STEMA

MINIMALLY INVASIVE SPINE SURGERY





SPINE



WWW.STEMA-MEDIZINTECHNIK.DE

ABOUT US

SINCE 20 YEARS

EXPORT IN +70 COUNTRIES

MADE IN GERMANY

+ 10.000 PRODUCTS

LOCATED IN THE WORLD CENTER FOR MEDICAL TECHNOLOGY

CERTIFICATED

STEMA Medizintechnik GmbH is certified in accordance with the highest standards:
- DIN EN ISO 13485:2016 + AC:2016
- EU 2017/745 **(MDR)**
- Council Directive 93/42/EEC Annex II excluding Section 4
- Council Directive 93/42/EEC Annex V excluding Section 3
- FDA

These standards create an essential base for our company and our partners. They also symbolize the commitment and strive to keep up the quality of our products.

STEMA

PRODUCT RANGE

The current product range of STEMA Medizintechnik GmbH includes more than 10.000 different items.
We cover the following areas in surgery with high quality products:

ARTHROSCOPY
CARDIAC MIS
CONTAINER-SYSTEMS
ENT
GASTROENTEROLOGY
GYNAECOLOGY
HF-SURGERY
LAMINECTOMY
LAPAROSCOPY
MICRO MOTOR SYSTEMS
PROCTOSCOPY
SPINE-SURGERY
TITANIUM PLATING SYSTEM
UNITS
UROLOGY



STEMA

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1. ENDOSCOPES

1.1 | HD SPINE ENDOSCOPES
0° ENDOSCOPES
15° ENDOSCOPES
30° ENDOSCOPES

1.2 | HD SPINE ENDOSCOPES WITH WORKING SLEEVES
0° ENDOSCOPES
15° ENDOSCOPES
30° ENDOSCOPES

1.1 | HD SPINE ENDOSCOPES

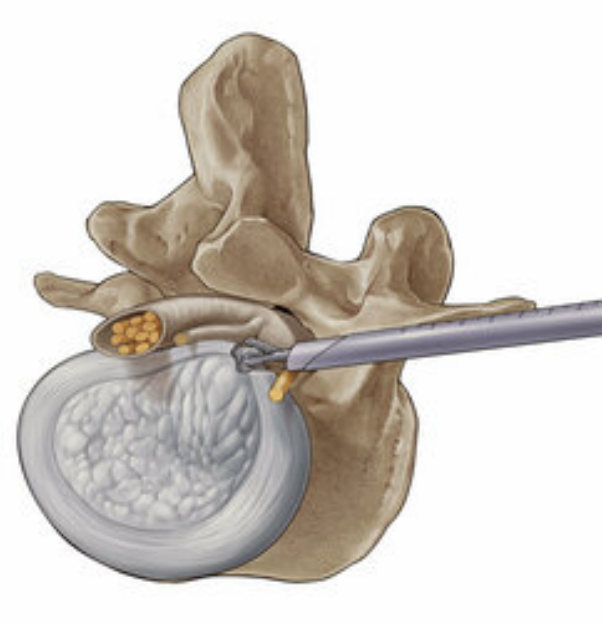
0° 15° 30°



STEMA

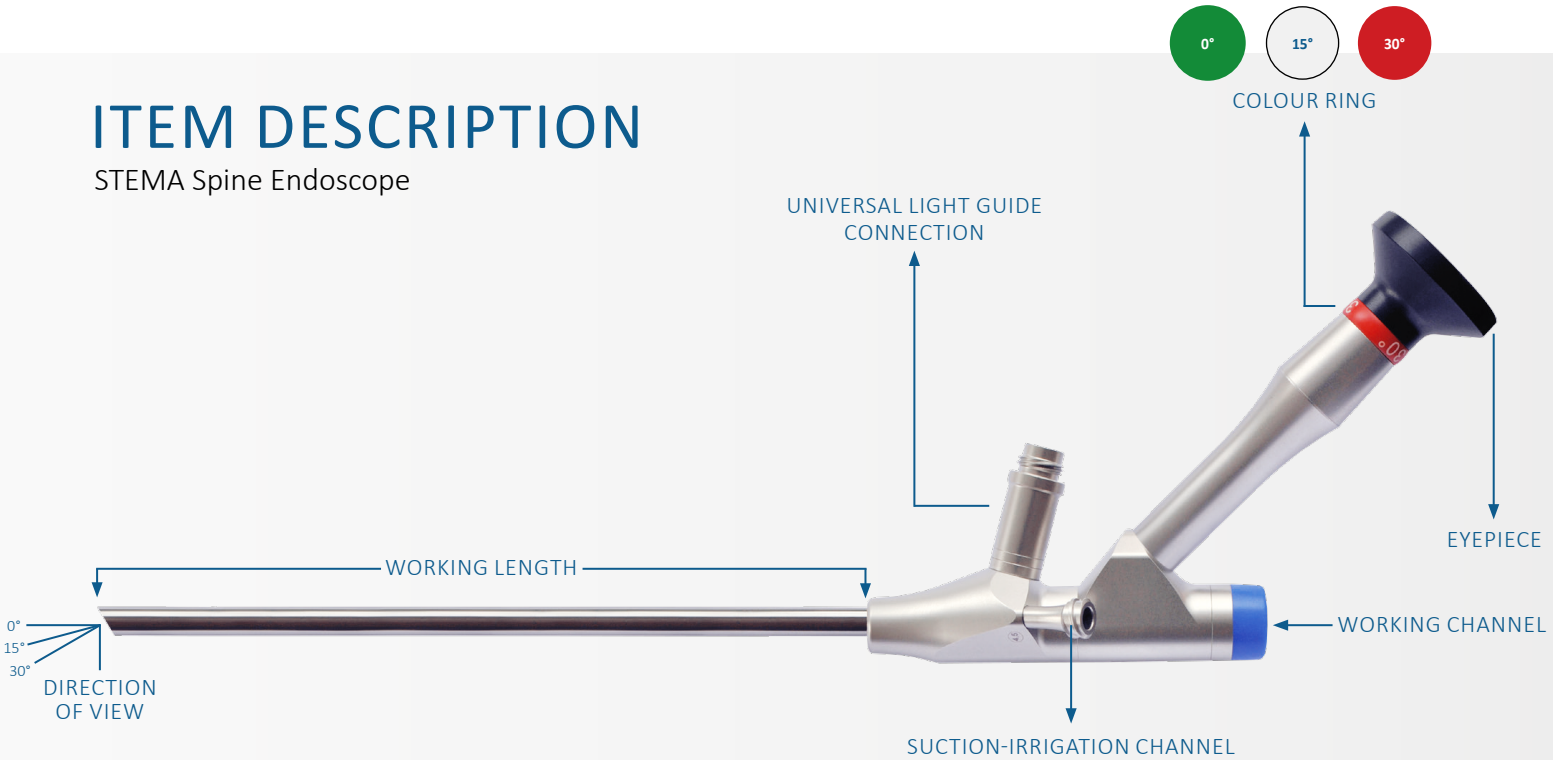
1.1 | HD SPINE ENDOSCOPES

- Adaptors to connect different light cables
- High Definition pictures
- Eyepiece for C-mount connection
- High Performance
- Fully autoclavable



ITEM DESCRIPTION

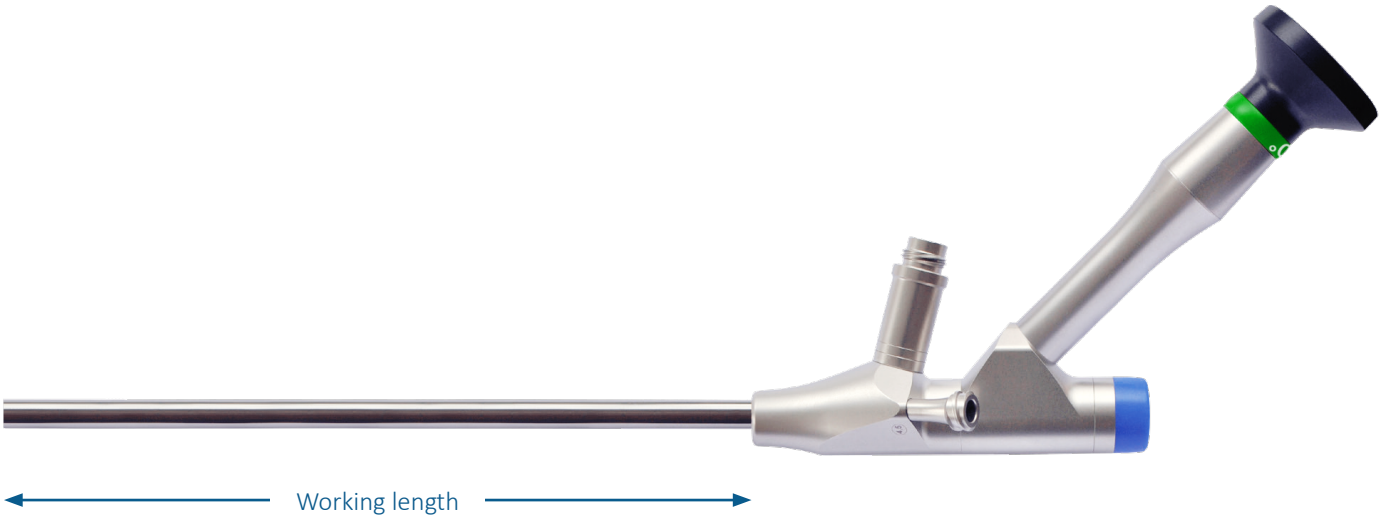
STEMA Spine Endoscope



STEMA

0°

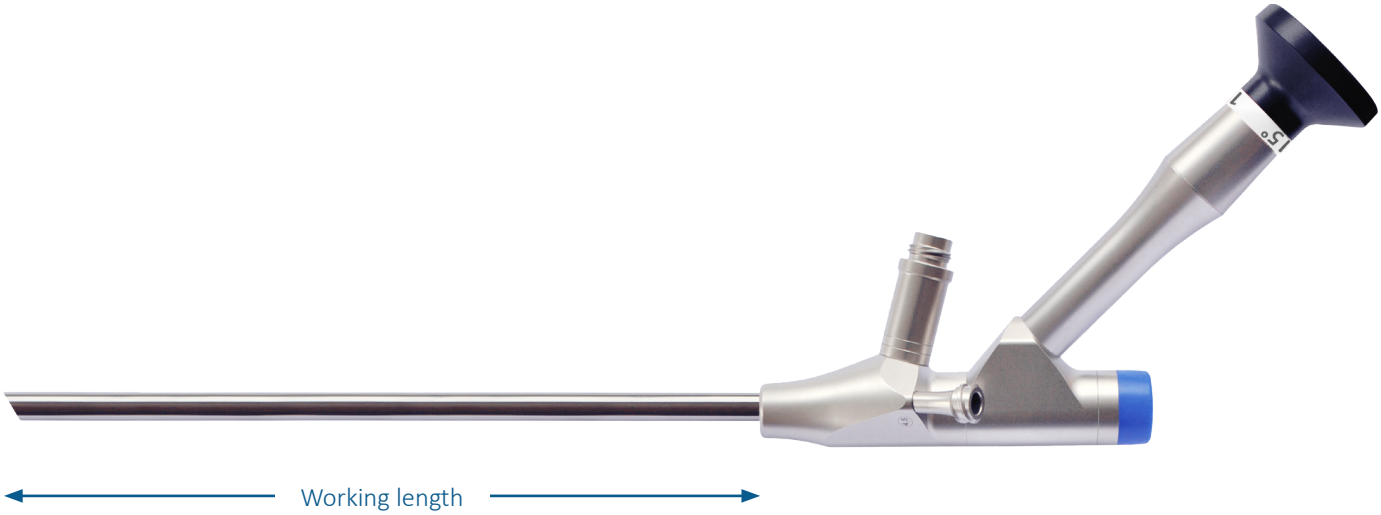
1.1 | ENDOSCOPES
HD SPINE ENDOSCOPES | 0°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-023	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel - Opening angle 80°	0°	**Ø 6.3mm**	**Ø 3.75mm**	181mm

15°

1.1 | ENDOSCOPES
HD SPINE ENDOSCOPES | 15°

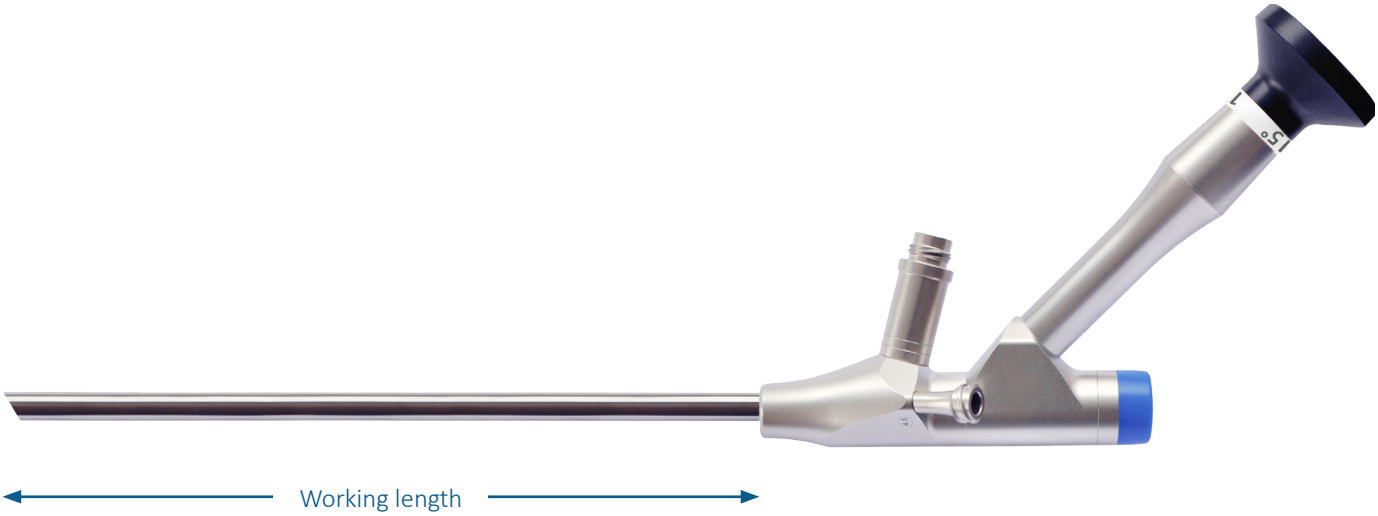


Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-024	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel - Opening angle 80°	15°	**Ø 6.9mm**	**Ø 4.3mm**	125mm
MA-002-007					181mm

Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-021	**HD Spine endoscope** - 45° angled ocular - 1 x **1.6mm** irrigation channel - Opening angle 80°	15°	**Ø 8.4mm**	**Ø 5.7mm**	90mm
MA-002-025	**HD Spine endoscope** - 45° angled ocular - 2 x **1.6mm** irrigation channel - Opening angle 80°	15°	**Ø 8.4mm**	**Ø 5.7mm**	100mm
MA-002-012	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel - Opening angle 80°	15°	**Ø 8.4mm**	**Ø 5.7mm**	125mm

15°

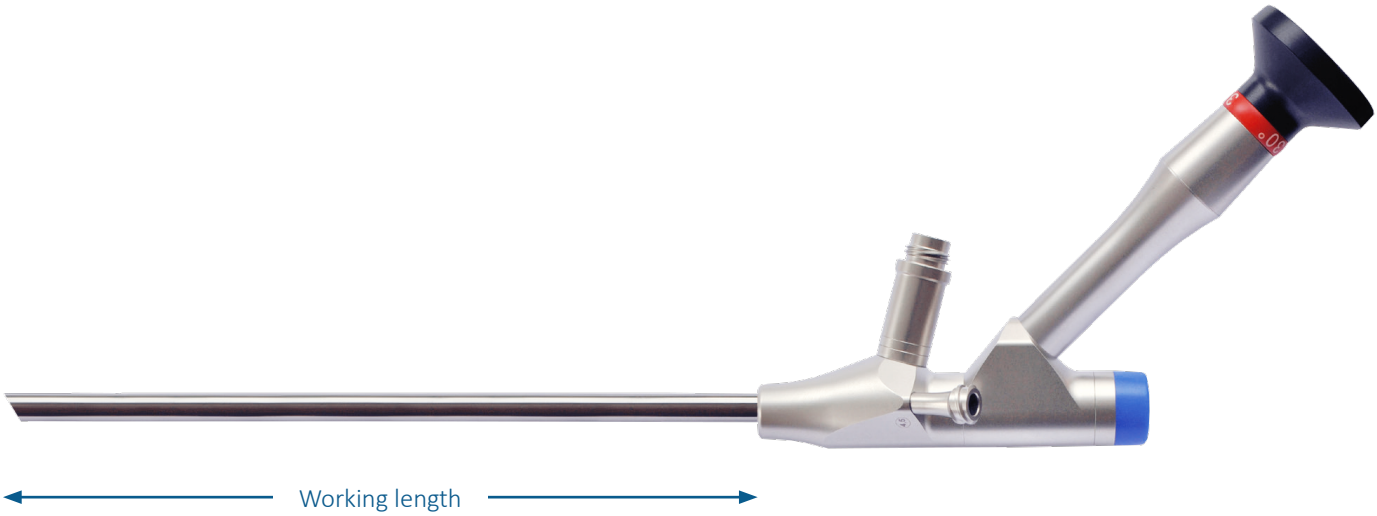
1.1 | ENDOSCOPES
HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-019	**HD Spine endoscope** - 45° angled ocular - 2 x **1.7mm** irrigation channel - Opening angle 80°	15°	**Ø 10.0mm**	**Ø 6.0mm**	125mm
MA-002-020	**HD Spine endoscope** - 45° angled ocular - 1 x **1.6mm** irrigation channel - Opening angle 80°	15°	**Ø 10.0mm**	**Ø 6.4mm**	74mm
MA-002-026	**HD Spine endoscope** - 45° angled ocular - 2 x **1.7mm** irrigation channel - Opening angle 80°	15°	**Ø 10.0mm**	**Ø 7.1mm**	100mm
MA-002-018	**HD Spine endoscope** - 45° angled ocular - 2 x **1.7mm** irrigation channel - Opening angle 80°	15°	**Ø 10.0mm**	**Ø 7.1mm**	125mm

30°

1.1 | ENDOSCOPES
HD SPINE ENDOSCOPES | 30°

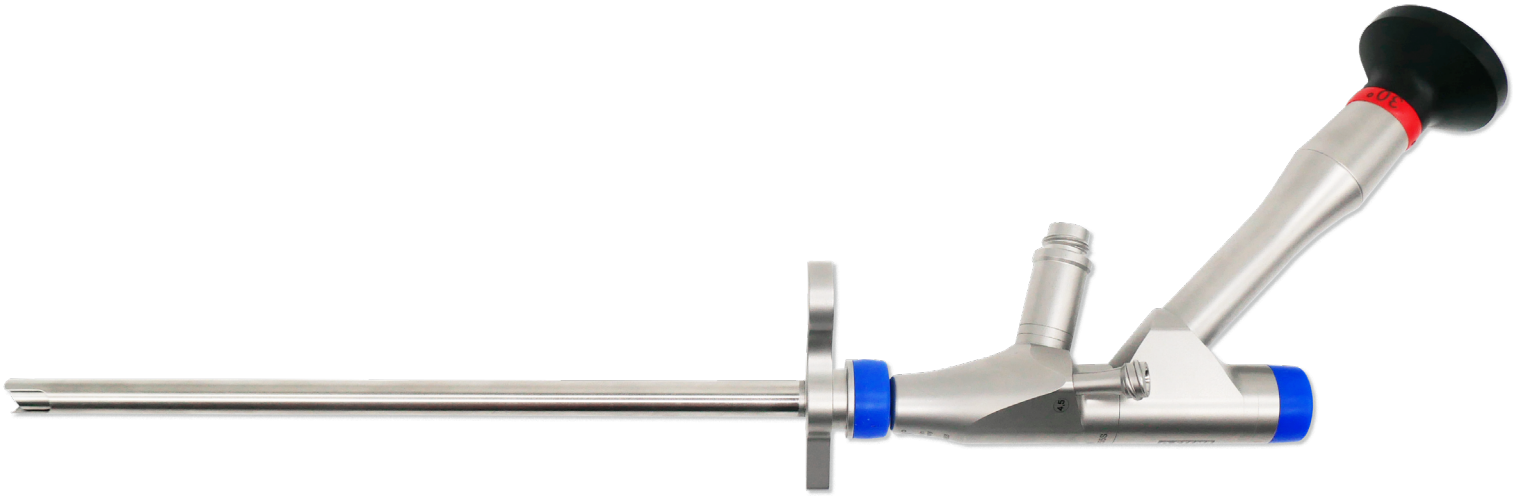


Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-001	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel - Opening angle 80°	30°	**Ø 6.3mm**	**Ø 3.75mm**	130mm
MA-002-003					181mm
MA-002-005					208mm

Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-009	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel - Opening angle 80°	30°	**Ø 6.9mm**	**Ø 4.3mm**	130mm
MA-002-010					160mm
MA-002-008					181mm

1.2 | HD SPINE ENDOSCOPES WITH WORKING SLEEVES

0° 15° 30°











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0°

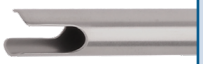
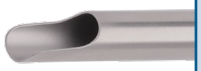
1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 0°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-023	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	0°	**Ø 6.3mm**	**Ø 3.75mm**	181mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, **standard**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-034
				130mm	MH-001-010
				178mm	MH-001-012
	SPINE working sleeve, **dual window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-036
				130mm	MH-001-014
				178mm	MH-001-016
	SPINE working sleeve, **lateral window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-044
				130mm	MH-001-018
				178mm	MH-001-020
	SPINE working sleeve, **long window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-040
				130mm	MH-001-022
				178mm	MH-001-024
	SPINE working sleeve, **oblique window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-042
				130mm	MH-001-026
				178mm	MH-001-028
	SPINE working sleeve, **elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	105mm	MH-001-050
				125mm	MH-001-040
	SPINE working sleeve, **short elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-038

15°

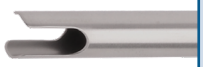
1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-024	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	15°	**Ø 6.9mm**	**Ø 4.3mm**	125mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, **standard**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-035
	SPINE working sleeve, **dual window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-037
	SPINE working sleeve, **lateral window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-045
	SPINE working sleeve, **long window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-041
	SPINE working sleeve, **oblique window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-043
	SPINE working sleeve, **elevator tip**	**Ø 7.2mm**	**Ø 8.0mm**	105mm	MH-001-047
				125mm	MH-001-041
	SPINE working sleeve, **short elevator tip**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-039

15°

1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-007	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	15°	**Ø 6.9mm**	**Ø 4.3mm**	181mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, **standard**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-035
				130mm	MH-001-011
				178mm	MH-001-013
	SPINE working sleeve, **dual window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-037
				130mm	MH-001-015
				178mm	MH-001-017
	SPINE working sleeve, **lateral window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-045
				130mm	MH-001-019
				178mm	MH-001-021
	SPINE working sleeve, **long window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-041
				130mm	MH-001-023
				178mm	MH-001-025
	SPINE working sleeve, **oblique window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-043
				130mm	MH-001-027
				178mm	MH-001-029
	SPINE working sleeve, **elevator tip**	**Ø 7.2mm**	**Ø 8.0mm**	105mm	MH-001-047
				125mm	MH-001-041
				178mm	MH-001-033
	Short elevator tip	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-039

15°

1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-025	**HD Spine endoscope** - 45° angled ocular - 2 x **1.6mm** irrigation channel	15°	**Ø 8.4mm**	**Ø 5.7mm**	100mm

WORKING SLEEVES





Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
SPINE working sleeve, **oblique window**	**Ø 8.5mm**	**Ø 9.5mm**	94mm	MH-001-056
			100mm	MH-001-057
	Ø 10.2mm	**Ø 11.0mm**	95mm	MH-001-051

15°

1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-026	**HD Spine endoscope** - 45° angled ocular - 2 x **1.7mm** irrigation channel	15°	**Ø 10.0mm**	**Ø 7.1mm**	100mm

WORKING SLEEVES





Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
SPINE working sleeve, **oblique window**	**Ø 10.2mm**	**Ø 11.0mm**	95mm	MH-001-051
	Ø 10.2mm	**Ø 11.2mm**	94mm	MH-001-058
			100mm	MH-001-059

15°

1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-012	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	15°	**Ø 8.4mm**	**Ø 5.7mm**	125mm

WORKING SLEEVES





Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
SPINE working sleeve, **oblique window**	**Ø 8.5mm**	**Ø 9.5mm**	94mm	MH-001-056
			100mm	MH-001-057
	Ø 10.2mm	**Ø 11.0mm**	95mm	MH-001-051
			120.5mm	MH-001-052

15°

1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 15°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-019	**HD Spine endoscope** - 45° angled ocular - 2 x **1.7mm** irrigation channel	15°	**Ø 10.0mm**	**Ø 6.0mm**	125mm
MA-002-018	**HD Spine endoscope** - 45° angled ocular - 2 x **1.7mm** irrigation channel	15°	**Ø 10.0mm**	**Ø 7.1mm**	125mm

WORKING SLEEVES





Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
SPINE working sleeve, **oblique window**	**Ø 10.2mm**	**Ø 11.0mm**	95mm	MH-001-051
			120.5mm	MH-001-052
	Ø 10.2mm	**Ø 11.2mm**	94mm	MH-001-058
			100mm	MH-001-059

30°

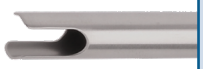
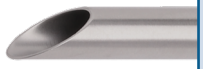
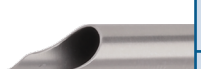
1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-001	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	30°	**Ø 6.3mm**	**Ø 3.75mm**	130mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, **standard**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-034
				130mm	MH-001-010
	SPINE working sleeve, **dual window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-036
				130mm	MH-001-014
	SPINE working sleeve, **lateral window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-044
				130mm	MH-001-018
	SPINE working sleeve, **long window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-040
				130mm	MH-001-022
	SPINE working sleeve, **oblique window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-042
				130mm	MH-001-026
	SPINE working sleeve, **elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	105mm	MH-001-050
				125mm	MH-001-040
	SPINE working sleeve, **short elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-038

30°

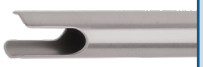
1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-003	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	30°	**Ø 6.3mm**	**Ø 3.75mm**	181mm
MA-002-005					208mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, **standard**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-034
				130mm	MH-001-010
				178mm	MH-001-012
	SPINE working sleeve, **dual window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-036
				130mm	MH-001-014
				178mm	MH-001-016
	SPINE working sleeve, **lateral window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-044
				130mm	MH-001-018
				178mm	MH-001-020
	SPINE working sleeve, **long window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-040
				130mm	MH-001-022
				178mm	MH-001-024
	SPINE working sleeve, **oblique window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-042
				130mm	MH-001-026
				178mm	MH-001-028
	SPINE working sleeve, **elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	105mm	MH-001-050
				125mm	MH-001-040
	SPINE working sleeve, **short elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	125mm	MH-001-038

30°

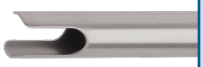
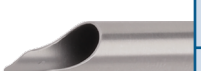
1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-009	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	30°	**Ø 6.9mm**	**Ø 4.3mm**	130mm
MA-002-010					160mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, **standard**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-035
				130mm	MH-001-011
	SPINE working sleeve, **dual window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-037
				130mm	MH-001-015
	SPINE working sleeve, **lateral window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-045
				130mm	MH-001-019
	SPINE working sleeve, **long window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-041
				130mm	MH-001-023
	SPINE working sleeve, **oblique window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-043
				130mm	MH-001-027
	SPINE working sleeve, **elevator tip**	**Ø 7.2mm**	**Ø 8.0mm**	105mm	MH-001-047
				125mm	MH-001-041
	SPINE working sleeve, **short elevator tip**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-039

30°

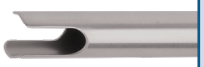
1.2 | ENDOSCOPES WITH WORKING SLEEVES
HD SPINE ENDOSCOPES | 30°



Ordering no.	Description	Direction of view	Outer Diameter	Working channel	Working length
MA-002-008	**HD Spine endoscope** - 45° angled ocular - 2 x **1.5mm** irrigation channel	30°	**Ø 6.9mm**	**Ø 4.3mm**	181mm

WORKING SLEEVES



	Description	Inner Diameter	Outer Diameter	Working length	Ordering No.
	SPINE working sleeve, **standard**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-035
				130mm	MH-001-011
				178mm	MH-001-013
	SPINE working sleeve, **dual window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-037
				130mm	MH-001-015
				178mm	MH-001-017
	SPINE working sleeve, **lateral window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-045
				130mm	MH-001-019
				178mm	MH-001-021
	SPINE working sleeve, **long window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-041
				130mm	MH-001-023
				178mm	MH-001-025
	SPINE working sleeve, **oblique window**	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-043
				130mm	MH-001-027
				178mm	MH-001-029
	SPINE working sleeve, **elevator tip**	**Ø 7.2mm**	**Ø 8.0mm**	105mm	MH-001-047
				125mm	MH-001-041
				178mm	MH-001-033
	Short elevator tip	**Ø 7.2mm**	**Ø 8.0mm**	125mm	MH-001-039

2. VARIOUS INSTRUMENTS

2.1 | VARIOUS INSTRUMENTS
SPINAL CANULAS & GUIDE WIRES
DILATATORS
PROBES, CHISELS & TROCARS
METAL RULER & HAMMER
DISSECTION PALPATION PROBE & ROD FORCEPS
TREPHINES & REAMERS
PROTECTION SLEEVES
CERVICAL TREPHINE & SLEEVES
WORKING SLEEVES
ACCESSORIES FOR SPINE WORKING SLEEVES AND ENDOSCOPES
CLEANING AND MAINTENANCE

2. VARIOUS INSTRUMENTS



STEMA

2.1 | VARIOUS INSTRUMENTS
SPINAL CANULAS & GUIDE WIRES



Ordering no.	Description	Diameter	Working length
MH-003-003	Spinal canula set	**Ø 0.8mm**	200mm
MH-003-004		**Ø 0.8mm**	230mm
MH-003-005		**Ø 1.0mm**	225mm
MH-003-001		**Ø 1.2mm**	150mm
MH-003-002		**Ø 1.2mm**	180mm
MH-003-006		**Ø 1.2mm**	280mm
MH-003-007		**Ø 1.6mm**	150mm
MH-003-008		**Ø 1.6mm**	180mm

Ordering no.	Description	Diameter	Working length
MH-002-001	Guide wire	**Ø 0.7mm**	400mm
MH-002-005		**Ø 0.8mm**	400mm
MH-002-002		**Ø 1.0mm**	400mm
MH-002-003		**Ø 1.2mm**	400mm
MH-002-004		**Ø 1.5mm**	400mm
MH-002-006	Guide wire, **(nitinol)**	**Ø 0.7mm**	400mm
MH-002-007		**Ø 1.2mm**	310mm
MH-002-008		**Ø 1.2mm**	400mm

2.1 | VARIOUS INSTRUMENTS
DILATATORS



Ordering no.	Description	Diameter	Working length
MH-002-010	Dilatator, **2-channel**	**Ø 5.0mm**	225mm
MH-002-011		**Ø 5.3mm**	225mm
MH-002-012		**Ø 6.3mm**	225mm
MH-002-013		**Ø 7.0mm**	225mm
MH-002-014	Dilatator, **1-channel**	**Ø 10.0mm**	185mm

2.1 | VARIOUS INSTRUMENTS
DILATATORS



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-030	Dilatator	**Ø 1.0mm**	**Ø 2.5mm**	230mm
MH-002-031		**Ø 1.5mm**	**Ø 4.0mm**	230mm
MH-002-032		**Ø 2.0mm**	**Ø 5.0mm**	230mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-033	Dilatator, **conical**	**Ø 1.0mm**	**Ø 2.5mm**	230mm
MH-002-034		**Ø 1.5mm**	**Ø 4.0mm**	230mm
MH-002-035		**Ø 2.0mm**	**Ø 5.0mm**	230mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-037	Dilatator, **conical**	**Ø 2.8mm**	**Ø 4.1mm**	185mm
MH-002-038		**Ø 4.2mm**	**Ø 5.1mm**	170mm
MH-002-039		**Ø 5.2mm**	**Ø 6.0mm**	160mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-036	Dilatator, **curved**	**Ø 1.0mm**	**Ø 2.5mm**	230mm

STEMA

2.1 | VARIOUS INSTRUMENTS
PROBES | CHISELS | TROCARS



	Ordering no.	Description	Diameter	Working length
	MD-004-010	Probe	**Ø 2.5mm**	310mm
	MD-004-018	Hook Probe, **hook height 3.0mm**	**Ø 3.0mm**	310mm
	MD-004-016	Hook Probe, **hook height 3.3mm**	**Ø 2.5mm**	310mm
	MD-004-017	Hook probe **(nitinol), hook height 3.3mm**	**Ø 2.5mm**	310mm
	MD-004-011	Hook probe, **hook height 5.0mm**	**Ø 2.5mm**	310mm
	MD-004-019	Hook probe, **with ball (Ø 3.0mm)**	**Ø 3.5mm**	310mm
	MD-004-012	Bone chisel, half round, **blunt**	**Ø 3.0mm**	310mm
	MD-004-013	Bone chisel, half round, **sharp**	**Ø 3.0mm**	310mm
	MD-004-021	Bone chisel, half round, **sharp**	**Ø 3.6mm**	310mm
	MD-004-014	Trocar	**Ø 3.0mm**	310mm
	MD-004-020	Elevator probe	**Ø 2.5mm**	310mm
	MD-004-022	Elevator probe	**Ø 3.0mm**	310mm

2.1 | VARIOUS INSTRUMENTS
METAL RULER | METAL HAMMER | PALPATION PROBE | ROD FORCEPS



Ordering no.	Description	Length
MD-010-002	Metal ruler	300mm



Ordering no.	Description	Diameter	Working length
MD-010-001	Metal hammer	**Ø 30mm**	240mm



Ordering no.	Description	Diameter	Working length
MD-004-015	Dissection palpation probe	**Ø 2.5mm**	350mm



Ordering no.	Description	Length
MB-001-001	STEMA guiding rod forceps, parallel closing, **V-nut one side**	18.5cm
MB-001-002	STEMA guiding rod forceps, parallel closing, **V-nut both sides**	18.5cm
MB-001-003	STEMA guiding rod forceps, parallel closing, **without teeth**	18.5cm

2.1 | VARIOUS INSTRUMENTS
HANDLE FOR TREPHINES | TREPHINES | REAMERS



Ordering no.	Description
MH-010-001	Quick-Lock handle **used for trephines**



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-010-002	Trephine, **scaled**	**Ø 4.1mm**	**Ø 5.1mm**	225mm
MH-010-003		**Ø 5.6mm**	**Ø 6.6mm**	225mm
MH-010-004		**Ø 6.6mm**	**Ø 7.6mm**	225mm
MH-010-005		**Ø 2.55mm**	**Ø 3.55mm**	350mm
MH-010-006		**Ø 3.1mm**	**Ø 4.1mm**	350mm



Ordering no.	Description	Diameter	Working length
MH-010-011	Reamer, **scaled**	**Ø 5.1mm**	260mm
MH-010-012		**Ø 6.6mm**	260mm
MH-010-013		**Ø 7.6mm**	260mm
MH-010-014		**Ø 8.8mm**	260mm

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2.1 | VARIOUS INSTRUMENTS
TREPHINE PROTECTION SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-100	SPINE protection sleeve for trephine, **oblique**	**Ø 5.2mm**	**Ø 6.0mm**	160mm
MH-001-101		**Ø 6.7mm**	**Ø 7.5mm**	160mm
MH-001-102		**Ø 7.7mm**	**Ø 8.5mm**	160mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-103	SPINE protection sleeve for trephine, **lateral window**	**Ø 5.2mm**	**Ø 6.0mm**	180mm
MH-001-104		**Ø 6.7mm**	**Ø 7.5mm**	180mm
MH-001-105		**Ø 7.7mm**	**Ø 8.5mm**	180mm
MH-001-106		**Ø 10.0mm**	**Ø 11.0mm**	175mm

2.1 | VARIOUS INSTRUMENTS
CERVICAL DILATATION SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-020	Cervical dilatation sleeve, **straight**	**Ø 3.8mm**	**Ø 4.1mm**	100mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-002-021	Cervical dilatation sleeve, **oblique**	**Ø 3.8mm**	**Ø 4.1mm**	100mm

STEMA

2.1 | VARIOUS INSTRUMENTS
CERVICAL TREPHINES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-010-030	Cervical trephine, **scaled**	**Ø 1.5mm**	**Ø 2.0mm**	260mm
MH-010-031		**Ø 2.7mm**	**Ø 3.1mm**	180mm
MH-010-032		**Ø 3.3mm**	**Ø 3.7mm**	150mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-010-020	Cervical dilatator, **conical**	**Ø 1.0mm**	**Ø 2.5mm**	180mm
MH-010-021		**Ø 2.7mm**	**Ø 3.1mm**	150mm
MH-010-022		**Ø 3.3mm**	**Ø 3.7mm**	120mm

STEMA

2.1 | VARIOUS INSTRUMENTS
WORKING SLEEVES



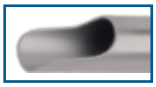
Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-034	Spine working sleeve, **standard**	**Ø 6.5mm**	**Ø 7.5mm**	125mm
MH-001-010		**Ø 6.5mm**	**Ø 7.5mm**	130mm
MH-001-012		**Ø 6.5mm**	**Ø 7.5mm**	178mm
MH-001-035		**Ø 7.2mm**	**Ø 8.0mm**	125mm
MH-001-011		**Ø 7.2mm**	**Ø 8.0mm**	130mm
MH-001-013		**Ø 7.2mm**	**Ø 8.0mm**	178mm
MH-001-055		**Ø 10.2mm**	**Ø 11.0mm**	134mm



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-036	Spine working sleeve, **dual window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm
MH-001-014		**Ø 6.5mm**	**Ø 7.5mm**	130mm
MH-001-016		**Ø 6.5mm**	**Ø 7.5mm**	178mm
MH-001-037		**Ø 7.2mm**	**Ø 8.0mm**	125mm
MH-001-015		**Ø 7.2mm**	**Ø 8.0mm**	130mm
MH-001-017		**Ø 7.2mm**	**Ø 8.0mm**	178mm

2.1 | VARIOUS INSTRUMENTS
WORKING SLEEVES





Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-044	Spine working sleeve, **lateral window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm
MH-001-018		**Ø 6.5mm**	**Ø 7.5mm**	130mm
MH-001-020		**Ø 6.5mm**	**Ø 7.5mm**	178mm
MH-001-045		**Ø 7.2mm**	**Ø 8.0mm**	125mm
MH-001-019		**Ø 7.2mm**	**Ø 8.0mm**	130mm
MH-001-021		**Ø 7.2mm**	**Ø 8.0mm**	178mm





Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-022	Spine working sleeve, **long window**	**Ø 6.5mm**	**Ø 7.5mm**	130mm
MH-001-024		**Ø 6.5mm**	**Ø 7.5mm**	178mm
MH-001-023		**Ø 7.2mm**	**Ø 8.0mm**	130mm
MH-001-025		**Ø 7.2mm**	**Ø 8.0mm**	178mm

STEMA

2.1 | VARIOUS INSTRUMENTS
WORKING SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-042	Spine working sleeve, **oblique window**	**Ø 6.5mm**	**Ø 7.5mm**	125mm
MH-001-026		**Ø 6.5mm**	**Ø 7.5mm**	130mm
MH-001-028		**Ø 6.5mm**	**Ø 7.5mm**	178mm
MH-001-043		**Ø 7.2mm**	**Ø 8.0mm**	125mm
MH-001-027		**Ø 7.2mm**	**Ø 8.0mm**	130mm
MH-001-029		**Ø 7.2mm**	**Ø 8.0mm**	178mm
MH-001-056		**Ø 8.5mm**	**Ø 9.5mm**	94mm
MH-001-057		**Ø 8.5mm**	**Ø 9.5mm**	100mm
MH-001-058		**Ø 10.2mm**	**Ø 11.2mm**	94mm
MH-001-051		**Ø 10.2mm**	**Ø 11.0mm**	95mm
MH-001-059		**Ø 10.2mm**	**Ø 11.2mm**	100mm
MH-001-052		**Ø 10.2mm**	**Ø 11.0mm**	120.5mm
MH-001-053		**Ø 10.2mm**	**Ø 11.0mm**	134mm
MH-001-054		**Ø 10.2mm**	**Ø 11.0mm**	178mm

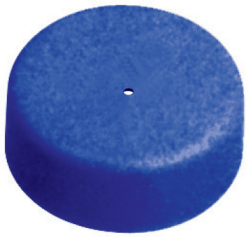
2.1 | VARIOUS INSTRUMENTS
WORKING SLEEVES



Ordering no.	Description	Inner Diameter	Outer Diameter	Working length
MH-001-050	Spine working sleeve, **elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	105mm
MH-001-040		**Ø 6.5mm**	**Ø 7.5mm**	125mm
MH-001-049		**Ø 6.5mm**	**Ø 7.5mm**	189mm
MH-001-047		**Ø 7.2mm**	**Ø 8.0mm**	105mm
MH-001-041		**Ø 7.2mm**	**Ø 8.0mm**	125mm
MH-001-033		**Ø 7.2mm**	**Ø 8.0mm**	178mm
MH-001-048		**Ø 7.2mm**	**Ø 8.0mm**	189mm
MH-001-046		**Ø 7.2mm**	**Ø 8.0mm**	204mm
MH-001-038	Spine working sleeve, **short elevator tip**	**Ø 6.5mm**	**Ø 7.5mm**	125mm
MH-001-039		**Ø 7.2mm**	**Ø 8.0mm**	125mm

STEMA

2.1 | VARIOUS INSTRUMENTS
ACCESSORIES FOR SPINE WORKING SLEEVES AND ENDOSCOPES



Ordering no.	Description
MJ-001-001	Sealing cap for SPINE endoscopes, **1 pieces**
MJ-020-002	Sealing cap for SPINE endoscopes, **10 pieces/pack**
MJ-020-001	Sealing cap for SPINE working sleeves, **10 pieces/pack**



Ordering no.	Description	Diameter
MB-010-001	Stopper, **adjustable**	**Ø 2.0-4.0mm**
MB-010-002		**Ø 5.2-7.1mm**
MB-010-003		**Ø 7.5-10.0mm**

2.1 | VARIOUS INSTRUMENTS
CLEANING AND MAINTENANCE



Ordering no.	Description
EJ-030-010	Cleaning pistol complete inclusive **8 different tips**



Ordering no.	Description	Diameter
EJ-030-001	Cleaning brush, **length 420mm**	**Ø 3.0mm**
EJ-030-002	Cleaning brush, **length 330mm**	**Ø 5.0mm**
EJ-030-003		**Ø 10.0mm**



Ordering no.	Description
EJ-030-031	Special grease for stopcocks, valves and instruments, **tube with 3 grams**

3. FORCEPS

3.1 | ADVANCED FORCEPS WITH LUER-LOCK

3.2 | FORCEPS WITH LUER-LOCK

3.3 | POWERLINE FORCEPS

3. FORCEPS













STEMA

3.1 | ADVANCED FORCEPS WITH LUER-LOCK
SCISSORS & PUNCHES



	Description	Diameter	Working length	Ordering No.
	Hook scissors	**Ø 2.5mm**	260mm	**MD-002-002**
		Ø 2.5mm	330mm	**MD-002-001**
		Ø 3.5mm	260mm	**MD-002-005**
		Ø 3.5mm	330mm	**MD-002-003**
	Scissors punch	**Ø 2.5mm**	260mm	**MD-002-014**
		Ø 2.5mm	330mm	**MD-002-010**
		Ø 3.0mm	260mm	**MD-002-017**
		Ø 3.0mm	330mm	**MD-002-022**
		Ø 3.5mm	260mm	**MD-002-016**
		Ø 3.5mm	330mm	**MD-002-011**
	DUCKLING basket punch	**Ø 2.5mm**	260mm	**MD-001-078**
		Ø 2.5mm	330mm	**MD-001-077**
		Ø 3.5mm	260mm	**MD-001-076**
		Ø 3.5mm	330mm	**MD-001-075**

3.1 | ADVANCED FORCEPS WITH LUER-LOCK
BIOPSY GRASPING FORCEPS



	Description	Diameter	Working length	Ordering No.
	Biopsy grasping forceps	**Ø 2.0mm**	260mm	**MD-001-011**
		Ø 2.0mm	330mm	**MD-001-021**
		Ø 2.5mm	260mm	**MD-001-013**
		Ø 2.5mm	330mm	**MD-001-001**
		Ø 3.0mm	260mm	**MD-001-016**
		Ø 3.0mm	330mm	**MD-001-003**
		Ø 3.5mm	260mm	**MD-001-014**
		Ø 3.5mm	330mm	**MD-001-004**
		Ø 4.0mm	260mm	**MD-001-015**
		Ø 4.0mm	330mm	**MD-001-005**
		Ø 4.5mm	260mm	**MD-001-018**
	Biopsy grasping forceps, atraumatic spoon	**Ø 2.0mm**	330mm	**MD-001-062**
		Ø 2.5mm	330mm	**MD-001-054**
		Ø 3.5mm	260mm	**MD-001-065**
		Ø 3.5mm	330mm	**MD-001-063**
		Ø 4.0mm	330mm	**MD-001-064**
	BLAKESLY biopsy grasping forceps	**Ø 2.5mm**	260mm	**MD-001-108**
		Ø 2.5mm	330mm	**MD-001-106**
		Ø 3.5mm	260mm	**MD-001-109**
		Ø 3.5mm	330mm	**MD-001-107**

3.1 | ADVANCED FORCEPS WITH LUER-LOCK
MICRO BIOPSY GRASPING FORCEPS



	Description	Diameter	Working length	Ordering No.
	Micro biopsy grasping forceps	**Ø 2.0mm**	330mm	**MD-001-025**
		Ø 2.5mm	260mm	**MD-001-029**
		Ø 2.5mm	330mm	**MD-001-026**
		Ø 3.5mm	260mm	**MD-001-030**
		Ø 3.5mm	330mm	**MD-001-027**
		Ø 4.0mm	260mm	**MD-001-031**
		Ø 4.0mm	330mm	**MD-001-028**
	Micro biopsy grasping forceps, **jaw upward**	**Ø 2.0mm**	260mm	**MD-001-035**
		Ø 2.0mm	330mm	**MD-001-032**
		Ø 2.5mm	260mm	**MD-001-034**
		Ø 2.5mm	330mm	**MD-001-033**

STEMA

3.2 | FORCEPS WITH LUER-LOCK
SCISSORS & PUNCHES



	Description	Diameter	Working length	Ordering No.
	Hook scissors	**Ø 2.0mm**	260mm	**MD-002-004**
	Scissors punch	**Ø 2.0mm**	260mm	**MD-002-013**
	Scissors punch, jaw upward **15°**	**Ø 2.5mm**	260mm	**MD-002-015**
		Ø 2.5mm	330mm	**MD-002-012**
	Scissors punch, jaw upward **25°**	**Ø 2.5mm**	260mm	**MD-002-018**
		Ø 2.5mm	330mm	**MD-002-019**
	Scissors punch, jaw upward **45°**	**Ø 2.5mm**	260mm	**MD-002-020**
		Ø 2.5mm	330mm	**MD-002-021**
	Hook punch	**Ø 2.0mm**	260mm	**MD-001-115**
		Ø 2.5mm	260mm	**MD-001-112**
		Ø 2.5mm	330mm	**MD-001-110**
		Ø 3.5mm	260mm	**MD-001-113**
		Ø 3.5mm	330mm	**MD-001-111**

3.2 | FORCEPS WITH LUER-LOCK
BIOPSY GRASPING FORCEPS



	Description	Diameter	Working length	Ordering No.
	Biopsy grasping forceps, double action	**Ø 2.0mm**	260mm	**MD-001-012**
	Biopsy grasping forceps, **jaw upward**	**Ø 2.5mm**	330mm	**MD-001-002**
	Biopsy grasping forceps, **teethed spoon**	**Ø 2.0mm**	330mm	**MD-001-050**
		Ø 2.5mm	260mm	**MD-001-047**
		Ø 2.5mm	330mm	**MD-001-051**
		Ø 3.5mm	260mm	**MD-001-048**
		Ø 3.5mm	330mm	**MD-001-052**
		Ø 4.0mm	260mm	**MD-001-049**
		Ø 4.0mm	330mm	**MD-001-053**

STEMA

3.2 | FORCEPS WITH LUER-LOCK
BIOPSY GRASPING FORCEPS

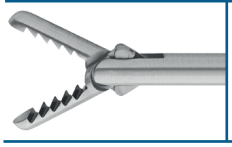


	Description	Diameter	Working length	Ordering No.
	Biopsy grasping forceps, teethed, **sharp spoon**	**Ø 2.0mm**	260mm	MD-001-080
		Ø 2.0mm	330mm	MD-001-085
		Ø 2.5mm	260mm	MD-001-081
		Ø 2.5mm	330mm	MD-001-086
		Ø 3.0mm	260mm	MD-001-082
		Ø 3.0mm	330mm	MD-001-087
		Ø 3.5mm	260mm	MD-001-083
		Ø 3.5mm	330mm	MD-001-088
		Ø 4.0mm	260mm	MD-001-084
		Ø 4.0mm	330mm	MD-001-089
	Biopsy grasping forceps, **jaw upward**	**Ø 2.5mm**	330mm	MD-001-096
	**WAVE** grasping forceps	**Ø 3.5mm**	330mm	MD-001-060
	Grasping & Biopsy grasping forceps, **teethed spoon**	**Ø 2.0mm**	330mm	MD-001-067
		Ø 2.5mm	330mm	MD-001-068
		Ø 3.5mm	330mm	MD-001-069
		Ø 4.0mm	330mm	MD-001-061

STEMA

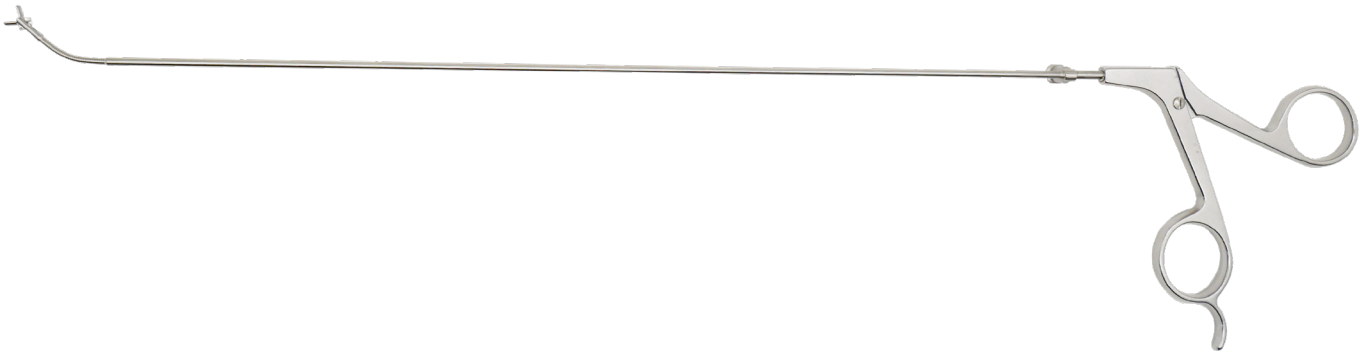
3.2 | FORCEPS WITH LUER-LOCK
ALLIGATOR GRASPING FORCEPS | RIGID

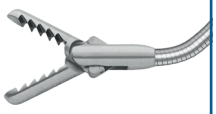
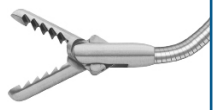


	Description	Diameter	Working length	Ordering No.
	Alligator grasping forceps	**Ø 2.0mm**	260mm	**MD-001-058**
		Ø 2.0mm	330mm	**MD-001-056**
		Ø 3.5mm	330mm	**MD-001-057**
	Alligator grasping forceps, **jaw upward**	**Ø 2.5mm**	330mm	**MD-001-059**
	Alligator grasping forceps, **jaw opening left**	**Ø 2.0mm**	330mm	**MD-001-070**
	Alligator grasping forceps, **jaw opening right**	**Ø 2.0mm**	330mm	**MD-001-071**
	Alligator grasping forceps, **double action**	**Ø 2.0mm**	260mm	**MD-001-072**

STEMA

3.2 | FORCEPS WITH LUER-LOCK
ALLIGATOR GRASPING FORCEPS | SEMI-RIGID



	Description	Diameter	Working length	Ordering No.
	Alligator grasping forceps, **double action, semi-rigid**	**Ø 2.5mm**	260mm	**MD-001-102**
		Ø 2.5mm	330mm	**MD-001-100**
		Ø 3.0mm	260mm	**MD-001-103**
		Ø 3.0mm	330mm	**MD-001-101**
	Alligator grasping forceps, **semi-rigid, jaw opening upward**	**Ø 2.5mm**	260mm	**MD-001-104**
	Alligator grasping forceps, **semi-rigid, jaw opening downward**	**Ø 2.5mm**	260mm	**MD-001-105**
	Alligator grasping forceps, double action, **flexible, jaw opening vertical**	**Ø 2.5mm**	330mm	**MD-001-116**
	Grasping and biopsy forceps, teethed spoon, **downwards opening**	**Ø 2.5mm**	330mm	**MD-001-097**
	Grasping and biopsy forceps, teethed spoon, **upwards opening**	**Ø 2.5mm**	330mm	**MD-001-098**
	Grasping and biopsy forceps, **double action, semi-rigid**	**Ø 2.2mm**	330mm	**MD-001-099**
	Toothed biopsy grasping forceps, **sharp, single action, flexible tip**	**Ø 2.5mm**	330mm	**MD-001-117**
		Ø 3.0mm	260mm	**MD-001-118**
		Ø 3.0mm	330mm	**MD-001-119**

3.3 | POWERLINE FORCEPS
POWERLINE BIOPSY FORCEPS



	Description	Diameter	Working length	Ordering No.
	POWERLINE biopsy forceps	**Ø 2.8mm**	260mm	**MD-001-120**
		Ø 2.8mm	330mm	**MD-001-121**
		Ø 3.0mm	260mm	**MD-001-122**
		Ø 3.0mm	330mm	**MD-001-123**
		Ø 3.5mm	330mm	**MD-001-124**
		Ø 4.0mm	330mm	**MD-001-125**
	POWERLINE biopsy forceps **for working channel 4.3mm, jaw upward**	**Ø 2.8mm**	330mm	**MD-001-130**
		Ø 2.8mm	330mm	**MD-001-131**
	POWERLINE hook punch	**Ø 3.5mm**	330mm	**MD-001-126**
		Ø 4.0mm	330mm	**MD-001-127**
	POWERLINE hook punch, **jaw upward**	**Ø 3.5mm**	260mm	**MD-001-128**
		Ø 3.5mm	330mm	**MD-001-129**

4. RONGEURS

4.1 | KERRISON RONGEURS DETACHABLE

4.2 | KERRISON RONGEURS BLACK COATED DETACHABLE

4. RONGEURS

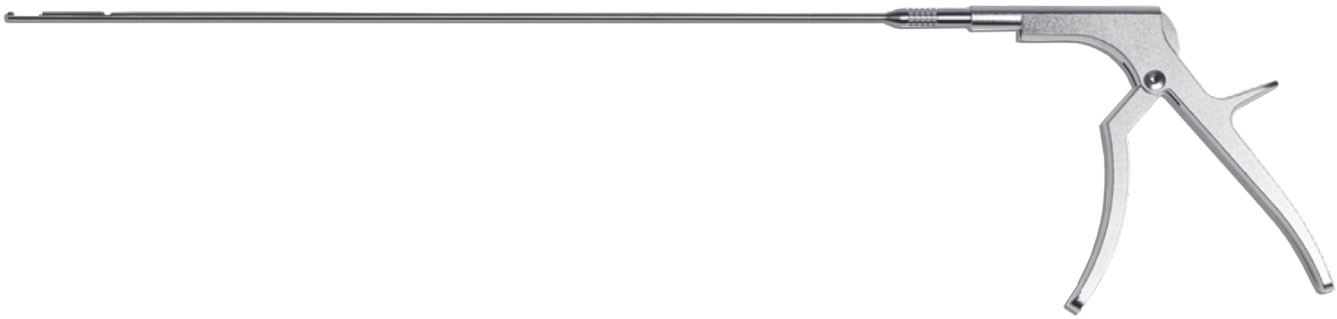
1 KERRISON RONGEURS DETACHABLE



2 KERRISON RONGEURS BLACK COATED DETACHABLE



4.1 | RONGEURS
KERRISON RONGEURS DETACHABLE | 40°



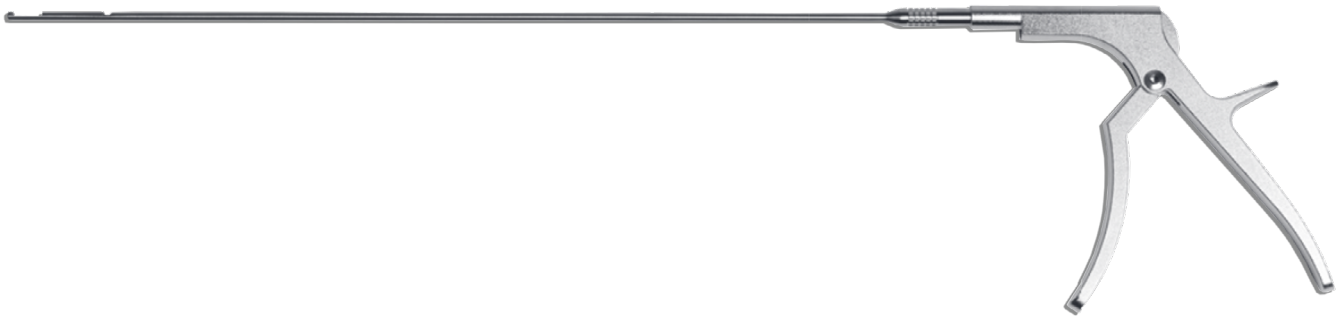
Ordering no.	Description
MD-003-019	Handle for **KERRISON rongeurs**





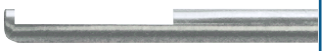
Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, **upwards cutting 40°**	**Ø 3.0mm**	200mm	MD-003-007-T	MD-003-046
	Ø 3.0mm	260mm	MD-003-008-T	MD-003-047
	Ø 3.0mm	300mm	MD-003-006-T	MD-003-045
	Ø 3.0mm	360mm	MD-003-005-T	MD-003-044
	Ø 3.5mm	200mm	MD-003-052-T	MD-003-032
	Ø 3.5mm	260mm	MD-003-041-T	MD-003-021
	Ø 3.5mm	300mm	MD-003-056-T	MD-003-036
	Ø 3.5mm	360mm	MD-003-044-T	MD-003-024
	Ø 4.0mm	200mm	MD-003-053-T	MD-003-033
	Ø 4.0mm	260mm	MD-003-042-T	MD-003-022
	Ø 4.0mm	300mm	MD-003-058-T	MD-003-038
	Ø 4.0mm	360mm	MD-003-045-T	MD-003-025
	Ø 5.0mm	260mm	MD-003-009-T	MD-003-048
	Ø 6.0mm	260mm	MD-003-010-T	MD-003-049

4.1 | RONGEURS
KERRISON RONGEURS DETACHABLE | 90°



Ordering no.	Description
MD-003-019	Handle for **KERRISON rongeurs**





Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, **upwards cutting 90°**	**Ø 3.0mm**	200mm	MD-003-015-T	MD-003-054
	Ø 3.0mm	260mm	MD-003-016-T	MD-003-055
	Ø 3.0mm	300mm	MD-003-017-T	MD-003-056
	Ø 3.0mm	360mm	MD-003-018-T	MD-003-057
	Ø 3.5mm	200mm	MD-003-054-T	MD-003-034
	Ø 3.5mm	260mm	MD-003-047-T	MD-003-027
	Ø 3.5mm	300mm	MD-003-057-T	MD-003-037
	Ø 3.5mm	360mm	MD-003-050-T	MD-003-030
	Ø 4.0mm	200mm	MD-003-055-T	MD-003-035
	Ø 4.0mm	260mm	MD-003-048-T	MD-003-028
	Ø 4.0mm	300mm	MD-003-059-T	MD-003-039
	Ø 4.0mm	360mm	MD-003-051-T	MD-003-031
	Ø 5.0mm	260mm	MD-003-019-T	MD-003-058
	Ø 6.0mm	260mm	MD-003-020-T	MD-003-059

4.2 | RONGEURS
KERRISON RONGEURS DETACHABLE | BLACK COATED | 40°



Ordering no.	Description
MD-003-019-AC	Handle for **KERRISON rongeurs**





Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, **upwards cutting 40°**	**Ø 3.0mm**	200mm	MD-003-007-TC	MD-003-046-C
	Ø 3.0mm	260mm	MD-003-008-TC	MD-003-047-C
	Ø 3.0mm	300mm	MD-003-006-TC	MD-003-045-C
	Ø 3.0mm	360mm	MD-003-005-TC	MD-003-044-C
	Ø 3.5mm	200mm	MD-003-052-TC	MD-003-032-C
	Ø 3.5mm	260mm	MD-003-041-TC	MD-003-021-C
	Ø 3.5mm	300mm	MD-003-056-TC	MD-003-036-C
	Ø 3.5mm	360mm	MD-003-044-TC	MD-003-024-C
	Ø 4.0mm	200mm	MD-003-053-TC	MD-003-033-C
	Ø 4.0mm	260mm	MD-003-042-TC	MD-003-022-C
	Ø 4.0mm	300mm	MD-003-058-TC	MD-003-038-C
	Ø 4.0mm	360mm	MD-003-045-TC	MD-003-025-C
	Ø 5.0mm	260mm	MD-003-009-TC	MD-003-048-C
	Ø 6.0mm	260mm	MD-003-010-TC	MD-003-049-C

4.2 | RONGEURS
KERRISON RONGEURS DETACHABLE | BLACK COATED | 90°



Ordering no.	Description
MD-003-019-AC	Handle for **KERRISON rongeurs**





Description	Width of bite	Working length	Insert only	Instrument complete
KERRISON rongeur, **upwards cutting 90°**	**Ø 3.0mm**	200mm	MD-003-015-TC	MD-003-054-C
	Ø 3.0mm	260mm	MD-003-016-TC	MD-003-055-C
	Ø 3.0mm	300mm	MD-003-017-TC	MD-003-056-C
	Ø 3.0mm	360mm	MD-003-018-TC	MD-003-057-C
	Ø 3.5mm	200mm	MD-003-054-TC	MD-003-034-C
	Ø 3.5mm	260mm	MD-003-047-TC	MD-003-027-C
	Ø 3.5mm	300mm	MD-003-057-TC	MD-003-037-C
	Ø 3.5mm	360mm	MD-003-050-TC	MD-003-030-C
	Ø 4.0mm	200mm	MD-003-055-TC	MD-003-035-C
	Ø 4.0mm	260mm	MD-003-048-TC	MD-003-028-C
	Ø 4.0mm	300mm	MD-003-059-TC	MD-003-039-C
	Ø 4.0mm	360mm	MD-003-051-TC	MD-003-031-C
	Ø 5.0mm	260mm	MD-003-019-TC	MD-003-058-C
	Ø 6.0mm	260mm	MD-003-020-TC	MD-003-059-C

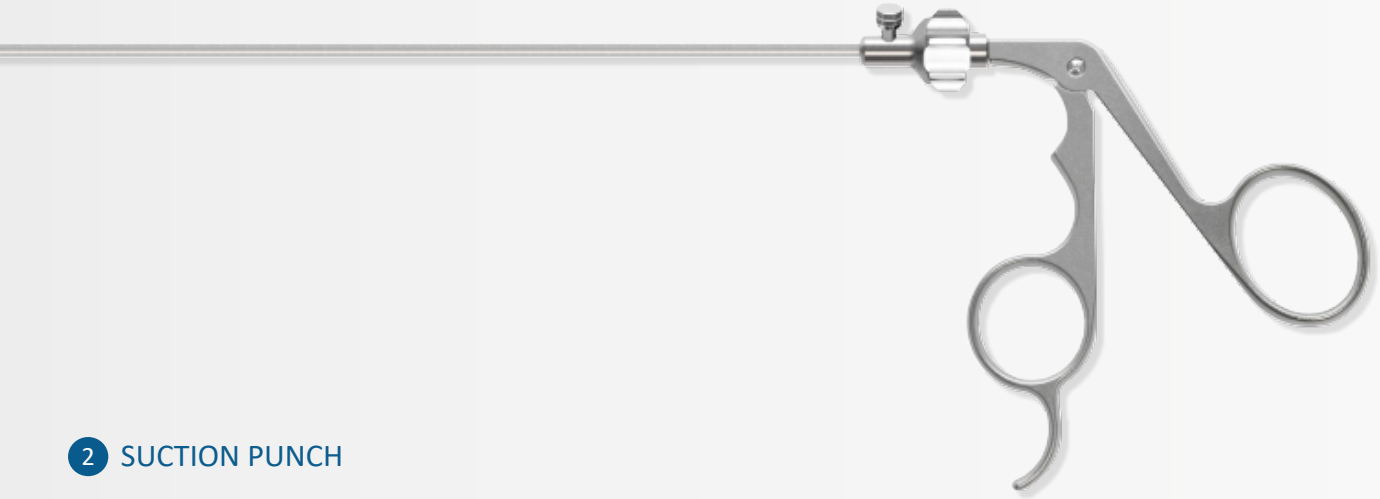
5. PUNCHES

5.2 | ENDO-KERRISON PUNCHES & SUCTION PUNCHES

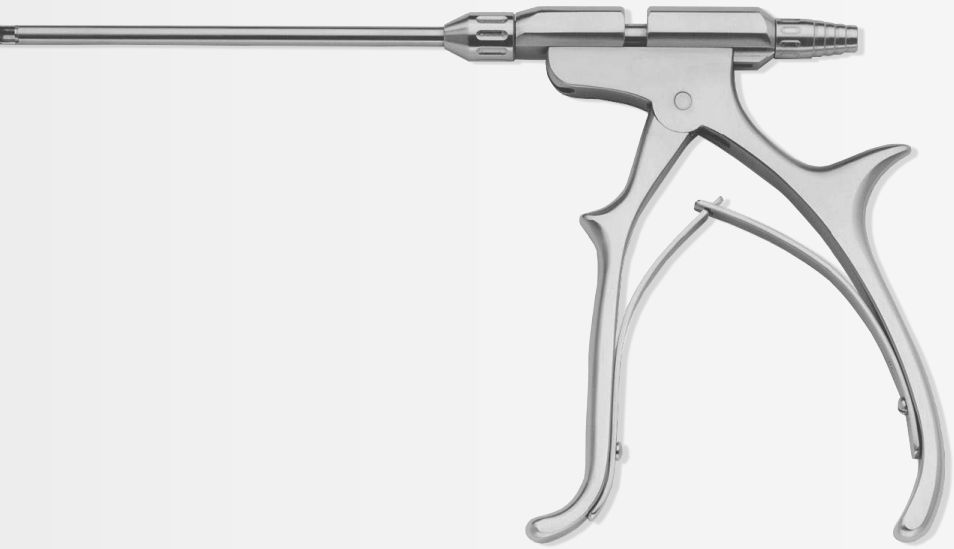
5.3 | PUNCHES 90° & CURETTES

5. PUNCHES

1 ENDO-KERRISON PUNCH



2 SUCTION PUNCH

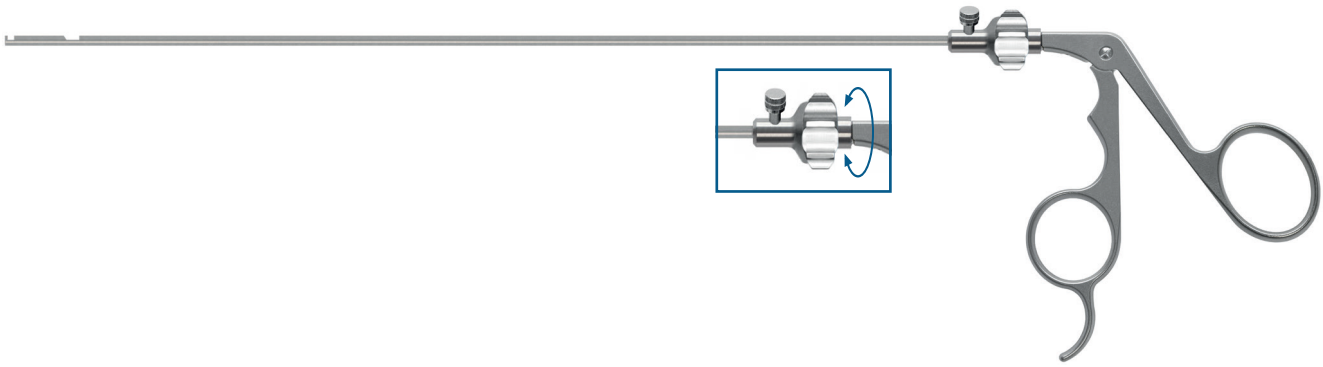


3 PUNCH 90°

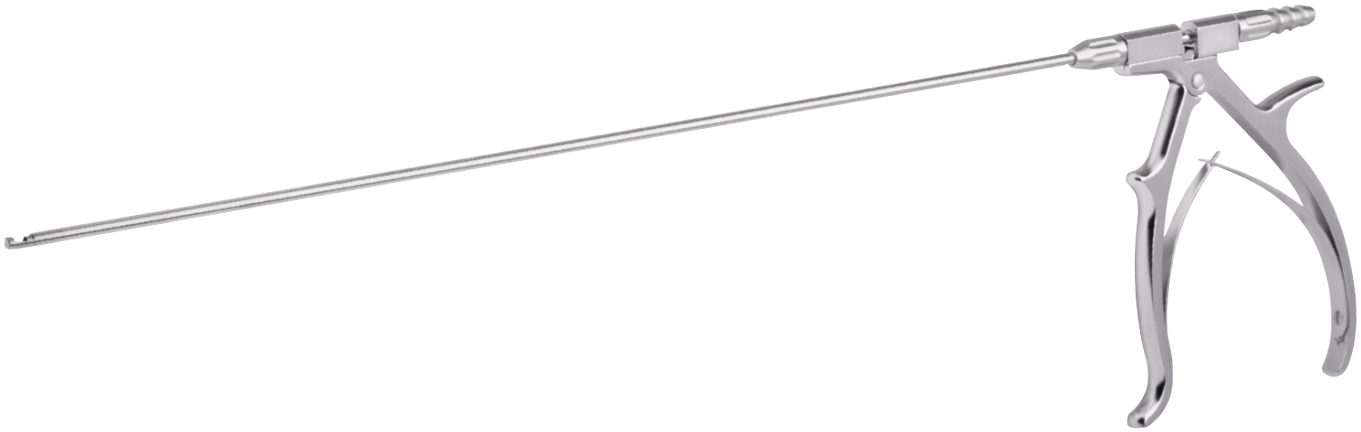


STEMA

5.1 | PUNCHES
ENDO-KERRISON PUNCHES ROTATABLE | SUCTION PUNCHES ROTATABLE



	Description	Diameter	Working length	Ordering No.
	ENDO-KERRISON punch, rotatable, **upwards cutting 40°**	**Ø 2.0mm**	260mm	**MD-003-000**
		Ø 3.0mm	330mm	**MD-003-006**
		Ø 3.5mm	330mm	**MD-003-001**
		Ø 4.0mm	330mm	**MD-003-002**
	ENDO-KERRISON punch, rotatable, **upwards cutting 90°**	**Ø 3.0mm**	330mm	**MD-003-007**
		Ø 3.5mm	330mm	**MD-003-004**
		Ø 4.0mm	330mm	**MD-003-005**



Ordering no.	Description
MD-004-001	SPINE suction punch, rotatable, **detachable, Ø 3.5mm,** working length 330mm
MD-004-002	SPINE suction punch, rotatable, **detachable, Ø 5.0mm,** working length 330mm

5.2 | PUNCHES
PUNCHES 90° | CURETTES





Description	Width of bite	Working length	Ordering No.
Punch 90°	**Ø 3.5mm**	330mm	MD-003-011
	Ø 4.0mm	330mm	MD-003-012





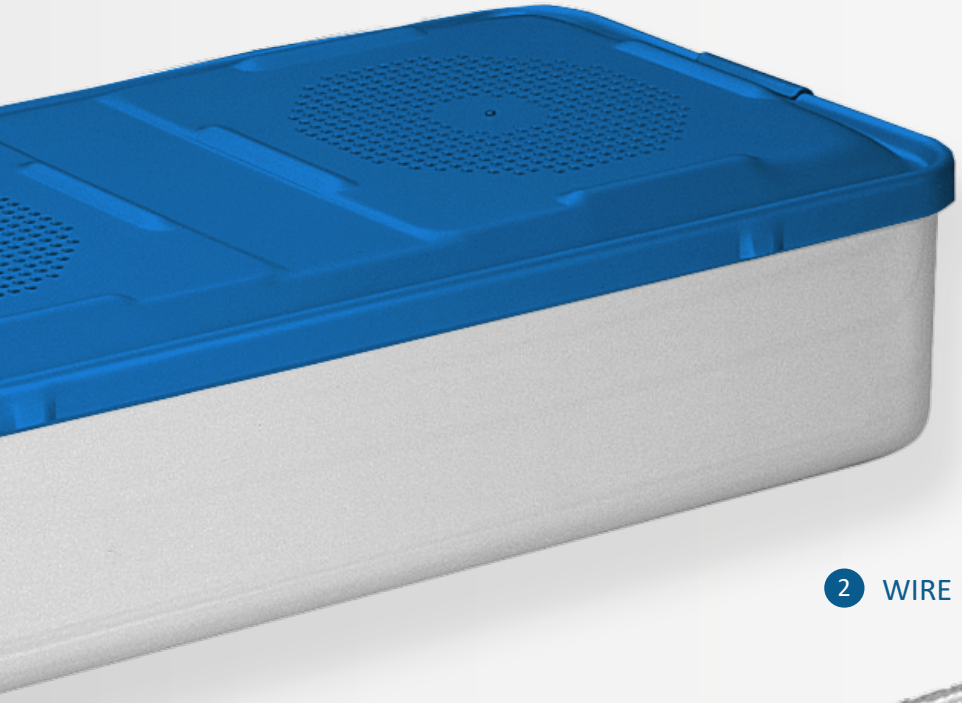
Description	Diameter	Working length	Ordering No.
Curette, **spoon bendable**	**Ø 2.0mm**	260mm	MD-003-015
	Ø 3.5mm	330mm	MD-003-016
	Ø 4.0mm	330mm	MD-003-017
	Ø 5.0mm	330mm	MD-003-018

6. STERILIZATION

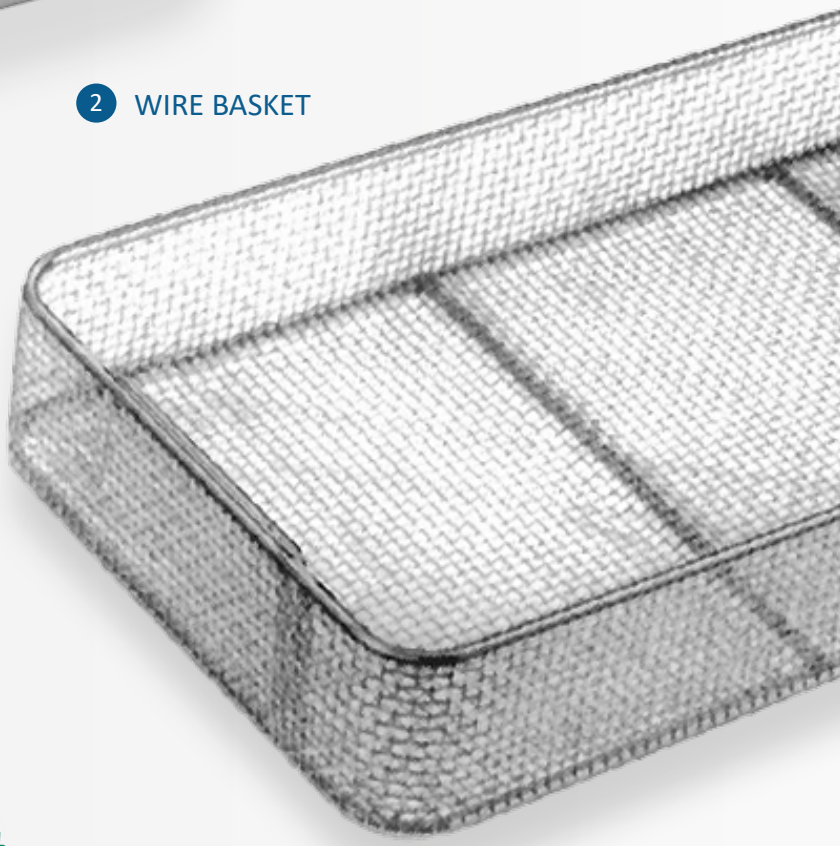
6.1 | CONTAINER, WIRE BASKET & SILICONE MAT

6. STERILIZATION

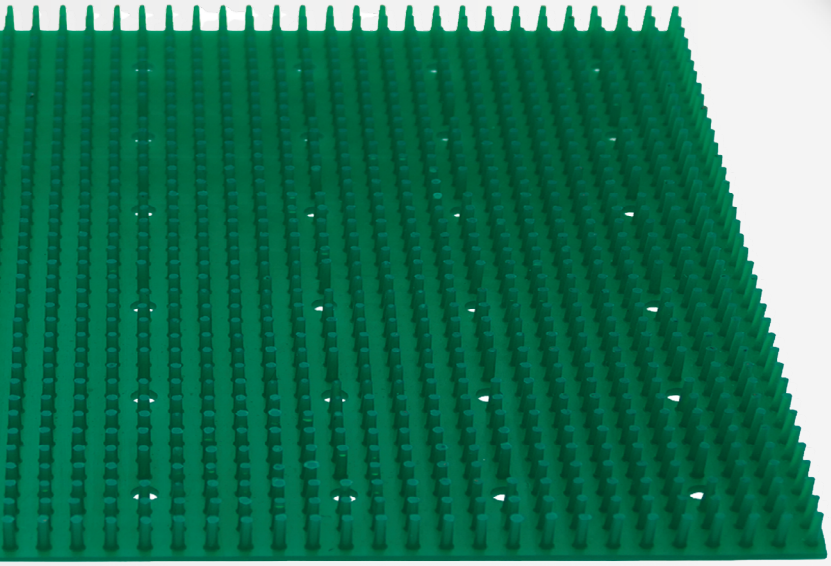
1 CONTAINER



2 WIRE BASKET

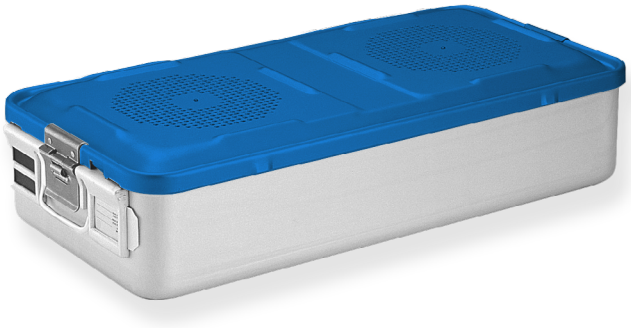


3 SILICONE MAT



STEMA

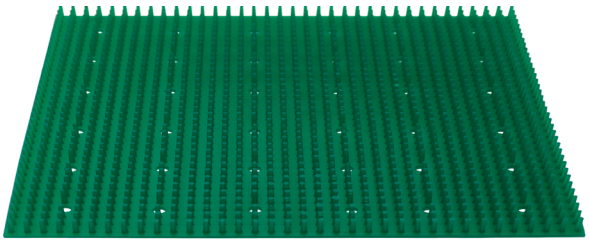
6.1 | STERILIZATION
CONTAINER | WIRE BASKET | SILICONE MAT



Ordering no.	Description
FA-110-150-B	Standard container, lid perforated / bottom non perforated, **580x280x150mm**, blue



Ordering No	Description
FA-191-050	Wire basket, **540x255x50mm**
FA-191-070	Wire basket, **540x255x70mm**



Ordering no.	Description
FA-910-004	Silicone mat, **520x230mm**

7. SETS

7.1 | TRANSFORAMINAL SET

7.2 | INTERLAMINAR SET

7.3 | SPINAL STENOSIS SET

7.1. TRANSFORAMINAL SET
MA-999-000

1 **HD SPINE ENDOSCOPE**
direction of view 30°, outer diameter 6.3mm, working channel Ø 3.75mm, 2 x irrigation channel Ø 1.5mm, opening angle 80°, view 45° angled, WL 181mm

1 MA-002-003



2 **SPINE WORKING SLEEVE**
standard, inner Ø 6.5mm, outer Ø 7.5mm, WL 178mm

2 MH-001-012



3 **CERVICAL DILATATION SLEEVE**
straight, inner Ø 3.8mm, outer Ø 4.1mm, WL 100mm

3 MH-002-020



4 **DILATATOR WL 230MM**
inner Ø 1.0mm, outer Ø 2.5mm
inner Ø 1.5mm, outer Ø 4.0mm
inner Ø 2.0mm, outer Ø 5.0mm

5 **DILATATOR CONICAL WL 230MM**
inner Ø 1.0mm, outer Ø 2.5mm
inner Ø 1.5mm, outer Ø 4.0mm
inner Ø 2.0mm, outer Ø 5.0mm

4 MH-002-030
MH-002-031
MH-002-032



5 MH-002-033
MH-002-034
MH-002-035

6 **2 x DILATATOR CURVED WL 230MM**
inner Ø 1.0mm, outer Ø 2.5mm

6 MH-002-036



7 **DILATATOR CONICAL**
inner Ø 1.0mm, outer Ø 2.5mm, WL 230mm
inner Ø 4.2mm, outer Ø 5.1mm, WL 170mm
inner Ø 5.2mm, outer Ø 6.0mm, WL 160mm

7 MH-002-037
MH-002-038
MH-002-039



8 **PROBE**
Ø 2.5mm, WL 310mm

8 MD-004-010



9 **HOOK PROBE**
Ø 2.5mm, WL 310mm

9 MD-004-011



10 **DISSECTION PALPATION PROBE**
Ø 2.5mm, WL 350mm

10 MD-004-015



7.1. TRANSFORAMINAL SET
MA-999-000

11 BIOPSY GRASPING FORCEPS
Ø 2.5mm, WL 330mm
Ø 3.5mm, WL 330mm
Ø 4.0mm, WL 330mm

12 MICRO BIOPSY GRASPING FORCEPS
jaw upward, Ø 2.5mm, WL 330mm

13 BIOPSY GRASPING FORCEPS
teethed, sharp spoon, Ø 3.5mm, WL 330mm

14 ALLIGATOR GRASPING FORCEPS
double action, semi-rigid, Ø 2.5mm, WL 330mm

15 KERRISON RONGEURS, WL 360MM
upwards cutting 40°, width of bite Ø 2.0mm

16 KERRISON RONGEURS, WL 360MM
upwards cutting 90°, width of bite Ø 2.0mm

17 STEMA GUIDING ROD FORCEPS
18cm

18 METAL HAMMER
Ø 30mm, WL 240mm

19 STEEL RULER
30cm

20 STOPPER ADJUSTABLE
Ø 2.5mm
Ø 3.5mm

21 STANDARD CONTAINER
580 x 280 x 150mm, lid perforated, bottom non perforated, blue

22 2 x WIRE BASKET
540 x 255 x 70mm

23 2 x SILICONE MAT
520 x 230mm



11 MD-001-001
MD-001-004
MD-001-005

12 MD-001-033



13 MD-001-088



14 MD-001-100





15 MD-003-023

16 MD-003-029



17 MB-001-003



18 MD-010-001



19 MD-010-002



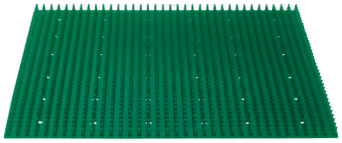
20 MB-010-001
MB-010-002



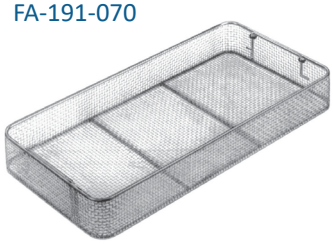
21 FA-110-150-B



23 FA-910-004



22 FA-191-070



7.1. TRANSFORAMINAL SET XL
MA-999-001

1 **HD SPINE ENDOSCOPE**
direction of view 30°, outer diameter 6.3mm, working channel Ø 3.75mm, 2 x irrigation channel Ø 1.5mm, opening angle 80°, view 45° angled, WL 208mm

2 **SPINE WORKING SLEEVE**
standard, inner Ø 6.5mm, outer Ø 7.5mm, WL 178mm
standard, inner Ø 7.2mm, outer Ø 8.0mm, WL 178mm

3 **SPINE WORKING SLEEVE**
lateral window, inner Ø 6.5mm, outer Ø 7.5mm, WL 178mm

4 **DILATATOR WL 230MM**
inner Ø 1.0mm, outer Ø 2.5mm
inner Ø 1.5mm, outer Ø 4.0mm
inner Ø 2.0mm, outer Ø 5.0mm

5 **DILATATOR CONICAL WL 230MM**
inner Ø 1.0mm, outer Ø 2.5mm
inner Ø 1.5mm, outer Ø 4.0mm
inner Ø 2.0mm, outer Ø 5.0mm

6 **2 x DILATATOR CURVED WL 230MM**
inner Ø 1.0mm, outer Ø 2.5mm

7 **DILATATOR CONICAL**
inner Ø 1.0mm, outer Ø 2.5mm, WL 230mm

8 **DILATATOR 2-CHANNEL**
Ø 6.3mm, WL 225mm

9 **PROBE**
Ø 2.5mm, WL 310mm

10 **HOOK PROBE**
Ø 2.5mm, WL 310mm

11 **TROCAR**
Ø 3.0mm, WL 310mm

1 MA-002-005



2 MH-001-011
MH-001-012



3 MH-001-020



4 MH-002-030
MH-002-031
MH-002-032



5 MH-002-033
MH-002-034
MH-002-035

6 MH-002-036



7 MH-002-037



8 MD-004-010



9 MD-004-010



10 MD-004-011



11 MD-004-014



7.1. TRANSFORAMINAL SET XL
MA-999-001

12 **BIOPSY GRASPING FORCEPS**
Ø 2.5mm, WL 330mm
Ø 3.5mm, WL 330mm
Ø 4.0mm, WL 330mm

13 **MICRO BIOPSY GRASPING FORCEPS**
jaw upward, Ø 2.5mm, WL 330mm

14 **BIOPSY GRASPING FORCEPS**
teethed, sharp spoon, Ø 3.5mm, WL 330mm

15 **ALLIGATOR GRASPING FORCEPS**
double action, semi-rigid, Ø 2.5mm, WL 330mm

16 **KERRISON RONGEURS, WL 360MM**
upwards cutting 40°, width of bite Ø 2.0mm

17 **KERRISON RONGEURS, WL 360MM**
upwards cutting 90°, width of bite Ø 2.0mm

18 **STEMA GUIDING ROD FORCEPS**
18cm

19 **METAL HAMMER**
Ø 30mm, WL 240mm

20 **STEEL RULER**
30cm

21 **STOPPER ADJUSTABLE**
Ø 2.5mm
Ø 3.5mm
Ø 4.0mm

22 **STANDARD CONTAINER**
580 x 280 x 150mm, lid perforated, bottom non perforated, blue

23 **WIRE BASKET**
540 x 255 x 50mm
540 x 255 x 70mm

24 **2 x SILICONE MAT**
520 x 230mm



11 MD-001-001
MD-001-004
MD-001-005

12 MD-001-033



13 MD-001-088



14 MD-001-100





15 MD-003-023

16 MD-003-029



17 MB-001-003



18 MD-010-001



19 MD-010-002



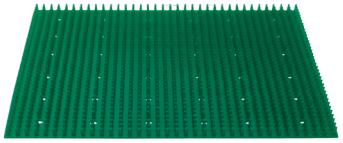
20 MB-010-001
MB-010-002



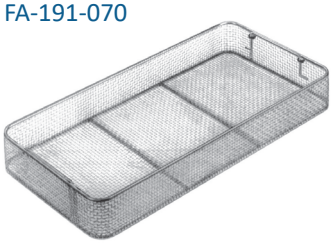
21 FA-110-150-B



23 FA-910-004



22 FA-191-070



7.2. INTERLAMINAR SET
MA-999-002

1 **HD SPINE ENDOSCOPE**
direction of view 30°, outer diameter 6.3mm, working channel Ø 3.75mm, 2 x irrigation channel Ø 1.5mm, opening angle 80°, view 45° angled, WL 181mm

2 **SPINE WORKING SLEEVES**
straight, inner Ø 6.5mm, outer Ø 7.5mm, WL 178mm

dual window, inner Ø 6.5mm, outer Ø 7.5mm, WL 130mm
dual window, inner Ø 6.5mm, outer Ø 7.5mm, WL 178mm

lateral window, inner Ø 6.5mm, outer Ø 7.5mm, WL 178mm

oblique window, inner Ø 6.5mm, outer Ø 7.5mm, WL 178mm

3 **DILATATOR 2-CHANNEL**
Ø 6.3mm, WL 225mm

4 **DILATATOR CONICAL**
inner Ø 1.0mm, outer Ø 2.5mm, WL 230mm
inner Ø 1.5mm, outer Ø 4.0mm, WL 230mm
inner Ø 2.0mm, outer Ø 5.0mm, WL 230mm

5 **DILATATOR CONICAL**
inner Ø 1.0mm, outer Ø 2.5mm, WL 230mm
inner Ø 4.2mm, outer Ø 5.1mm, WL 170mm
inner Ø 5.2mm, outer Ø 6.0mm, WL 160mm

6 **CHISEL**
Ø 3.0mm, WL 310mm

7 **TROCAR**
Ø 3.0mm, WL 310mm

1 MA-002-003



2 MH-001-012



MH-001-014
MH-001-016



MH-001-020



MH-001-028



3 MH-002-012



4 MH-002-033
MH-002-034
MH-002-035

5 MH-002-037
MH-002-038
MH-002-039



6 MD-004-013



7 MD-004-014



7.2. INTERLAMINAR SET
MA-999-002

8 **ENDO-KERRISON PUNCH, WL 330MM**
upwards cutting 40°, width of bite Ø 3.5mm

9 **ENDO-KERRISON PUNCH, WL 330MM**
upwards cutting 90°, width of bite Ø 3.5mm

10 **HOOK PUNCH**
Ø 2.5mm, WL 330mm

11 **BLAKESLEY GRASPING FORCEPS**
Ø 3.5mm, WL 330mm

12 **MICRO BIOPSY GRASPING FORCEPS**
jaw upward, Ø 2.0mm, WL 330mm

13 **BIOPSY GRASPING FORCEPS**
teethed, sharp spoon, Ø 2.0mm, WL 260mm

14 **HOOK SCISSORS**
Ø 2.5mm, WL 260mm

15 **ALLIGATOR GRASPING FORCEPS**
double action, semi-rigid, Ø 2.5mm, WL 330mm

16 **KERRISON RONGEUR, WL 360mm**
upwards cutting 40°, width of bite 2.0mm

17 **KERRISON RONGEUR, WL 360mm**
upwards cutting 90°, width of bite 2.0mm

18 **DISSECTION PALPATION PROBE**
Ø 2.5mm, WL 350mm

19 **STANDARD CONTAINER**
580 x 280 x 150mm, lid perforated,
bottom non perforated, blue

20 **WIRE BASKET**
540 x 255 x 70mm

21 **SILICONE MAT**
520 x 230mm



8 MD-003-001

9 MD-003-004



10 MD-001-110

11 MD-001-107

12 MD-001-032

13 MD-001-080

14 MD-002-002

15 MD-001-100



16 MD-003-023

17 MD-003-029

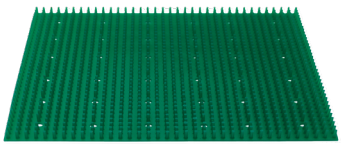


18 MD-004-015

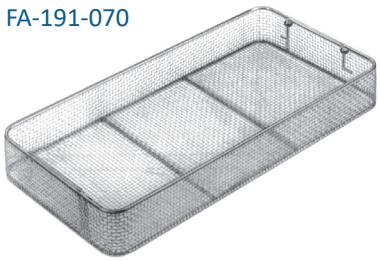


19 FA-110-150-B

21 FA-910-004



20 FA-191-070



7.2 INTERLAMINAR SET SHORT
MA-999-003

1 **HD SPINE ENDOSCOPE**
direction of view 30°, outer diameter 6.3mm, working channel Ø 3.75mm, 2 x irrigation channel Ø 1.5mm, opening angle 80°, view 45° angled, WL 181mm

2 **SPINE WORKING SLEEVES**
straight, inner Ø 6.5mm, outer Ø 7.5mm, WL 125mm

dual window, inner Ø 6.5mm, outer Ø 7.5mm, WL 125mm

lateral window, inner Ø 6.5mm, outer Ø 7.5mm, WL 125mm

oblique window, inner Ø 6.5mm, outer Ø 7.5mm, WL 125mm

elevator tip, inner Ø 6.5mm, outer Ø 7.5mm, WL 125mm

3 **DILATATOR 2-CHANNEL**
Ø 6.3mm, WL 225mm

4 **DILATATOR CONICAL**
inner Ø 1.0mm, outer Ø 2.5mm, WL 230mm
inner Ø 1.5mm, outer Ø 4.0mm, WL 230mm
inner Ø 2.0mm, outer Ø 5.0mm, WL 230mm

5 **DILATATOR CONICAL**
inner Ø 1.0mm, outer Ø 2.5mm, WL 230mm
inner Ø 4.2mm, outer Ø 5.1mm, WL 170mm
inner Ø 5.2mm, outer Ø 6.0mm, WL 160mm

6 **CHISEL**
Ø 3.0mm, WL 310mm

7 **TROCAR**
Ø 3.0mm, WL 310mm

1 MA-002-003



2 MH-001-034



MH-001-036



MH-001-038



MH-001-042



MH-001-040



3 MH-002-012



4 MH-002-033
MH-002-034
MH-002-035

5 MH-002-037
MH-002-038
MH-002-039



6 MD-004-013



7 MD-004-014



7.2. INTERLAMINAR SET SHORT
MA-999-003

8 **ENDO-KERRISON PUNCH, WL 330MM**
upwards cutting 40°, width of bite Ø 3.5mm

9 **ENDO-KERRISON PUNCH, WL 330MM**
upwards cutting 90°, width of bite Ø 3.5mm

10 **HOOK PUNCH**
Ø 2.5mm, WL 330mm

11 **BLAKESLEY GRASPING FORCEPS**
Ø 3.5mm, WL 260mm

12 **MICRO BIOPSY GRASPING FORCEPS**
jaw upward, Ø 2.0mm, WL 330mm

13 **BIOPSY GRASPING FORCEPS**
teethed, sharp spoon, Ø 2.0mm, WL 260mm

14 **HOOK SCISSORS**
Ø 2.5mm, WL 260mm

15 **ALLIGATOR GRASPING FORCEPS**
double action, semi-rigid, Ø 2.5mm, WL 330mm

16 **KERRISON RONGEUR, WL 360mm**
upwards cutting 40°, width of bite 2.0mm

17 **KERRISON RONGEUR, WL 360mm**
upwards cutting 90°, width of bite 2.0mm

18 **DISSECTION PALPATION PROBE**
Ø 2.5mm, WL 350mm

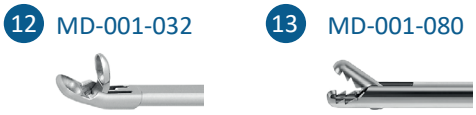
19 **STANDARD CONTAINER**
580 x 280 x 150mm, lid perforated,
bottom non perforated, blue

20 **WIRE BASKET**
540 x 255 x 70mm

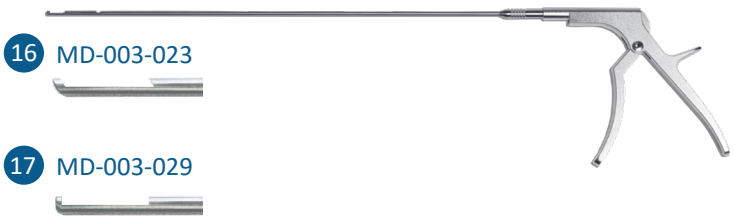
21 **SILICONE MAT**
520 x 230mm





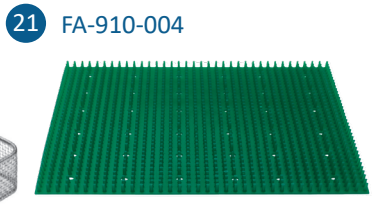


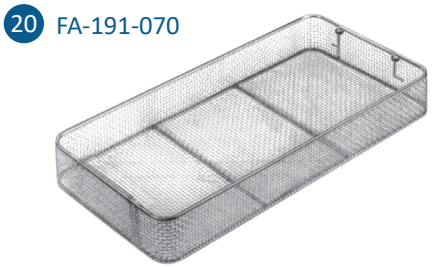












7.3. SPINAL STENOSIS SET
MA-999-004

1 SPINE WORKING SLEEVES, WL 178MM

straight, inner Ø 6.5mm, outer Ø 7.5mm

dual window, inner Ø 6.5mm, outer Ø 7.5mm

lateral window, inner Ø 6.5mm, outer Ø 7.5mm
lateral window, inner Ø 7.2mm, outer Ø 8.0mm

elevator tip, inner Ø 6.5mm, outer Ø 7.5mm

1 MH-001-012



MH-001-016



MH-001-020
MH-001-021



MH-001-024



2 DILATATOR CONICAL
inner Ø 5.2mm, outer Ø 6.0mm, WL 160mm

2 MH-002-039



3 PROBE
Ø 2.5mm, WL 310mm

4 ANULOTOME
Ø 3.0mm, WL 310mm

5 CHISEL
Ø 3.0mm, WL 310mm

3 MD-004-010



4 MD-004-012



5 MD-004-013



6 DISSECTION PALPATION PROBE
Ø 2.5mm, WL 350mm

6 MD-004-015



7 STANDARD CONTAINER
580 x 280 x 150mm, lid perforated,
bottom non perforated, blue

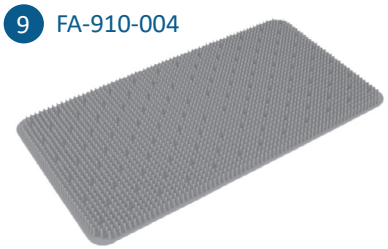
8 WIRE BASKET
540 x 255 x 70mm

9 SILICONE MAT
520 x 230mm

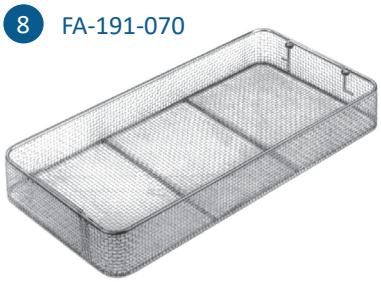
7 FA-110-150-B



9 FA-910-004



8 FA-191-070



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Client No.:
(if available)

Company Name:

Order No.	Product	Quantity

Do you have a question about our products?

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