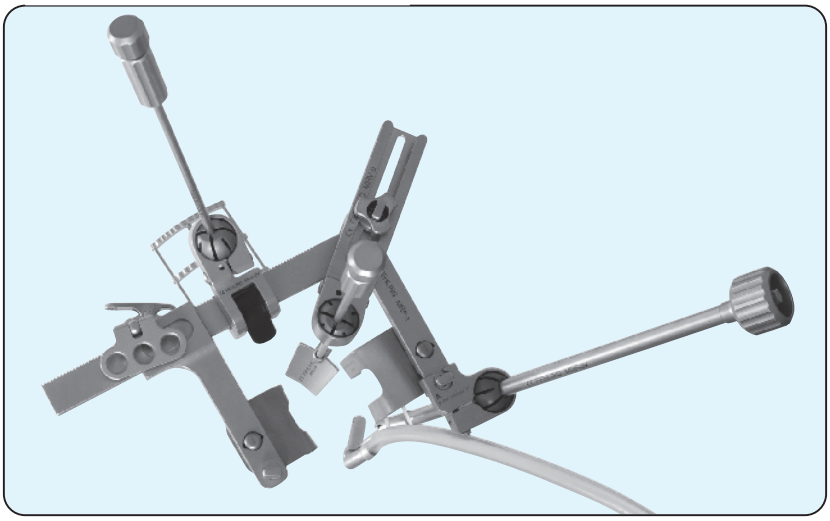
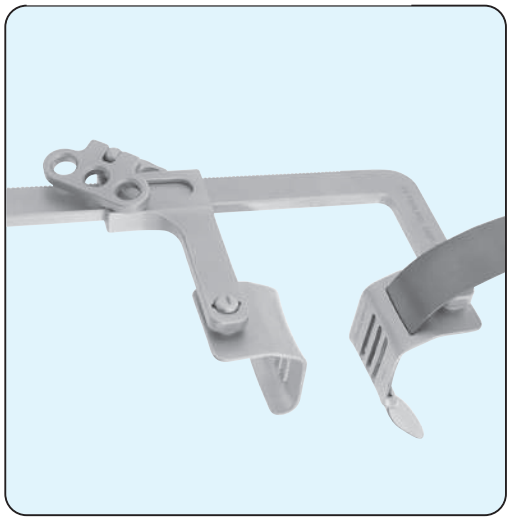
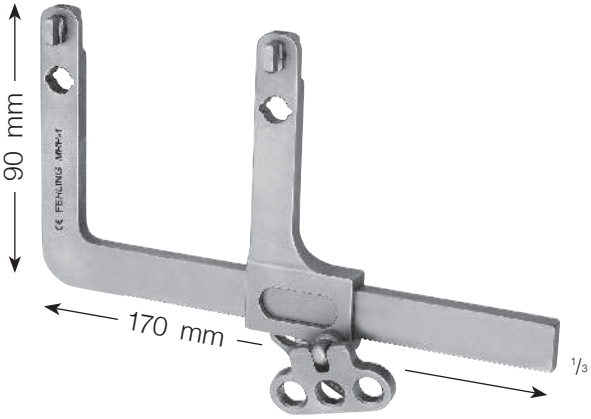


exemplary configuration
Konfigurationsbeispiel

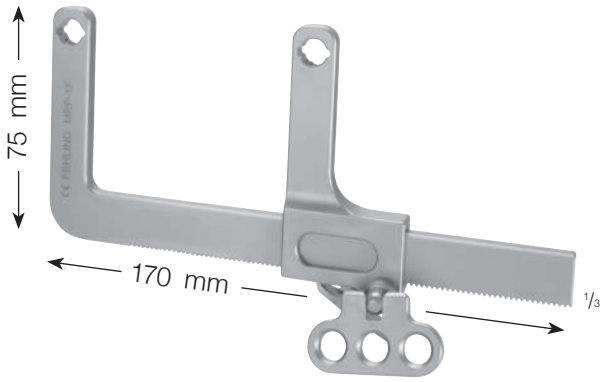


exemplary configuration
Konfigurationsbeispiel



INTERCOSTAL RETRACTOR
INTERCOSTALSPREIZER

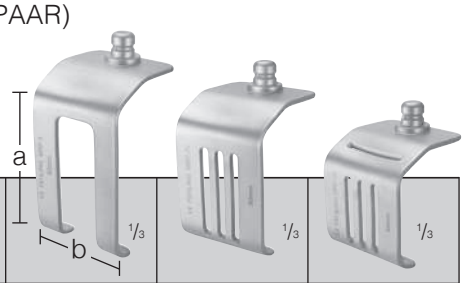
MRP-1



INTERCOSTAL RETRACTOR SHORT ARM
INTERCOSTALSPREIZER KURZARM

MRP-1F

RETRACTING BLADES (PAIR)
HALTEBLÄTTER (PAAR)



BLADE SIZE BLATTGRÖSSE a x b	1/3	1/3	1/3
40 x 35 mm	MRP-2	MRP-2V	MRP-2F
50 x 35 mm	MRP-3	MRP-3V	MRP-3F
60 x 35 mm	MRP-4	MRP-4V	MRP-4F
70 x 35 mm	MRO-7	MRO-7V	
80 x 35 mm		MRQ-7	
90 x 35 mm		MRQ-8	
100 x 35 mm		MRQ-9	

CERAMO® SUPERPLAST
SPATULA
SPATEL
24 x 250 mm

EOJ-7

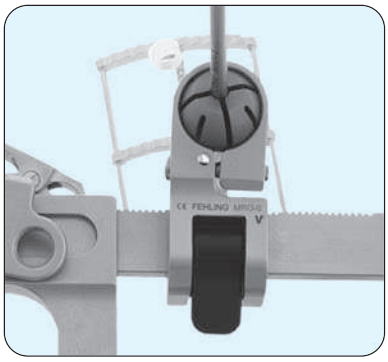
MVR RETRACTOR ACCESSORIES
MKR SPREIZER ZUBEHÖR

½

BLADE GUIDE (Ø4)
HAKENFÜHRUNG (Ø4)
220 mm

MRN-3

RETRACTION OF THE AORTIC ROOF
RETRAKTION DES VORHOFDACHS



exemplary configuration
Konfigurationsbeispiel

½

BALL ADAPTER (Ø4)
KUGELADAPTER (Ø4)

MRO-0V*

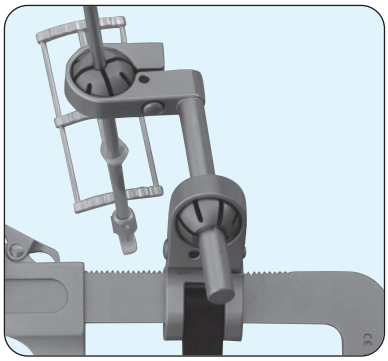
* with wing screw: MRO-0
* mit Flügelschraube: MRO-0

Inside screw prevents jammed sutures and is space saving; cardan screwdriver LMT-4 required for tightening.

Innenliegende Schraube verhindert Einklemmen von Fäden und spart Platz; Kardan Schraubendreher LMT-4 zum Anziehen erforderlich.

For adapters with wing screw no screwdriver required.

Für Adapter mit Flügelschraube kein Schraubendreher erforderlich.



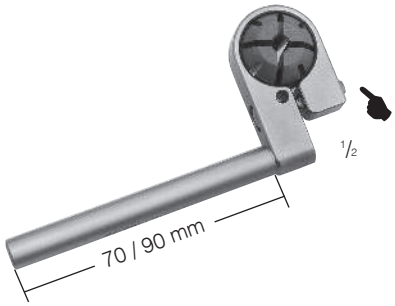
exemplary configuration
Konfigurationsbeispiel

½

BALL ADAPTER (Ø8) FOR MRR-2V/L
KUGELADADAPTER (Ø8) FÜR MRR-2V/L

MRR-1V*

* with wing screw: MRR-1
* mit Flügelschraube: MRR-1

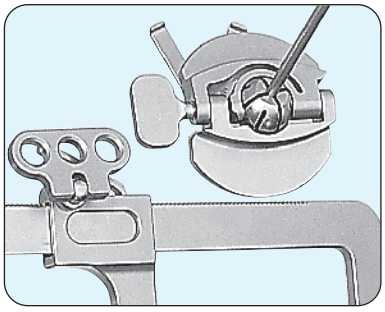


½

BALL ADAPTER (Ø4)
WITH DISTANCE ELEVATOR
KUGELADAPTER (Ø4)
MIT DISTANZHEBEL

70 mm	90 mm
MRR-2V*	MRR-2L

* with wing screw: MRR-2
* mit Flügelschraube: MRR-2



exemplary configuration
Konfigurationsbeispiel

½

FIXATION DEVICE FOR MRN-3 (Ø4)
(FOR EXTERNAL STAB INCISION)
FIXIERVORRICHTUNG FÜR MRN-3 (Ø4)
(FÜR SEPARATE STICHINZISION)

MRO-9*

*with inside screw MRO-9V
*mit innenliegender Schraube MRO-9V

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	MRA-3	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-5	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

Ø 2,0 mm

⅔

YANKAUER SUCTION TUBE
YANKAUER SAUGROHR
285 mm

HAA-4

⅔

VALVULAR SUCTION TUBE
SAUGER FÜR KLAPPENCHIRURGIE

Ø 6,0 mm

⅔

CERAMO®
SUCTION CANNULA FOR
VALVE DECALCIFICATION
ENTKALKUNGSSAUGER
240 mm

MNF-5

⅔

HLM-ASPIRATOR
HLM-SAUGER
280 mm

MEL-7

300 mm	350 mm*
MNO-0	MNO-8

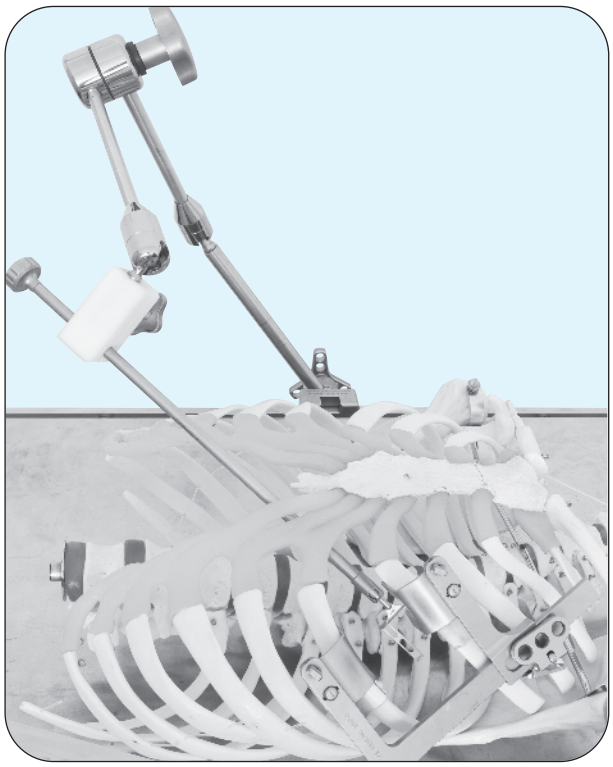
* particularly for MICS MVR
speziell für MICS MKR/MKE

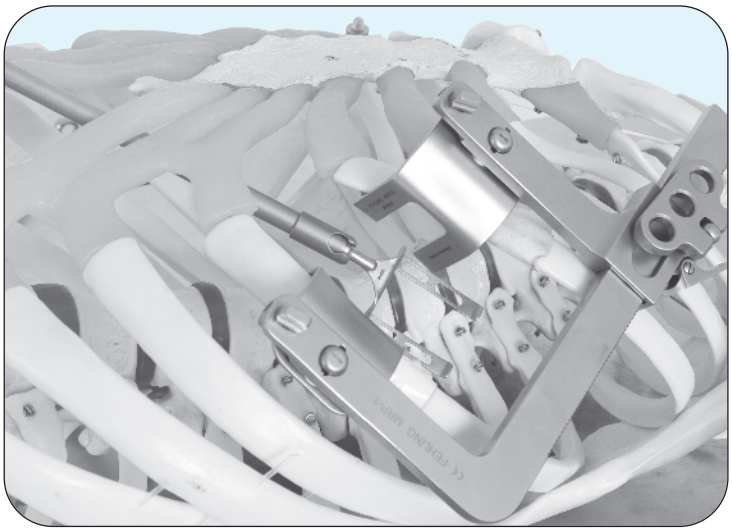
CERAMO® RONDO-S

VASCULAR SCISSORS
GEFÄSS-SCHEREN

		TOTAL LENGTH GESAMT-LÄNGE	1/1 7 mm	1/1 10 mm
25° 1/1	POINTED SPITZ	180 mm	BSP-1S	BSM-1S
		210 mm		BSI-5S
		250 mm		BSL-4S
	BALLPOINTED MIT KNOPF	180 mm		BSD-1
45° 1/1	POINTED SPITZ	180 mm	BSP-2S	BSM-2S
		210 mm		BSI-6S
		250 mm		BSL-6S
	BALLPOINTED MIT KNOPF	180 mm		BSD-2
60° 1/1	POINTED SPITZ	180 mm	BSP-3S	BSM-3S
		210 mm		BSI-7S
	BALLPOINTED MIT KNOPF	180 mm		BSD-3
90° 1/1	POINTED SPITZ	170 mm		BSM-4S
		210 mm		BSI-8S
	BALLPOINTED MIT KNOPF	170 mm		BSD-4
125° 1/1	POINTED SPITZ	170 mm		BSM-5S
		210 mm		BSI-9S
		250 mm		BSL-9S
	BALLPOINTED MIT KNOPF	170 mm		BSD-5
140° 1/1	POINTED SPITZ	250 mm		BSL-0S

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	OR-TABLE ADAPTING CLAMP OP-TISCHHALTEKLAUE
	EEP-7	EEK-1F

Fehling Surgical Instruments, Inc.
509 Broadstone Lane
Acworth, GA 30101
770 794-0111
770 794-0122
1-800-FEHLING
info@fehlingsurgical.com
www.fehlingsurgical.com

Fehling CERAMO® Surgical Instruments Features & Benefits:

CERAMO® Features:

- **Ultra hard**: results in outstanding wear resistance.
- **Inherent lubricity**: substantially reduces friction and prevents galling.
- **Very dense**: provides a non-stick surface for an easy to clean instrument that does not stain.
- **Highly inert**: will not corrode and has excellent chemical resistance.
- **CERAMO® coating is a molecular bond**: it does not blister, flake or chip.
- **Dark color surface**: reduces reflective glare and enhances depth perception of the surgeon.

CERAMO® Benefits:

- **Reduction of abrasive wear**: Surgical instruments with surfaces that are subject to abrasive wear benefit the most from a CERAMO® coating. Cutting edges of scissors, kerrisons, rongeurs, curettes, etc. remain sharp for an extended time. CERAMO® protects the jaws of needleholders and forceps. Surfaces like atraumatic DeBakey or tungsten-carbide-melt are improved and remain intact.
- **Improvement of hygiene:** The smooth, dense structure of CERAMO® coating reduces the risk of contamination by germs and toxins. Since CERAMO® coating is applied while the instruments are disassembled, all components of an instrument are completely covered by CERAMO®. The outstanding chemical inactivity of CERAMO® surfaces practically avoids chemical reactions, reduces sticking and improves the cleaning. CERAMO® does not require any special cleaning / sterilization procedures.
- **Reduction of reflective glare:** The surgeon's sight is improved because the dark color of CERAMO® coated instruments does not reflect the surgical lights like stainless instruments, therefore influencing advantageously the quality of surgical work. Furthermore the perception of how deep an instrument is in the wound is enhanced with the sharp contrast between the CERAMO® instrument and tissue / bone.
- **Optimal grip with CERAMO® / PLASMA forceps / needleholders:** Micro needleholders and forceps feature a tungsten-carbide-melt surface in the jaws. On top of this surface, however, we have the CERAMO® coating. With this combination the problem of "rotating needles" (size 7.0 and smaller) in the jaws of the needleholder under regular conditions is solved, even if grabbed at the very distal end. With CERAMO® forceps the surgeon can grasp tissue, sutures, etc. with a secure grip.
- **Improvement of economy:** The fact that CERAMO® coated instruments have a prolonged life of at least 6 times that of conventional instruments accounts for considerable savings in the hospitals. Cost of maintenance / repair is drastically reduced. Replacement instruments / back-ups for instruments out of service are not necessary. Due to the enhanced performance, surgery time is shortened, resulting in savings in O.R. use, time and personnel. Further costs avoided are instrument-related surgical complications, subsequent surgery and indemnification.