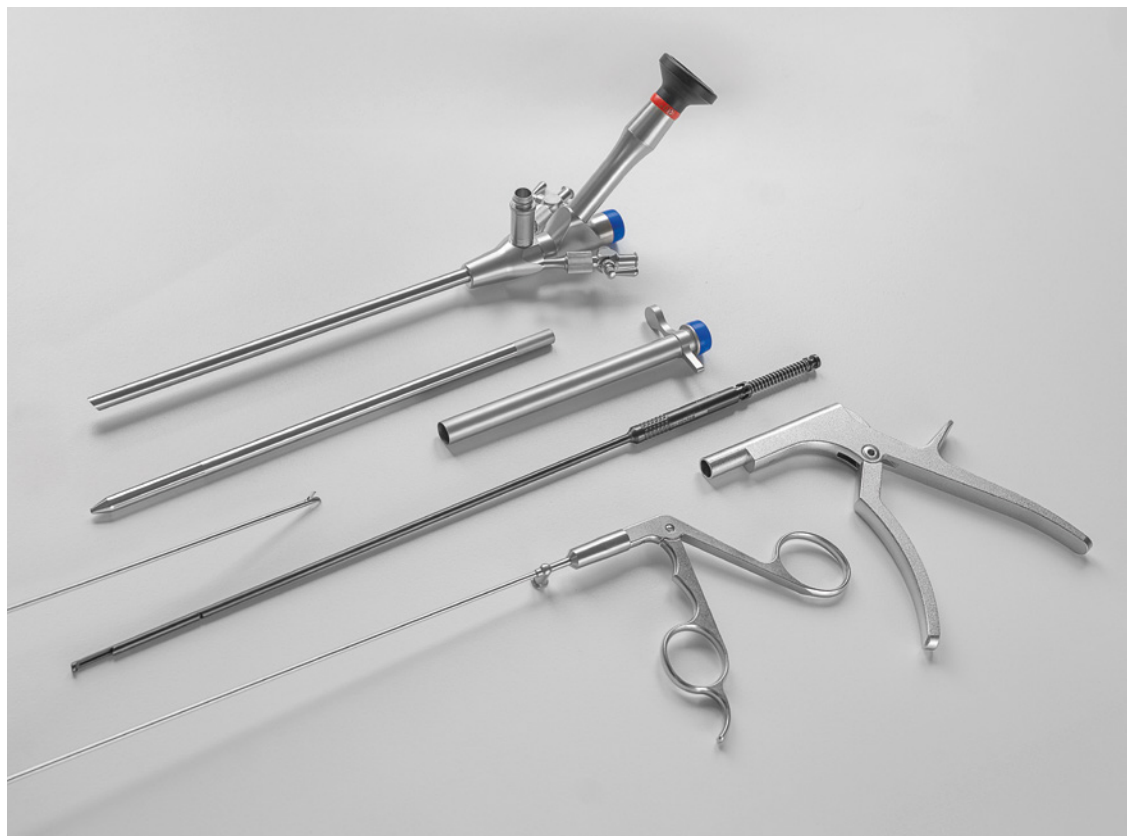


Endoscopic Spine Surgery



SPINAL ENDOSCOPE

- Eyepiece for C-mount connection
- 3-step light post adapters to connect the most common light cables directly to the endoscope
- Sapphire glasses ensure highest stability against damages on the lens system
- Optimized glass fibre arrangements ensure an uniform image brightness of highest quality
- High definition pictures with increased detail-resolution through newest CAD-designed rod-lens systems
- Fully Autoclavable at 134°C and 2.3bar

FULL HD



215mm working length

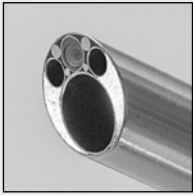
Ø 6.3mm 3.75mm working channel	259-375-215
Ø 7.0mm 4.3mm working channel	259-430-210

181mm working length

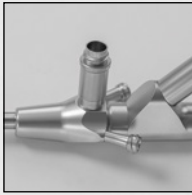
Ø 7.0mm 4.3mm working channel	259-430-185
Ø 8.4mm 5.7mm working channel	259-570-125
139mm working length	
Ø 10.0mm 7.1mm working channel	259-710-139

130mm working length

Ø 6.3mm 3.75mm working channel	259-375-135
Ø 7.0mm 4.3mm working channel	259-430-135
Ø 7.0mm 4.3mm working channel	259-430-130



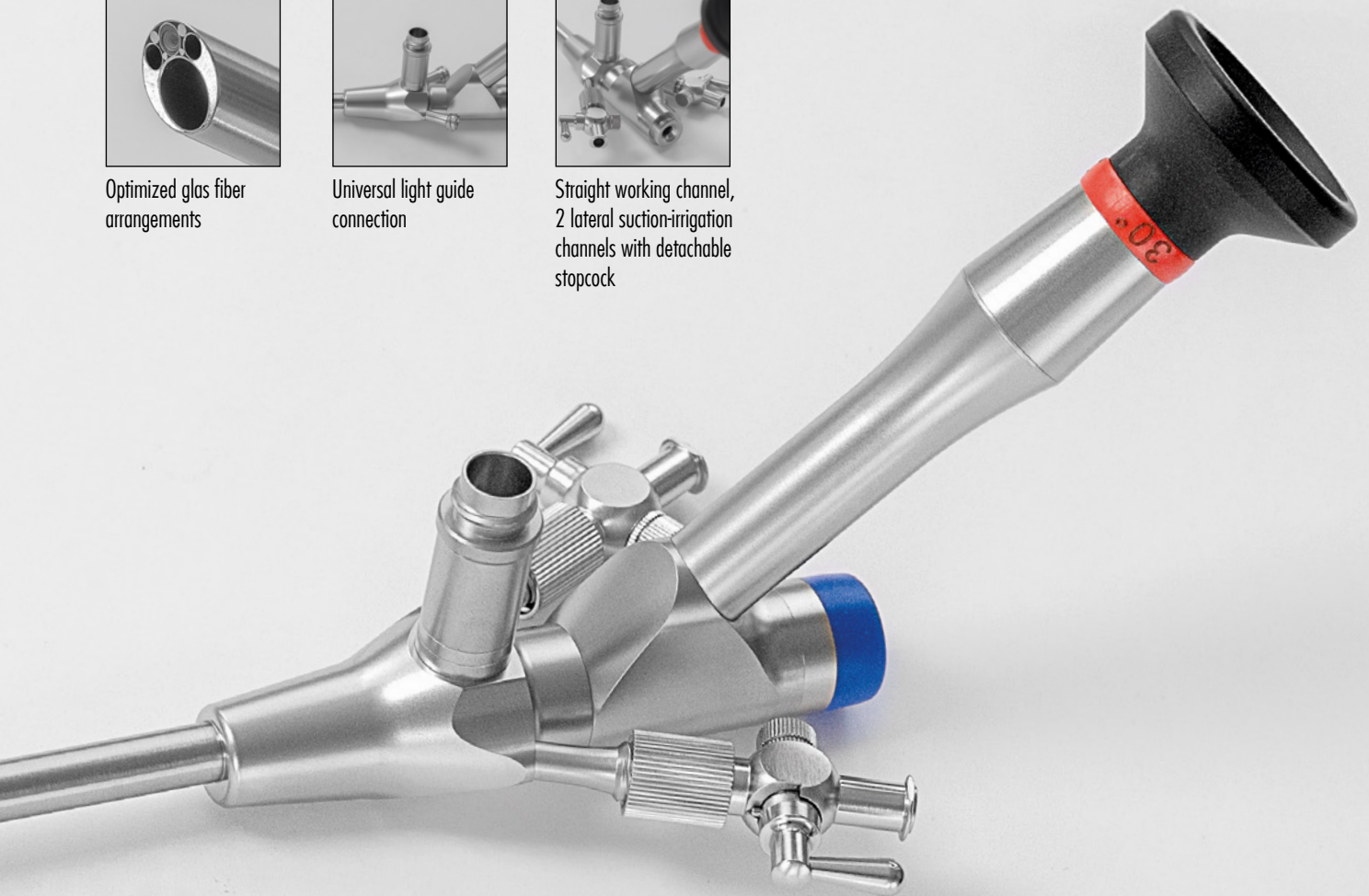
Optimized glas fiber arrangements



Universal light guide connection



Straight working channel, 2 lateral suction-irrigation channels with detachable stopcock



One-way stopcock, rotating, with luer lock connector

300-011-515



Spare Cap for Spinal Endoscope, blue

259-900-008

30°

215mm working length

Ø 6.3mm 259-375-210
3.75mm working channel

Ø 7.0mm 259-430-210
4.3mm working channel

181mm working length

Ø 6.3mm 259-375-181
3.75mm working channel

Ø 7.0mm 259-430-131
4.3mm working channel

210mm working length

Ø 7.0mm 259-430-181L
4.3mm working channel

130mm working length

Ø 5.3mm 259-280-130
2.8mm working channel

Ø 6.3mm 259-375-130
3.75mm working channel

Ø 7.0mm 259-430-130
4.3mm working channel

ENDOSCOPIC KERRISON



Endoscopic Kerrison Handle

259-000-700



Ceramic Coated Inserts

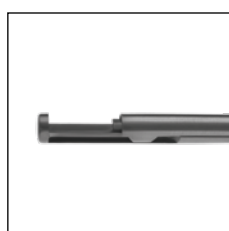


40°, 260mm working length

Ø 3.5mm	259-350-260
Ø 4.0mm	259-400-260
Ø 2.5mm	259-253-260
Ø 5.0mm	259-500-260
Ø 6.0mm	256-600-260

40°, 360mm working length

Ø 2.5mm	259-250-360
Ø 3.5mm	259-350-360
Ø 4.0mm	259-400-360



90°, 260mm working length

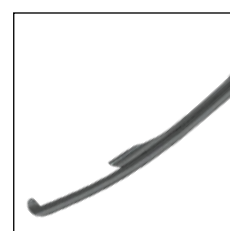
Ø 3.0mm	259-300-260
Ø 3.5mm	259-351-260
Ø 5.0mm	259-501-260
Ø 6.0mm	259-601-260

90°, 330mm working length

Ø 3.5mm	259-351-330
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90°, 360mm working length

Ø 3.5mm	259-351-360
Ø 4.0mm	259-401-360

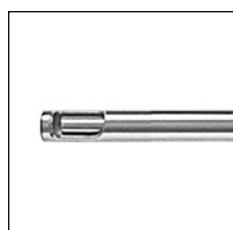


Bent upwards, 260mm working length

Ø 2.2mm	259-402-260
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Bent upwards, 310mm working length

Ø 2.5mm	259-252-310
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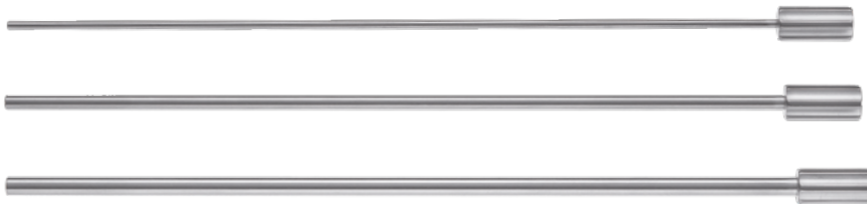


Suction Punch, 360° rotatable
310mm working length

Ø 3.5mm	259-350-310
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DILATORS



Rod Pusher, 230mm

Ø Inner: 1.0	259-250-230
Ø Outer: 2.5	
Ø Inner: 1.5	259-400-230
Ø Outer: 4.0	
Ø Inner: 2.0	259-500-230
Ø Outer: 5.0	



Conical, 230mm

Ø Inner: 1.0	259-251-230
Ø Outer: 2.5	
Ø Inner: 1.5	259-401-230
Ø Outer: 4.0	
Ø Inner: 2.0	259-501-230
Ø Outer: 5.0	



Conical, curved, 230mm

Ø Inner: 1.0	259-252-230
Ø Outer: 2.5	

DILATORS



Conical, 185mm

Ø Inner: 2.8	259-410-185
Ø Outer: 4.1	



Conical, 170mm

Ø Inner: 4.2	259-510-170
Ø Outer: 5.1	



Conical, 160mm

Ø Inner: 5.2	259-600-160
Ø Outer: 6.0	



Conical, 185mm

Ø Inner: 6.1	259-710-185
Ø Outer: 7.1	



2-Channel, 225mm

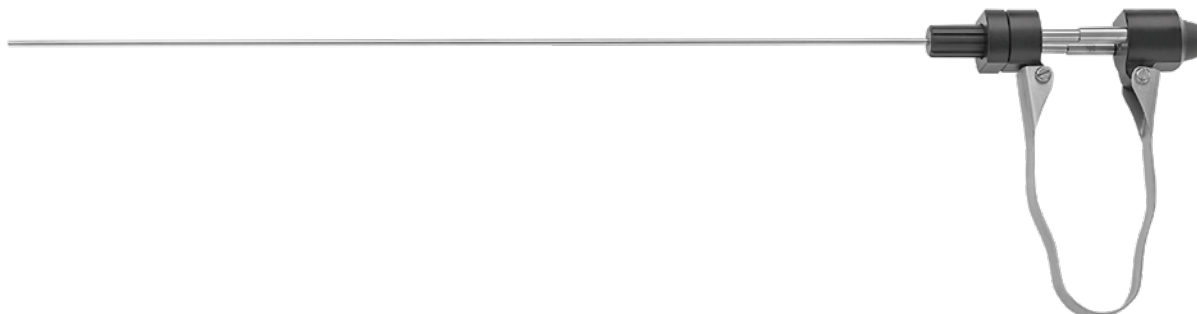
Ø 5.3mm	259-530-225
Ø 6.3mm	259-616-400
Ø 7.0mm	259-700-225



Single Hole, 185mm

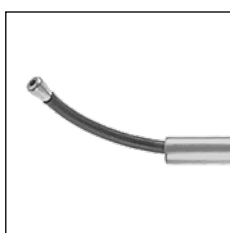
Ø 10.0mm	259-100-185
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PROBES



Nitinol Probe, 380mm working length

259-380-000



Nitinol Probe, flexible, with channel,
300mm working length

Ø 3.5mm

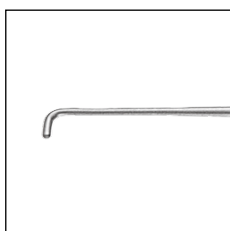
259-695-000



Nerve Probe, 330mm working length

Ø 3.0mm

259-695-001



Hook Probe, 260mm working length

Ø 2.5mm

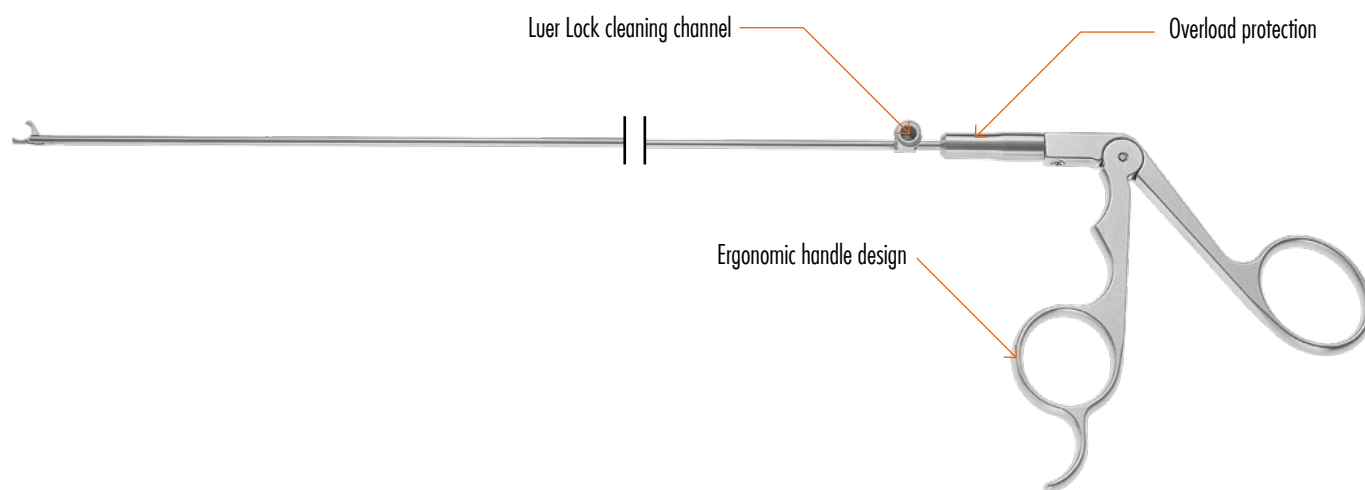
259-125-260

310mm working length

Ø 2.5mm

259-125-310

HAND INSTRUMENTS



Micro Cup Forceps
Upwards angled jaw, 330mm

Ø 2.0mm 259-330-001



Micro Cup Forceps
Upwards angled jaw, 330mm

Ø 2.5mm 259-330-002



Ducking Punch,
short jaw, straight, 330mm

Ø 2.5mm 259-330-003



Ducking Punch
Upwards angled jaw, 330mm

Ø 3.5mm 259-330-004



Hook Scissors
straight jaw, 260mm

Ø 2.5mm 259-330-005

330mm

Ø 2.5mm 259-330-041



Scissors Punch,
straight jaw, 260mm

Ø 2.0mm 259-330-006

Ø 2.5mm 259-330-028

330mm

Ø 2.5mm 259-330-029



Cupped Grasper, atraumatic serrations,
straight jaw, 330mm

Ø 2.0mm 259-330-007



Grasping Forceps,
left jaw, 330mm

Ø 2.0mm 259-330-008



Grasping Forceps,
right jaw, 330mm

Ø 2.0mm 259-330-009



Cupped Grasper, atraumatic serrations,
straight jaw, 260mm

Ø 3.5mm 259-330-012

Ø 4.0mm 259-330-014



Cupped Grasper, atraumatic serrations,
straight jaw, 330mm

Ø 2.0mm 259330-039

Ø 3.5mm 259-330-013

Ø 4.0mm 259-330-015



Cup Forceps
straight jaw, 330mm

Ø 2.0mm 259-330-016



Cup Forceps
straight jaw, 330mm

Ø 2.5mm 259-330-017



Cup Forceps
straight jaw, 330mm

Ø 3.5mm 259-330-018



Cup Forceps
straight jaw, 330mm

Ø 4.0mm 259-330-019



Cup Forceps
straight jaw, 260mm

Ø 2.5mm 259-330-020



Cup Forceps
straight jaw, 260mm

Ø 3.5mm 259-330-021



Cup Forceps
straight jaw, 260mm

Ø 4.0mm 259-330-022

HAND INSTRUMENTS



Cup Forceps
straight jaw, 330mm

Ø 3.0mm

259-330-023



Micro Cup Forceps
Upwards angled jaw, 260mm

Ø 2.5mm

259-330-024



Micro Cup Forceps
330mm

Ø 2.0mm

259-330-045



Grasping Forceps,
straight jaw, 330mm

Ø 2.5mm

259-330-040



Hook Scissors
straight jaw, 330mm

Ø 2.5mm

259-330-041



BLAKESLEY Forceps,
straight jaw, 330mm

Ø 3.5mm

259-330-043



Scissors Punch,
upwards angled, 330mm

Ø 2.5mm

259-330-030

straight jaw, 330mm

Ø 2.0mm

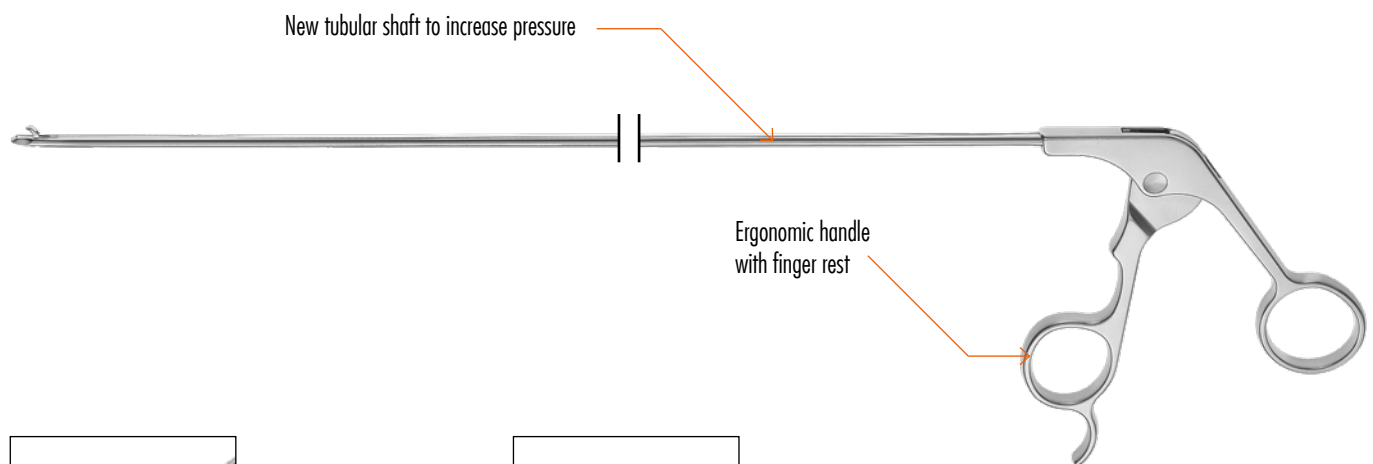
259-330-044

260mm

Ø 2.5mm

259-260-030

HAND INSTRUMENTS



Punch
straight jaw, 260mm

Ø 4.0mm

259-330-533

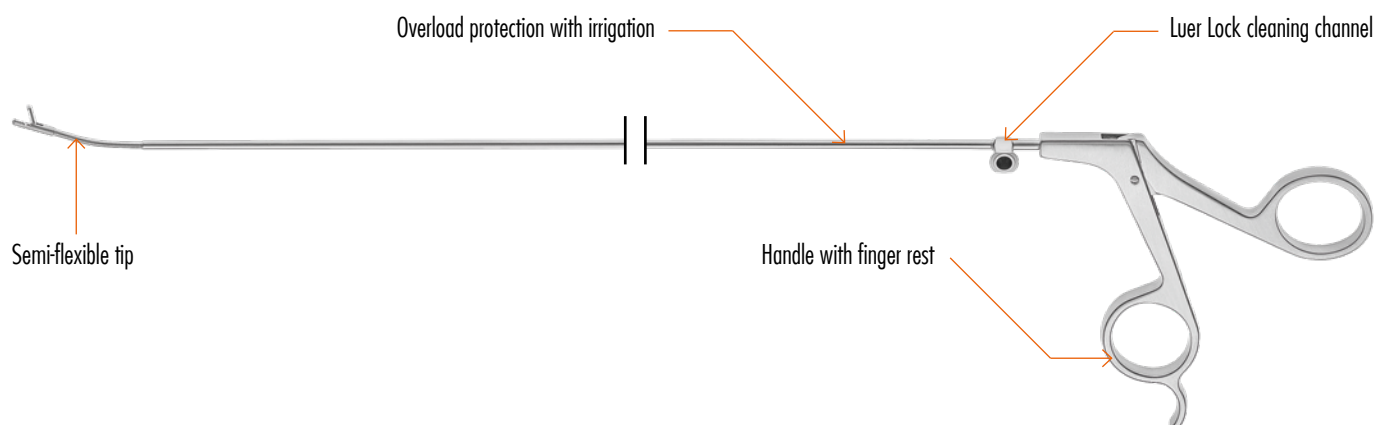


Punch
upward angled jaw, 260mm

Ø 3.5mm

259-330-534

HAND INSTRUMENTS



Grasper, semi-flexible
straight jaw, double action, 260mm

Ø 3.0mm 259-330-026

330mm

Ø 3.0mm 259-330-027



Grasper, semi-flexible
upward jaw, 330mm

Ø 2.5mm 259-330-031



Grasper, semi-flexible
downward jaw, 330mm

Ø 2.5mm 259-330-032



Grasper, semi-flexible
single action, 260mm

Ø 2.8mm 259-330-042

BONE REMOVAL INSTRUMENTS



Dissector,
blunt, 260mm

Ø 2.5mm

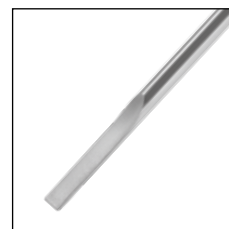
259-225-260



Elevator, rounded, curved tip
blunt, 310mm

Ø 2.5mm

259-225-310



Bone Chisel
blunt, 310mm

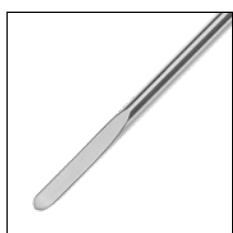
Ø 3.0mm

259-230-310

260mm

Ø 3.0mm

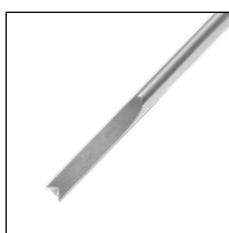
259-030-260



Elevator, rounded, curved tip
blunt, 310mm

Ø 3.0mm

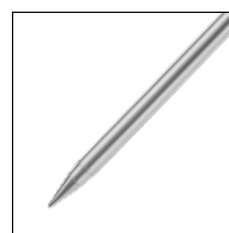
259-300-310



Bone Chisel,
v-notch, 330mm

Ø 3.0mm

259-330-310



Bone Awl
310mm

Ø 3.0mm

259-430-310



Bone Curette, 330mm

Ø 3.5mm

259-690-035

260mm

Ø 2.0mm

259-690-020

CANNULAS



Working tube, wave tip,
125mm

Ø Inner: 6.5	259-750-125
Ø Outer: 7.5	

Ø Inner: 7.2	259-800-125
Ø Outer: 8.0	

178mm

Ø Inner: 6.5	259-751-178
Ø Outer: 7.5	

Ø Inner: 7.2	259-801-178
Ø Outer: 8.0	

Ø Inner: 5.5	259-650-178
Ø Outer: 6.5	



Working tube, oblique window
134mm

Ø Inner: 10.2	259-112-134
Ø Outer: 11.2	



Working sleeve
134mm

Ø Inner: 10.2	259-113-134
Ø Outer: 11.2	



Working tube, oblique window,
125mm

Ø Inner: 7.2	259-801-125
Ø Outer: 8.0	

178mm

Ø Inner: 6.5	259-750-178
Ø Outer: 7.5	

Ø Inner: 7.2	259-800-178
Ø Outer: 8.0	

CANNULAS



Working sleeve, flat tip
125mm

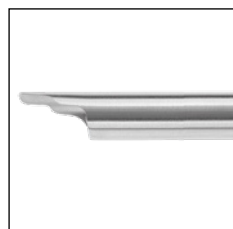
Ø Inner: 6.5	259-751-125
Ø Outer: 7.5	



Working tube, open
178mm

Ø Inner: 6.5	259-753-178
Ø Outer: 7.5	

Ø Inner: 7.2	259-803-178
Ø Outer: 8.0	



Working tube, elevator tip
178mm

Ø Inner: 6.5	259-752-178
Ø Outer: 7.5	

Ø Inner: 7.2	259-802-178
Ø Outer: 8.0	



Spare Cap for Cannula

259-900-009

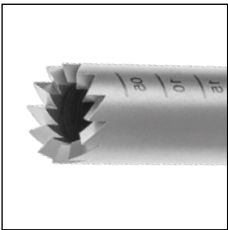
TREPHINES



Protection Tube, 160mm	
Ø Inner: 5.2 Ø Outer: 6.0	259-160-560
Ø Inner: 6.7 Ø Outer: 7.5	259-160-710
Ø Inner: 7.7 Ø Outer: 8.5	259-160-810



Trephine, 225mm	
Ø Inner: 4.1 Ø Outer: 5.1	259-510-225
Ø Inner: 5.6 Ø Outer: 6.6	259-660-225
Ø Inner: 6.6 Ø Outer: 7.6	259-760-225
Ø Inner: 8.8 Ø Outer: 9.8	259-980-225



350mm	
Ø Inner: 2.5 Ø Outer: 3.5	259-350-350
Ø Inner: 3.1 Ø Outer: 4.1	259-410-350



Trephine and Rasp Handle,
with quick lock for all blades

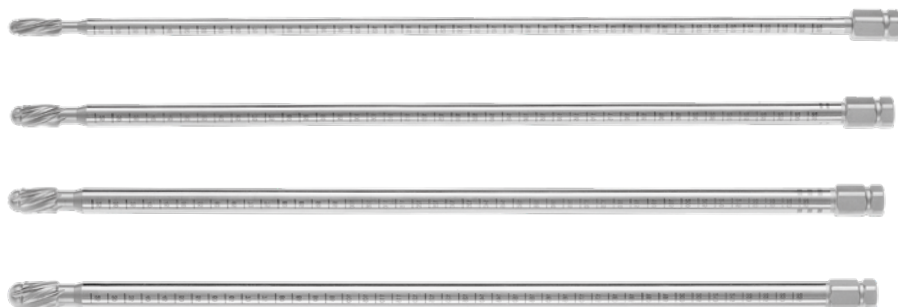
259-900-100



Trephine and Rasp Handle, with locking
mechanism and quick lock for all blades

259-900-101

RASPS



Rasp, retrograde
260mm

Ø 5.1mm 259-510-260

Ø 6.6mm 259-660-260

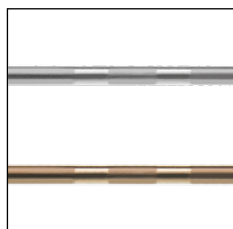
Ø 7.6mm 259-760-260

Ø 8.8mm 259-880-260

350mm

Ø 3.5mm 259-335-350

GUIDE WIRES



Guide Wire,
stainless steel, 400mm

Ø 0.7mm 259-070-400

Nitinol, 400mm

Ø 0.8mm 259-080-400

Ø 1.2mm 259-120-400

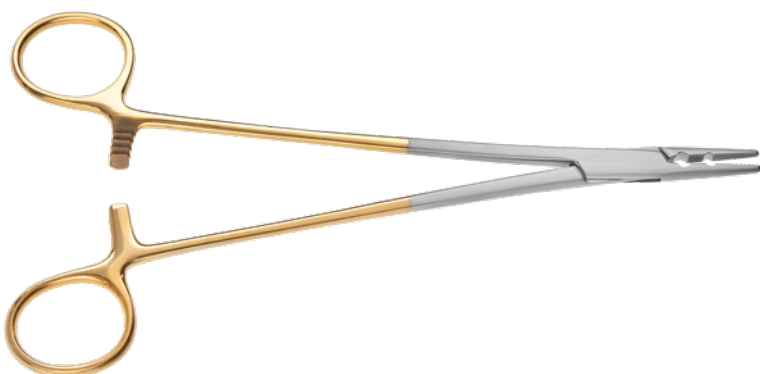
ACCESSORIES



Extracting Forceps

185mm

259-900-185



Rod Forceps, 2mm / 4mm

200mm

259-204-200



Metal Hammer, blue silicone handle,
240mm working length

Ø 30mm

259-204-200

BLAX TUBULAR RETRACTOR SYSTEM



Expanding Retractor (2 pcs. each)

25 x 40mm	259-000-060
25 x 50mm	259-000-061
25 x 60mm	259-000-062
25 x 70mm	259-000-063
25 x 80mm	259-000-064
25 x 90mm	259-000-065



Guide Wire, 305mm length

Ø 1.6mm	259-000-080
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Dilators, color coded

A Ø 5.3mm	259-000-070
B Ø 9.4mm	259-000-071
C Ø 12.8mm	259-000-072
D Ø 14.6mm	259-000-073
E Ø 16.8mm	259-000-074
F Ø 18.8mm	259-000-075
G Ø 20.8mm	259-000-076
H Ø 22.8mm	259-000-077
I Ø 24.8mm	259-000-078



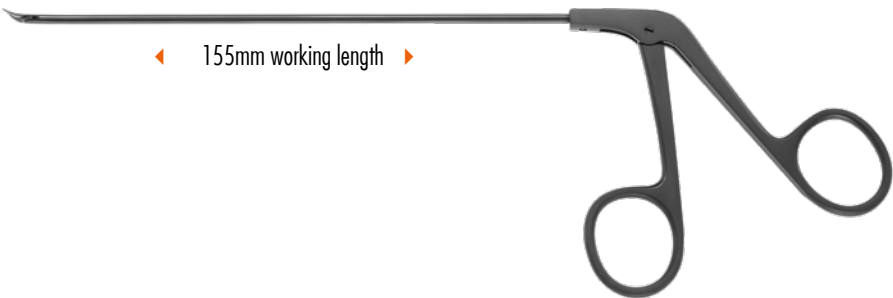
Kerrison Punch, bayonet-shaped,
40° footplate

1.0mm	250-000-001
2.0mm	250-000-002
3.0mm	250-000-003
4.0mm	250-000-004
5.0mm	250-000-005



90° footplate

1.0mm	250-000-006
2.0mm	250-000-007
3.0mm	250-000-008
4.0mm	250-000-009
5.0mm	250-000-010



◀ 155mm working length ▶



Micro Vertebral Scissors
blunt

2.0mm	250-000-033
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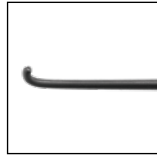
Micro Vertebral Scissors
sharp

2.0mm	250-000-034
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Nerve Hook

straight	250-000-042
left	250-000-043
right	250-000-044



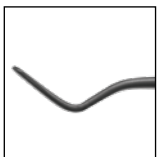
Micro Nerve Hook

straight	250-000-045
left	250-000-046
right	250-000-047



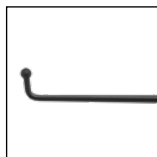
Dissector, 90°

straight	250-000-048
left	250-000-049
right	250-000-050



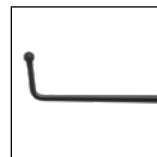
WOODSON
Dissector, 45°

180mm	250-000-035
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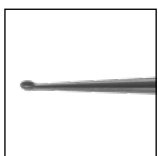
Ball Probe, 2mm
short, 6mm

straight	250-000-036
left	250-000-037
right	250-000-038



Ball Probe, 2mm
short, 9mm

straight	250-000-039
left	250-000-040
right	250-000-041



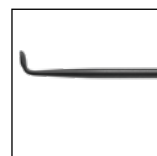
Curette
forward straight

1.8mm	250-000-024
3.6mm	250-000-025
5.2mm	250-000-026



forward angled

1.8mm	250-000-027
3.6mm	250-000-028
5.2mm	250-000-029



reverse angled

1.8mm	250-000-030
3.6mm	250-000-031
5.2mm	250-000-032

ENDOSCOPIC SPINE SURGERY



DECKER Rongeur
straight

2.0 x 6.0mm

250-000-016



DECKER Rongeur
30° bent up

2.0 x 6.0mm

250-000-017



Rat Tooth Rongeur/Grasper,

2.0mm

250-000-018



PEAPOD Rongeur
40° upcurved

2.0mm

250-000-019



PEAPOD Rongeur
Downcurved

2.0 x 6.0mm

250-000-020



SPURLING Rongeur
Straight

4.0mm

250-000-021



GRUENWALD
Rongeur
Bent up

4.0mm

250-000-022



FERRIS SMITH Rongeur,
with Kerrison Handle
Short straight

4.0mm

250-000-023





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