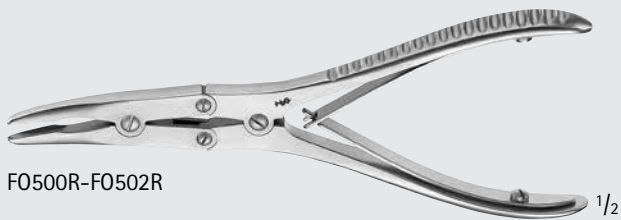


ORTHO
SPINE

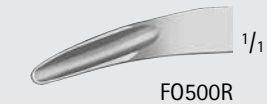
INCHES

Orthopedics/Spine

Rongeurs



FO500R-FO502R



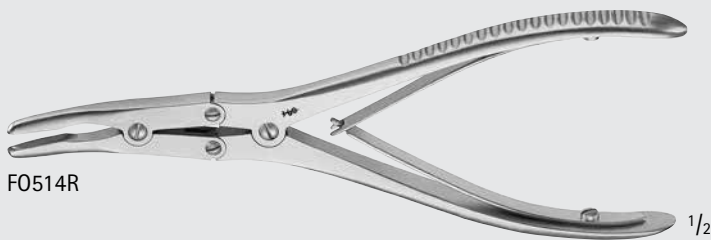
FO500R



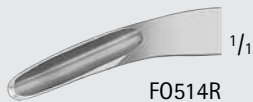
FO502R

BOEHLER Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Jaw End	Length (in.)
FO500R	3.0 x 27.0	CVD	NARR	6 1/8
FO502R	3.5 x 30.0	CVD	WIDE	6 1/8



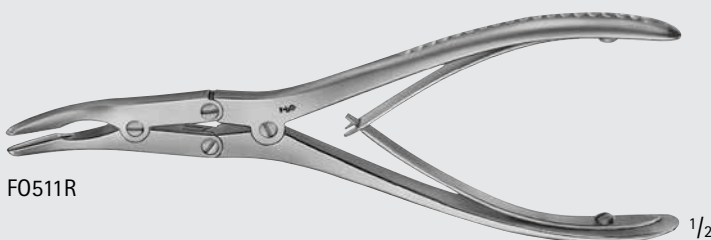
FO514R



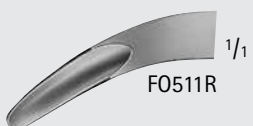
FO514R

BEYER Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO514R	4.0 x 30.0	CVD	7



FO511R



FO511R

MAYFIELD Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO511R	3.5 x 23	CVD	6 7/8

ORTHO
SPINE

MILLIMETERS



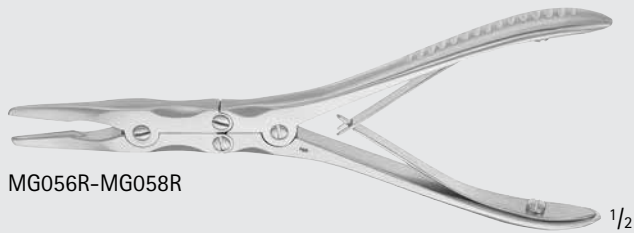
FO515R



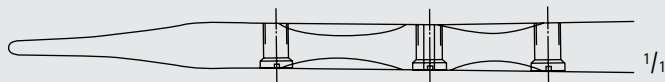
FO515R

ZAUFAL-JANSEN Bone Rongeur, Double Action

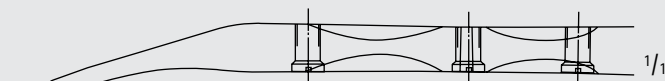
Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO515R	4.5 x 29.0	CVD	7



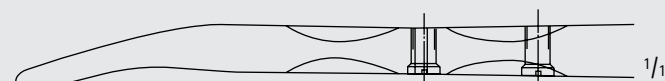
MG056R-MG058R



MG056R



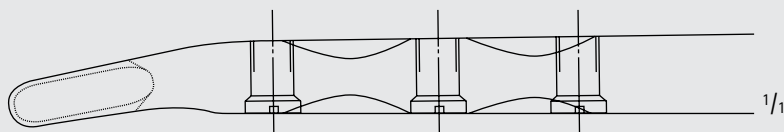
MG057R



MG058R



MG579R, FO518R



MG579R, FO518R

RUSKIN Bone Rongeur, Double Action

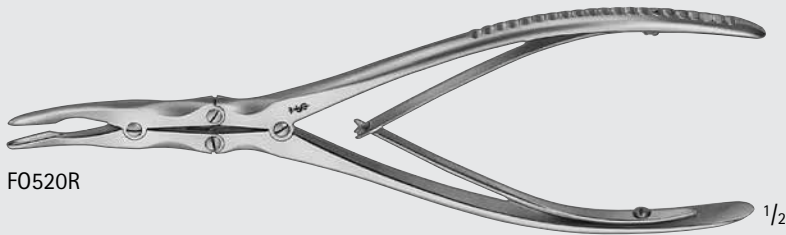
Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MG056R	2	STR, MINI	6 1/4
MG057R	2	CVD, MINI	6 1/4
MG058R	3	CVD, MINI	6 1/4
FO518R	5	CVD	7 1/2
MG579R	6	CVD	7 1/4



INCHES

Orthopedics/Spine

Rongeurs



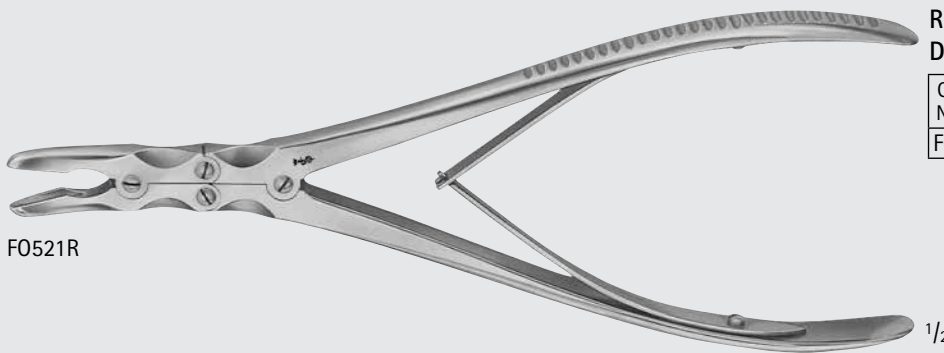
F0520R



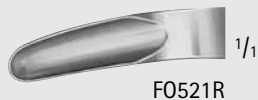
F0520R

MARQUARDT Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0520R	3.5 x 15.5	CVD	7 7/8



F0521R



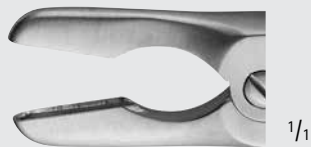
F0521R

ROETTGEN-RUSKIN Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0521R	6.3 x 30	CVD	9 1/2



MG577R

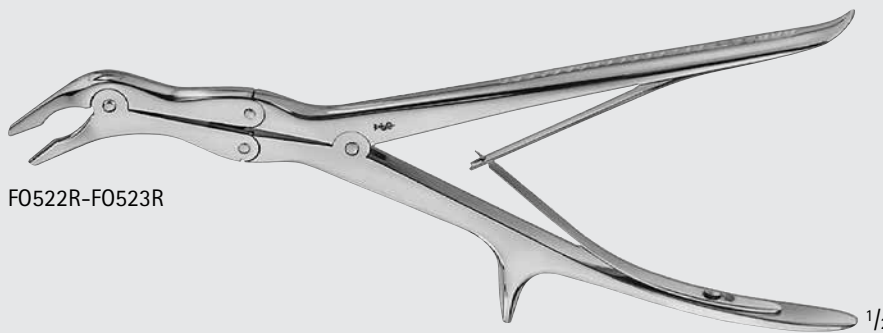


MG577R

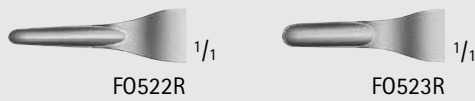
SMITH-PETERSON Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MG577R	3	STR	9 1/2



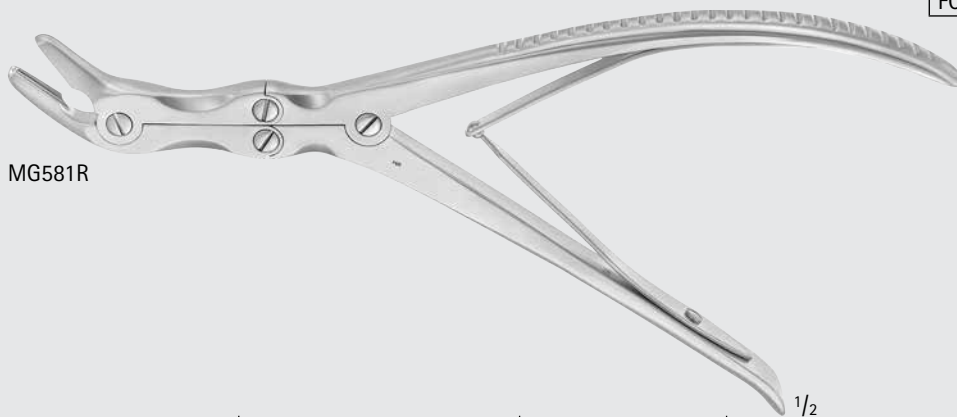


F0522R-F0523R

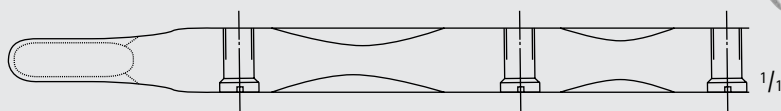


ECHLIN Bone Rongeur, Double Action, Duckbill

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0522R	2 x 10	ANG	9
F0523R	3 x 10	ANG	9



MG581R



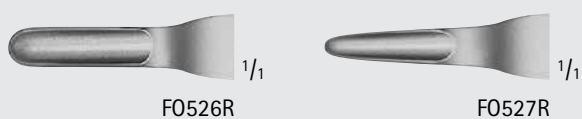
MG581R

LEKSELL Bone Rongeur, Double Action, Duckbill

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
MG581R	5	FULL CVD	9
F0526R	5 x 16	ANG	9 5/8
F0527R	3 x 16	ANG	9 5/8



F0526R-F0527R



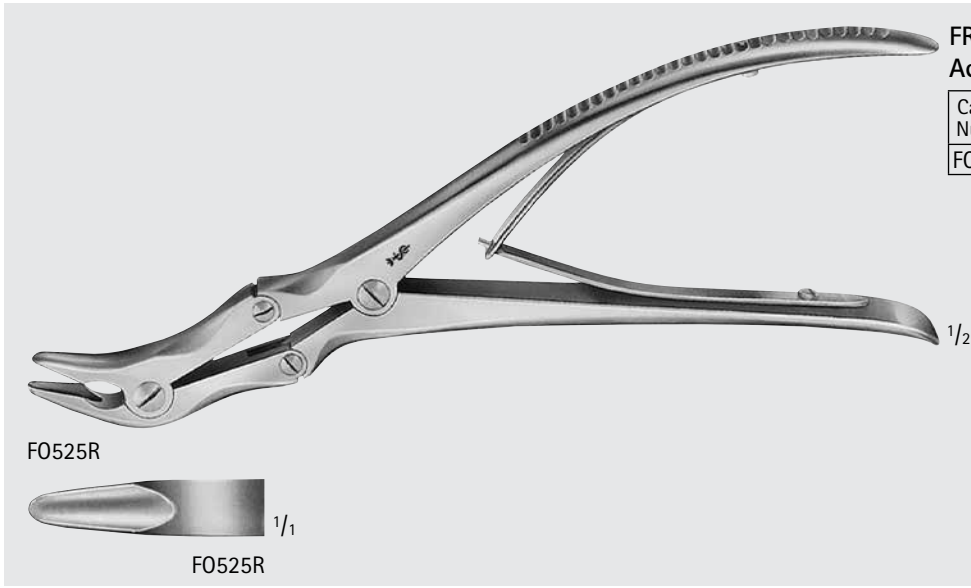
F0526R

F0527R



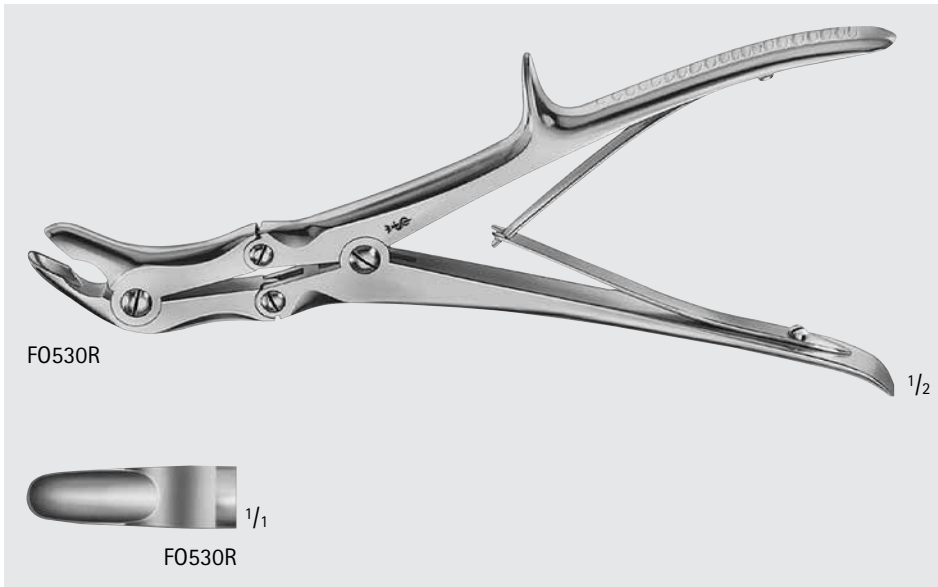
Orthopedics/Spine

Rongeurs



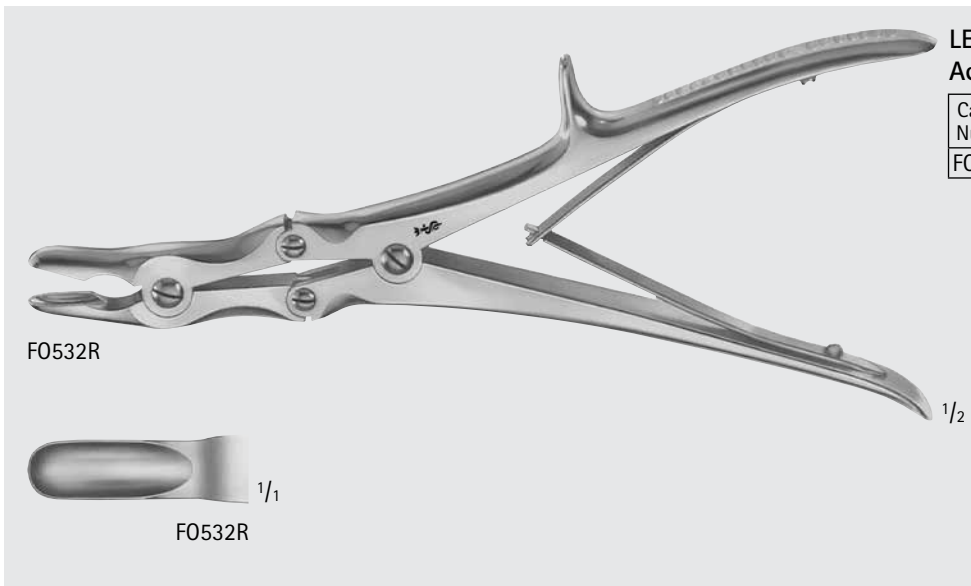
FRYKHOLM Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0525R	4.5 x 25	ANG	9 1/2



STILLE Bone Rongeur, Double Action, Duckbill

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0530R	7.0 x 25	ANG	9

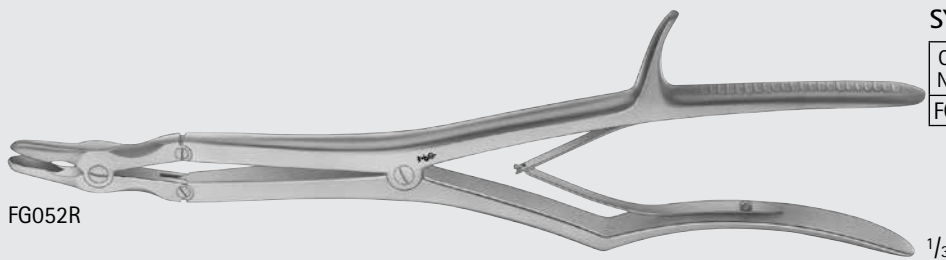


LEKSELL-STILLE Bone Rongeur, Double Action, Duckbill

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0532R	7.5 x 29.5	ANG	9 1/2

SYPERT Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FG052R	8.0 x 35.0	ANG	14 1/4



FG052R

1/3

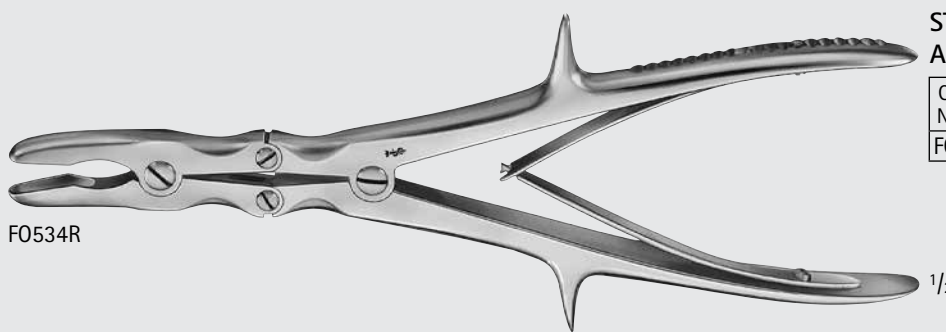


FG052R

1/1

STILLE-RUSKIN Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
F0534R	8.0 x 34.0	CVD	9 1/2



F0534R

1/2



F0534R

1/1

SAUERBRUCH-CORYLLOS Rongeur, Double Action

Catalog Number	Length (in.)
F0570R	12 1/4
F0572R	12 1/4



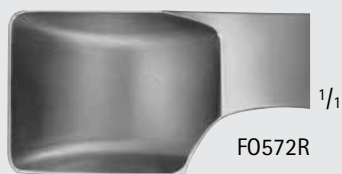
F0570R-F0572R

1/3



F0570R

1/1



F0572R

1/1

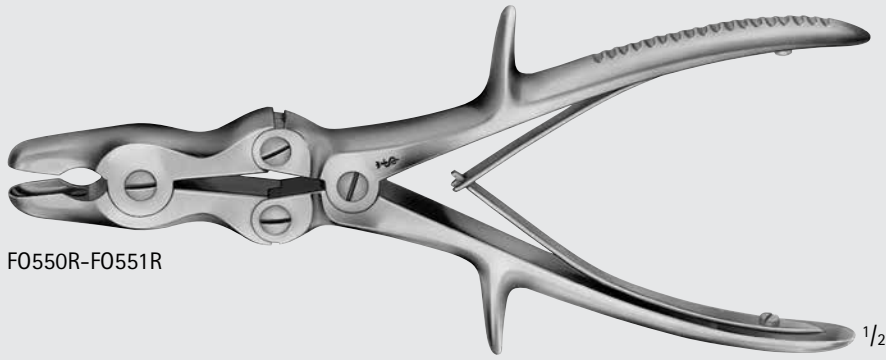


ORTHO
SPINE

INCHES

Orthopedics/Spine

Rongeurs



FO550R-FO551R

LUER-STILLE Bone Rongeur, Double Action

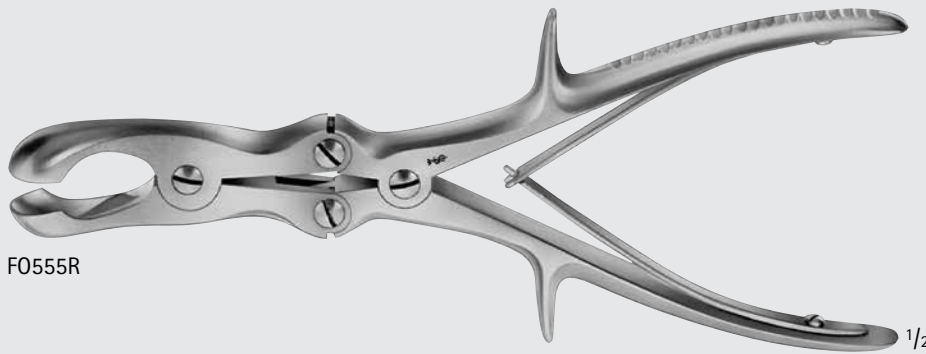
Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO550R	10.5 x 27.5	STR	8 7/8
FO551R	10 x 26.5	CVD	8 7/8



FO550R



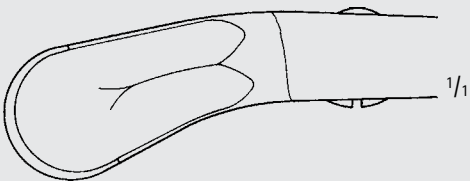
FO551R



FO555R

SEMB Bone Rongeur, Double Action

Catalog Number	Jaw Size (mm)	Jaw	Length (in.)
FO555R	16.5 x 38.5	CVD	9 1/2

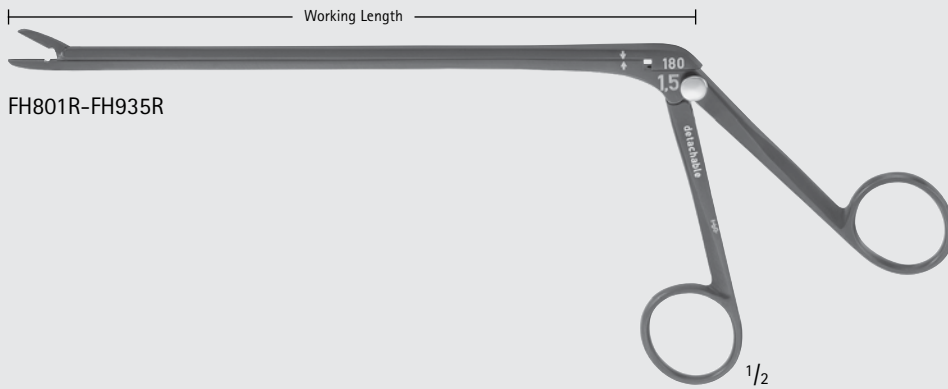


1/1



FO555R





FH801R-FH935R



straight



up



Noir Detachable Rongeurs

Working Length (in.)	Jaw	Jaw	1.5 mm	2.0 mm	3.0 mm	4.0 mm	5.0 mm
6		STR	FH801B	FH802B	FH803B	FH804B	FH805B
6		UP	FH901B	FH902B	FH903B	FH904B	FH905B
7		STR	FH811B	FH812B	FH813B	FH814B	FH815B
7		UP	FH911B	FH912B	FH913B	FH914B	FH915B
7 7/8		STR	FH821B	FH822B	FH823B	FH824B	FH825B
7 7/8		UP	FH921B	FH922B	FH923B	FH924B	FH925B
9		STR	FH891B	FH892B	FH893B	FH894B	FH895B
9		UP	FH931B	FH932B	FH933B	FH934B	FH935B
11		STR	-	-	FH837B	FH838B	FH839B



INCHES

Orthopedics/Spine

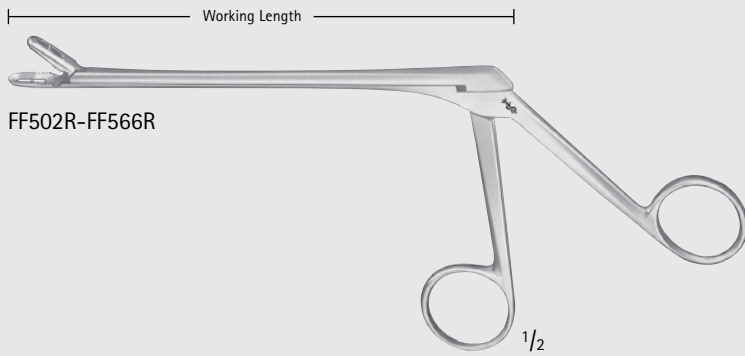
Noir™ Rongeurs





Noir Detachable Rongeur


Working Length (in.)	Jaw	Jaw	1.5 mm	2.0 mm	3.0 mm	4.0 mm	5.0 mm
6		STR	FH851B	FH852B	FH853B	FH854B	FH855B
7		UP	FH951B	FH952B	FH953B	FH954B	FH955B
7		STR	FH861B	FH862B	FH863B	FH864B	FH865B
7		UP	FH961B	FH962B	FH963B	FH964B	FH965B
7 7/8		STR	FH871B	FH872B	FH873B	FH874B	FH875B
7 7/8		UP	FH971B	FH972B	FH973B	FH974B	FH975B
9		STR	FH881B	FH882B	FH883B	FH884B	FH885B
9		UP	FH981B	FH982B	FH983B	FH984B	FH985B
11		STR	-	-	FH847B	FH848B	FH849B




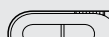


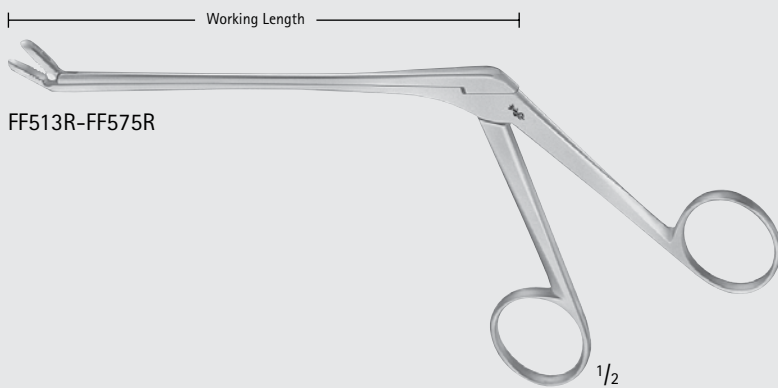
 1/1
FF502R, FF532R, FF562R


 1/1
FF503R, FF533R, FF563R

 1/1
FF504R, FF534R, FF564R


 1/1
FF535R, FF565R

 1/1
FF536R, FF566R



 1/1
FF513R, FF543R, FF573R

 1/1
FF514R, FF544R, FF574R

 1/1
FF545R, FF575R

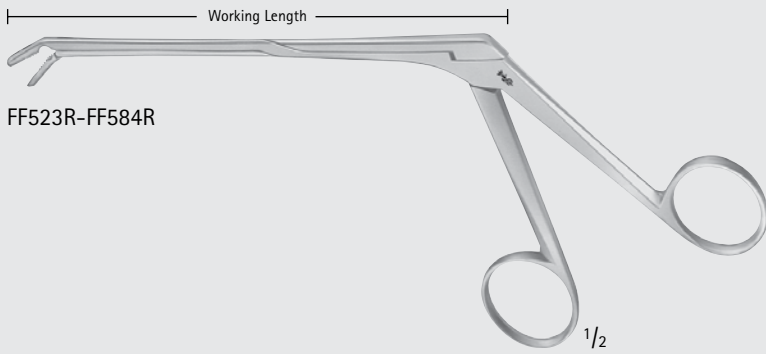
CASPAR Rongeur W/ Teeth

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF502R	2 x 12	STR	5 1/2
FF532R	2 x 12	STR	6 1/4
FF562R	2 x 12	STR	7 1/4
FF503R	3 x 12	STR	5 1/2
FF533R	3 x 12	STR	6 1/4
FF563R	3 x 12	STR	7 1/4
FF504R	4 x 14	STR	5 1/2
FF534R	4 x 14	STR	6 1/4
FF564R	4 x 14	STR	7 1/4
FF535R	5 x 14	STR	6 1/4
FF565R	5 x 14	STR	7 1/4
FF536R	6 x 16	STR	6 1/4
FF566R	6 x 16	STR	7 1/4
FF513R	3 x 12	UP	5 1/2
FF543R	3 x 12	UP	6 1/4
FF573R	3 x 12	UP	7 1/4
FF514R	4 x 14	UP	5 1/2
FF544R	4 x 14	UP	6 1/4
FF574R	4 x 14	UP	7 1/4
FF545R	5 x 14	UP	6 1/4
FF575R	5 x 14	UP	7 1/4



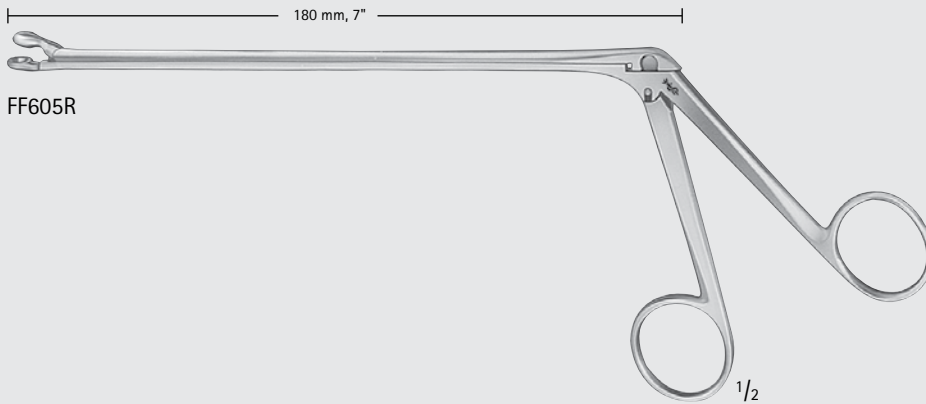
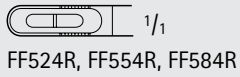
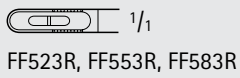
Orthopedics/Spine

Rongeurs



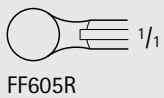
CASPAR Rongeur W/ Teeth (continued)

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF523R	3 x 12	DOWN	5 1/2
FF553R	3 x 12	DOWN	6 1/4
FF583R	3 x 12	DOWN	7 1/4
FF524R	4 x 14	DOWN	5 1/2
FF554R	4 x 14	DOWN	6 1/4
FF584R	4 x 14	DOWN	7 1/4



OLDBERG Rongeur

Catalog Number	Diameter (mm)	Working Length (in.)
FF605R	7.0	7



195 mm, 7 1/2"

FF599R-FF600R

1/16

FF599R

1/16

FF600R

YASARGIL Rongeur

Catalog Number	Diameter (mm)	Working Length (in.)
FF599R	2.2	7 1/2
FF600R	3.5	7 1/2

140 mm, 5 1/2"

FF765R

1/16

FF765R

BECK Rongeur

Catalog Number	Jaw Size (mm)	Working Length (in.)
FF765R	2 x 10	5 1/8

210 mm, 8 1/4"

FF808R

1/16

FF808R

WAGNER Rongeur

Catalog Number	Jaw Size (mm)	Working Length (in.)
FF808R	5.5	8 1/4



ORTHO
SPINE

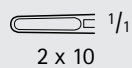
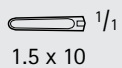
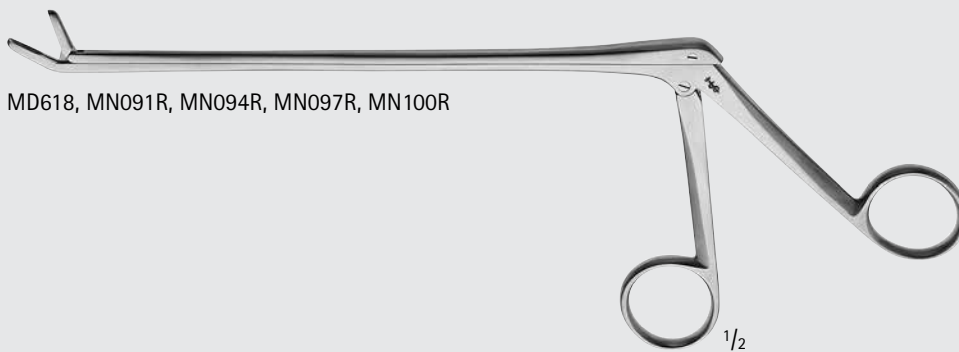
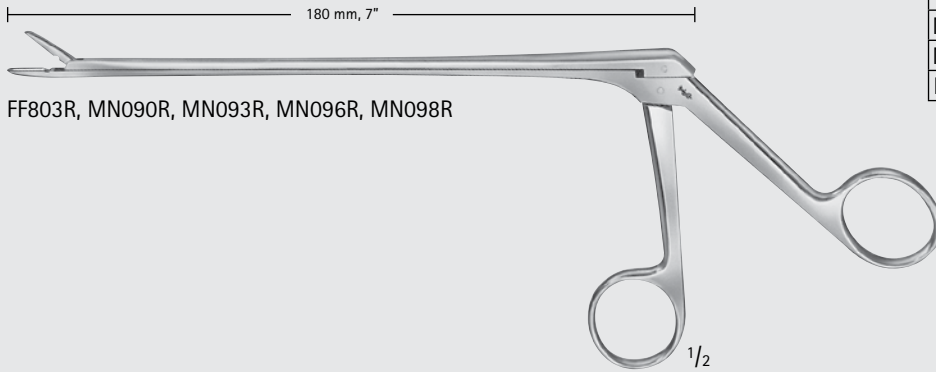
INCHES

Orthopedics/Spine

Rongeurs

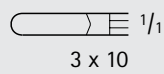
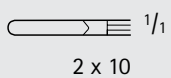
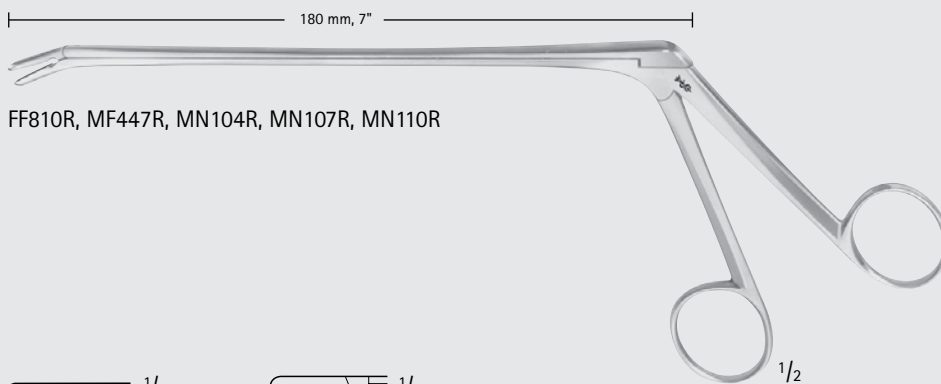
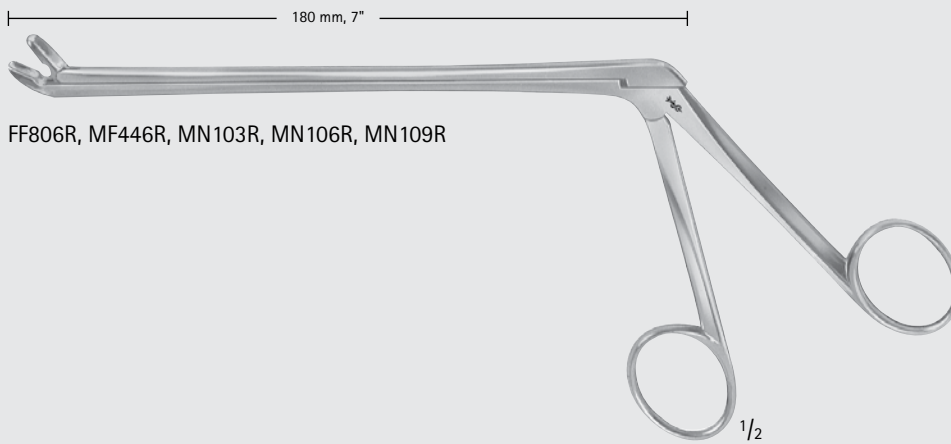
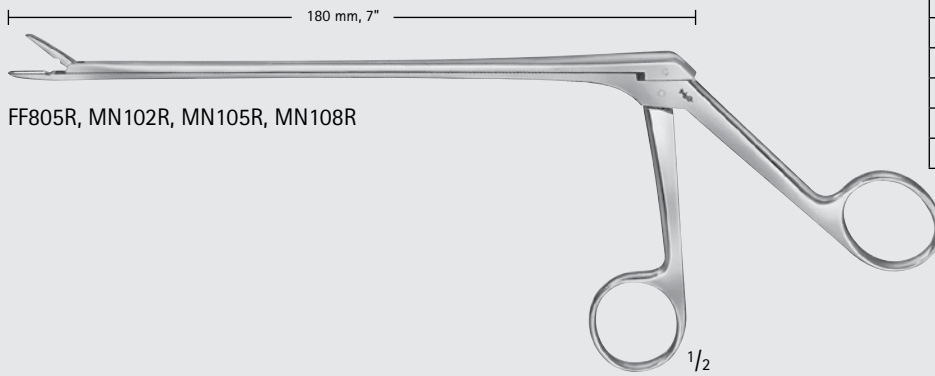
CUSHING Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Style	Working Length (in.)
MD537R	1.5 x 10	STR	STANDARD	7
MN090R	1.5 x 10	STR	DELICATE	9
FF803R	2 x 10	STR	-	7
MN093R	2 x 10	STR	STANDARD	9
MN096R	2 x 10	STR	STANDARD	11
MN099R	2 x 10	STR	STANDARD	12
MD538R	1.5 x 10	UP	STANDARD	7
MD618	2 x 10	UP	-	7
MN091R	1.5 x 10	UP	DELICATE	9
MN094R	2 x 10	UP	STANDARD	9
MN097R	2 x 10	UP	STANDARD	11
MN100R	2 x 10	UP	STANDARD	12
MD539R	1.5 x 10	DOWN	STANDARD	7
MN092R	1.5 x 10	DOWN	DELICATE	9
MD619	2 x 10	DOWN	-	7
MN095R	2 x 10	DOWN	STANDARD	9
MN098R	2 x 10	DOWN	STANDARD	11
MN101R	2 x 10	DOWN	STANDARD	12



LOVE-GRUENWALD Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF805R	3 x 10	STR	7
MN102R	3 x 10	STR	9
MN105R	3 x 10	STR	11
MN108R	3 x 10	STR	12
MF446R	2 x 10	UP	5
FF806R	3 x 10	UP	7
MN103R	3 x 10	UP	9
MN106R	3 x 10	UP	11
MN109R	3 x 10	UP	12
MF447R	2 x 10	DOWN	5
FF810R	3 x 10	DOWN	7
MN104R	3 x 10	DOWN	9
MN107R	3 x 10	DOWN	11
MN110R	3 x 10	DOWN	12

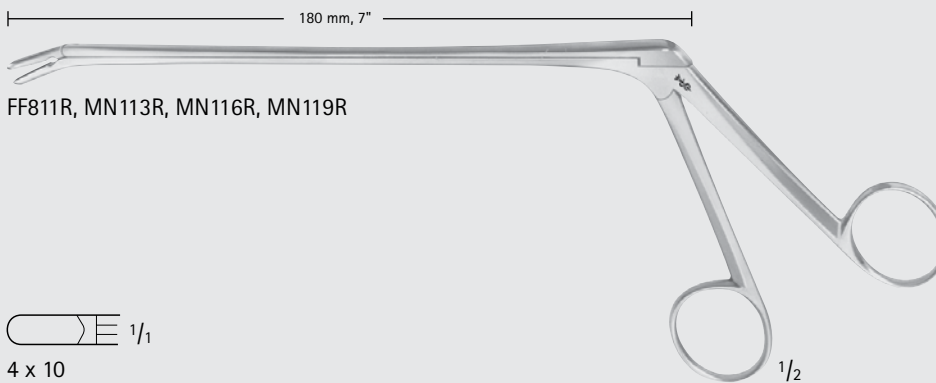
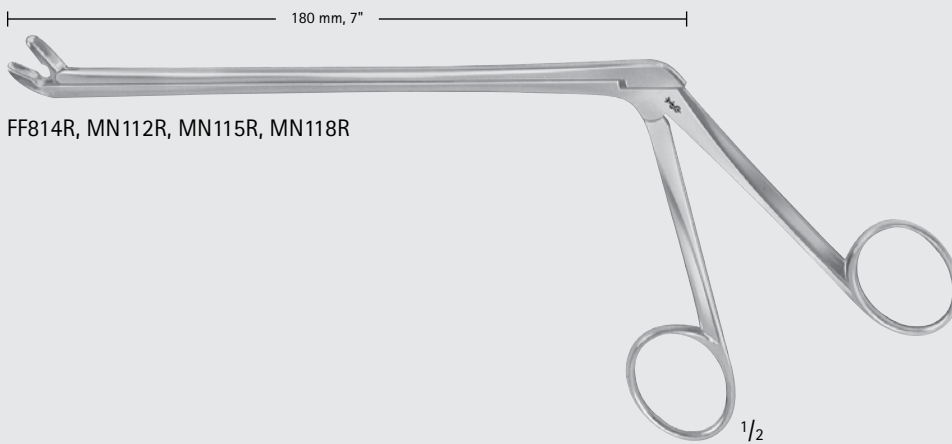
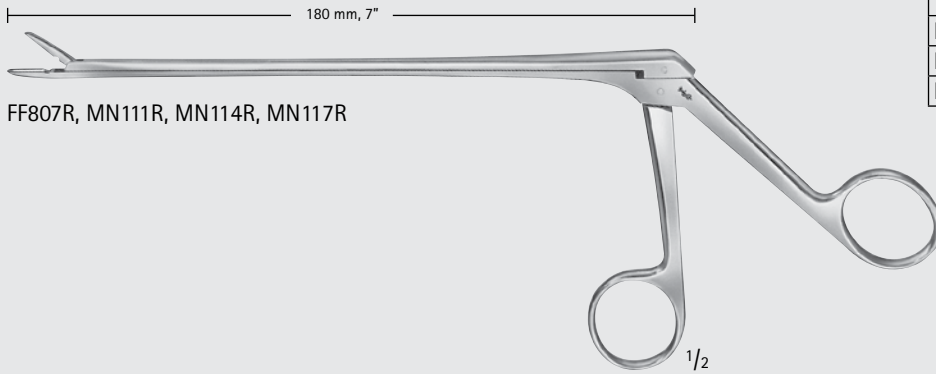


Orthopedics/Spine

Rongeurs

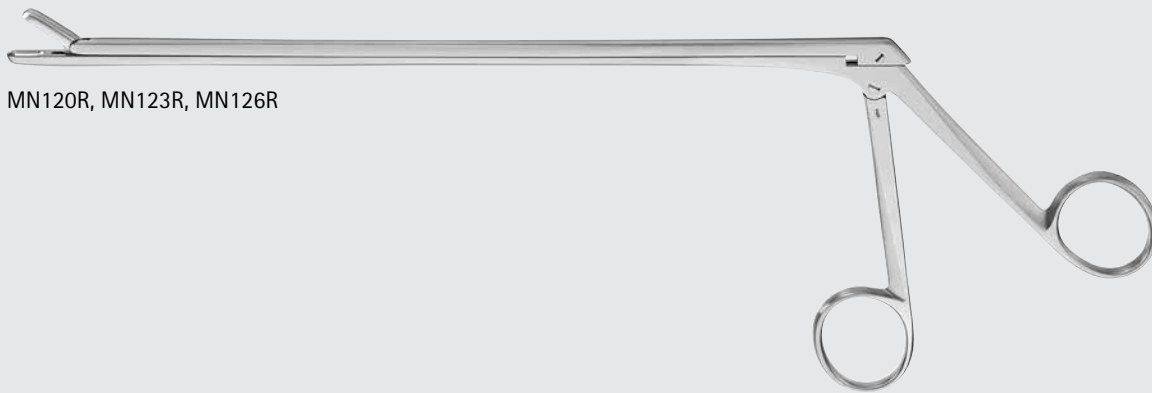
SPURLING Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF807R	4 x 10	STR	7
MN111R	4 x 10	STR	9
MN114R	4 x 10	STR	11
MN117R	4 x 10	STR	12
FF814R	4 x 10	UP	7
MN112R	4 x 10	UP	9
MN115R	4 x 10	UP	11
MN118R	4 x 10	UP	12
FF811R	4 x 10	DOWN	7
MN113R	4 x 10	DOWN	9
MN116R	4 x 10	DOWN	11
MN119R	4 x 10	DOWN	12



IVD Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MN120R	5 x 10	STR	9
MN123R	5 x 10	STR	11
MN126R	5 x 10	STR	12
MN121R	5 x 10	UP	9
MN124R	5 x 10	UP	11
MN127R	5 x 10	UP	12
MN122R	5 x 10	DOWN	9
MN125R	5 x 10	DOWN	11
MN128R	5 x 10	DOWN	12



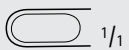
MN120R, MN123R, MN126R



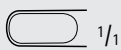
MN121R, MN124R, MN127R



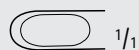
MN122R, MN125R, MN128R



MN120R, MN123R, MN126R



MN121R, MN124R, MN127R



MN122R, MN125R, MN128R



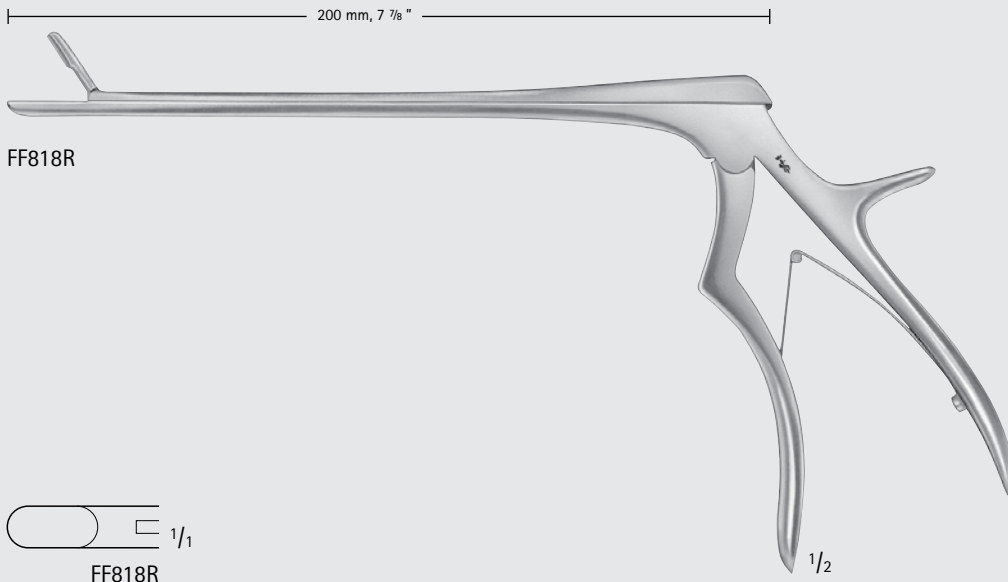
INCHES

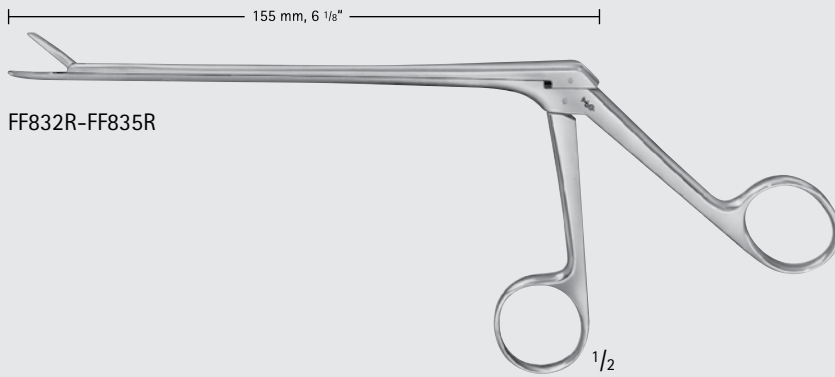
Orthopedics/Spine

Rongeurs

WAGNER Rongeur

Catalog Number	Jaw Size (mm)	Working Length (in.)
FF818R	5.5	7 7/8

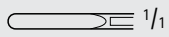




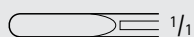
FF832R-FF835R

CASPAR Rongeur

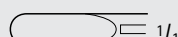
Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF832R	2.0	STR	6 1/8
FF833R	3.0	STR	6 1/8
FF834R	4.0	STR	6 1/8
FF835R	5.0	STR	6 1/8
FF842R	2.0	UP	6 1/8
FF843R	3.0	UP	6 1/8
FF844R	4.0	UP	6 1/8
FF852R	2.0	DOWN	6 1/8
FF853R	3.0	DOWN	6 1/8
FF854R	4.0	DOWN	6 1/8



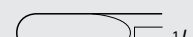
FF832R, FF842R, FF852R



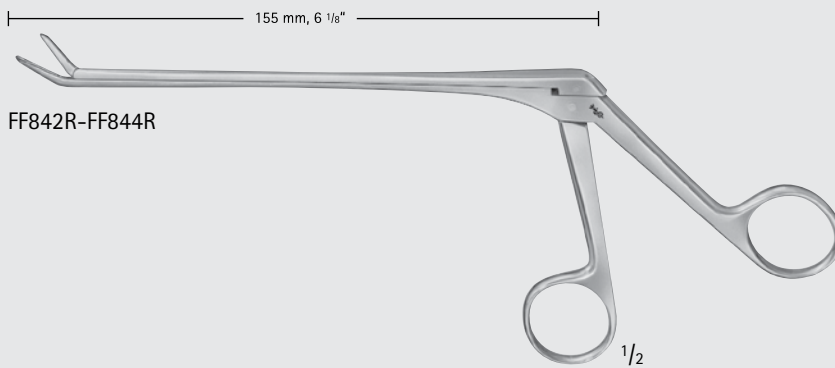
FF833R, FF843R, FF853R



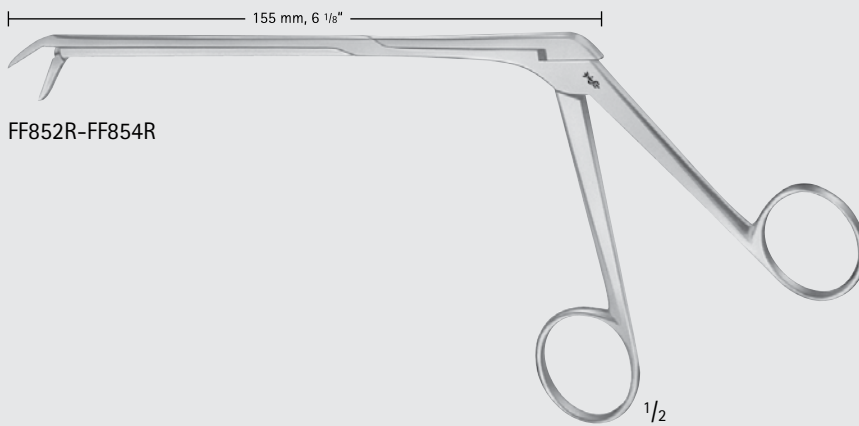
FF834R, FF844R, FF854R



FF835R



FF842R-FF844R



FF852R-FF854R



ORTHO
SPINE

Orthopedics/Spine

Rongeurs



180 mm, 7"

FF856R-FF857R

FF856R 1/1

FF857R 1/1

1/2

CASPAR Heavy Rongeur, F/ Removal of Hard Disc Pathology

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FF856R	3.0	STR	7
FF857R	4.0	STR	7

260 mm, 10 1/4"

FG057R

FG057R 1/1

1/2

SYPERT Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
FG057R	5 x 20	UP	10 1/4

150 mm, 6"

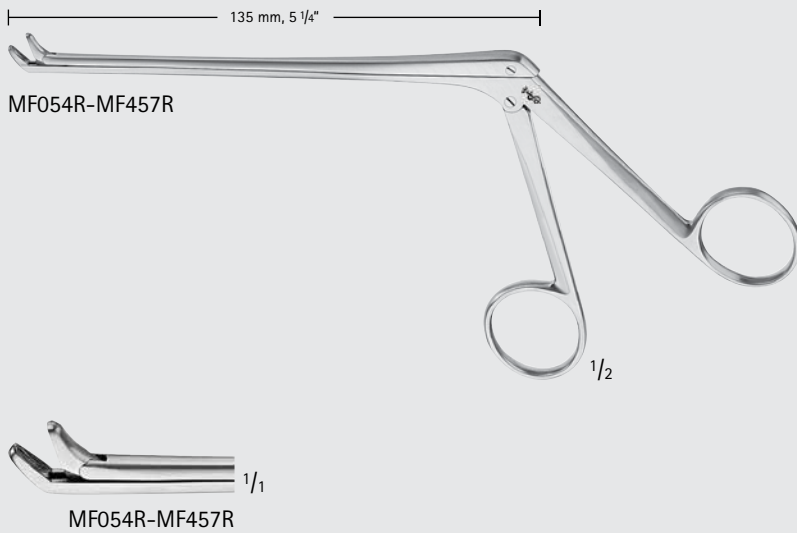
F0820R

F0820R 1/1

1/2

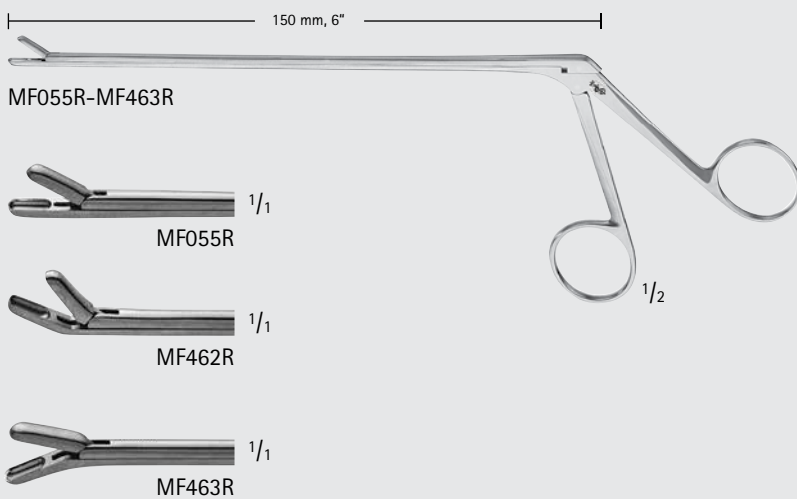
KRAEMER Grasping Forceps, W/ Catch

Catalog Number	Working Length (in.)
F0820R	6



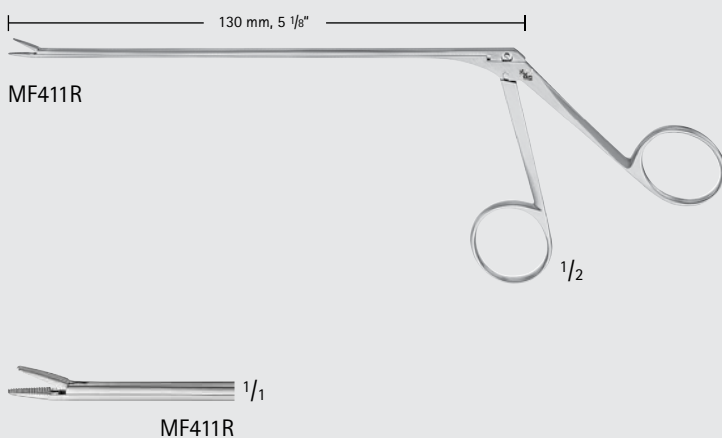
PEAPOD Disc Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF054R	2 x 6	UP	5 1/2
MF456R	3 x 6	UP	5 1/4
MF457R	4 x 6	UP	5 1/4



DECKER Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF055R	2 x 6	STR	6
MF462R	2 x 6	UP	6
MF463R	2 x 6	DOWN	6



STEVENSON Grasping Forceps

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF411R	6.0	STR	5 1/8

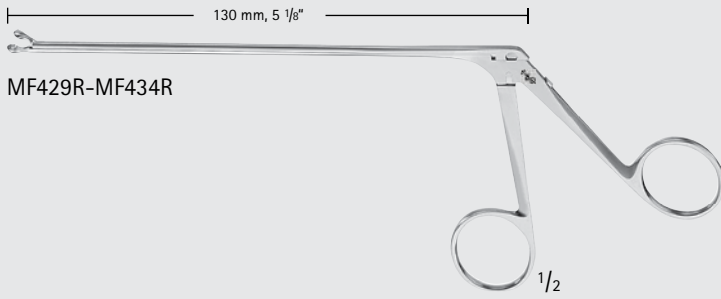


ORTHO
SPINE

INCHES

Orthopedics/Spine

Rongeurs



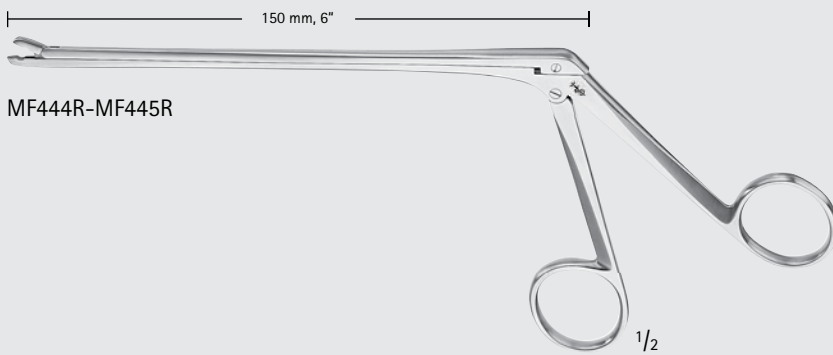
MF429R-MF434R



MF429R-MF434R

Rhoton Style Cup Forceps

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF429R	0.5	STR	5 1/8
MF432R	1.0	STR	5 1/8
MF435R	2.0	STR	5 1/8
MF436R	3.0	STR	5 1/8
MF437R	4.0	STR	5 1/8
MF438R	5.0	STR	5 1/8
MF430R	0.5	RIGHT	5 1/8
MF433R	1.0	RIGHT	5 1/8
MF431R	0.5	LEFT	5 1/8
MF434R	1.0	LEFT	5 1/8



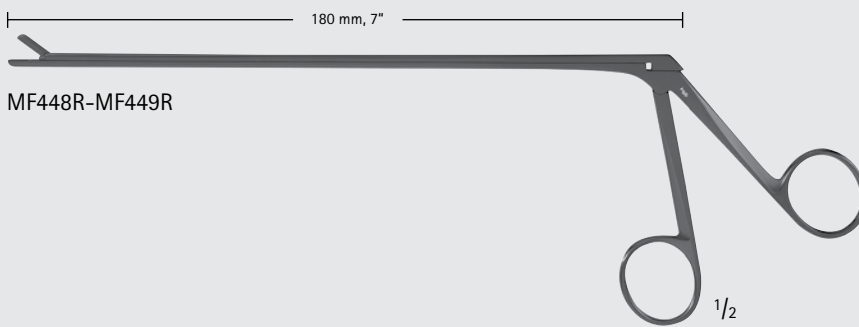
MF444R-MF445R



MF444R-MF445R

SELVERSTONE Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF444R	2 x 3	STR	6
MF445R	2 x 5	STR	6

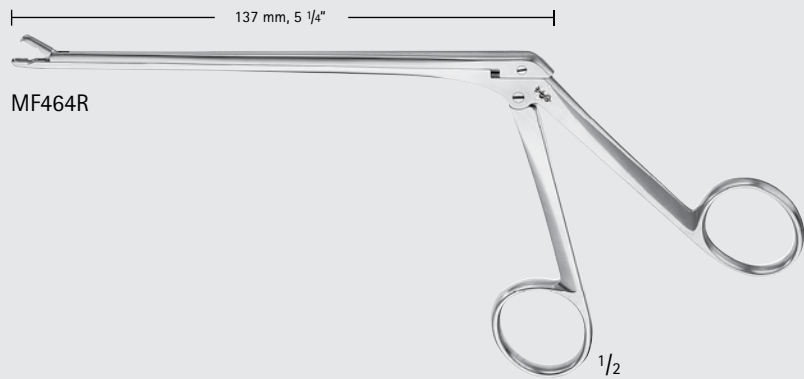


MF448R-MF449R

Black Coated Micro Pituitary Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF448R	2 x 6	STR	7
MF449R	2 x 6	UP	7





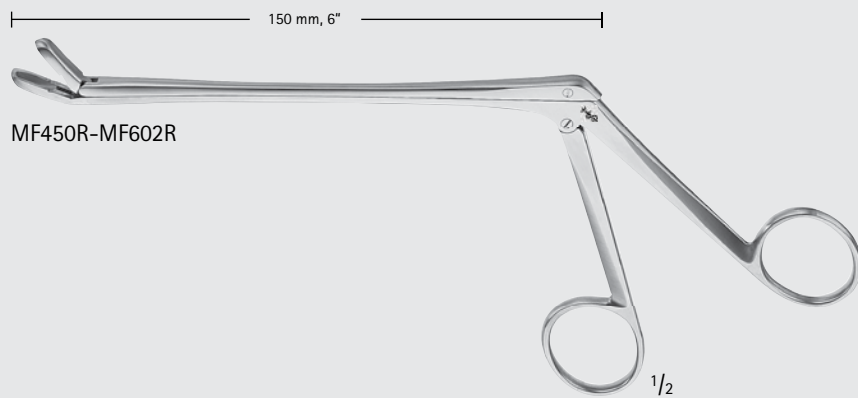
MF464R



MF464R

WILLIAMS Discectomy Forceps

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF464R	2 x 6	STR	5 1/4



MF450R-MF602R



MF450R-MF602R

CLOWARD Style Rongeur

Catalog Number	Jaw Size (mm)	Jaw	Working Length (in.)
MF450R	6 x 10	STR	5 1/4
MF600R	6 x 10	STR	6
MF451R	6 x 10	UP	5 1/4
MF601R	6 x 10	UP	6
MF452R	6 x 10	DOWN	5 1/4
MF602R	6 x 10	DOWN	6



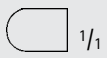
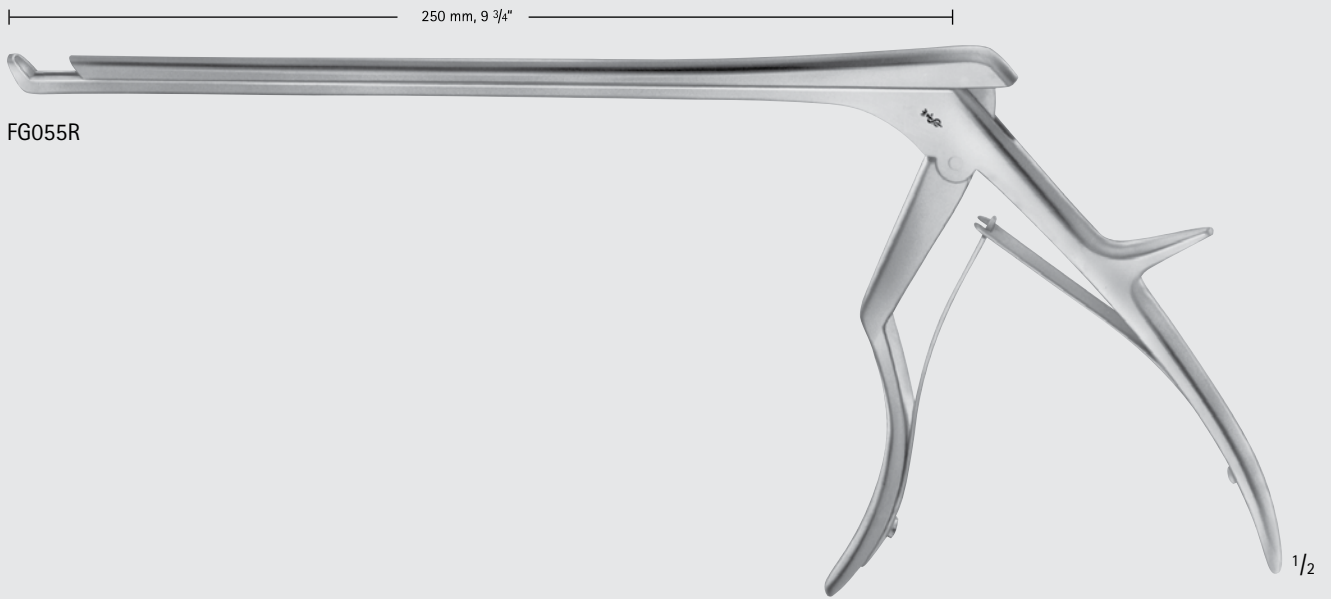
ORTHO
SPINE

Orthopedics/Spine

Kerrison Bone Punches

SYPERT Kerrison Bone Punch

Catalog Number	Jaw Size (mm)	Tip	Working Length (in.)
FG055R	5.5	40° UP	9 3/4



FG055R



ORTHO
SPINE

Three Primary Styles

- Non Detachable, silver
- Detachable, silver
- Detachable, ceramic NOIR coating

For more information see our brochure DOC400.

Complete Size and Footplate Range

- Regular and thin footplates
- 7", 8", 9", 11" lengths
- 1-6 mm bite sizes
- 15 mm Laminectomy jaw length
- 40° and 90° up and down jaw positions



STANDARD

Working Length (in.)	Jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector	Detachable, Silver	Ejector	Detachable, NOIR Coating	Ejector
7	1.0	STANDARD	FF715R	-	FK900R	-	FK900B	-
7	1.5	STANDARD	FF638R	-	FK911R	-	FK911B	-
7	2.0	STANDARD	FF717R	-	FK901R	✓	FK901B	✓
7	2.5	STANDARD	FF639R	-	FK912R	✓	FK912B	✓
7	3.0	STANDARD	FF720R	-	FK902R	✓	FK902B	✓
7	4.0	STANDARD	FF724R	-	FK903R	✓	FK903B	✓
7	5.0	STANDARD	FF722R	-	FK904R	✓	FK904B	✓
7	6.0	STANDARD	FF726R	-	FK905R	✓	FK905B	✓

7 7/8	1.0	STANDARD	FF691R	-	FK960R	-	FK960B	-
7 7/8	1.5	STANDARD	FF649R	-	FK966R	-	FK966B	-
7 7/8	2.0	STANDARD	FF737R	-	FK913R	✓	FK913B	✓
7 7/8	2.5	STANDARD	FF657R	-	FK967R	✓	FK967B	✓
7 7/8	3.0	STANDARD	FF738R	-	FK914R	✓	FK914B	✓
7 7/8	4.0	STANDARD	FF727R	-	FK915R	✓	FK915B	✓
7 7/8	5.0	STANDARD	FF728R	-	FK916R	✓	FK916B	✓
7 7/8	6.0	STANDARD	FF729R	-	FK917R	✓	FK917B	✓

9	1.0	STANDARD	FF674R	-	FK918R	-	FK918B	-
9	2.0	STANDARD	FF682R	-	FK919R	✓	FK919B	✓
9	3.0	STANDARD	FF683R	-	FK920R	✓	FK920B	✓
9	4.0	STANDARD	FF684R	-	FK921R	✓	FK921B	✓
9	5.0	STANDARD	FF685R	-	FK922R	✓	FK922B	✓

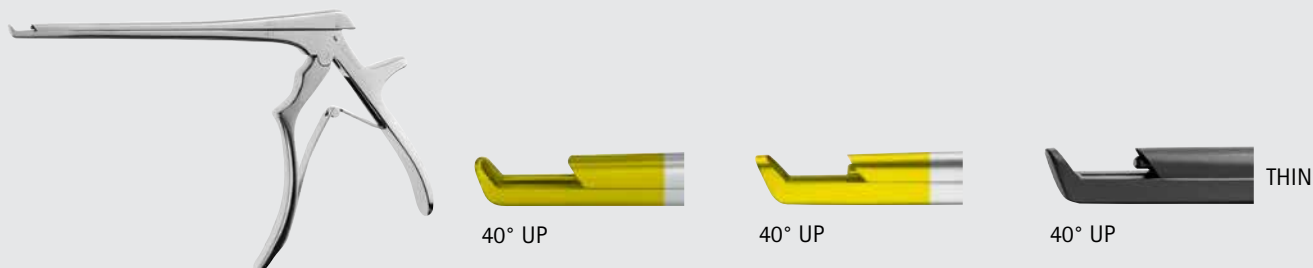
11	1.0	STANDARD	FF696R	-	FK981R	-	FK981B	-
11	2.0	STANDARD	FF686R	-	FK986R	✓	FK986B	✓
11	3.0	STANDARD	FF687R	-	FK987R	✓	FK987B	✓
11	4.0	STANDARD	FF688R	-	FK988R	✓	FK988B	✓
11	5.0	STANDARD	FF689R	-	FK989R	✓	FK989B	✓
11	6.0	STANDARD	FF690R	-	-	-	-	-



INCHES

Orthopedics/Spine

Kerrison Bone Punches



Working Length (in.)	Jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector	Detachable, Silver	Ejector	Detachable, NOIR Coating	Ejector
7	1.0	THIN	FF771R	-	FK906R	-	FK906B	-
7	1.5	THIN	FF645R	-	FK923R	-	FK923B	-
7	2.0	THIN	FF772R	-	FK907R	✓	FK907B	✓
7	2.5	THIN	FF646R	-	FK924R	✓	FK924B	✓
7	3.0	THIN	FF773R	-	FK908R	✓	FK908B	✓
7	4.0	THIN	FF769R	-	FK909R	✓	FK909B	✓
7	5.0	THIN	FF770R	-	FK910R	✓	FK910B	✓

7 7/8	1.0	THIN	FF661R	-	FK961R	-	FK961B	-
7 7/8	1.5	THIN	FF658R	-	FK968R	-	FK968B	-
7 7/8	2.0	THIN	FF662R	-	FK962R	✓	FK962B	✓
7 7/8	2.5	THIN	FF659R	-	FK969R	✓	FK969B	✓
7 7/8	3.0	THIN	FF663R	-	FK963R	✓	FK963B	✓
7 7/8	4.0	THIN	FF664R	-	FK964R	✓	FK964B	✓
7 7/8	5.0	THIN	FF665R	-	FK965R	✓	FK965B	✓

9	1.0	THIN	FF734R	-	FK929R	-	FK929B	-
9	2.0	THIN	FF746R	-	FK925R	✓	FK925B	✓
9	3.0	THIN	FF747R	-	FK926R	✓	FK926B	✓
9	4.0	THIN	FF748R	-	FK927R	✓	FK927B	✓
9	5.0	THIN	FF749R	-	FK928R	✓	FK928B	✓

11	1.0	THIN	FF673R	-	FK980R	-	FK980B	-
11	2.0	THIN	FF666R	-	FK976R	✓	FK976B	✓
11	3.0	THIN	FF667R	-	FK977R	✓	FK977B	✓
11	4.0	THIN	FF668R	-	FK978R	✓	FK978B	✓
11	5.0	THIN	FF669R	-	FK979R	✓	FK979B	✓





STANDARD

Working Length (in.)	Jaw Size (mm)	Jaw Opening (mm)	Footplate	Non Detachable, Silver	Ejector	Detachable, Silver	Ejector	Detachable, NOIR Coating	Ejector
7	2.0	15	STANDARD	FF677R	-	FK971R	✓	FK971B	✓
7	3.0	15	STANDARD	FF678R	-	FK972R	✓	FK972B	✓
7	4.0	15	STANDARD	FF679R	-	FK973R	✓	FK973B	✓
7	5.0	15	STANDARD	FF680R	-	FK974R	✓	FK974B	✓
7	6.0	15	STANDARD	-	-	FK975R	✓	FK975B	✓

7 7/8	2.0	15	STANDARD	FF660R	-	FK970R	✓	FK970B	✓
7 7/8	3.0	15	STANDARD	FF739R	-	FK982R	✓	FK982B	✓
7 7/8	4.0	15	STANDARD	FF745R	-	FK983R	✓	FK983B	✓
7 7/8	5.0	15	STANDARD	FF751R	-	FK984R	✓	FK984B	✓
7 7/8	6.0	15	STANDARD	FF753R	-	FK985R	✓	FK985B	✓



STANDARD

90° UP

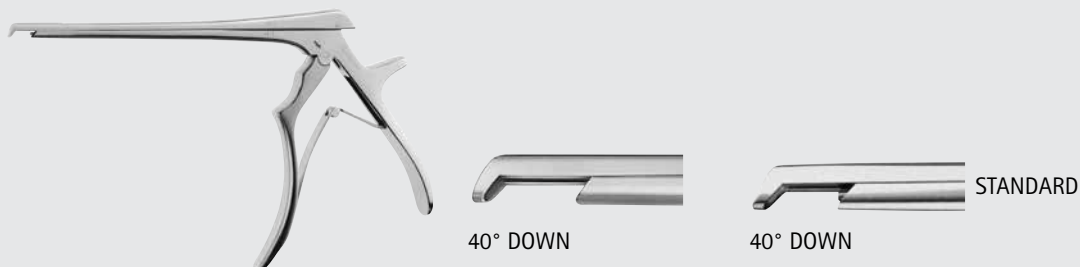
Working Length (in.)	Jaw Size (mm)	Jaw Opening (mm)	Non Detachable, Silver	Ejector
7	3	15	FF136R	-
7	4	15	FF137R	-
7	5	15	FF138R	-

8	3	15	FF086R	-
8	4	15	FF087R	-
8	5	15	FF088R	-



Orthopedics/Spine

Kerrison Bone Punches



Working Length (in.)	Jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector	Detachable, Silver	Ejector
7	1.0	STANDARD	FF711R	-	FK930R	-
7	2.0	STANDARD	FF712R	-	FK931R	✓
7	3.0	STANDARD	FF713R	-	FK932R	✓
7	4.0	STANDARD	FF714R	-	FK933R	✓
7	5.0	STANDARD	FF725R	-	FK934R	✓

9	2.0	STANDARD	FF692R	-	FK943R	✓
9	3.0	STANDARD	FF693R	-	FK944R	✓
9	4.0	STANDARD	FF694R	-	FK945R	✓
9	5.0	STANDARD	FF695R	-	FK946R	✓



Working Length (in.)	jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector	Detachable, Silver	Ejector
7	1.0	THIN	FF781R	-	FK936R	-
7	2.0	THIN	FF782R	-	FK937R	✓
7	3.0	THIN	FF783R	-	FK938R	✓
7	4.0	THIN	FF784R	-	FK939R	✓
7	5.0	THIN	FF785R	-	FK940R	✓





Working Length (in.)	Jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector	Detachable, Silver	Ejector	Detachable NOIR Coating	Ejector
7	1.0	STANDARD	FF716R	-	FK948R	-	FK948B	-
7	2.0	STANDARD	FF718R	-	FK949R	-	FK949B	✓
7	3.0	STANDARD	FF750R	-	FK950R	✓	FK950B	✓
7	4.0	STANDARD	FF752R	-	FK951R	✓	FK951B	✓
7	5.0	STANDARD	FF754R	-	FK952R	✓	FK952B	✓
7	6.0	STANDARD	FF755R	-	FK953R	✓	FK953B	✓

8	1.0	STANDARD	FF025R	-
8	2.0	STANDARD	FF026R	-
8	3.0	STANDARD	FF027R	-
8	4.0	STANDARD	FF028R	-
8	5.0	STANDARD	FF029R	-



Working Length (in.)	Jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector
7	1	THIN	FF115R	-
7	2	THIN	FF116R	-
7	3	THIN	FF117R	-
7	4	THIN	FF118R	-
7	5	THIN	FF119R	-

8	2	THIN	FF077R	-
8	3	THIN	FF078R	-
8	4	THIN	FF079R	-
8	5	THIN	FF080R	-



Orthopedics/Spine

Kerrison Bone Punches



Working Length (in.)	Jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector	Detachable, Silver	Ejector
7	1.0	STANDARD	FF741R	-	FK954R	-
7	2.0	STANDARD	FF719R	-	FK955R	-
7	3.0	STANDARD	FF721R	-	FK956R	✓
7	4.0	STANDARD	FF742R	-	FK957R	✓
7	5.0	STANDARD	FF723R	-	FK958R	✓
7	6.0	STANDARD	FF743R	-		

8	2	STANDARD	FF828R	-
8	3	STANDARD	FF829R	-
8	4	STANDARD	FF830R	-
8	5	STANDARD	FF831R	-
8	6	STANDARD	FF841R	-



Working Length (in.)	Jaw Size (mm)	Footplate	Non Detachable, Silver	Ejector
7	1.0	THIN	MF136R	-
7	2.0	THIN	FF816R	-
7	3.0	THIN	FF817R	-
7	4.0	THIN	FF819R	-
7	5.0	THIN	FF821R	-

8	1.0	THIN	FF809R	-
8	2.0	THIN	FF812R	-
8	3.0	THIN	FF813R	-
8	5.0	THIN	FF815R	-

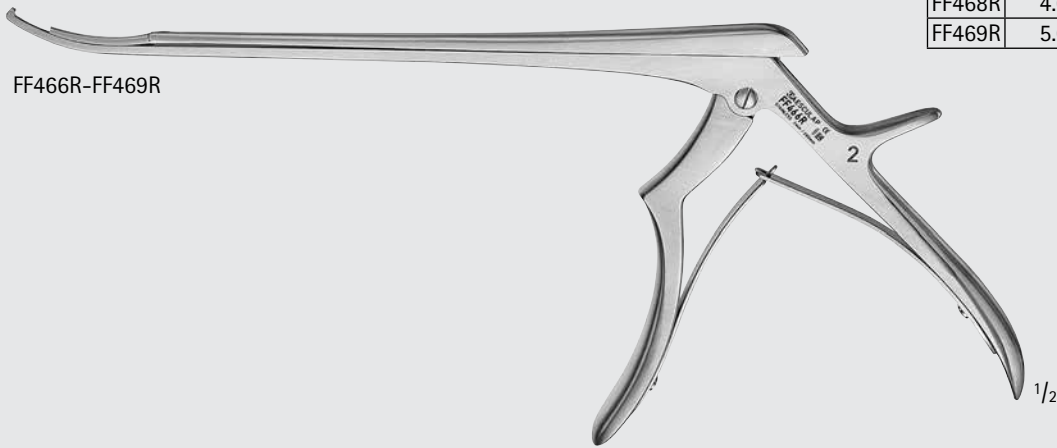
Foraminotomy Kerrison

- Non Detachable design
- Upward curve allows for easier bone removal, providing improved access to the underside of the foramen

KERRISON Foraminotomy Bone Punch

Catalog Number	Jaw Size (mm)	Jaw Opening (mm)	Working Length (in.)
FF466R	2.0	10	7 7/8
FF467R	3.0	10	7 7/8
FF468R	4.0	10	7 7/8
FF469R	5.0	10	7 7/8

FF466R-FF469R



Bayonet-Shaped Kerrison bone punch

- Non Detachable design
- Bayonet shape allows better view over the KERRISON and increased visibility of surgical site
- Easily used through a retractor tube for MIS procedures

KERRISON Bayonet-Shaped Bone Punch, 40° upbiting

Catalog Number	Jaw Size (mm)	Jaw Opening (mm)	Working Length (in.)
FF496R	2.0	10	9 1/2
FF497R	3.0	10	9 1/2
FF498R	4.0	10	9 1/2
FF499R	5.0	10	9 1/2

FF496R-FF499R



Orthopedics/Spine

KAIRison® Pneumatic Bone Punch

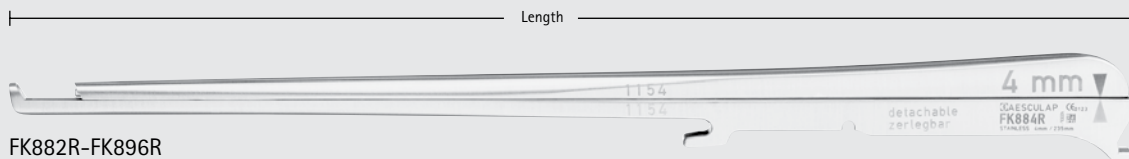
KAIRison Pneumatic Bone Punch

- Easy handling
- Reduces physical effort required
- Relieves strain on hands and joints
- Less risk of reduced motor skills through fatigue
- Innovative safety mechanism
- Short learning curve
- Excellent balance
- Suitable for right- or left-handed use
- Reliable; does not jam
- Ergonomic design

For more information see our brochure DOC763.

KAIRison Pneumatic Bone Punch

Catalog Number	Jaw Size (mm)	Jaw Opening (mm)	Footplate	Ejector	Total Length (in.)
FK882R	2.0	12	STANDARD	✓	9 1/4
FK883R	3.0	12	STANDARD	✓	9 1/4
FK884R	4.0	12	STANDARD	✓	9 1/4
FK885R	5.0	12	STANDARD	✓	9 1/4
FK886R	6.0	12	STANDARD	✓	9 1/4
FK892R	2.0	12	STANDARD	✓	11 1/4
FK893R	3.0	12	STANDARD	✓	11 1/4
FK894R	4.0	12	STANDARD	✓	11 1/4
FK895R	5.0	12	STANDARD	✓	11 1/4
FK896R	6.0	12	STANDARD	✓	11 1/4



FK882R-FK896R

Width (mm) 2.0 3.0 4.0 5.0 6.0

KAIRison Pneumatic Punch Handle

FK899R



Catalog Number
FK899R

Punch Bracket For Pressure Reducer



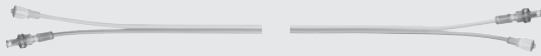
FK898R-FK898214

KAIRison Pressure Reducer

Catalog Number	Description
FK898R	PRESSURE REDUCER
FK887R	BRACKET FOR PRESSURE REDUCER
FK898215	RUBBER CAP, SMALL
FK898214	RUBBER CAP, LARGE

Orthopedics/Spine

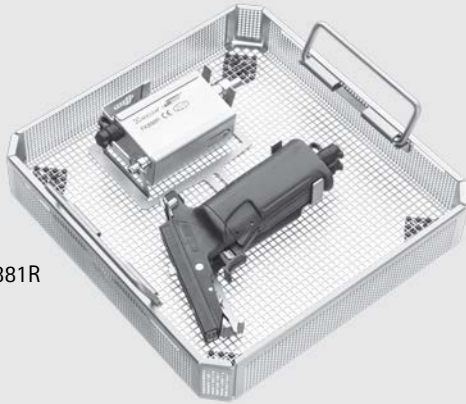
KAIRison® Pneumatic Bone Punch



FK888SU

Disposable Tubes for KAIRison Pneumatic Punch

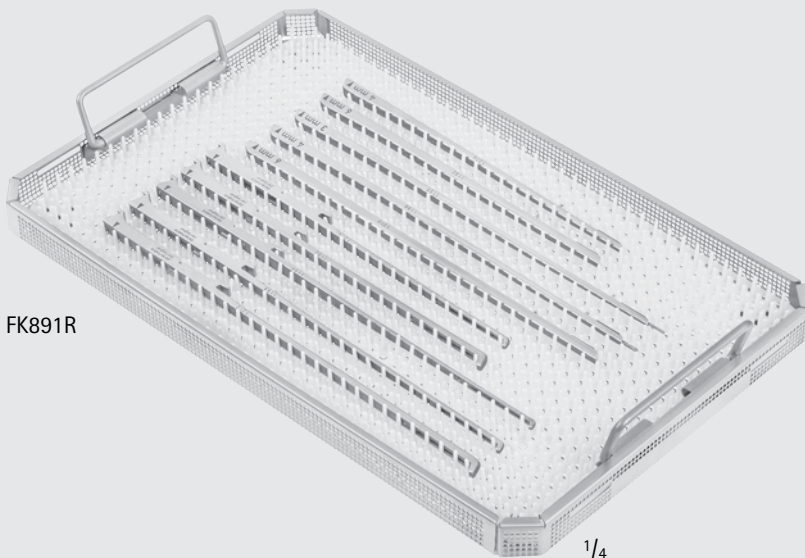
Catalog Number	Packaging
FK888SU	PAK = Package of 10



FK881R

Storage Rack for KAIRison Handle and Pressure Reducer

Catalog Number
FK881R



FK891R

Storage Rack for KAIRison Shafts

Catalog Number
FK891R



GA468R

Pneumatic Hose with Aesculap-Schrader Connection

Catalog Number	Length (m)
GA468R	5

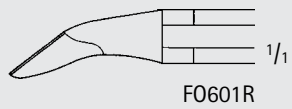


Orthopedics/Spine

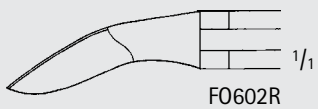
Bone Cutters



FO601R-FO602R



FO601R



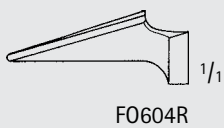
FO602R

Bone Cutting Forceps

Catalog Number	Jaw	Length (in.)
FO601R	UP	5 1/8
FO602R	UP	6 3/4



FO604R



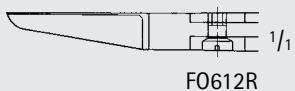
FO604R

STAMM Bone Cutting Forceps

Catalog Number	Length (in.)
FO604R	6



FO612R



FO612R

Bone Cutting Forceps, Double Action

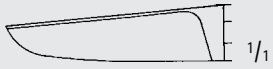
Catalog Number	Jaw	Length (in.)
FO612R	STR	6 3/4





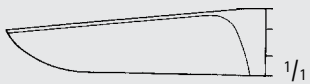
FO620R-FO636R

1/2



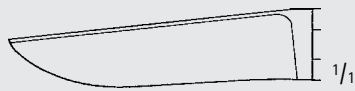
FO620R

1/1



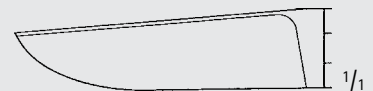
FO622R

1/1



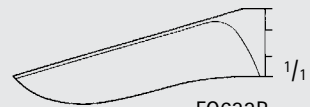
FO624R

1/1



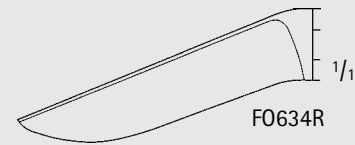
FO626R

1/1



FO632R

1/1



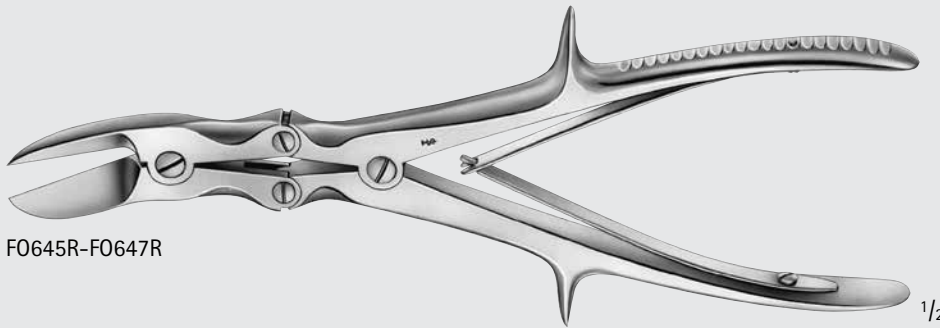
FO634R

1/1



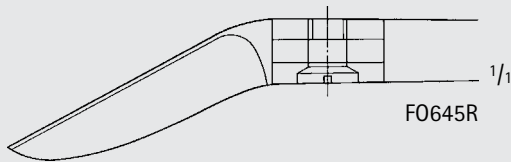
FO636R

1/1



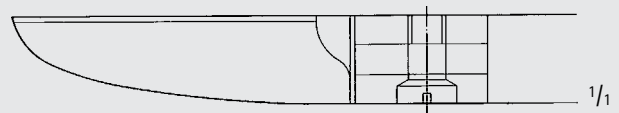
FO645R-FO647R

1/2



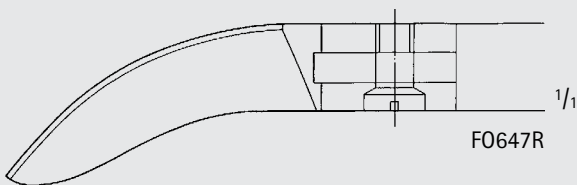
FO645R

1/1



FO646R

1/1



FO647R

1/1

LISTON Bone Cutting Forceps

Catalog Number	Jaw	Length (in.)
FO620R	STR, Single Action	5 1/2
FO622R	STR, Single Action	6 3/4
FO624R	STR, Single Action	7 7/8
FO626R	STR, Single Action	8 3/4
FO632R	ANG, Single Action	6 3/4
FO634R	ANG, Single Action	7 7/8
FO636R	ANG, Single Action	8 3/4
FO645R	CVD, Double Action	9 1/2
FO646R	STR, Double Action	11
FO647R	CVD, Double Action	11



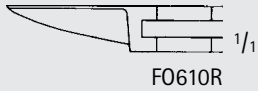
Orthopedics/Spine

Bone Cutters



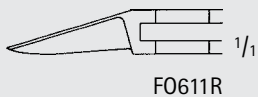
FO610R-FO611R

1/2



FO610R

1/1



FO611R

1/1

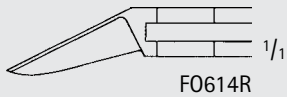
BOEHLER Bone Cutting Forceps, Double Action

Catalog Number	Jaw	Length (in.)
FO610R	STR	5 3/4
FO611R	ANG	5 3/4



FO614R

1/2



FO614R

1/1

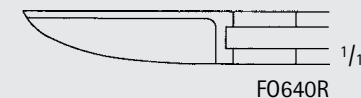
MCINDOE Bone Cutting Forceps, Double Action

Catalog Number	Jaw	Length (in.)
FO614R	ANG	6 7/8



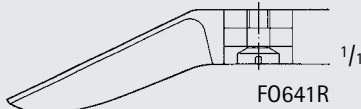
FO640R-FO641R

1/2



FO640R

1/1



FO641R

1/1

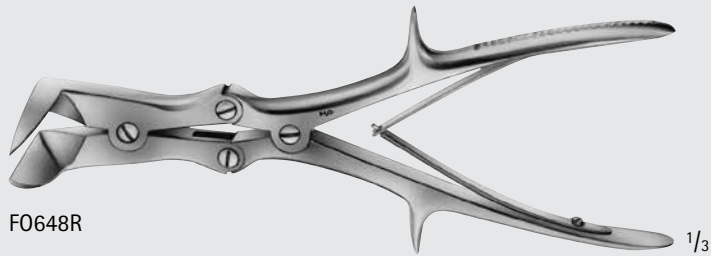
RUSKIN-LISTON Bone Cutting Forceps, Double Action

Catalog Number	Jaw	Length (in.)
FO640R	STR	7 1/2
FO641R	ANG	7 1/2



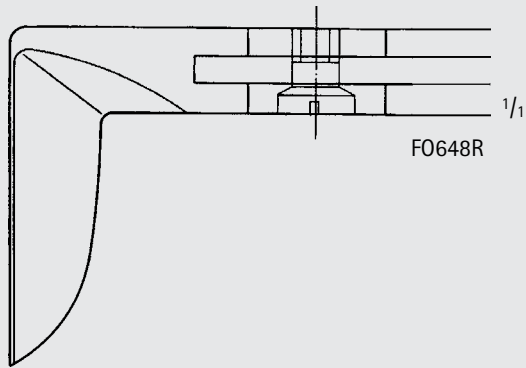
LISTON-STILLE Bone Cutting Forceps, 90° Angle

Catalog Number	Length (in.)
F0648R	10 1/2



F0648R

1/3

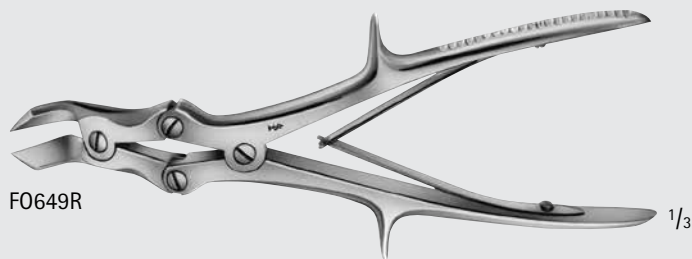


F0648R

1/1

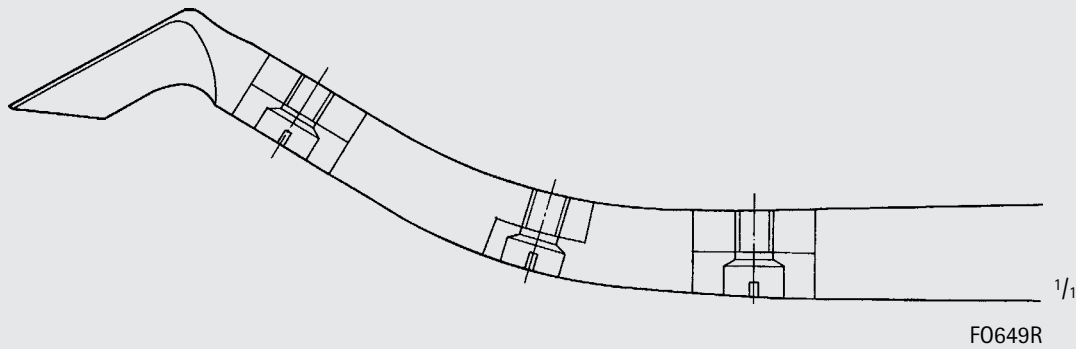
LISTON-KEY-HORSLEY Bone Cutting Forceps, Angled

Catalog Number	Length (in.)
F0649R	10



F0649R

1/3



F0649R

1/1

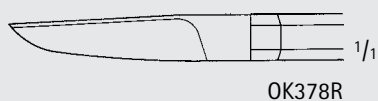
KAZANJIAN Bone Cutting Forceps, Straight

Catalog Number	Length (in.)
OK378R	7 1/4



OK378R

1/2



OK378R

1/1



INCHES

Orthopedics/Spine

Rulers, Calipers and Gauges



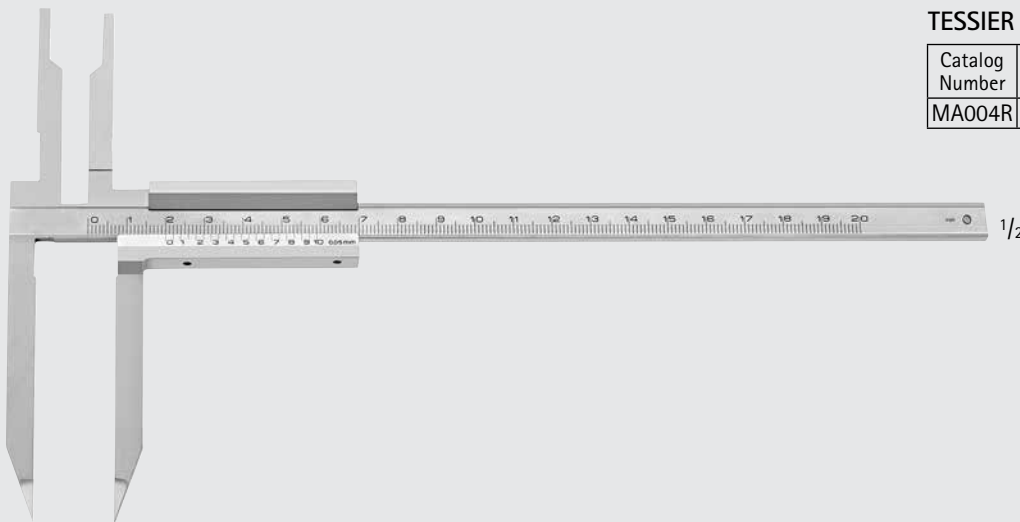
AA847R

Caliper for Inner Diameter and Outer Diameter

Catalog Number	Measuring Range	Length (in.)
AA847R	UP TO 100MM	5 1/8
AA846R	UP TO 150MM	9



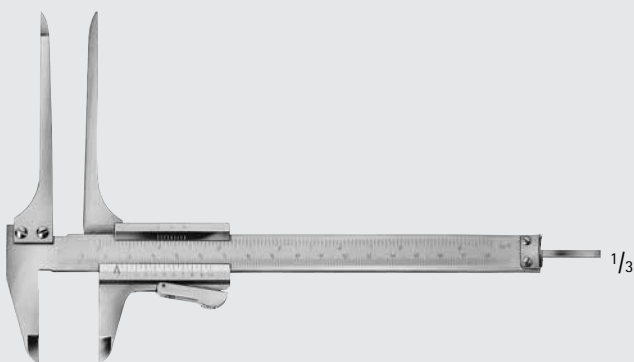
AA846R



MA004R

TESSIER Type Caliper

Catalog Number	Length (in.)
MA004R	10 1/4



AA845R

CASPAR Neuro Caliper F/ Bone Graft

Catalog Number	Length (in.)
AA845R	8 7/8





MB983R

TOWNLEY Femur Caliper

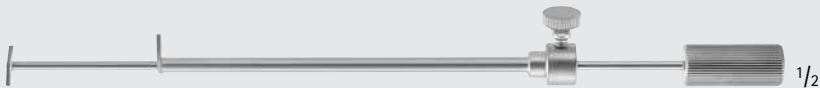
Catalog Number	Length (in.)
MB983R	4



AA804R-AA806R

Steel Ruler, Graduated In Millimeters and Inches

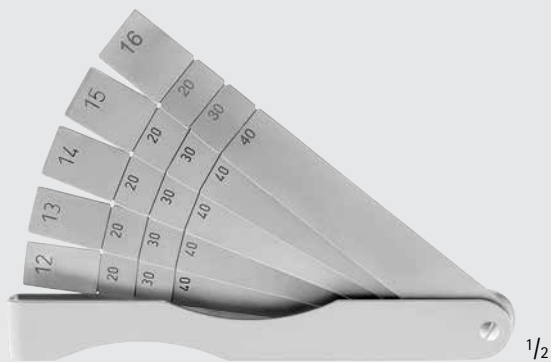
Catalog Number	Length (in.)
AA804R	6
AA805R	11 3/4
AA806R	19 3/4



MD531R

CLOWARD Style Depth Gauges

Catalog Number	Size	Length (in.)
MD531R	LARGE	8



MD534R

CLOWARD Spanner Gauges

Catalog Number	Length (in.)
MD534R	5



INCHES

Orthopedics/Spine

