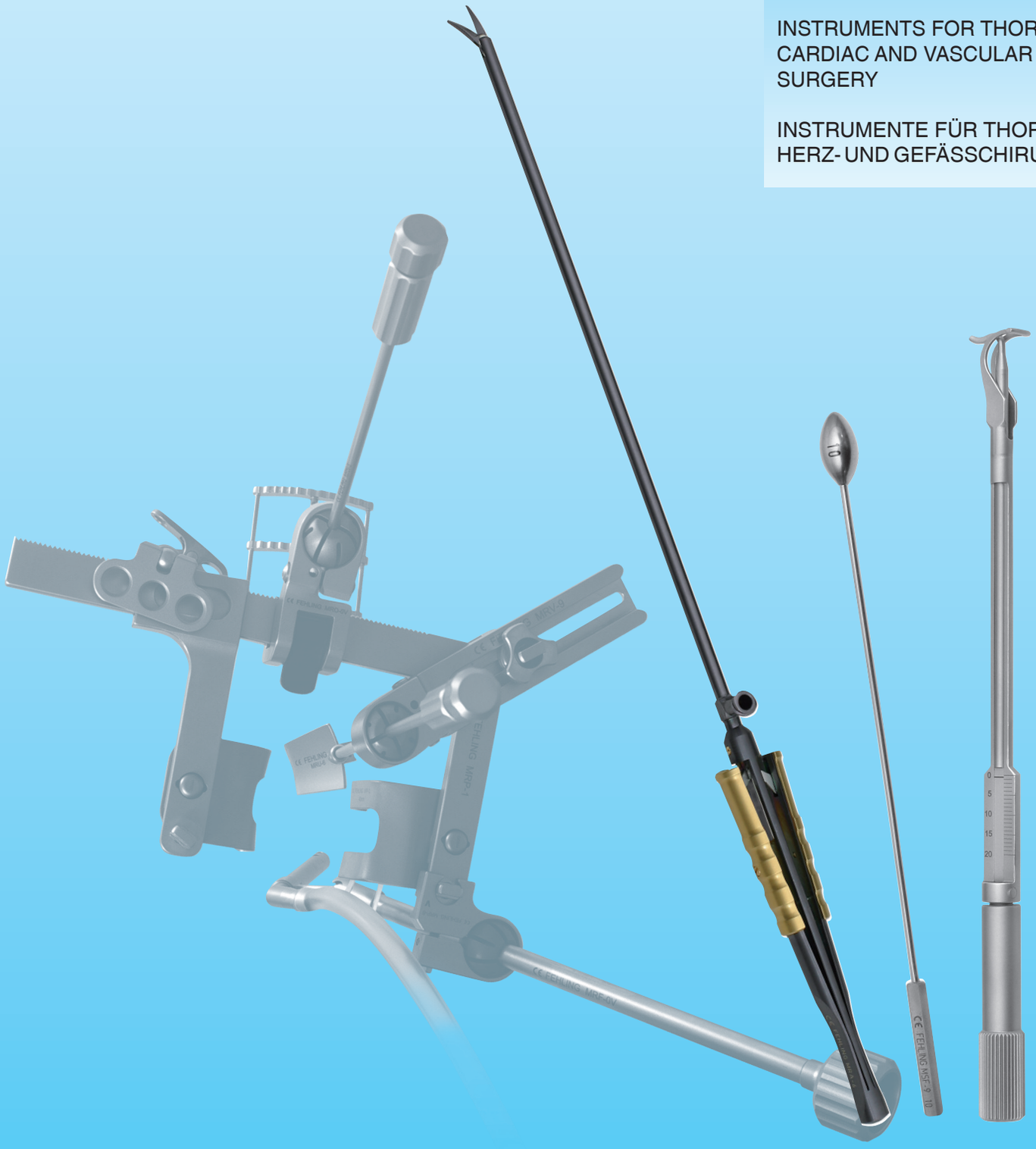
FEHLING...

... THE DIFFERENCE

11

INSTRUMENTS FOR THORACIC, CARDIAC AND VASCULAR SURGERY

INSTRUMENTE FÜR THORAX-, HERZ- UND GEFÄSSCHIRURGIE



FEHLING INSTRUMENTS

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CALAFIORE STERNAL RETAINER
STERNUMOFFENHALTER

½

½

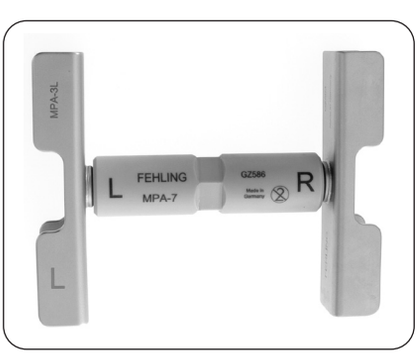
½

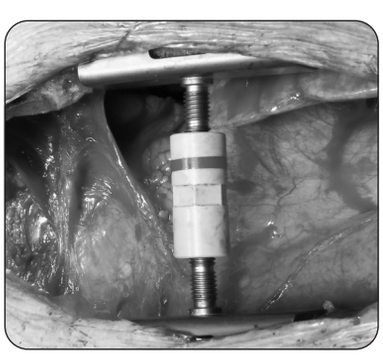
¼

1/16

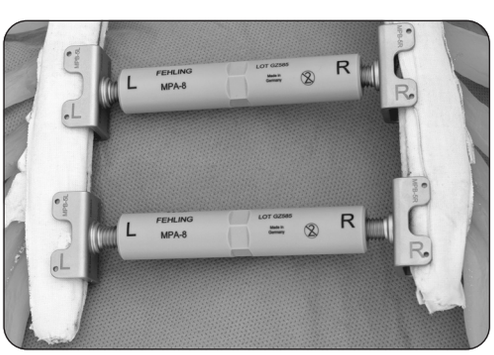
	STERNUM BLADE STERNUMBLATT		SCREW NUT MUTTER *SINGLE USE* ②	FLAT WRENCH GABELSCHLÜSSEL	STORAGE TRAY LAGERUNGS-BEHÄLTER
	LEFT LINKS	RIGHT RECHTS			
NEONATAL	MPC-1L 7 x 30 mm*	MPC-1R 7 x 30 mm*	MPA-5 7 x 30 mm** Ø 8	MPB-1	MPC-0P “PEDIATRIC“
PEDIATRIC	MPB-7L 10 x 18 mm* MPA-2L 10 x 50 mm*	MPB-7R 10 x 18 mm* MPA-2R 10 x 50 mm*	MPA-6 45 x 65 mm** Ø 12	MPB-2	
ADULT	MPA-3L 15 x 70 mm*	MPA-3R 15 x 70 mm*	MPA-9 45 x 65 mm** Ø 16 MPA-7 70 x 90 mm** Ø 16 MPA-8 95 x 115 mm** Ø 16	MPB-3	MPC-0A “ADULT“
ADIPOSIS	MPA-4L 20 x 100 mm*	MPA-4R 20 x 100 mm*			
OSTEOPOROSIS	MPB-5L 15 x 30 mm* MPB-6L 20 x 30 mm*	MPB-5R 15 x 30 mm* MPB-6R 20 x 30 mm*			MPC-0C “CURVED“

**blade size / Blattgröße* ***opening width / Öffnungsweite*

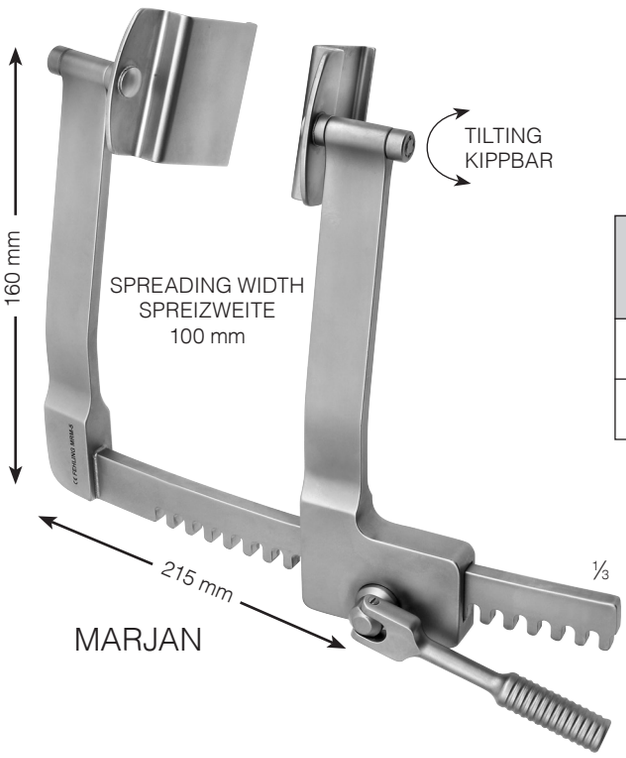




exemplary configuration
Beispielkonfiguration
ADULT - ADIPOSIS

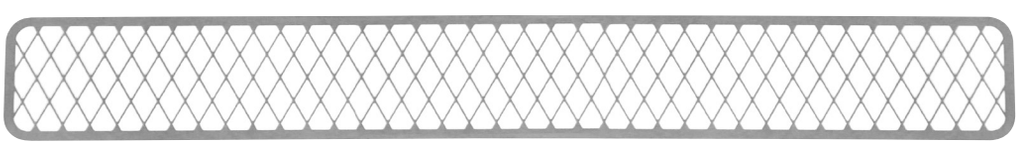


exemplary configuration
Beispielkonfiguration
OSTEOPOROSIS



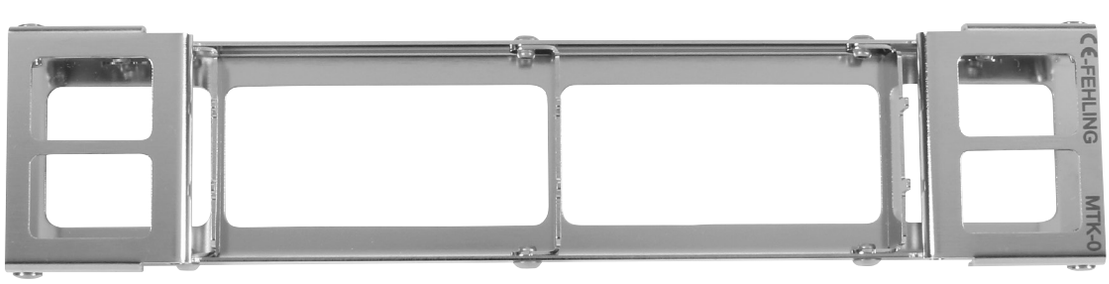
FOR PARTIAL STERNOTOMY
FÜR PARTIELLE STERNOTOMIE

BLADE SIZE BLATTGRÖSSE a x b	
35 x 50 mm	MRM-5
45 x 50 mm	MRM-6



SUPERFLEX
SOFT TISSUE RETRACTOR
WEICHGEWEBERETRAKTOR
200 x 25 mm

MTI-0



STERILISATION AND STORAGE TRAY FOR MTI-0
STERILISIER- UND LAGERSIEB FÜR MTI-0
220 x 51,2 x 19,5 mm

MTK-0

1/1

Ø BLADE / MESSER	LENGTH / LÄNGE	
	130 mm	195 mm
3,5 mm	MOE-2	MOD-2
4,0 mm	MOE-3	MOD-3
4,5 mm	MOE-4	MOD-4
5,0 mm	MOE-5	MOD-5

1/2

CERAMO®
AORTIC PUNCH
AORTENSTANZE

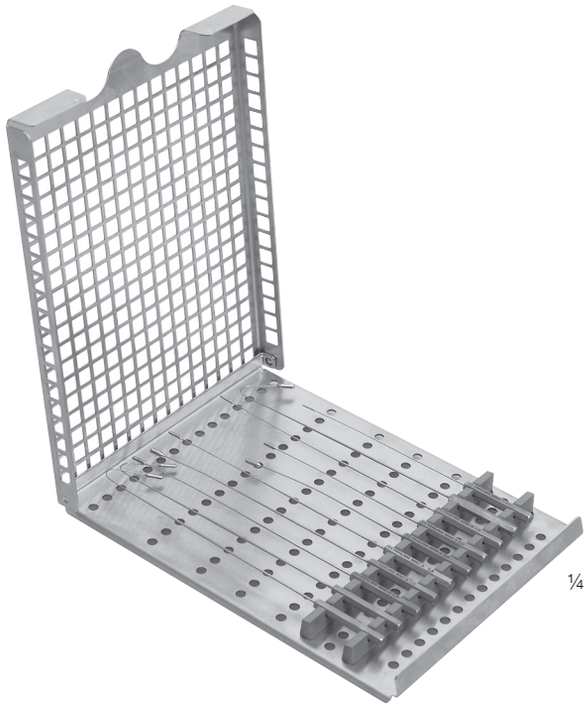
1/2

AORTIC PUNCH
AORTENSTANZE

Ø BLADE / MESSER	LENGTH / LÄNGE	
	120 mm	150 mm
3,0 mm	MKV-1	MKV-2
3,5 mm	MFT-5	MFT-0
4,0 mm	MFT-6	MFT-9
4,5 mm	MFT-1	MMK-2
5,0 mm	MFT-7	MFU-1
6,0 mm	MFT-8	MFU-2

½

SUPERPLAST	LENGTH / LÄNGE		
Ø OLIVE	140 mm	180 mm	210 mm
0,5 mm	MNG-0	MNH-0	–
0,75 mm	–	MNK-7	–
1,0 mm	MNG-1	MNH-1	MIH-1
1,25 mm	MNK-3	MNK-5	–
1,5 mm	MNG-2	MNH-2	MIH-2
1,75 mm	MNK-4	MNK-6	–
2,0 mm	MNG-3	MNH-3	MIH-3
2,25 mm	MNK-8	MNK-9	–
2,5 mm	MNG-4	MNH-4	MIH-4
3,0 mm	MNG-5	MNH-5	MIH-5
3,5 mm	MNG-6	MNH-6	MIH-6
4,0 mm	MNG-7	MNH-7	MIH-7
4,5 mm	MNG-8	MNH-8	MIH-8
5,0 mm	MNG-9	MNH-9	MIH-9



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TRAY FOR VASCULAR PROBES
BOX FÜR GEFÄSSSONDEN

OLIVE Ø max. 5 mm
160 x 210 x 17 mm

MNA-0

SUPERPLAST instruments are constructed of shape-memory metal. This metal has unique qualities under different thermal conditions. The instruments are malleable in normal OR temperatures. Soft pressure allows "permanent" deformation of shape according to the surgeon's needs. However in higher temperature, such as those found in the autoclave, the instruments regain their initial shape.

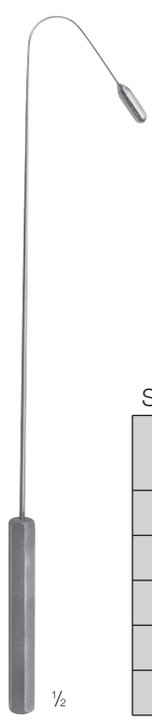
SUPERPLAST Instrumente sind aus Metall mit Formgedächtnis. Sie bieten verschiedene Eigenschaften je nach thermischen Bedingungen. Sie sind bei normaler OP-Temperatur biegbar und können durch sanften Druck in die gewünschte Form gebracht werden. Unter höheren Temperaturen, wie bei der Sterilisation, nehmen sie ihre ursprüngliche Form wieder an.

SUPERFLEX instruments are constructed of shape-memory metal. This metal has unique qualities under different thermal conditions. The instruments are super-elastic in normal OR temperatures. Their shape conforms to soft external pressure, yet the instruments regain their normal shape once the pressure is removed. No long-term alteration of shape is possible.

SUPERFLEX Instrumente sind aus Metall mit Formgedächtnis. Sie bieten verschiedene Eigenschaften je nach thermischen Bedingungen. Sie sind bei normaler OP-Temperatur superelastisch. Ihre Form folgt jedem von außen kommenden Druck und sie gewinnen ihre ursprüngliche Form wieder, sobald der Druck entfällt. Ergebnis: Es wird keine bleibende Verformung verursacht.

½

SUPERFLEX	LENGTH / LÄNGE	
Ø OLIVE	140 mm	180 mm
1,0 mm	MNA-1	MNC-1
1,5 mm	MNA-2	MNC-2
2,0 mm	MNA-3	MNC-3
2,5 mm	MNA-4	MNC-4
3,0 mm	MNA-5	MNC-5



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SUPERFLEX	LENGTH / LÄNGE	
Ø OLIVE	140 mm	180 mm
1,0 mm	MNB-1	MND-1
1,5 mm	MNB-2	MND-2
2,0 mm	MNB-3	MND-3
2,5 mm	MNB-4	MND-4
3,0 mm	MNB-5	MND-5

SUPERPLAST

AORTIC SIZER
AORTENLEHRE
300 mm

SUPERPLAST instruments are constructed of shape-memory metal. This metal has unique qualities under different thermal conditions. The instruments are malleable in normal OR temperatures. Soft pressure allows "permanent" deformation of shape according to the surgeon's needs. However in higher temperature, such as those found in the autoclave, the instruments regain their initial shape.

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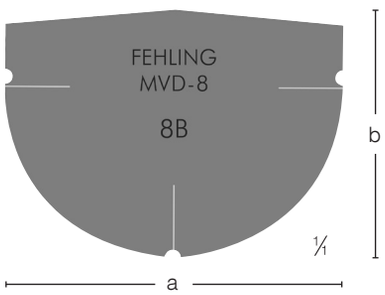
for mitral valve repair techniques
without prosthetic ring
für Mitralklappenrekonstruktion
ohne Ringprothese

HETZER
CROSS-SECTION SIZER
QUERSCHNITTSLEHRE
220 mm

Ø A / B	
14 / 16 mm	MNW-7
18 / 20 mm	MNW-1
22 / 24 mm	MNW-2
26 / 28 mm	MNW-3
30 / 32 mm	MNW-4
34 / 36 mm	MNW-5
38 / 40 mm	MNW-6

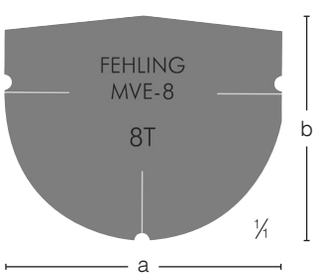
Ø A / B	
7 / 9 mm	MNZ-0
8 / 10 mm	MNZ-6
11 / 13 mm	MNZ-7
12 / 14 mm	MNZ-2
15 / 17 mm	MNZ-8
16 / 18 mm	MNZ-3
19 / 21 mm	MNZ-9
20 / 22 mm	MNZ-4
24 / 26 mm	MNZ-5
28 / 30 mm	MNY-9

SUPERPLAST AV-CUSP GAUGE
AK-SEGELIMPLANTAT-LEHRE



BIKUSPID

SIZE GRÖSSE	WIDTH x HEIGHT BREITE x HÖHE a x b	
1B	25 x 20 mm	MVD-1
2B	28 x 22 mm	MVD-2
3B	31 x 24 mm	MVD-3
4B	34 x 26 mm	MVD-4
5B	37 x 28 mm	MVD-5
6B	40 x 30 mm	MVD-6
7B	43 x 32 mm	MVD-7
8B	46 x 34 mm	MVD-8
9B	49 x 36 mm	MVD-9



TRIKUSPID

SIZE GRÖSSE	WIDTH x HEIGHT BREITE x HÖHE a x b	
0T	18 x 18 mm	MVE-0
1T	19 x 20 mm	MVE-1
2T	22 x 22 mm	MVE-2
3T	25 x 24 mm	MVE-3
4T	28 x 26 mm	MVE-4
5T	31 x 28 mm	MVE-5
6T	34 x 30 mm	MVE-6
7T	37 x 32 mm	MVE-7
8T	40 x 34 mm	MVE-8
9T	43 x 36 mm	MVE-9

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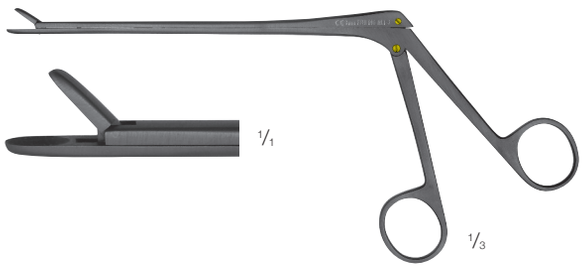
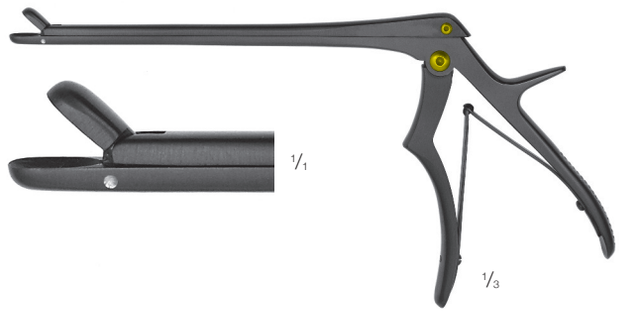


CERAMO® GRUMME
RONGEUR

WIDTH BREITE mm	LENGTH LÄNGE mm	1/3	30° 1/3
2,0	160	NLT-2	NLT-6
	180	NLU-2	NLU-6
3,0	160	NLT-3	NLT-7
	180	NLU-3	NLU-7
4,0	160	NLT-4	NLT-8
	180	NLU-4	NLU-8
5,0	160	NLT-5	NLZ-9
	180	NLU-5	NLU-9



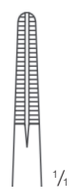
CERAMO® FERRIS-SMITH
RONGEUR

WIDTH BREITE mm	LENGTH LÄNGE mm	1/3	30° 1/3
3,0	200	TOG-1	TOH-1
4,0	200	TOG-2	TOH-2
5,0	200	TOG-3	TOH-3

COMB CLAMP
KAMMKLEMME
160 mm

DDA-2

NON-TRAUMATIC
VALVE FORCEPS
ATRAUMATISCHE
KLAPPENPINZETTE



LENGTH LÄNGE	2,5 mm
200 mm	CDP-5
230 mm	CDP-2
250 mm	CDP-3

RETRACTOR FOR AV-EXPOSURE
RETRAKTOR FÜR AK-EXPOSITION
180 mm

MSB-0

TC WIRE TWISTING FORCEPS, STRONG
TC DRAHTSPANNZANGE, STARK
180 mm
KAJ-5

TC WIRE CUTTING FORCEPS
TC DRAHTKNEIFZANGE
175 mm
LAF-1

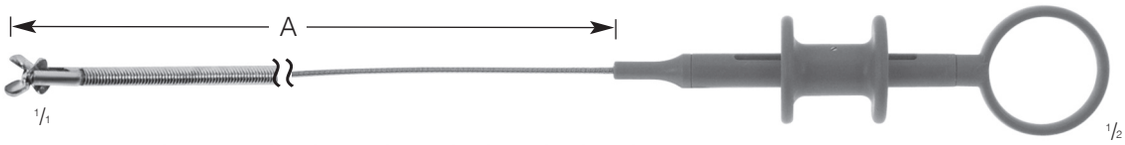
STERNUMWIRE CUTTER
STERNUMDRAHTZANGE
155 mm
LGJ-5

AORTIC DEAIRING CANNULA
AORTEN-ENTLÜFTUNGSKANÜLE

MBR-2

SUTURE HOOK
FADENFÄNGER

	1/1 1,2 mm	1/1 1,5 mm	1/1 2,0 mm	1/1 2,5 mm	1/1 3,0 mm
120 mm	–	KAA-5	–	–	–
150 mm	–	KCC-1	–	–	–
200 mm	KAB-0	–	–	–	–
220 mm	–	–	–	KCB-8	–
260 mm	KAA-4	KAA-6	KAA-7	KCA-7	KAA-8
280 mm	–	–	–	KCB-9	–



STERILE SINGLE USE BIOPSY FORCEPS
STERILE EINMALBIOPTOME

LENGTH OF SHAFT "A" SCHAFTLÄNGE "A"	1,6 mm	1,8 mm	2,2 mm
510 mm	MOA-1	MOA-5	MOA-9
800 mm	MOA-2	MOA-6	–
1000 mm	MOA-3	MOA-7	–
1200 mm	MOA-4	MOA-8	MOB-1

SOFT SHAFT
WEICHER SCHAFT

510 mm	–	MOB-4	–
1200 mm	–	MOB-5	–

CHORDAE
GAUGE AND KNOT ASSISTANT
CHORDAE
LEHRE UND KNOTENASSISTENT

230 mm	350 mm
MNV-4	MNV-7

CHORDAE
TYING AND MEASUREMENT ASSISTANT
CHORDAE
MESS- UND KNOTENASSISTENT

240 mm
MNV-1

CHORDAE / CUSP
RETRACTOR, FLAT
CHORDAE- /
SEGELRETRAKTOR, FLACH

240 mm	350 mm
MNV-6	MNV-8

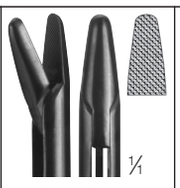
CERAMO® HCR

FORCEPS / PINZETTEN

1 x 10 mm	3 x 15 mm	1,5 x 11 mm	1,5 x 11 mm	2,8 x 15 mm	2,8 x 15 mm	
SUTURE NAHT	VALVE KLAPPE	NON-TRAUMATIC ATRAUMATISCH				RUSSIAN RUSSISCH
345 mm	350 mm	280 mm	350 mm	350 mm	280 mm	350 mm	350 mm	350 mm
MRA-5	MRA-0 MRQ-3 1)	MSO-6	MRG-6	MRG-7	MRN-0 MRN-OB 1)	MRA-3 MRA-3B 1)	MRA-4	MRQ-5

1) WITH LOCK
MIT SPERRE

NEEDLE HOLDERS / NADELHALTER (WITH LOCK / MIT SPERRE)

2 x 10 mm ***max. 5x0***	3 x 10 mm ***max. 3x0***	3 x 10 mm ***max. 2x0***	 3 x 10 mm ***max. 2x0***	1,5 mm ***max. 5x0***
TCM			TC				TC RYDER
340 mm	280 mm	340 mm	280 mm	340 mm	280 mm	350 mm	350 mm
MRB-2	MRG-8	MRB-1	MRT-6	MRG-9	MSO-4	MRG-2	MSO-1

max. needle size
max. Nadelgröße

SCISSORS / SCHEREN

VALVE KLAPPE								
350 mm	350 mm	350 mm	280 mm	350 mm	450 mm	280 mm	350 mm	350 mm
MRA-7	MRT-2	MRT-3	MSO-3	MRD-7	MRD-7L	MSO-4	MRT-5	MSO-8

BLUNT/STUMPF			
VASCULAR GEFÄSS			DISSECTING PRÄPARATION	
345 mm	345 mm	335 mm	280 mm	350 mm
MRA-8B	MRA-8	MRA-9	MRQ-0	MRA-6

SHAFT DIAMETER = 5.0 mm
SCHAFTDURCHMESSER = 5,0 mm

CERAMO® HCR

2/3

1/1

5 x 30 mm

NON-TRAUMATIC GRASPING FORCEPS ATRAUMATISCHE ORGANFASSZANGE
370 mm
MRL-8 MRL-8L[1]

1/1

KNOT PUSHER KNOTENSCHIEBER	
280 mm	340 mm
MRQ-2	MRB-6 MRB-6B[1]

NO CERAMO®
KEIN CERAMO®

1/1

CLIP APPLYER[2] CLIPANLEGEZANGE	
370 mm	370 mm
SMALL	MEDIUM
MRG-3T	MRG-4T

2/3

1/1

1 x 7 mm

NERV HOOK NERVHAKEN	
280 mm	340 mm
MRQ-1	MRB-4

1/1

SCALPEL HANDLE[3] SKALPELLGRIFF
350 mm
MRL-4

1/1

KNOT PUSHER KNOTENSCHIEBER
340 mm
MRK-9P

1/1

10 mm

VALVE INSPECTOR KLAPPENPRÜFINSTR.
350 mm
MRL-2

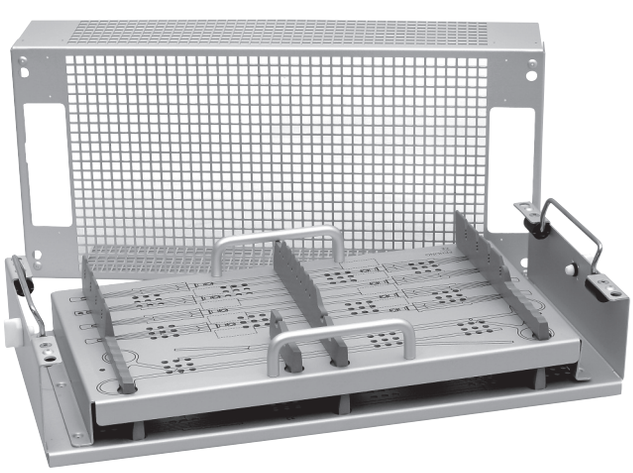
1/1

MAGNETIC FINDER MAGNETSTAB
350 mm
MRL-5

1/1

MIRROR SPIEGEL
360 mm
MRQ-6

3) FOR BEAVER BLADES
FÜR BEAVER MESSER



1/4

TRAY FOR HCR INSTRUMENTS
CONTAINER FÜR HCR-INSTRUMENTE
550 x 250 x 100 mm

MRC-9

1) WITH LOCK
MIT SPERRE

2) FOR / FÜR
ETHICON + HORIZON CLIPS

CERAMO® HCR

2/3

FORCEPS / PINZETTEN

1/1 1,2 x 8 mm	1/1 1,2 x 15 mm	45° 1/1 1,2 x 12 mm	45° 1/1 1,4 x 12 mm
SUTURE NAHT	NON-TRAUMATIC ATRAUMATISCH		
280 mm	290 mm	280 mm	280 mm
MRC-1	MRC-2	MRC-3	MRC-0

TCM NEEDLE HOLDERS / TCM NADELHALTER

1/1 1 x 10 mm ***max. 6x0***	1/1 2 x 10 mm ***max. 5x0***
280 mm	280 mm
MRC-5	MRC-4

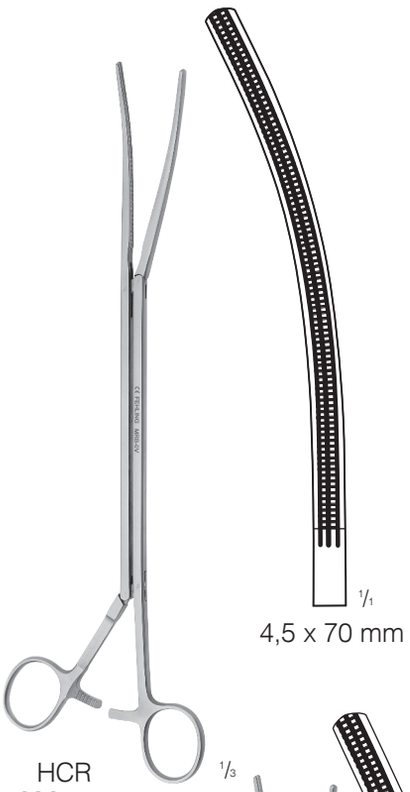
max. needle size
max. Nadelgröße

SCHEREN / SCISSORS

45° 1/1	125° 1/1	45° 1/1 7 mm	1/1
VASCULAR GEFÄSS			DISSECTING PRÄPARATION
280 mm	280 mm	280 mm	280 mm
MRC-7	MRC-8	MRM-0	MRC-6

SHAFT DIAMETER = 3.5 mm
SCHAFTDURCHMESSER = 3,5 mm

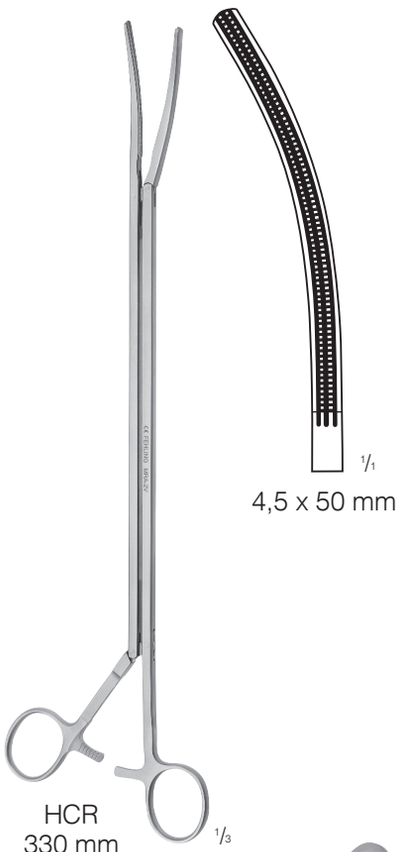
NON-TRAUMATIC FORCEPS
ATRAUMATISCHE KLEMMEN



4,5 x 70 mm

HCR
290 mm

MRB-0V



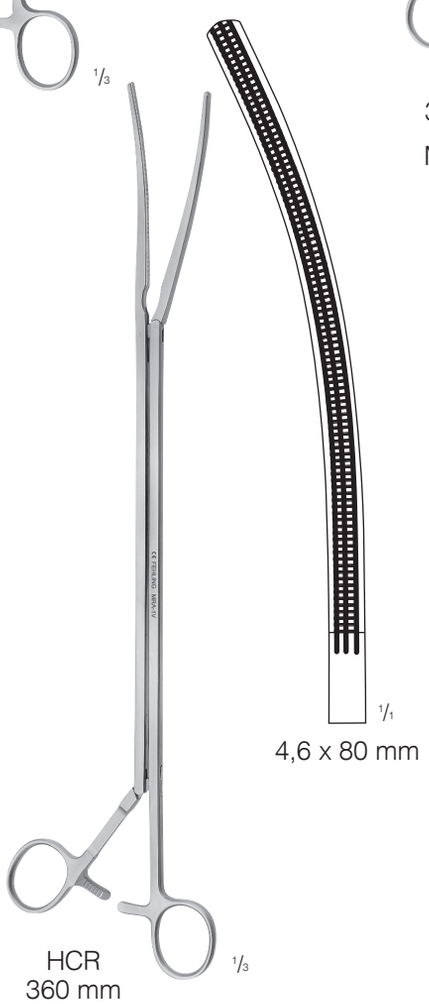
4,5 x 50 mm

HCR
330 mm

MRA-2V

340 mm

MAQ-8



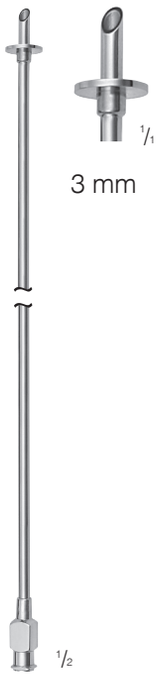
4,6 x 80 mm

HCR
360 mm

MRA-1V

SATINSKY
350 mm

MBF-0

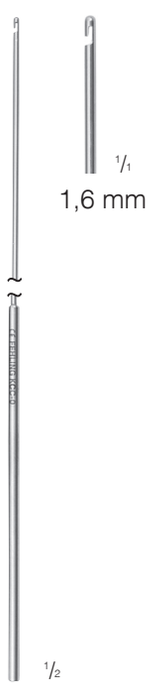


CARDIOPLEGIA CANNULA
KARDIOPLEGIEKANÜLE
270 mm

MRL-0

WRENCH FOR
DETACHABLE LL-ADAPTER
SCHLÜSSEL FÜR
ABNEHMBAREN LL-ANSCHLUSS

MRK-6

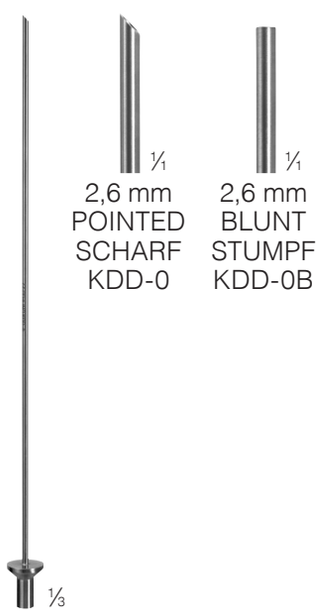


SUTURE HOOK
FADENFÄNGER
350 mm

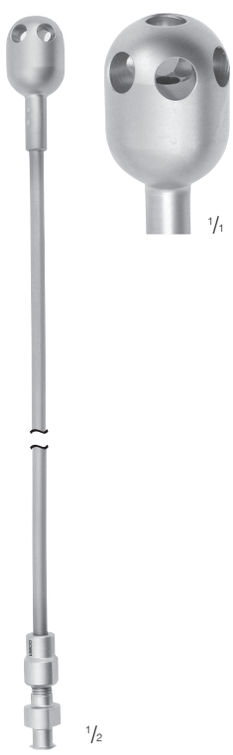
KCC-0

CERAMO®
HANDLE FOR KCC-0
GRIFF FÜR KCC-0
110 mm

ABB-1



TROCAR SLEEVE
FOR KCC-0
TROKARHÜLSE
FÜR KCC-0
240 mm



SUMP ASPIRATOR*
SUMPFSAUGER*
270 mm

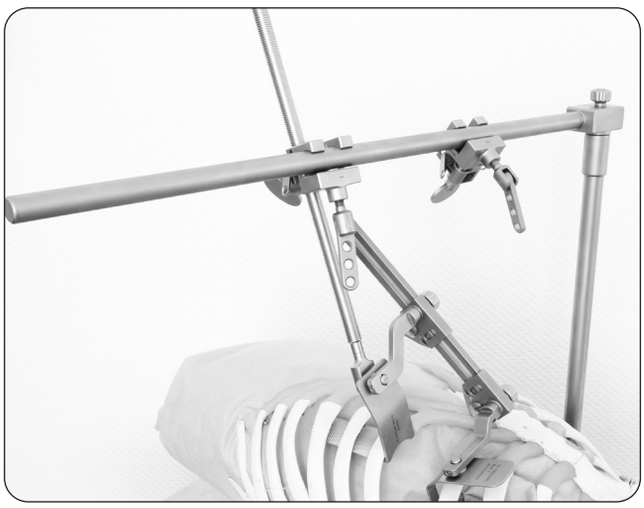
MRK-5

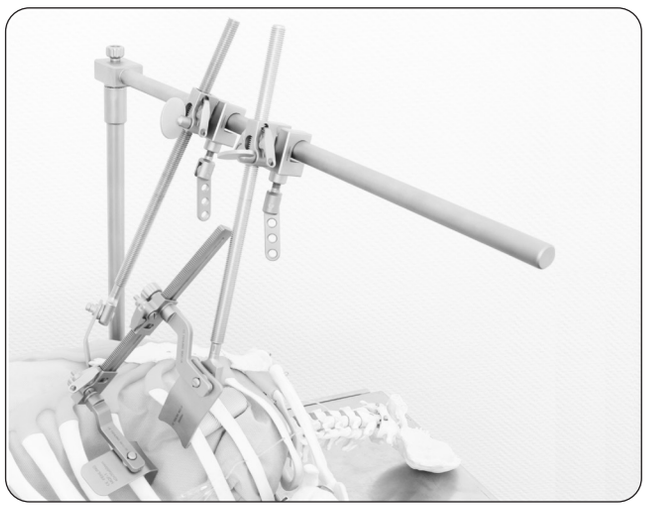
* detachable LL-Adapter
* LL-Anschluss abnehmbar

CONCEPT MICS ENDOSCOPE HOLDING SYSTEM
MICS ENDOSKOPHALTESYSTEM

	Ø	
0° ⅟₁	5 mm	LFI-0
	10 mm	LFI-4
30° ⅟₁	5 mm	LFI-1
	10 mm	LFI-5
45° ⅟₁	5 mm	LFI-2
	10 mm	LFI-6
70° ⅟₁	5 mm	LFI-3

appropriate for instruments with round profile
geeignet für Instrumente mit rundem Profil
(Ø 4 - 18 mm)





exemplary configuration
Beispielkonfiguration

1/6

ANGULATED ROD
WINKELSTAB
16 x 16 x 1000 x 600 mm

EEJ-2 (a,b,c)

1/4

COUPLING RIDER
VERBINDUNGSSCHLITTEN

EEP-0

1/4

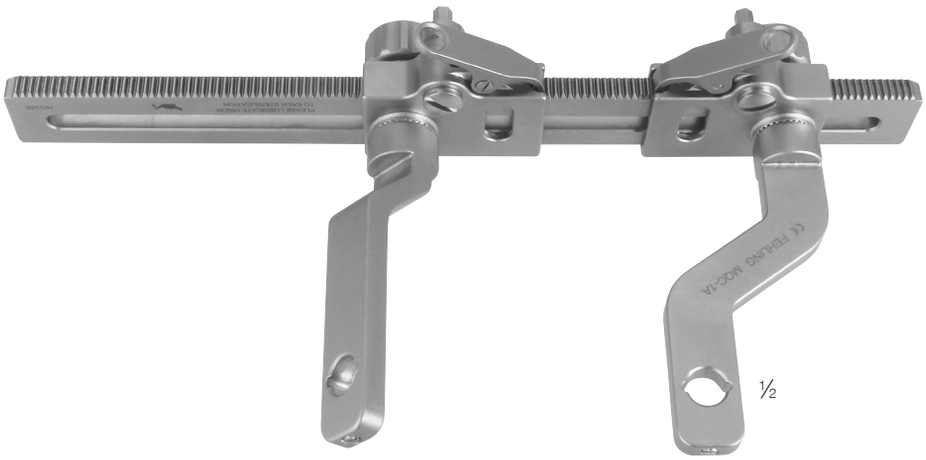
OR-TABLE ADAPTING CLAMP
ANGLE ADJUSTABLE (16 x 16 mm)
OP-TISCH HALTEKLAUE
WINKELVERSTELLBAR (16 x 16 mm)

EEJ-1

1/4

BLADE GUIDE
HAKENFÜHRUNG
300 mm

EEL-4F



½

IMA RETRACTOR, COMPLETE WITH TWO ROTATABLE ARMS
IMA SPREIZER, KOMPLETT MIT ZWEI DREHBAREN ARMEN

MQC-1I
(consisting of / bestehend aus: MQC-1, MQC-1A, MQC-1B)

½

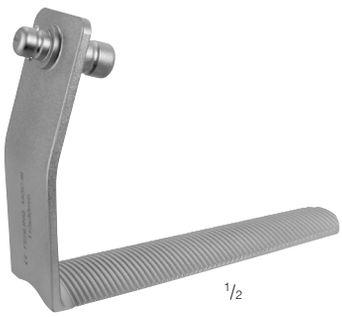
IMA COUNTERBLADE
IMA GEGENBLATT

BLADE SIZE BLATTGRÖßE	
40 x 35 x 60 mm	MQF-1
50 x 35 x 60 mm	MQF-2

½

XIPHOID BLADE
XIHPOID BLATT

BLADE SIZE BLATTGRÖßE	
40 x 30 x 20 mm	MQE-3I
40 x 45 x 20 mm	MQE-2I
40 x 60 x 20 mm	MQE-1I



½

IMA BLADE
IMA BLATT

BLADE SIZE BLATTGRÖßE	
70 x 30 mm	MQC-6I
90 x 30 mm	MQC-7I
110 x 30 mm	MQC-8I
130 x 30 mm	MQC-9I
70 x 40 mm	MQC-2I
90 x 40 mm	MQC-3I
110 x 40 mm	MQC-4I

½

CARDAN SCREWDRIVER
KARDAN SCHRAUBENDREHER

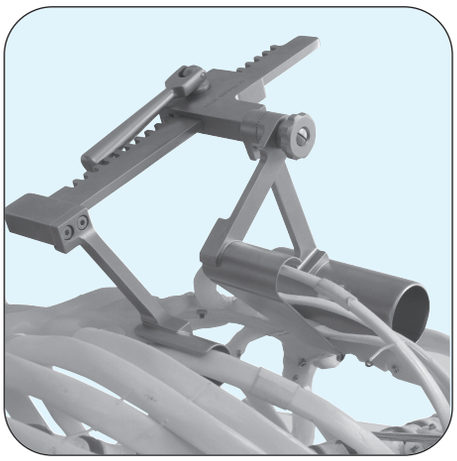
LMT-4

½

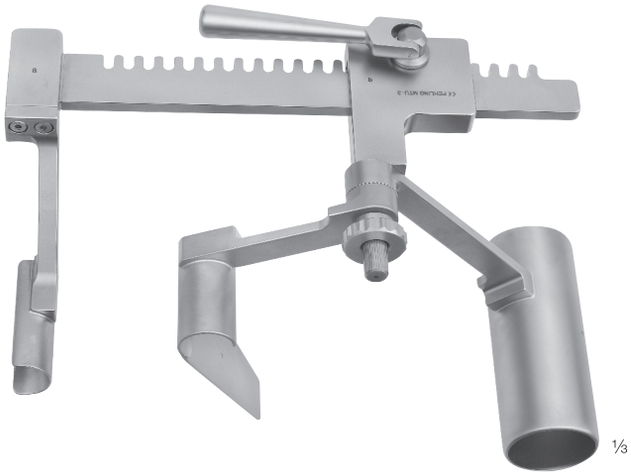
CERAMO®
HEXAGONAL WRENCH
SECHSKANTSCHLÜSSEL

NVG-9

CTS



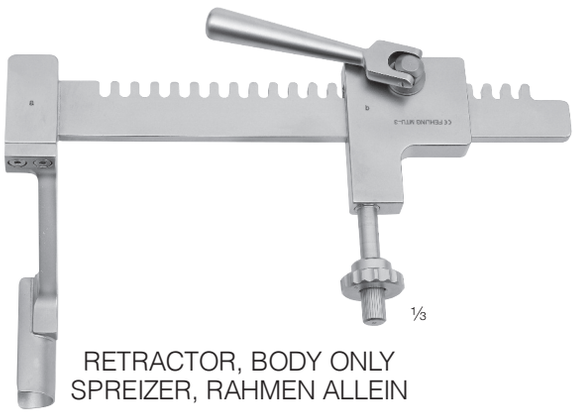
exemplary configuration
Konfigurationsbeispiel



MICS IMA RETRACTOR, COMPLETE
MICS IMA-SPREIZER, KOMPLETT

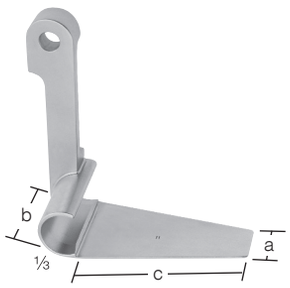
MTU-3

COMPONENTS INCLUDED IN MTU-3:
IN MTU-3 ENTHALTENE BESTANDTEILE:



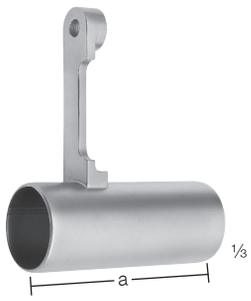
RETRACTOR, BODY ONLY
SPREIZER, RAHMEN ALLEIN

MTU-3(a)



IMA-BLADE
IMA BLATT

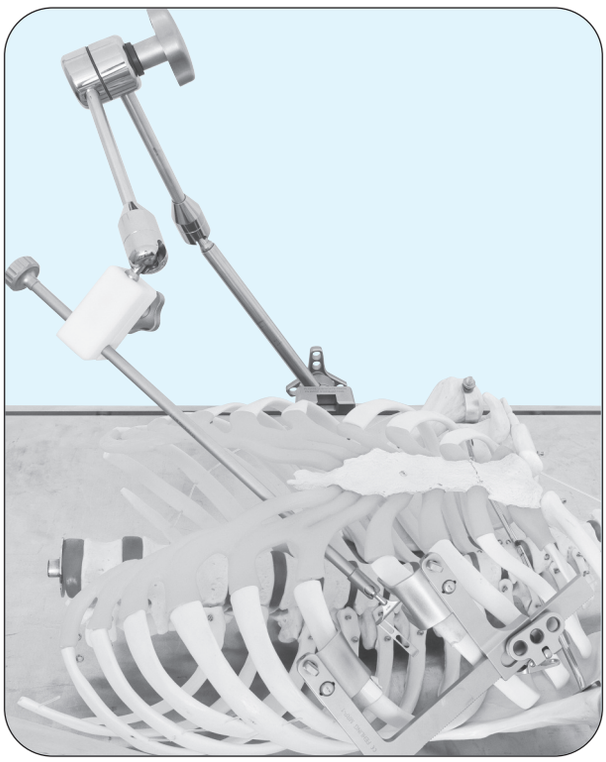
a x b x c	
18 x 40 x 72 mm	MTU-3(f1)
20 x 45 x 80 mm	MTU-3(f2)
22 x 50 x 88 mm	MTU-3(f3)

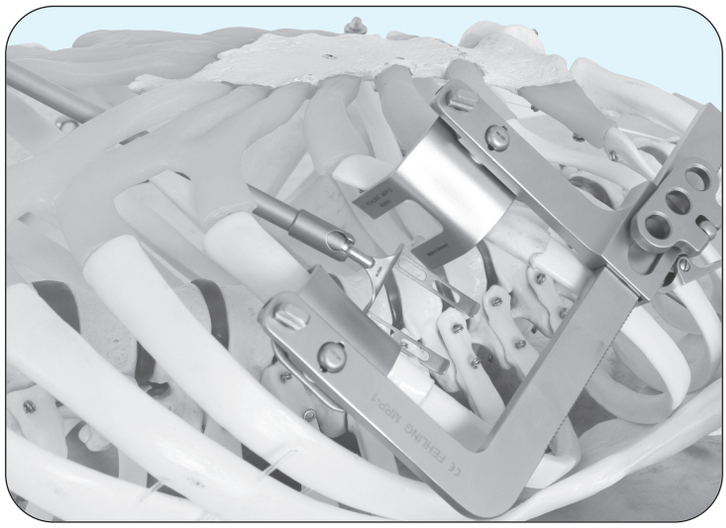


LEVER ARM
HEBELARM

a	
70 mm	MTU-3(g1)
100 mm	MTU-3(g2)

MYOCARDIAL MUSCLE STABILIZER
HERZMUSKELSTABILISATOR





exemplary configuration
Konfigurationsbeispiel

½

BLADE GUIDE (Ø8)
HAKENFÜHRUNG (Ø8)
300 mm

MTI-1

1/1

GUIDING PROBE
FÜHRUNGSSONDE

MTI-2V

1/1

MYOCARDIAL MUSCLE STABILIZER 90°
HERZMUSKELSTABILISATOR 90°

MRJ-9V

REQUIRED ACCESSORY FOR TABLE-FIXATION (see page 11/17) ERFORDERLICHES ZUBEHÖR FÜR TISCHFIXIERUNG (siehe Seite 11/17)	CONCEPT INSTRUMENT ATTACHMENT CONCEPT INSTRUMENTEN-HALTERUNG EEP-7	OR-TABLE ADAPTING CLAMP OP-TISCHHALTEKLAUE EEK-1F

SCHÄFERS

1/2

CALLIPER FOR
AORTIC VALVE CUSP
LEHRE FÜR
AORTENKLAPPENSEGEL
200 mm

1/1

LARGE
GROSS

MSS-1V

1/1

MEDIUM
MITTEL

MSS-3

1/1

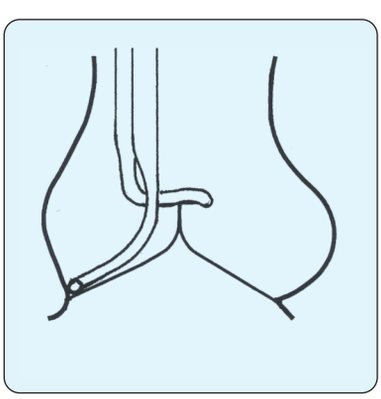
SMALL
KLEIN

MSS-2V

1/1

LOCK NUT FOR MSS-*
KONTERMUTTER FÜR MSS-*
ZDS-6

optional – for fixation of the measuring
optional – zur Fixierung der Messung



1/1

RULER
MESSSTAB
160 mm

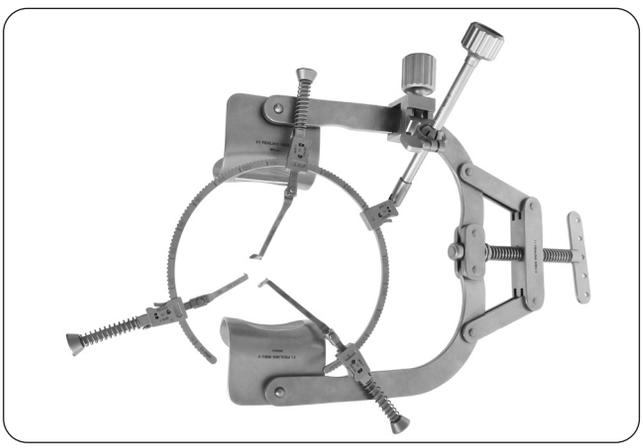
MNV-0

1/2

SUPERPLAST
CROSS-SECTION SIZER
QUERSCHNITTSLEHRE
220 mm

Ø A / B	
18 / 20 mm	MNX-1
19 / 21 mm	MNX-6
22 / 24 mm	MNX-2
23 / 25 mm	MNX-7
26 / 28 mm	MNX-3
27 / 29 mm	MNX-8
30 / 32 mm	MNX-4
31 / 33 mm	MNX-9
34 / 36 mm	MNX-5
17 / 35 mm	MNX-0

SCHÄFERS



exemplary configuration
Konfigurationsbeispiel

½

AVR RETRACTOR / BODY ONLY
AKR-SPREIZER / RAHMEN ALLEIN
Ø 140 mm

MRW-1G

½

COUPLING RIDER FOR RETRACTING BLADES
FIXIERSCHLITTEN FÜR HALTEBLÄTTER

MRW-7

RETRACTING BLADES
HALTEBLÄTTER

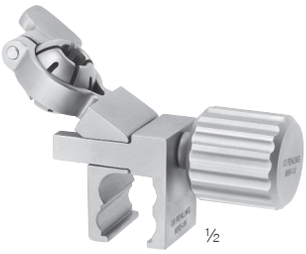
½

BLADE DEPTH BLATTTIEFE	
70 mm	MRW-2G
85 mm	MRW-3G
100 mm	MRW-4G
115 mm	MRW-5G

½

COUPLING RIDER WITH
CONNECTION BALL
KONNEKTORSCHLITTEN

MRW-6



½

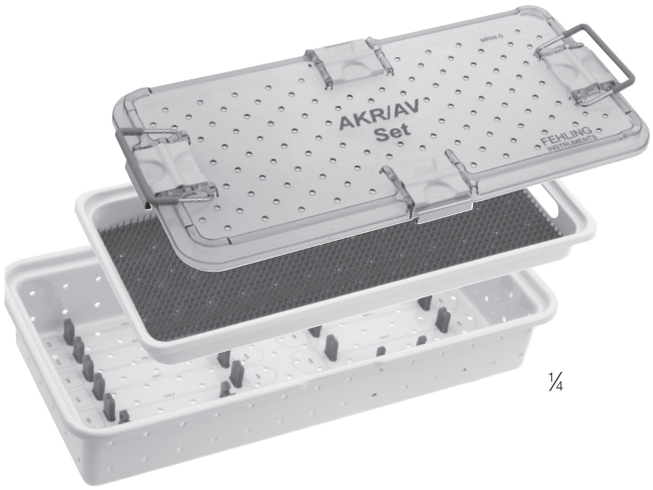
BALL JOINT ADAPTER (Ø8)
KUGELADAPTER (Ø8)

MRF-1V

½

BLADE GUIDE (Ø8)
HAKENFÜHRUNG (Ø8)
120 mm

MRI-0



¼

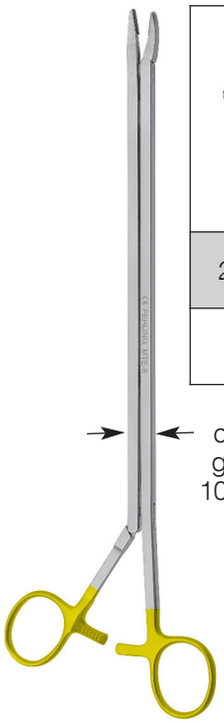
AVR STERILISATION AND STORAGE TRAY
AKR STERILISIER- UND LAGERCONTAINER
530 x 250 x 100 mm

MRW-0

MITHOS

INSTRUMENTS FOR MINIMALLY INVASIVE THORACIC SURGERY
INSTRUMENTE FÜR MINIMALINVASIVE THORAXCHIRURGIE

TC NEEDLEHOLDERS / TC NADELHALTER

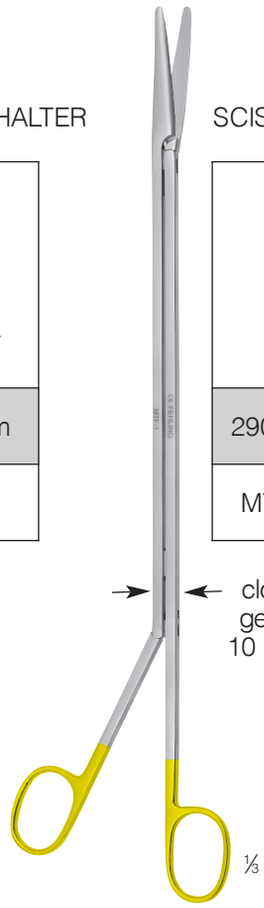


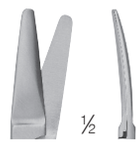
1/1 3 mm	1/1 4 mm	1/1 4 mm
285 mm	285 mm	340 mm
MTE-9	MTE-8	MTF-5

closed/open
geschl./offen
10 mm/12 mm

1/3

SCISSORS / SCHEREN

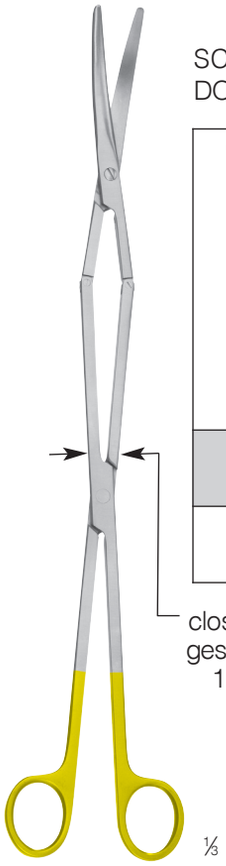


 1/2		1/2
290 mm	355 mm	360 mm
MTF-8	MTF-7	MTF-1

closed/open
geschl./offen
10 mm/12 mm

1/3

SCISSORS / SCHEREN
DOUBLE ACTION / BEIDSEITIG ÖFFNEND

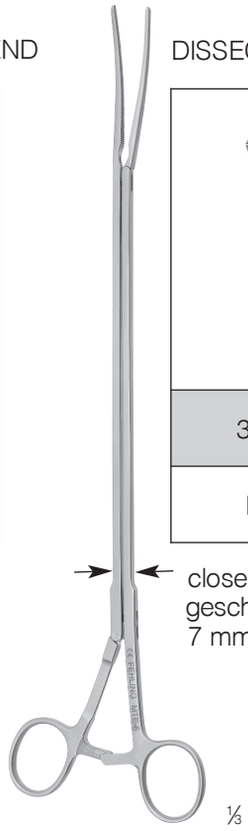


1/2	1/2
365 mm	360 mm
MTF-2	MTF-6

closed/open (max.)
geschl./offen (max.)
11 mm/30 mm

1/3

DISSECTING CLAMP / DISSEKTIONSKLEMME



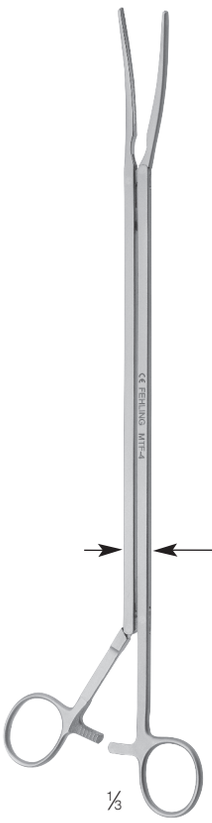
1/2
330 mm
MTE-6

closed/open
geschl./offen
7 mm/8 mm

1/3

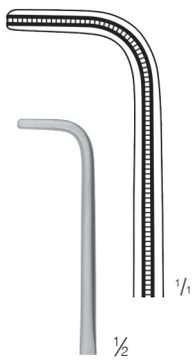
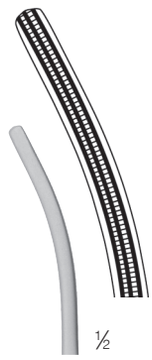
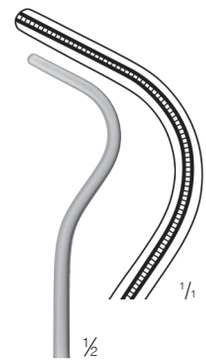
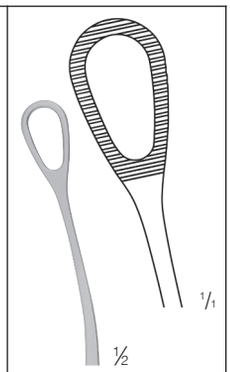
MITHOS

INSTRUMENTS FOR MINIMALLY INVASIVE THORACIC SURGERY
INSTRUMENTE FÜR MINIMALINVASIVE THORAXCHIRURGIE

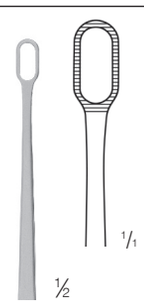
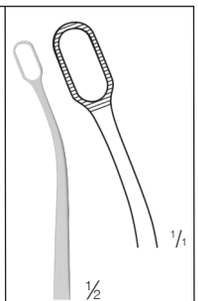


closed/open
geschl./offen
10 mm/12 mm

FORCEPS / KLEMMEN

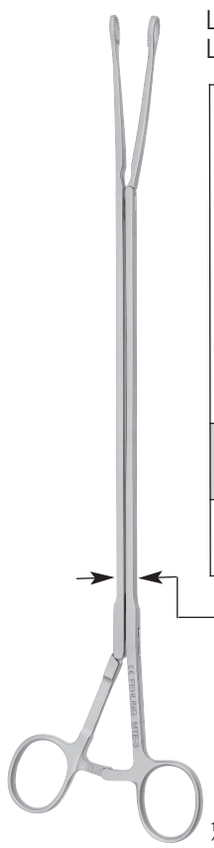
				
			14 mm	20 mm
NON-TRAUMATIC / ATRAUMATISCH			GRASPING FORCEPS FASSZANGE	LUNG GRASPING FORCEPS LUNGENFASSZANGE
330 mm	330 mm	350 mm	340 mm	350 mm
WITHOUT LOCK OHNE SPERRE	WITH LOCK MIT SPERRE	WITHOUT LOCK OHNE SPERRE	WITH LOCK MIT SPERRE	WITH LOCK MIT SPERRE
MTE-7	MRA-2V	MTF-3	MTE-1	MTE-2

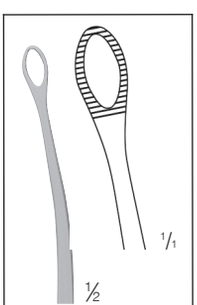
GRASPING FORCEPS / FASSZANGEN

	
11 mm	11 mm
340 mm	340 mm
MTE-4	MTE-5

closed/open
geschl./offen
5 mm/6 mm

LUNG GRASPING FORCEPS / LUNGENFASSZANGE

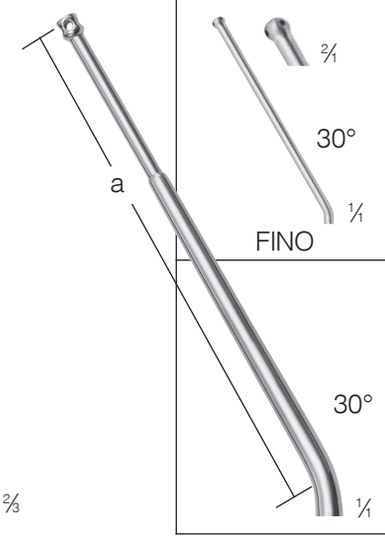



12 mm
350 mm
MTE-3

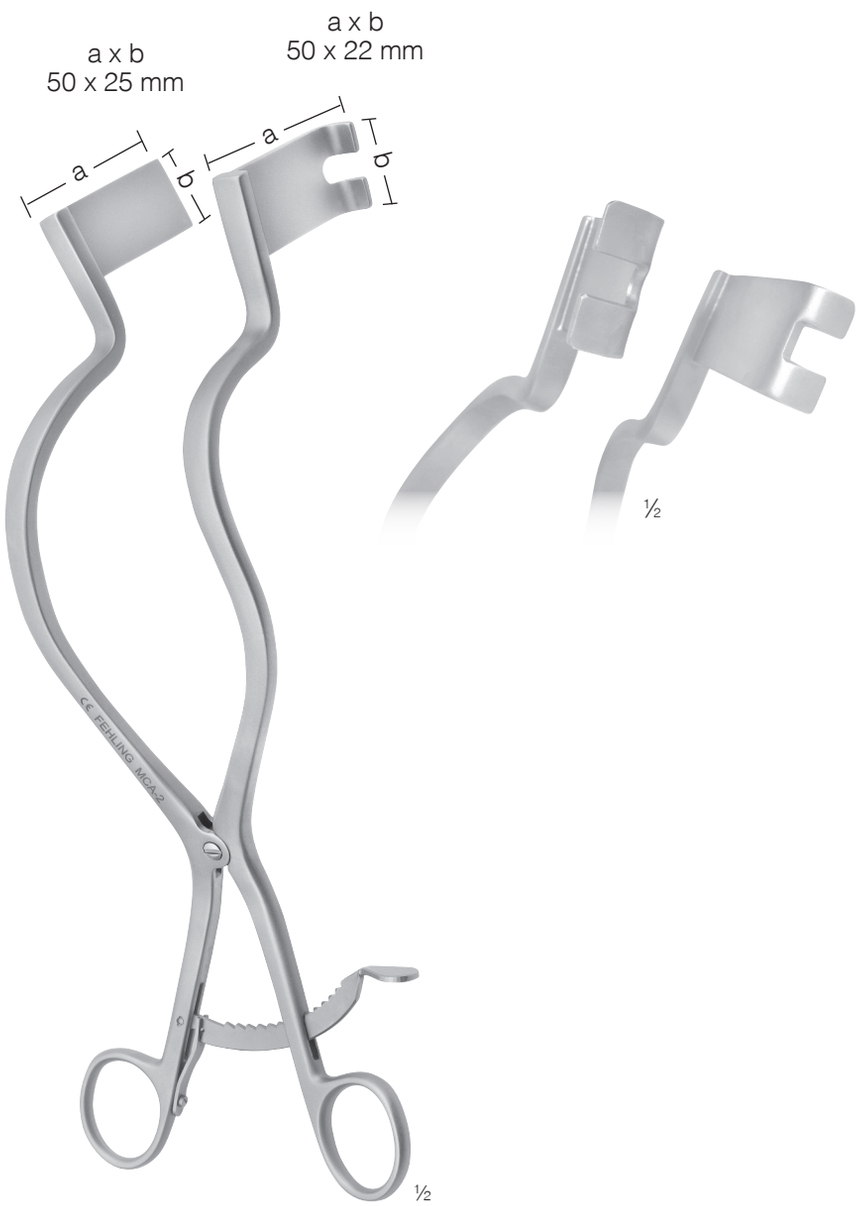
closed/open
geschl./offen
7 mm/8 mm

JAMIESON

DISSECTION CANNULAS
DISSEKTIONSSAUGER

	Ø HOLE / BALL LOCH / KUGEL	LENGTH LÄNGE	
	0,5 mm	270 mm	MMT-1
	1,0 mm	210 mm	MNF-0
	1,5 mm	270 mm	MMA-7
	1,0 mm	260 mm	MMC-0
	1,5 mm	270 mm	MME-5
	1,5 mm	290 mm	MME-1
	1,5 mm	290 mm	MME-2
	0,5 mm	a = 70 mm 270 mm	MMJ-0
	1,0 mm	a = 60 mm 270 mm	MMJ-6
		a = 70 mm 270 mm	MMB-0

MAYER PEA RETRACTOR
PEA SPREIZER



260 mm

MCA-2

SUPERPLAST
OCCLUDER
80 mm

1,0 mm	1,5 mm	2,5 mm
2,5 mm	2,0 mm	3,0 mm
MNK-0	MNK-1	MNK-2

Please note that not all products are available in every country.
Wir weisen darauf hin, dass einzelne Produkte oder Produktgruppen in manchen Ländern nicht verfügbar sein können.

The dimensions listed in the catalog are nominal measurements. Actual values may differ slightly due to variations in production.
Bei denen im Katalog angegebenen Maßen handelt es sich um Nennmaße. Die tatsächlichen Werte können fertigungsbedingt abweichen.

ZYA-5; 07/24