



Arthroscopy

Access, Visualization & Instrumentation

Our Vision

"True to our vision **INNOVATING TRADITION.** it has always been our goal to not only provide our customers and healthcare professionals with an industry-leading value proposition through continuous innovation in our products and processes.

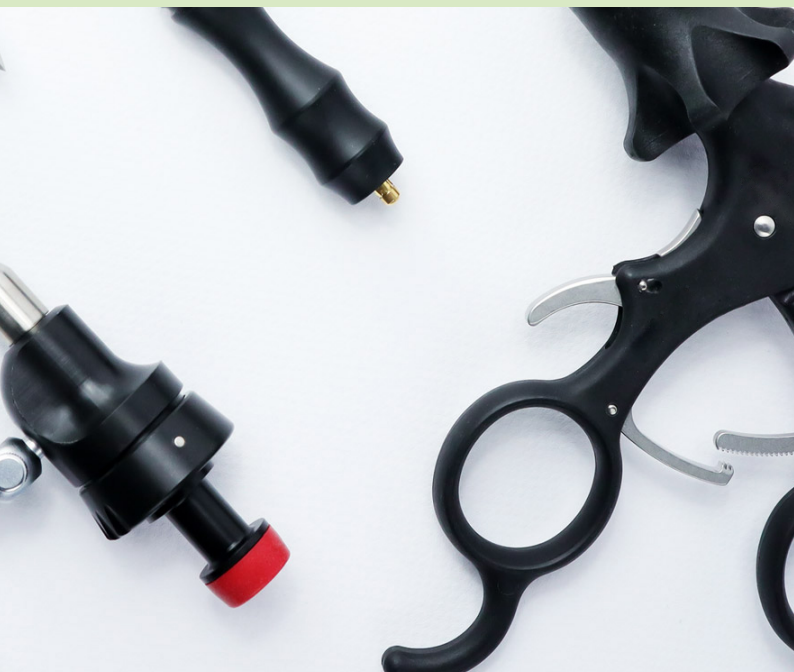
Ackermann

We believe that it is equally important to not lose sight of our roots and to preserve the craftsmanship that has been perfected over generations as an established family business. This enables us to maintain a productive and sustainable home for our staff and to improve clinical outcomes every single day in over 100 countries around the world."

Peter Grassl, CEO

+ 20k SKUs

As **Full-Range-System Manufacturer** we are able to provide you with a coherent product portfolio - from endoscopy to ligation, from implantology to general surgery.



Capabilities

+ Manufacturing

Surgical Instruments, Units, Implants, Optics

+ Regulatory

ISO 13485:2016, US FDA, CFDA, ANVISA,
COFEPRIS

+ Service

+ R&D



Global Player

Sales subsidiaries located in
Greece, India, USA & Mexico



Serving over
100
Countries

More than
80
Employees



3
Manufacturing
Sites

400
Strategic
Partners



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Wrist Arthroscopy Set

Ordering Information and Recommendations

1 x Standard Arthroscope, Ø 2.7 mm, 30°, 110 mm	# 17-1757
1 x Standard fiber light cable, Ø 3.5 mm, 2.3 m	# 11-1151
1 x Adaptor scope-side, Ackermann / Storz ¹ / Olympus ¹	# 11-1146-100
1 x Adaptor lightsource-side, Ackermann / Storz ¹	# 11-1146-200
1 x Universal sheath, 2 rotatable stopcocks, Ø 2.7 mm, 110 mm	# 17-1766
1 x Blunt tip obturator, Ø 2.7 mm, 110 mm	# 17-1786
1 x Hook probe, graduated, sheath straight, Ø 2.5 mm, triangular handle	# 17-1802DK
1 x Hook probe, pointed, sheath straight, triangular handle	# 17-1824DK
1 x Alligator grasper Jr., straight sheath, 95 mm, slide-lock handle	# 17-3111
1 x Basket punch Jr., straight sheath, blunt, 95 mm, classic handle	# 17-3108
1 x Oval punch, Jr., straight sheath, 95 mm, classic handle	# 17-3103
1 x Oval punch, Jr., left curved sheath, 95 mm, classic handle	# 17-3104
1 x Oval punch, Jr., right curved sheath, 95 mm, classic handle	# 17-3105
1 x Grasper, raptor style Jr., straight sheath, 95 mm, classic handle	# 17-3110*
1 x Endoscope wire basket for 1 scope, with lid and scope fixation, 290 x 80 x 52 mm	# 15-1697
1 x 1/2 Container, bottom non-perforated, silver lid, 285 x 280 x 135 mm	# 50-1310.13
1 x Wire basket, 255 x 245 x 50 mm	# 50-1390.05
2 x Identification Label, without engraving, silver	# 50-1820.00



Elbow / Ankle Arthroscopy Set

Ordering Information and Recommendations

1 x Standard Arthroscope, Ø 2.7 mm, 30°, 110 mm	# 17-1757
1 x Standard fiber light cable, Ø 3.5 mm, 2.3 m	# 11-1151
1 x Adaptor scope-side, Ackermann / Storz ¹ / Olympus ¹	# 11-1146-100
1 x Adaptor lightsource-side, Ackermann / Storz ¹	# 11-1146-200
1 x Universal sheath, 2 rotatable stopcocks, Ø 2.7 mm, 110 mm	# 17-1766
1 x Blunt tip obturator, Ø 2.7 mm, 110 mm	# 17-1786
1 x Hook probe, graduated, sheath straight, Ø 2.5 mm, triangular handle	# 17-1802DK
1 x Chondro pick, silicone handle, 25° angled tip, 125 mm	# 17-1838S-25
1 x Chondro pick, silicone handle, 60° angled tip, 125 mm	# 17-1838S-60
1 x Basket punch Jr., straight sheath, 95 mm, classic handle	# 17-3106
1 x Basket punch Jr., straight sheath, blunt, 95 mm, classic handle	# 17-3108*
1 x Oval punch, Jr., straight sheath, 95 mm, classic handle	# 17-3103
1 x Grasper, raptor style Jr., straight sheath, 95 mm, classic handle	# 17-3110
1 x Endoscope wire basket for 1 scope, with lid and scope fixation, 290 x 80 x 52 mm	# 15-1697
1 x 1/2 Container, bottom non-perforated, silver lid, 285 x 280 x 135 mm	# 50-1310.13
1 x Wire basket, 255 x 245 x 50 mm	# 50-1390.05
2 x Identification Label, without engraving, silver	# 50-1820.00



Shoulder Arthroscopy Set

Ordering Information and Recommendations

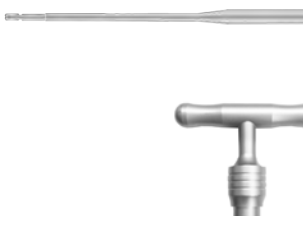
1x 4k UHD Arthroscope, Ø 4 mm, 30°, 185 mm	# 17-1755HD
1x Standard fiber light cable, Ø 3.5 mm, 2.3 m	# 11-1151
1x Adaptor scope-side, Ackermann / Storz ¹ / Olympus ¹	# 11-1146-100
1x Adaptor lightsource-side, Ackermann / Storz ¹	# 11-1146-200
1x Universal sheath, 2 rotatable stopcocks, Ø 4 mm, 175 mm	# 17-1770
1x Conical tip obturator, Ø 4 mm, 175 mm	# 17-1795
1x Blunt tip obturator, Ø 4 mm, 175 mm	# 17-1790
1x Changing guide, Ø 2.7 mm, 350 mm	# 17-1777
1x Hook probe, pointed, graduated, silicone handle, straight tip	# 17-1802-06S-215
1x PCL elevator	# 17-1848
1x Rasp, straight	# 17-1839S
1x Low Duckbill punch, medium, upbiter, 220 mm, classic handle	# 17-3160
1x Alligator grasper, straight sheath, 220 mm, slide-lock handle	# 17-3171
1x Suture manipulator, sheath straight, 155 mm, classic handle	# 17-3270*
1x Knot pusher, closed, sheath straight, 155 mm	# 17-3153
1x Suture cutter, v-shape, sheath straight, 155 mm, axial handle w/o ratchet	# 17-3149
1x Suture hook, sliding, sheath straight, 155 mm, handle with positioning	# 17-3152
1x Bird beak, suture hook, tip straight, sheath 15° upswept, 155 mm	# 17-3313
1x Bird beak, suture hook, sheath straight, jaws 45° angled left, 155 mm, axial handle	# 17-3318
1x Bird beak, suture hook, sheath straight, jaws 45° angled right, 155 mm, axial handle	# 17-3319*
1x Bird beak, suture hook, tip straight, 15° upswept jaws, 155 mm, axial handle	# 17-3315
1x Bird beak, suture hook, sheath straight, 45° angled right jaws, 155 mm, axial handle	# 17-3121*
1x Bird beak, suture hook, sheath straight, upbiter 45° angled left jaws, 155 mm, axial handle	# 17-3118
1x Suture passer, 170 mm, straight jaws, handle with ratchet	# 17-5002*
1x Single-use, non-sterile nitinol needle with protecting cap, white, Ø 1.5 mm, 170 mm	# 17-5101



1 x Endoscope wire basket for 1 scope, with lid and scope fixation, 290 x 80 x 52 mm	# 15-1697
1 x 3/4 Container, bottom non-perforated, silver lid, 465 x 280 x 135 mm	# 50-1210.13
1 x 3/4 Container, wire basket, 400 x 250 x 50 mm	# 50-1290.05
2 x Identification Label, without engraving, silver	# 50-1820.00

ACL / PCL Set

Ordering Information and Recommendations

1x ACL / PCL handle	# 17-6510	
1x ACL / PCL bullet, 2.4 mm	# 17-6578-24	
1x ACL / PCL bullet, 3.5 mm	# 17-6578-35	
1x PCL tibial marking hook drill guide	# 17-6805	
1x PCL femoral marking hook drill guide	# 17-6806	
1x ACL / PCL femoral marking hook, curved	# 17-6515	
1x ACL / PCL femoral (RP) aimer	# 17-6514	
1x ACL / PCL femoral (LP) aimer	# 17-6513*	
1x ACL / PCL femoral aimer	# 17-6512	
1x ACL / PCL tibial aimer	# 17-6511*	
1x ACL / PCL multiuse aimer	# 17-6504*	
1x Tunnel dilator, cannulated, for use with T-handle, Ø 6 - 7 mm	# 17-6867	
1x Tunnel dilator, cannulated, for use with T-handle, Ø 7 - 8 mm	# 17-6878	
1x Tunnel dilator, cannulated, for use with T-handle, Ø 8 - 9 mm	# 17-6889	
1x Tunnel dilator, cannulated, for use with T-handle, Ø 9 - 10 mm	# 17-6890	
1x Tunnel dilator, cannulated, for use with T-handle, Ø 10 - 11 mm	# 17-6891	
1x Tunnel dilator, cannulated, for use with T-handle, Ø 11 - 12 mm	# 17-6892	
1x T-handle for tunnel dilators	# 17-6800	
1x Tibial drill, cannulated, Ø 6 mm	# 17-6260	
1x Tibial drill, cannulated, Ø 7 mm	# 17-6270	
1x Tibial drill, cannulated, Ø 8 mm	# 17-6280	
1x Tibial drill, cannulated, Ø 9 mm	# 17-6290	
1x Tibial drill, cannulated, Ø 10 mm	# 17-6210	
1x Tibial drill, cannulated, Ø 11 mm	# 17-6211	
1x Tibial drill, cannulated, Ø 12 mm	# 17-6212	
1x Endoscopic reamer, cannulated, Ø 4.7 mm	# 17-6347	
1x Endoscopic reamer, cannulated, Ø 5.2 mm	# 17-6352	
1x Endoscopic reamer, cannulated, Ø 5.6 mm	# 17-6356	
1x Drill bit, Ø 2.4mm	# 17-6324	
1x Pin, drill bit	# 17-6301	
1x Pin, diamond tip	# 17-6302	

1x Femoral reamer, cannulated, Ø 6 mm	# 17-6460
1x Femoral reamer, cannulated, Ø 7 mm	# 17-6470
1x Femoral reamer, cannulated, Ø 8 mm	# 17-6480
1x Femoral reamer, cannulated, Ø 9 mm	# 17-6490
1x Femoral reamer, cannulated, Ø 10 mm	# 17-6410
1x Femoral reamer, cannulated, Ø 11 mm	# 17-6411
1x Femoral reamer, cannulated, Ø 12 mm	# 17-6412
1x Guide wire, for screws, Ø 2 mm	# 17-6320
1x Rasp, straight	# 17-1839S
1x Rasp, convex	# 17-1839C
1x Rasp, half-round	# 17-1839H
1x Chondro pick, silicone handle, straight, Ø 6 mm, 125 mm	# 17-1838S
1x Chondro pick, silicone handle, 25° angled, Ø 6 mm, 125 mm	# 17-1838S-25
1x Chondro pick, silicone handle, 40° angled, Ø 6 mm, 125 mm	# 17-1838S-40
1x Chondro pick, silicone handle, 60° angled, Ø 6 mm, 125 mm	# 17-1838S-60
1x Chondro pick, silicone handle, 60° angled, Ø 6 mm, 125 mm	# 17-1838S-90
1x Curette, 25° angled	# 17-1814-6S-215
1x Femoral aimer, Ø 5 mm	# 17-1846-5
1x Femoral aimer, Ø 6 mm	# 17-1846-6
1x Femoral aimer, Ø 7 mm	# 17-1846-7
1x Transportal femoral aimer, Ø 5 mm	# 17-1847-5
1x Transportal femoral aimer, Ø 6 mm	# 17-1847-6
1x Transportal femoral aimer, Ø 7 mm	# 17-1847-7
1x PCL elevator	# 17-1848
1x Tendon stripper, closed, Ø 7 mm	# 17-1849-7
1x Tendon stripper, closed, Ø 8 mm	# 17-1849-8
1x Tendon stripper, closed, Ø 9 mm	# 17-1849-9
1x Tendon stripper, open, Ø 7 mm	# 17-1849-7
1x Tendon stripper, open, Ø 8 mm	# 17-1849-8
1x Tendon stripper, open, Ø 9 mm	# 17-1849-9
1x Hook probe, pointed, triangular handle	# 17-1824DK
1x Impactor for spiked ligamental staple	# 17-6501



- | | |
|---|--------------|
| 1 x Graft preparation station | # 17-6500 |
| 1 x Depth gauges for measuring the total length of the femoral channel | # 17-1851 |
| 1 x Screw driver, cannulated | # 17-1852 |
| 1 x Graft sizing block A, Ø 6 -12 mm | # 17-6954 |
| 1 x Graft sizing block B, Ø 6.5 -11.5 mm | # 17-6889 |
| 1 x Tunnel plugs, Ø 7 - 8 mm | # 17-6257 |
| 1 x Tunnel plugs, Ø 8 - 9 mm | # 17-6258 |
| 1 x Tunnel plugs, Ø 9 - 10 mm | # 17-6259 |
| 1 x 1/1 Container, bottom non-perforated, silver lid, 580 x 280 x 150mm | # 50-1010.15 |
| 3 x Layers | |



Meniscus Basic Set

Ordering Information and Recommendations

1x Backbiter, right curved, straight sheath, 125 mm, classic handle	# 17-3051	
1x Backbiter, left curved, straight sheath, 125 mm, classic handle	# 17-3052*	
1x Rotary basket punch, 2.2 mm, 90° left, straight sheath, 125 mm, classic handle	# 17-3072	
1x Rotary basket punch, 2.2 mm, 90° right, straight sheath, 125 mm, classic handle	# 17-3073	
1x Duckbill punch, medium, straight sheath, 125 mm, classic handle	# 17-3020*	
1x Oval punch, straight sheath, 125 mm, classic handle	# 17-3063	
1x Duckbill punch, medium, upbiter, straight sheath, 125 mm, classic handle	# 17-3021	
1x Scissor punch, straight sheath, 125 mm, classic handle	# 17-3032*	
1x Low Duckbill punch, medium, straight sheath, 125 mm, classic handle	# 17-3040	
1x Low Duckbill punch, medium, upbiter, straight sheath, 125 mm, classic handle	# 17-3041	
1x Basket punch, slim line, upbiter, straight sheath, 125 mm, classic handle	# 17-3045	
1x Posterior punch, upbiter, 125 mm, classic handle	# 17-3055*	
1x Alligator grasper, 3.2 mm, straight sheath, 125 mm, slide-lock handle	# 17-3015*	
1x Hook probe, graduated, sheath straight, Ø 2.5 mm, 125 mm	# 17-1802	
1x 1/2 Container for 14 Arthroscopic punches, 285 x 280 x 135mm	# 17-1750CON	

Comprehensive Meniscus Set

Ordering Information and Recommendations

1x Backbiter, right curved, straight sheath, 125 mm, classic handle	# 17-3051
1x Backbiter, left curved, straight sheath, 125 mm, classic handle	# 17-3052
1x Rotary basket punch, 2.2 mm, 90° left, straight sheath, 125 mm, classic handle	# 17-3072
1x Rotary basket punch, 2.2 mm, 90° right, straight sheath, 125 mm, classic handle	# 17-3073*
1x Duckbill punch, medium, straight sheath, 125 mm, classic handle	# 17-3020
1x Oval punch, straight sheath, 125 mm, classic handle	# 17-3063*
1x Duckbill punch, medium, upbiter, straight sheath, 125 mm, classic handle	# 17-3021
1x Scissor punch, straight sheath, 125 mm, classic handle	# 17-3032
1x Low Duckbill punch, medium, straight sheath, 125 mm, classic handle	# 17-3040
1x Low Duckbill punch, medium, upbiter, straight sheath, 125 mm, classic handle	# 17-3041
1x Basket punch, classic, upbiter, straight sheath, 125 mm, classic handle	# 17-3024*
1x Basket punch, classic, upswept sheath, 125 mm, classic handle	# 17-3028
1x Basket punch, 1.0 mm, blunt, straight sheath, 125 mm, classic handle	# 17-3031
1x Basket punch, slim line, upbiter, straight sheath, 125 mm, classic handle	# 17-3045
1x Posterior punch, upbiter, 125 mm, classic handle	# 17-3055
1x Basket punch, slim line, straight sheath, 125 mm, classic handle	# 17-3046*
1x Basket punch, slim line, upbiter, left curved, 125 mm, classic handle	# 17-3048
1x Basket punch, slim line, upbiter, right curved, 125 mm, classic handle	# 17-3049
1x Basket punch, slim line, upswept, 125 mm, classic handle	# 17-3050
1x Posterior punch, upswept, 125 mm, classic handle	# 17-3056
1x Posterior punch, straight sheath, 125 mm, classic handle	# 17-3057*
1x Posterior punch, left curved, 125 mm, classic handle	# 17-3058
1x Posterior punch, right curved, 125 mm, classic handle	# 17-3059
1x Alligator grasper, 3.2 mm, straight sheath, 125 mm, slide-lock handle	# 17-3015*
1x Hook probe, graduated, sheath straight, Ø 2.5 mm, 125 mm	# 17-1802
1x Grasper, 1x2 teeth, straight sheath, 125 mm, slide-lock handle	# 17-3014
1x 1/2 Container for 14 Arthroscopic punches, 285 x 280 x 135mm	# 17-1750CON



Hip Arthroscopy Set

Ordering Information and Recommendations

1 x 4k UHD Arthroscope, Ø 4 mm, 30°, 185 mm	# 17-1755HD
1 x 4k UHD Arthroscope, Ø 4 mm, 70°, 185 mm	# 17-1760HD
1 x Standard fiber light cable, Ø 3.5 mm, 2.3 m	# 11-1151
1 x Adaptor scope-side, Ackermann / Storz ¹ / Olympus ¹	# 11-1146-100
1 x Adaptor lightsource-side, Ackermann / Storz ¹	# 11-1146-200
1 x Universal sheath, 2 rotatable stopcocks, Ø 4 mm, 175 mm	# 17-1770
1 x Universal sheath, 1 rotatable stopcock, Ø 4 mm, 175 mm	# 17-1780
1 x Conical tip obturator, Ø 4 mm, 175 mm	# 17-1795
2 x Blunt tip obturator, Ø 4 mm, 175 mm	# 17-1790
1 x Banana knife, smooth, sheath straight, triangular handle	# 17-1806DK
1 x Hook probe, graduated, sheath straight, Ø 2.5 mm, triangular handle	# 17-1802DK
1 x Chondro pick, silicone handle, 25° angled tip, 215 mm	# 17-1838S-215-25
1 x Chondro pick, silicone handle, 60° angled tip, 215 mm	# 17-1838S-215-60
1 x Chondro pick, silicone handle, 90° angled tip, 215 mm	# 17-1838S-215-90
1 x Ring curette 10°, sheath straight, silicone handle, 215 mm	# 17-1814-6S-215
2 x Endoscope wire basket for 1 scope, with lid and scope fixation, 290 x 80 x 52 mm	# 15-1697
1 x 3/4 Container, bottom non-perforated, silver lid, 465 x 280 x 135 mm	# 50-1210.13
1 x 3/4 Container, wire basket, 400 x 250 x 50 mm	# 50-1290.05
2 x Identification Label, without engraving, silver	# 50-1820.00



Access Instrumentation

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Sheath Systems & Obturators

Key Features

- **Reliable, universal** coupling systems
- **Intuitive** actuation mechanism
- **Freely adjustable** continuous flows
- Ergonomic design
- Long durability due to the use of **high-quality stainless steels and polymers**



... more Features

- Easy cleaning due to detachable system
- Light-weight engineering
- "Easy to use" concept



Universal Sheaths

2 Rotatable Stopcocks



	For use with scope	Item no.
Universal sheath, 2 rotatable stopcocks	Ø 2.7 mm, 110 mm	17-1766
Universal sheath, 2 rotatable stopcocks	Ø 2.7 mm, 185 mm	17-1765
Universal sheath, 2 rotatable stopcocks	Ø 4 mm, 185 mm	17-1770

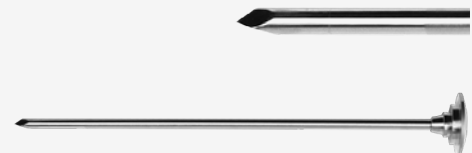
Universal Sheaths

1 Rotatable Stopcock



	For use with scope	Item no.
Universal sheath, 1 rotatable stopcock	Ø 2.7 mm, 185 mm	17-1795-27
Universal sheath, 1 rotatable stopcock	Ø 4 mm, 185 mm	17-1780

Pyramidal Tip Obturators



	For use with sheath	Item no.
Pyramidal tip obturator	17-1766	17-1771
Pyramidal tip obturator	17-1765, 17-1795-27	17-1784
Pyramidal tip obturator	17-1780	17-1785

Conical Tip Obturators



	For use with sheath	Item no.
Conical tip obturator	17-1766	17-1787
Conical tip obturator	17-1765, 17-1795-27	17-1794
Conical tip obturator	17-1780	17-1795

Blunt Tip Obturators



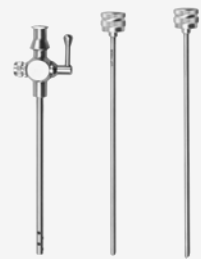
	Working length	Item no.
Blunt tip obturator	17-1766	17-1786
Blunt tip obturator	17-1765, 17-1795-27	17-1789
Blunt tip obturator	17-1780	17-1790

Changing Guide



	Diameter	Item no.
Changing guide, 350 mm	Ø 2.7 mm	17-1777
Changing guide, 350 mm	Ø 4 mm	17-1778

Irrigation Cannula Set with Stopcock



Irrigation cannula set, Ø 3.2 mm

Item no.

17-1791

Irrigation Cannula Set with Infusion Adapter



Irrigation cannula set, Ø 4.5 mm

Item no.

17-1796

Arthroscopes & Accessories

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Arthroscopes

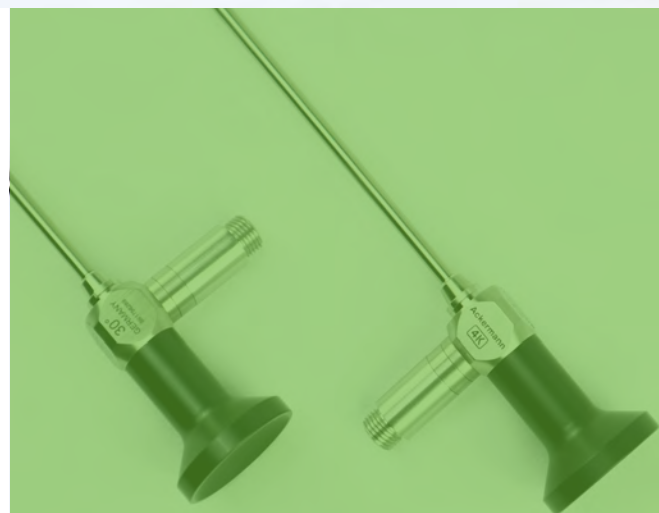
Key Features

- Available in **4k UHD, FullHD and standard resolution**
- **Sapphire glass lense** at proximal and distal end
- Nitrogen filled optical system to **avoid fogging** from the inside
- Three-tube construction for **more stability**
- Sealing by **laser welding** with **excellent** optical transmission
- **Autoclavable**

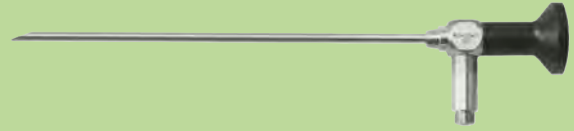


... more Features

- Made of high-quality stainless steel
- Sophisticated, anti-reflective optical system
- Powerful optical fibers
- Highly refractive lenses for optimum colour rendering even at high magnification
- Light cable adapters to Ackermann, Storz¹, Olympus¹, Wolf¹, ACMI¹
- High-quality glass cone for optimizing light input
- Standard C-Mount coupling
- Extremely precise centering of the optical and mechanical components for a brilliant and high-contrast image right up to the edge area the inside



4k UHD Arthroscopes



	Viewing angle	Item no.
4k UHD Arthroscope, Ø 4 mm, 185 mm	0 °	17-1750UHD
4k UHD Arthroscope, Ø 4 mm, 185 mm	30 °	17-1755UHD
4k UHD Arthroscope, Ø 4 mm, 185 mm	70 °	17-1760UHD

FullHD Arthroscopes



	Viewing angle	Item no.
FullHD Arthroscope, Ø 4 mm, 185 mm	0 °	17-1750HD
FullHD Arthroscope, Ø 4 mm, 185 mm	30 °	17-1755HD
FullHD Arthroscope, Ø 4 mm, 185 mm	70 °	17-1760HD

Standard Arthroscopes



	Diameter	Viewing angle	Length	Item no.
Standard Arthroscope	Ø 2.7 mm	0 °	110 mm	17-1752
Standard Arthroscope	Ø 2.7 mm	0 °	185 mm	17-1751
Standard Arthroscope	Ø 2.7 mm	30 °	110 mm	17-1757
Standard Arthroscope	Ø 2.7 mm	30 °	185 mm	17-1756
Standard Arthroscope	Ø 2.7 mm	70 °	185 mm	17-1761
Standard Arthroscope	Ø 4 mm	0 °	185 mm	17-1750
Standard Arthroscope	Ø 4 mm	30 °	185 mm	17-1755
Standard Arthroscope	Ø 4 mm	70 °	185 mm	17-1760

Fiber Light Cables & Adapters

Key Features

- No gaps between the fibers ensure **30% more light** in comparison to conventionally bundled fiber light cables
- Extremely **sturdy material but highly flexible** at the same time



... more Features

- Transverse pressure resistant
- Excellent bending property
- + Other colors and patterns on request



High-Performance Fiber Light Cables



	Length	Item no.
High-performance fiber light cable, Ø 4.8 mm	1.8 m	11-1168
High-performance fiber light cable, Ø 4.8 mm	2.3 m	11-1167
High-performance fiber light cable, Ø 4.8 mm	3 m	11-1161

Standard Fiber Light Cables



	Length	Item no.
Standard fiber light cable, Ø 3.5 mm	1.8 m	11-1150
Standard fiber light cable, Ø 3.5 mm	2.3 m	11-1151
Standard fiber light cable, Ø 3.5 mm	3 m	11-1152

Anti-Fogging Lube

For Use with Ackermann Scopes



	Item no.
Anti-fogging lube, UOM 30 pcs.	11-1121

Scope-side Adapters

	Ackermann / Storz ¹ / Olympus ¹	Type Wolf ¹	ACMI ¹ / Circon ¹ / Stryker ¹	Item no.
Scope-side adapter	•			11-1146-100
Scope-side adapter		•		11-1146-200
Scope-side adapter			•	11-1146-300

Lightsource-side Adapters

	Ackermann / Storz ¹	Wolf ¹	ACMI ¹ / Circon ¹ / Stryker ¹	Olympus ¹	Item no.
Lightsource-side adapter	•				11-1147-100
Lightsource-side adapter		•			11-1147-200
Lightsource-side adapter			•		11-1147-300
Lightsource-side adapter				•	11-1147-400

Light Cable Testers

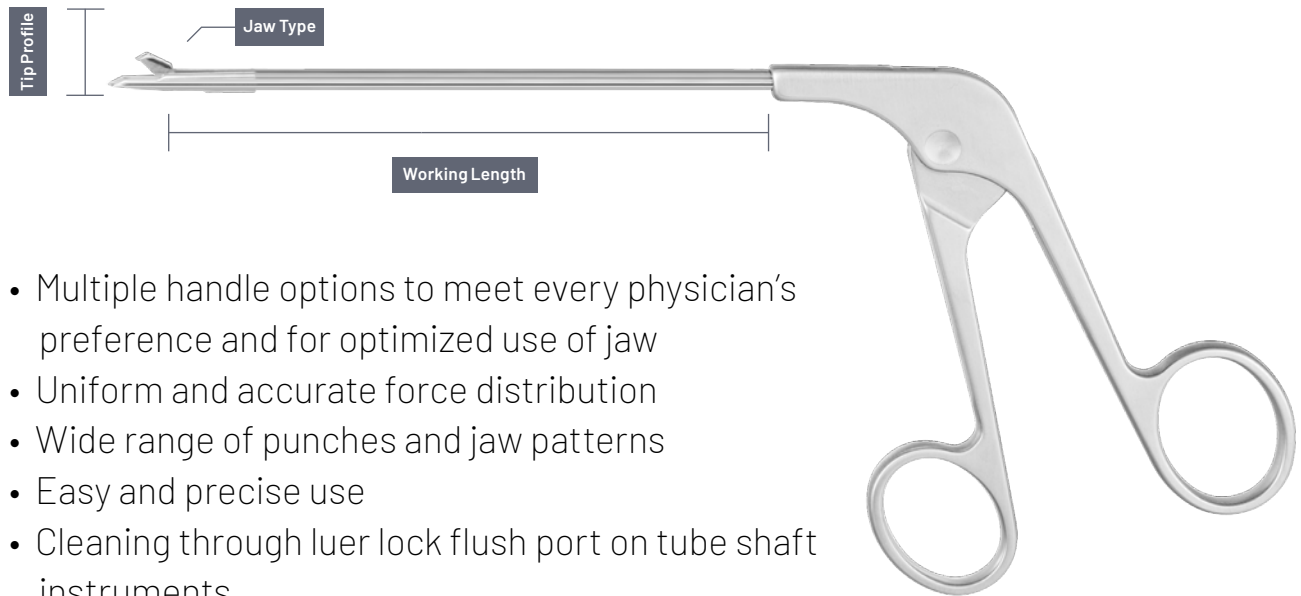


	Ackermann / Storz ¹	Type Wolf ¹	Olympus ¹	Item no.
Light cable tester	•			11-16000CB
Light cable tester		•		11-16000CBWOL
Light cable tester			•	11-16000CBOLY

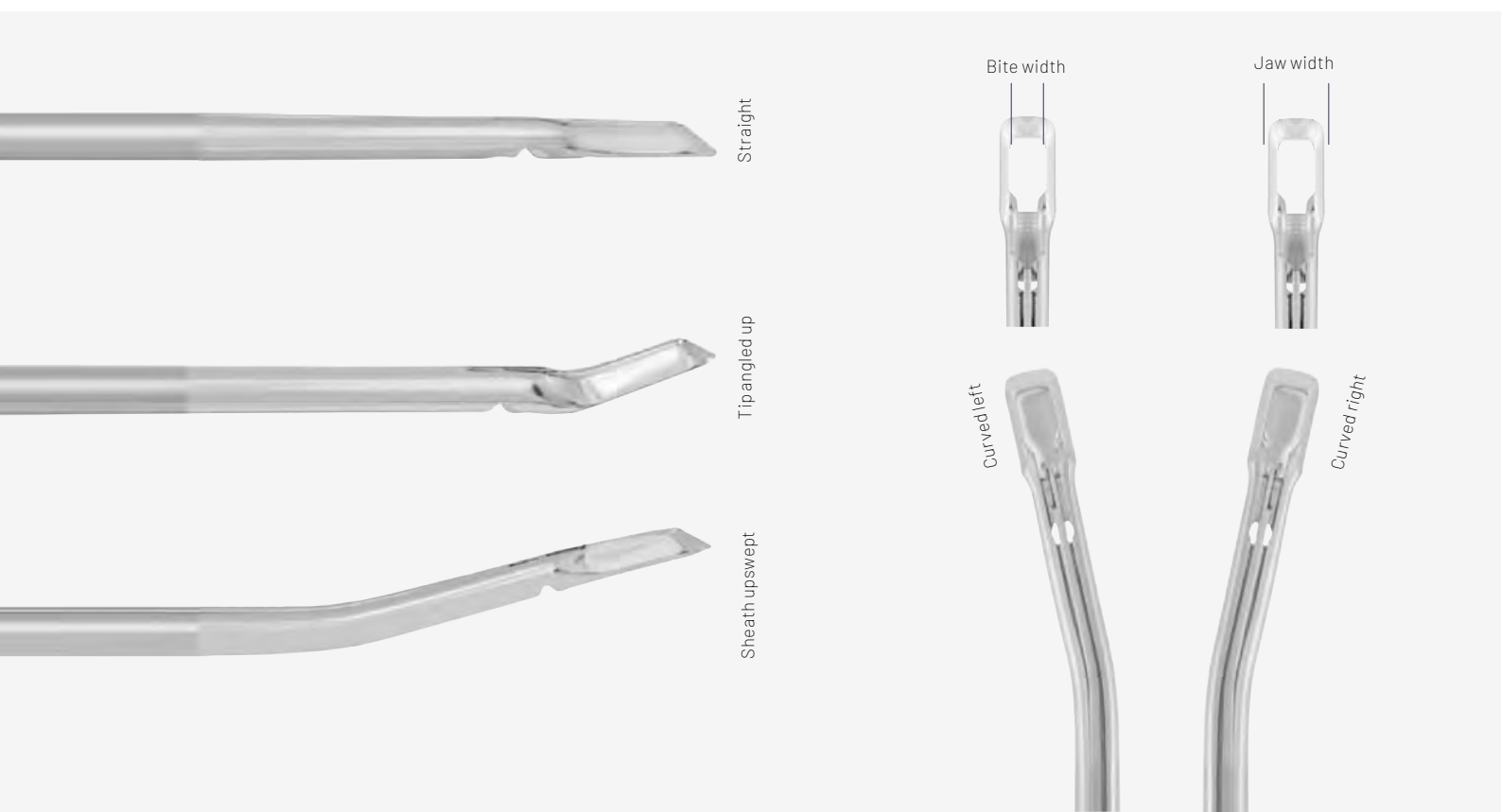


Arthroscopy Punches

Key Features



- Multiple handle options to meet every physician's preference and for optimized use of jaw
- Uniform and accurate force distribution
- Wide range of punches and jaw patterns
- Easy and precise use
- Cleaning through luer lock flush port on tube shaft instruments
- Maximum power transmission through a pinless joint guide
- Long durability due to the use of high-quality stainless steels and polymers
- Precise cutting pattern due to optimized punching gap dimensions in the jaw area



Comparison Chart

For Options of Punches based on the Application

		 Small Joint Arthroscopy p. 32	 Knee Arthroscopy p. 50	 Shoulder Arthroscopy p. 38	 Hip Arthroscopy p. 90
Working length		95 mm	125 mm / 130 mm	155 mm	220 mm
Classic handle		•	•	•	•
Slide-lock handle		•	•	•	•
Ergo handle		n/a	•	n/a	•
Handle with positioning		n/a	n/a	•	n/a
Cigar handle		n/a	•	n/a	•
Rotatable handle		n/a	•	n/a	n/a
Cylinder handle		n/a	n/a	•	n/a
Axial handle w/o ratchet		n/a	n/a	•	n/a
Axial handle with ratchet		n/a	n/a	•	n/a
Classic Luer Lock handle		n/a	•	n/a	n/a
Classic Luer Lock handle w. ratchet		n/a	•	n/a	n/a

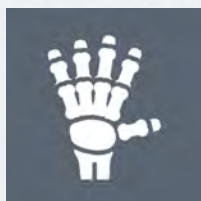
Small Joint Arthroscopy

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Scissors / **p. 37**





Small Joint Instruments

Key Features

- **Multiple handle options** to meet every physician's preference and for optimized use of jaw
- Uniform and accurate **force distribution**
- **Precise cutting pattern** due to optimized punching gap dimensions in the jaw area
- **Maximum power transmission** through a pinless joint guide
- Easy and precise use



... more Features

- Wide range of punches and jaw patterns
- Long durability due to the use of high-quality stainless steels and polymers
- Conveniently cleanable and reprocessable due to skeletonized design, easily accessible





Oval Punches Jr.



	Tip profile	Bite width	Jaw width	Sheath	Item no. Classic handle
Oval punch Jr., 95 mm	1.20 mm	2.30 mm	3.50 mm	straight *	17-3103
Oval punch Jr., 95 mm	1.20 mm	2.30 mm	3.50 mm	left curved	17-3104
Oval punch Jr., 95 mm	1.20 mm	2.30 mm	3.50 mm	right curved	17-3105

Basket Punch Jr.



	Tip profile	Bite width	Jaw width	Item no. Classic handle
Basket punch Jr., 95 mm	1.20 mm	2.30 mm	3.50 mm	17-3106

Basket Punch Jr., Upbiter



	Tip profile	Bite width	Jaw width	Item no. Classic handle
Basket punch Jr., upbiter, 95 mm	1.20 mm	2.30 mm	3.50 mm	17-3107

Basket Punch Jr., Blunt



	Tip profile	Bite width	Jaw width	Item no. Classic handle
Basket punch Jr., blunt, 95 mm	1.70 mm	1.70 mm	3.00 mm	17-3108

Grasper, Raptor Style Jr.



	Item no. Classic handle
Grasper, raptor style Jr., 95 mm	17-3110

Alligator Grasper Jr.



	Item no. Slide-lock handle
Alligator grasper Jr., 95 mm	17-3111

Alligator Grasper Jr., 1x2 Teeth



Item no.
Slide-lock handle

Alligator grasper Jr., 1x2 teeth, 95 mm

17-3112

Hook Scissors Jr.



Item no.
Classic handle

Hook scissors Jr., 95 mm

17-3109

Shoulder Arthroscopy

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Bird Beak / **p. 41**

Clever Hook / **p. 42**

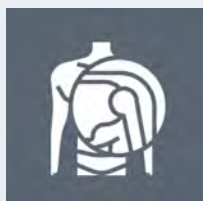
Sixter / **p. 43**

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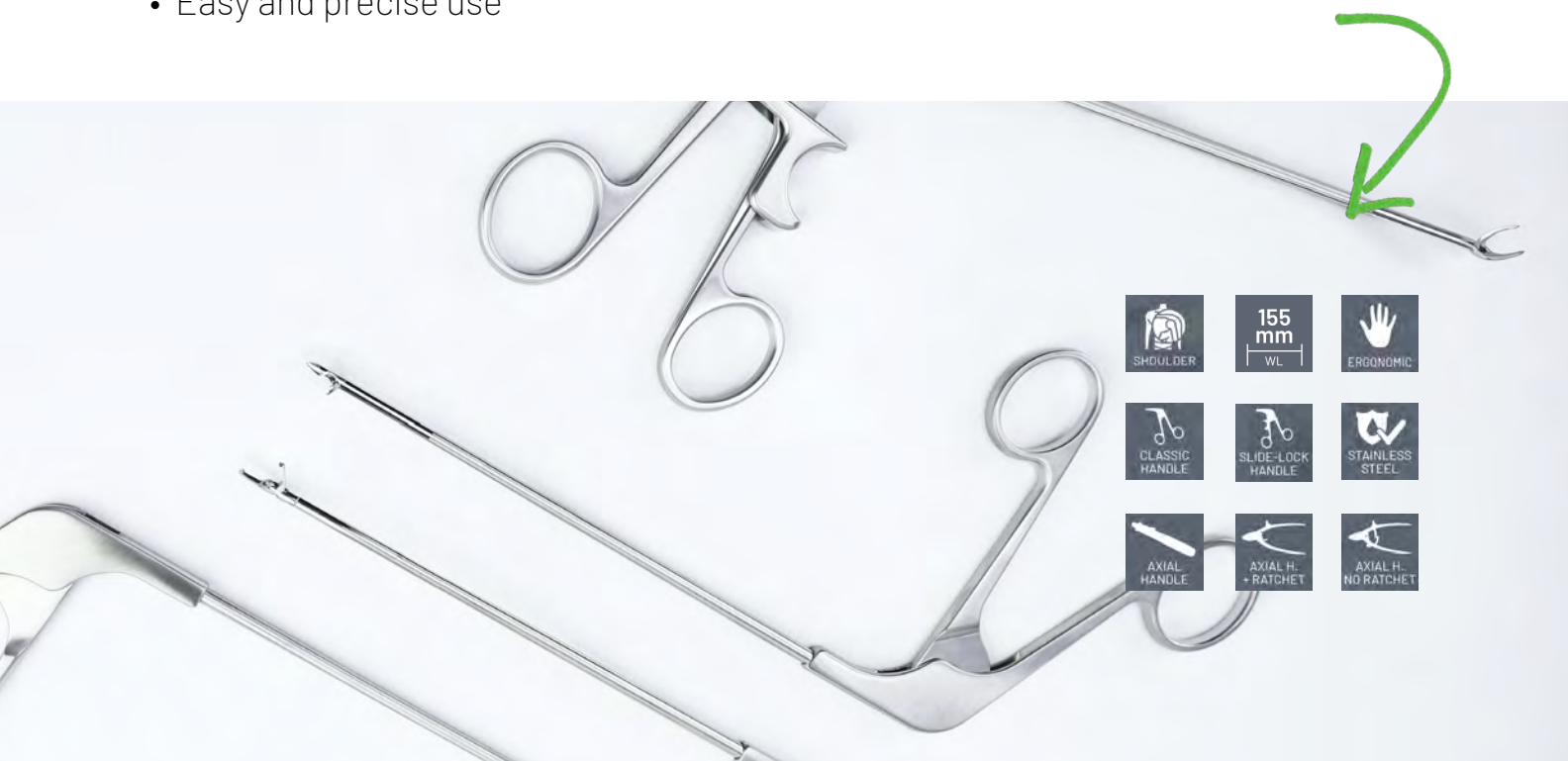




Shoulder Arthroscopy Instruments

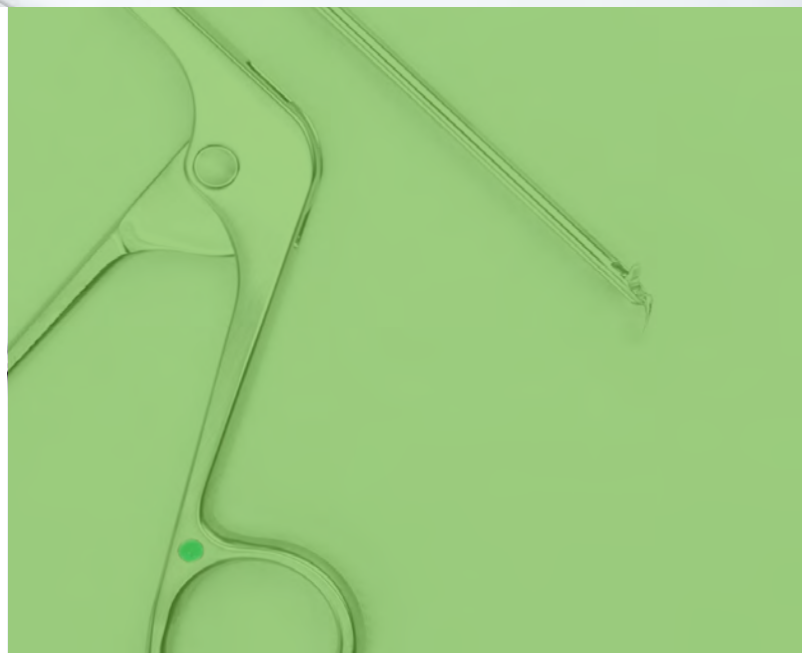
Key Features

- **Multiple handle options** to meet every physician's preference and for optimized use of jaw
- Uniform and accurate **force distribution**
- **Precise cutting pattern** due to optimized punching gap dimensions in the jaw area
- **Maximum power transmission** through a pinless joint guide
- Easy and precise use



... more Features

- Wide range of punches and jaw patterns
- Long durability due to the use of high-quality stainless steels and polymers
- Conveniently cleanable and reprocessable due to skeletonized design, easily accessible





Bird Beaks, Suture Hook



	Sheath	Item no.		
		Classic handle	Axial handle w/o ratchet	Cylinder handle
Bird beak, suture hook, tip straight, 155 mm	straight *	17-3113	17-3114	17-3115
Bird beak, suture hook, tip straight, 155 mm	15° upswept	17-3313	17-3314	17-3315



Bird Beaks, Suture Hook, Upbiter



	Jaw	Item no.		
		Classic handle	Axial handle w/o ratchet	Cylinder handle
Bird beak, suture hook, upbiter, 155 mm	45° angled left *	17-3116	17-3117	17-3118
Bird beak, suture hook, upbiter, 155 mm	45° angled right	17-3119	17-3120	17-3121



Bird Beaks, Suture Hook, Short Jaws



	Short jaw	Item no.		
		Classic handle	Axial handle w/o ratchet	Cylinder handle
Bird beak, suture hook, 155 mm	45° angled left *	17-3316	17-3317	17-3318
Bird beak, suture hook, 155 mm	45° angled right	17-3319	17-3320	17-3321



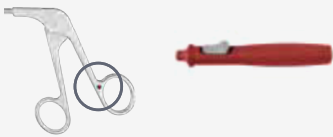
Bird Beaks, Suture Hook, Upbiter

				
	Jaw	Classic handle	Item no. Axial handle w/o ratchet	Cylinder handle
Bird beak , suture hook, 155 mm	20° upbiter *	17-3122	17-3123	17-3124
Bird beak , suture hook, 155 mm	40° upbiter	17-3125	17-3126	17-3127

Clever Hook, Suture Hook, Right

 				
		Item no.		
		Green classic handle	Green cylinder handle	
Clever hook , suture hook, jaws right curved, 155 mm		17-3130	17-3131	

Clever Hook, Suture Hook, Left

 				
		Item no.		
		Red classic handle	Red cylinder handle	
Clever hook , suture hook, jaws left curved, 155 mm		17-3334	17-3335	

Sixter, Suture Hook, Right



Sixter, suture hook, jaws right curved, 155 mm	Item no.	
	Green classic handle	Green cylinder handle
	17-3134	17-3135

Sixter, Suture Hook, Left



Sixter, suture hook, jaws left curved, 155 mm	Item no.	
	Red classic handle	Red cylinder handle
	17-3132	17-3133

Suture Retrival Grasper, Serrated



Suture retriwer grasper, serrated, 155 mm	Item no.		
	Classic handle	Slide-lock handle	Axial handle with ratchet
	17-3336	17-3136	17-3137

Suture Retrival Graspers, Serrated

				
		Jaw		
			Classic handle	Item no. Slide-lock handle
Suture retractor grasper , serrated, 155 mm	45° angled left *	17-3338	17-3138	17-3139
Suture retractor grasper , serrated, 155 mm	45° angled right	17-3340	17-3140	17-3141

Suture Retrival Grasper, Serrated

				
				
		Classic handle	Item no. Slide-lock handle	Axial handle with ratchet
Suture retractor grasper , serrated, 15° upbiter, 155 mm		17-3342	17-3142	17-3143

King Suture Retrival Graspers, Cross-Serrated

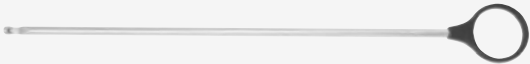
				
				
		Classic handle	Item no. Slide-lock handle	Axial handle with ratchet
King suture retractor grasper , cross-serrated, 155 mm		17-3344	17-3144	17-3145

Suture Manipulator



Suture manipulator, 155 mm	Item no.	
	Classic handle	Axial handle w/o ratchet
	17-3270	17-3271

Knot Pushers, Closed



Knot pusher, closed, 155 mm	Item no.
	17-3153

Suture Hook, Sliding



Suture hook, sliding, 155 mm	Item no.
	Handle with positioning
	17-3152

Suture Cutter, V-Shape



Suture cutter, v-shape, 155 mm	Item no.		
	Classic handle	Handle with positioning	Axial handle w/o ratchet
	17-3148	17-3348	17-3149

Tissue Grasping Forceps



Tissue grasping forceps, 155 mm	Item no.	
	Slide-lock handle	Axial handle with ratchet
	17-3146	17-3147

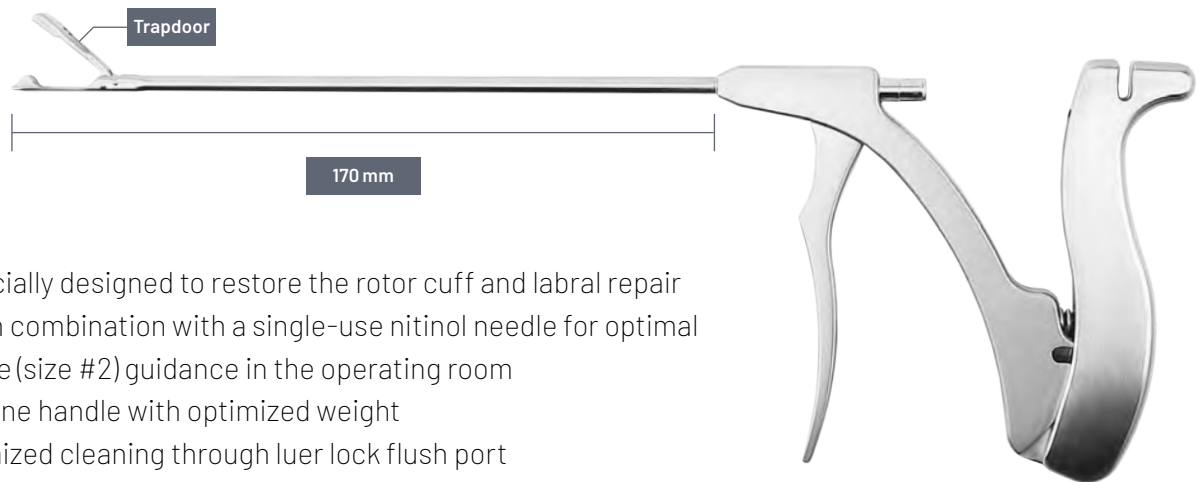


Click here or scan the QR-code to watch the complete instructional video!



Arthroscopy Suture Passer

Key Features



- Especially designed to restore the rotor cuff and labral repair
- Use in combination with a single-use nitinol needle for optimal suture (size #2) guidance in the operating room
- Slim line handle with optimized weight
- Optimized cleaning through luer lock flush port
- Easy puncturing of the tissue
- Available with and without finger ratchet
- Long finger handle for ergonomic safety activation of the jaws
- Trapdoor in top jaws for clamping the suture

Nitinol Needles

Key Features



- Bionically optimized needle tip for higher breakage resistance
- With protecting cap for the needle
- Available single-use, sterile (blue) or single-use, non-sterile (white)
- Ø 1.5 mm, 170 mm working length

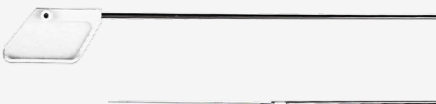


Suture Passers



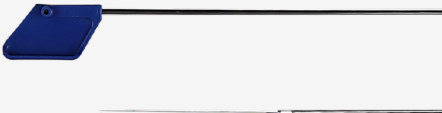
	Jaws	Item no.	
		Handle without ratchet	Handle with ratchet
Suture passer, 170 mm	straight	17-5001	17-5002
Suture passer, 170 mm	right	17-5003	17-5004

Nitinol Needle, Single-Use, Non-Sterile



Item no.
Single-use, non-sterile nitinol needle with protecting cap, white, Ø 1.5 mm, 170 mm
17-5101

Nitinol Needle, Single-Use, Sterile



Item no.
Single-use, sterile nitinol needle with protecting cap, blue, Ø 1.5 mm, 170 mm , UOM 6 pcs.
17-5101D

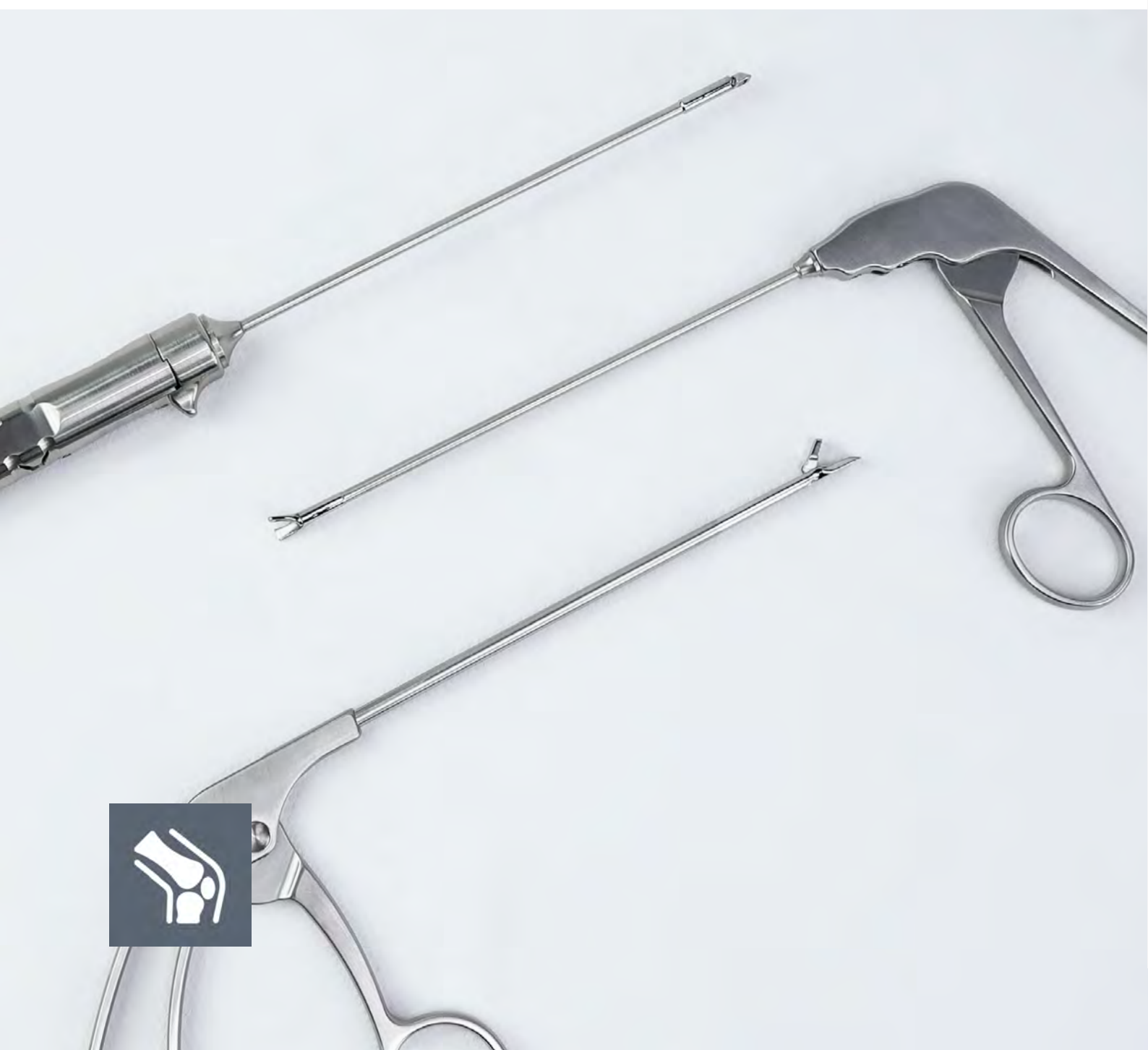
Knee Arthroscopy

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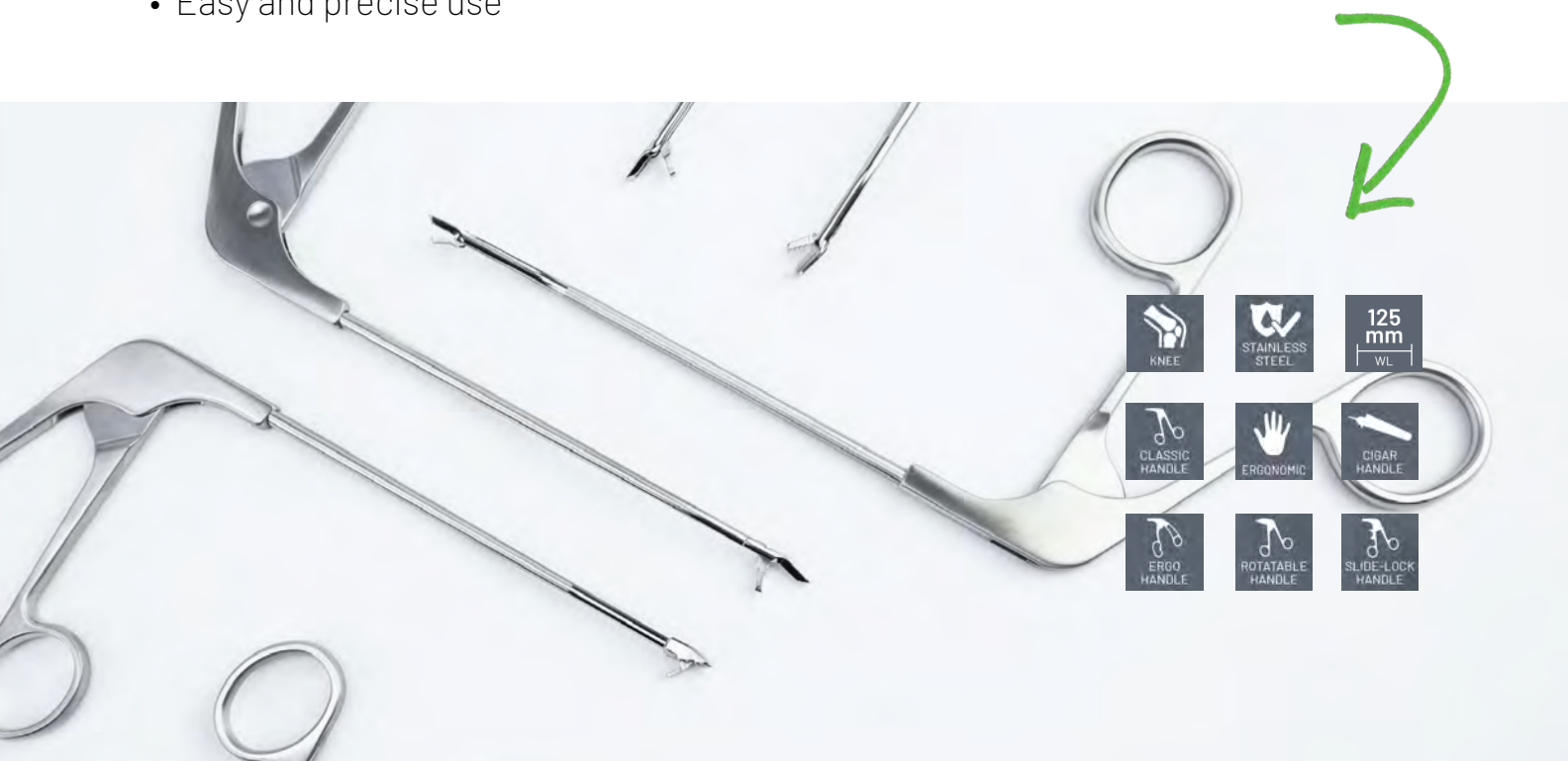




Slide Shaft Punches

Key Features

- **Multiple handle options** to meet every physician's preference and for optimized use of jaw
- Uniform and accurate **force distribution**
- **Precise cutting pattern** due to optimized punching gap dimensions in the jaw area
- **Maximum power transmission** through a pinless joint guide
- Easy and precise use



... more Features

- Wide range of punches and jaw patterns
- Long durability due to the use of high-quality stainless steels and polymers
- Conveniently cleanable and reprocessable due to skeletonized design, easily accessible





Duckbill Punches, Small



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Duckbill punch, small, 125 mm	straight *	2.52 mm	2.50 mm	4.15 mm	17-3215	17-3215ERG
Duckbill punch, small, 125 mm	upswept	2.52 mm	2.50 mm	4.15 mm	17-3225	17-3225ERG

Duckbill Punches, Small, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Duckbill punch, small, upbiter, 125 mm	straight *	2.52 mm	2.50 mm	4.15 mm	17-3216	17-3216ERG
Duckbill punch, small, upbiter, 125 mm	left curved	2.52 mm	2.50 mm	4.15 mm	17-3219	17-3219ERG
Duckbill punch, small, upbiter, 125 mm	right curved	2.52 mm	2.50 mm	4.15 mm	17-3220	17-3220ERG

Duckbill Punches, Medium



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Duckbill punch, medium, 125 mm	straight *	2.52 mm	3.20 mm	5.05 mm	17-3020	17-3020ERG
Duckbill punch, medium, 125 mm	left curved	2.52 mm	3.20 mm	5.05 mm	17-3212	17-3212ERG
Duckbill punch, medium, 125 mm	right curved	2.52 mm	3.20 mm	5.05 mm	17-3213	17-3213ERG
Duckbill punch, medium, 125 mm	upswept	2.52 mm	3.20 mm	5.05 mm	17-3016	17-3016ERG

Duckbill Punches, Medium, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Duckbill punch, medium, upbiter, 125 mm	straight *	2.52 mm	3.20 mm	5.05 mm	17-3021	17-3021ERG
Duckbill punch, medium, upbiter, 125 mm	left curved	2.52 mm	3.20 mm	5.05 mm	17-3022	17-3022ERG
Duckbill punch, medium, upbiter, 125 mm	right curved	2.52 mm	3.20 mm	5.05 mm	17-3023	17-3023ERG
Duckbill punch, medium, upbiter, 125 mm	upswept	2.52 mm	3.20 mm	5.05 mm	17-3210	17-3210ERG

Duckbill Punch, Large



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Duckbill punch, large, 125 mm	2.52 mm	4.50 mm	6.15 mm	17-3206	17-3206ERG

Duckbill Punch, Large, Upbiter



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Duckbill punch, large, upbiter, 125 mm	2.52 mm	4.50 mm	6.15 mm	17-3204	17-3204ERG



Basket Punches, Diagonal Cut, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch , diagonal cut, upbiter, 125 mm	left curved *	2.52 mm	3.20 mm	5.05 mm	17-3192	17-3192ERG
Basket punch , diagonal cut, upbiter, 125 mm	right curved	2.52 mm	3.20 mm	5.05 mm	17-3191	17-3191ERG

Low Duckbill Punches, Small



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Low Duckbill punch , small, 125 mm	straight *	1.93 mm	2.50 mm	4.15 mm	17-3227	17-3227ERG
Low Duckbill punch , small, 125 mm	left curved	1.93 mm	2.50 mm	4.15 mm	17-3228	17-3228ERG
Low Duckbill punch , small, 125 mm	right curved	1.93 mm	2.50 mm	4.15 mm	17-3218	17-3218ERG
Low Duckbill punch , small, 125 mm	upswept	1.93 mm	2.50 mm	4.15 mm	17-3226	17-3226ERG

Low Duckbill Punch, Small, Upbiter



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Low Duckbill punch , small, upbiter, 125 mm	1.93 mm	4.15 mm	4.15 mm	17-3217	17-3217ERG

Low Duckbill Punches, Medium



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Low Duckbill punch, medium, 125 mm	straight *	1.93 mm	3.20 mm	5.00 mm	17-3040	17-3070
Low Duckbill punch, medium, 125 mm	left curved	1.93 mm	3.20 mm	5.00 mm	17-3042	17-3042ERG
Low Duckbill punch, medium, 125 mm	right curved	1.93 mm	3.20 mm	5.00 mm	17-3211	17-3211ERG
Low Duckbill punch, medium, 125 mm	upswept	1.93 mm	3.20 mm	5.00 mm	17-3044	17-3044ERG

Low Duckbill Punches, Medium, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Low Duckbill punch, medium, upbiter, 125 mm	straight *	1.93 mm	3.20 mm	5.00 mm	17-3041	17-3041ERG
Low Duckbill punch, medium, upbiter, 125 mm	left curved	1.93 mm	3.20 mm	5.00 mm	17-3201	17-3201ERG
Low Duckbill punch, medium, upbiter, 125 mm	right curved	1.93 mm	3.20 mm	5.00 mm	17-3043	17-3043ERG
Low Duckbill punch, medium, upbiter, 125 mm	upswept	1.93 mm	3.20 mm	5.00 mm	17-3200	17-3200ERG

Low Duckbill Punches, Large



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Low Duckbill punch, large, 125 mm	straight *	1.93 mm	4.50 mm	6.15 mm	17-3198	17-3198ERG
Low Duckbill punch, large, 125 mm	left curved	1.93 mm	4.50 mm	6.15 mm	17-3199	17-3199ERG
Low Duckbill punch, large, 125 mm	right curved	1.93 mm	4.50 mm	6.15 mm	17-3196	17-3196ERG
Low Duckbill punch, large, 125 mm	upswept	1.93 mm	4.50 mm	6.15 mm	17-3197	17-3197ERG



Low Duckbill Punch, Large, Upbiter



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Low Duckbill punch, large, upbiter, 125 mm	1.93 mm	4.50 mm	6.15 mm	17-3195	17-3195ERG

Low Duckbill Punch, Elevator



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Low Duckbill punch, elevator, 125 mm	1.93 mm	3.20 mm	5.00 mm	17-3194	17-3194ERG

Basket Punches, Slim Line



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch, slim line, 125 mm	straight *	1.90 mm	1.80 mm	2.89 mm	17-3046	17-3046ERG
Basket punch, slim line, 125 mm	upswept	1.90 mm	1.80 mm	2.89 mm	17-3050	17-3050ERG

Basket Punches, Slim Line, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch, slim line, upbiter, 125 mm	straight *	1.90 mm	1.80 mm	2.89 mm	17-3045	17-3045ERG
Basket punch, slim line, upbiter, 125 mm	left curved	1.90 mm	1.80 mm	2.89 mm	17-3048	17-3048ERG
Basket punch, slim line, upbiter, 125 mm	right curved	1.90 mm	1.80 mm	2.89 mm	17-3049	17-3049ERG

Basket Punches, Slim Line



	Jaw	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch, slim line, 125 mm	45° left angled *	1.50 mm	1.80 mm	2.89 mm	17-3236	17-3236ERG
Basket punch, slim line, 125 mm	45° right angled	1.50 mm	1.80 mm	2.89 mm	17-3237	17-3237ERG

Basket Punches, Classic



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch, classic, 125 mm	straight *	1.10 mm	1.80 mm	3.25 mm	17-3025	17-3025ERG
Basket punch, classic, 125 mm	upswept	1.10 mm	1.80 mm	3.25 mm	17-3235	17-3235ERG
Basket punch, classic, 125 mm	left curved	1.30 mm	1.80 mm	3.25 mm	17-3036	17-3036ERG
Basket punch, classic, 125 mm	right curved	1.30 mm	1.80 mm	3.25 mm	17-3037	17-3037ERG



Basket Punches, Classic, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch , classic, upbiter, 125 mm	straight *	1.60 mm	1.80 mm	3.27 mm	17-3026	17-3026ERG
Basket punch , classic, upbiter, 125 mm	left curved	1.60 mm	1.80 mm	3.27 mm	17-3038	17-3038ERG
Basket punch , classic, upbiter, 125 mm	right curved	1.60 mm	1.80 mm	3.27 mm	17-3039	17-3039ERG

Basket Punches, Classic



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch , classic, 125 mm	upswept *	1.30 mm	1.80 mm	3.50 mm	17-3027	17-3027ERG
Basket punch , classic, 125 mm	straight	1.60 mm	1.80 mm	3.50 mm	17-3030	17-3030ERG

Basket Punches, Slim Line



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch , slim line, 125 mm	straight *	1.90 mm	1.80 mm	2.89 mm	17-3046	17-3046ERG
Basket punch , slim line, 125 mm	upswept	1.90 mm	1.80 mm	2.89 mm	17-3050	17-3050ERG

Basket Punch, Classic, Downbiter



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Basket punch, classic, downbiter, 125 mm	1.30 mm	1.80 mm	3.27 mm	17-3029	17-3029ERG

Basket Punches, Classic



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch, classic, 125 mm	upswept *	1.60 mm	1.80 mm	3.88 mm	17-3028	17-3028ERG
Basket punch, classic, 125 mm	straight	2.50 mm	1.80 mm	3.58 mm	17-3018	17-3018ERG
Basket punch, classic, 125 mm	straight	3.00 mm	1.80 mm	3.76 mm	17-3019	17-3019ERG

Basket Punch, Classic, Upbiter



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Basket punch, classic, upbiter, 125 mm	2.28 mm	1.70 mm	3.88 mm	17-3024	17-3024ERG



Basket Punch, Short Cut



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Basket punch, short cut, 125 mm	1.83 mm	1.80 mm	3.32 mm	17-3234	17-3234ERG

Oval Punches



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Oval punch, 125 mm	straight *	1.65 mm	4.40 mm	6.57 mm	17-3063	17-3068
Oval punch, 125 mm	left curved	1.65 mm	4.40 mm	6.57 mm	17-3064	17-3064ERG
Oval punch, 125 mm	right curved	1.65 mm	4.40 mm	6.57 mm	17-3065	17-3065ERG
Oval punch, 125 mm	upswept	1.65 mm	4.40 mm	6.57 mm	17-3066	17-3066ERG

Oval Punches, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Oval punch, upbiter, 125 mm	straight *	1.65 mm	4.40 mm	6.57 mm	17-3062	17-3069
Oval punch, upbiter, 125 mm	left curved	1.65 mm	4.40 mm	6.57 mm	17-3245	17-3245ERG
Oval punch, upbiter, 125 mm	right curved	1.65 mm	4.40 mm	6.57 mm	17-3246	17-3246ERG
Oval punch, upbiter, 125 mm	upswept	1.65 mm	4.40 mm	6.57 mm	17-3247	17-3247ERG

Meniscal Elevator



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Meniscal elevator, 125 mm	1.90 mm	1.80 mm	3.20 mm	17-3053	17-3053ERG

Meniscal Elevator, Upbiter



	Tip profile	Bite width	Tip width	Item no.	
				Classic handle	Ergo handle
Meniscal elevator, upbiter, 125 mm	1.90 mm	1.80 mm	3.20 mm	17-3054	17-3054ERG

Basket Punches, Blunt



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Basket punch, blunt, 125 mm	straight *	1.83 mm	1.80 mm	3.32 mm	17-3031	17-3031ERG
Basket punch, blunt, 125 mm	upswept	1.83 mm	1.80 mm	3.32 mm	17-3238	17-3238ERG
Basket punch, blunt, 125 mm	left curved	1.83 mm	1.80 mm	3.32 mm	17-3240	17-3240ERG
Basket punch blunt, 125 mm	right curved	1.83 mm	1.80 mm	3.32 mm	17-3241	17-3241ERG



Posterior Punches



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Posterior punch, 125 mm	straight *	2.46 mm	2.20 mm	4.00 mm	17-3057	17-3057ERG
Posterior punch, 125 mm	left curved	2.46 mm	2.20 mm	4.00 mm	17-3058	17-3058ERG
Posterior punch, 125 mm	right curved	2.46 mm	2.20 mm	4.00 mm	17-3059	17-3059ERG
Posterior punch, 125 mm	upswept	2.46 mm	2.20 mm	4.00 mm	17-3056	17-3056ERG

Posterior Punches, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Posterior punch, upbiter, 125 mm	straight *	2.46 mm	2.20 mm	4.00 mm	17-3055	17-3055ERG
Posterior punch, upbiter, 125 mm	left curved	2.46 mm	2.20 mm	4.00 mm	17-3250	17-3250ERG
Posterior punch, upbiter, 125 mm	right curved	2.46 mm	2.20 mm	4.00 mm	17-3251	17-3251ERG

Backbiters



	Cut	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Backbiter, 125 mm	left cut	3.93 mm	2.30 mm	5.58 mm	17-3052	17-3052ERG
Backbiter, 125 mm	right cut *	3.93 mm	2.30 mm	5.58 mm	17-3051	17-3051ERG

Rotary Basket Punches



	Jaw	Tip profile	Bite width	Tip width	Item no.	
					Rotatable handle	Cigar handle
Rotary basket punch	90° left	1.60 mm	2.20 mm	4.10 mm	17-3072	17-3008
Rotary basket punch	90° right	1.60 mm	2.20 mm	4.10 mm	17-3073	17-3009
Rotary basket punch	90° left *	1.60 mm	3.40 mm	5.30 mm	17-3082	17-3006
Rotary basket punch	90° right	1.60 mm	3.40 mm	5.30 mm	17-3083	17-3007

Scissor Punches



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Scissor punch, 125 mm	straight *	2.20 mm	1.10 mm	2.80 mm	17-3032	17-3032ERG
Scissor punch, 125 mm	left curved	2.20 mm	1.10 mm	2.80 mm	17-3262	17-3262ERG
Scissor punch, 125 mm	right curved	2.20 mm	1.10 mm	2.80 mm	17-3263	17-3263ERG

Scissor Punches, Upbiter



	Sheath	Tip profile	Bite width	Tip width	Item no.	
					Classic handle	Ergo handle
Scissor punch, upbiter, 125 mm	straight	2.20 mm	1.10 mm	2.80 mm	17-3033	17-3033ERG
Scissor punch, upbiter, 125 mm	left curved *	2.20 mm	1.10 mm	2.80 mm	17-3034	17-3034ERG
Scissor punch, upbiter, 125 mm	right curved	2.20 mm	1.10 mm	2.80 mm	17-3035	17-3035ERG



Hook Scissors



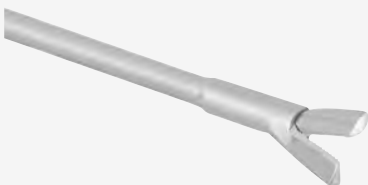
	Sheath	Item no.	
		Classic handle	Ergo handle
Hook scissors, 125 mm	straight *	17-3190	17-3190ERG
Hook scissors, 125 mm	12° left	17-3230	17-3230ERG
Hook scissors, 125 mm	12° right	17-3231	17-3231ERG

Rotary Scissors, 20°



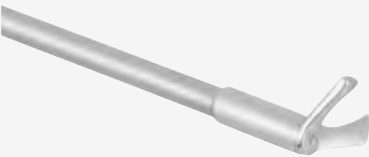
	Jaw	Item no.	
		Rotatable handle	Cigar handle
Rotary scissors, 125 mm	20° left angled	17-3071	17-3000
Rotary scissors, 125 mm	20° right angled *	17-3260	17-3001

Rotary Scissors, Serrated, 20°



	Jaw	Item no.	
		Rotatable handle	Cigar handle
Rotary scissors, serrated, 125 mm	20° left angled	17-3257	17-3004
Rotary scissors, serrated, 125 mm	20° right angled *	17-3258	17-3005

Rotary Scissors, 60°



	Jaw	Item no.	
		Rotatable handle	Cigar handle
Rotary scissors, 125 mm	60° left angled *	17-3255	17-3002
Rotary scissors, 125 mm	60° right angled	17-3256	17-3003

Grasper, Raptor-Style



		Item no.		
		Classic handle	Ergo handle	Slide-lock handle
Grasper, raptor-style, 125 mm		17-3060	17-3060ERG	17-3280

Grasper, 1x2 Teeth



		Item no.	
		Classic handle	Slide-lock handle
Grasper, 1x2 teeth, 125 mm		17-3214	17-3014



Graspers, Cupped, Serrated



	Jaw width	Item no.	
		Classic handle	Slide-lock handle
Graspers, cupped, serrated, 125 mm	2.7 mm *	17-4025	17-3010
Graspers, cupped, serrated, 125 mm	3.4 mm	17-4026	17-3011

Alligator Graspers



	Sheath	Item no.	
		Classic handle	Slide-lock handle
Alligator graspers, 2.7 mm, 125 mm	straight *	17-3182	17-3183
Alligator graspers, 2.7 mm, 125 mm	upswept	17-3184	17-3185

Alligator Graspers, Upbiter



	Sheath	Item no.	
		Classic handle	Slide-lock handle
Alligator graspers, 2.7 mm, upbiter, 125 mm	straight *	17-3180	17-3012
Alligator graspers, 2.7 mm, upbiter, 125 mm	upswept	17-3181	17-3013

Alligator Graspers



	Sheath	Item no.	
		Classic handle	Slide-lock handle
Alligator grasper, 3.2 mm jaw width, 125 mm	straight *	17-3188	17-3015
Alligator grasper, 3.2 mm jaw width, 125 mm	upswept	17-3189	17-3187

Tissue Graspers



	Channel	Item no.	
		Classic handle	Slide-lock handle
Tissue grasper, 125 mm	w/o *	17-3275	17-3276
Tissue grasper, 125 mm	with 2 mm	17-3273	17-3274

Axial Grasping Forceps



	Jaw	Item no.
		Handle with ratchet
Axial grasping forceps, 1x2 teeth, with ratchet, 190 mm	straight	17-1860
Axial grasping forceps, 1x2 teeth, with ratchet, 190 mm	left curved *	17-1870
Axial grasping forceps, 1x2 teeth, with ratchet, 190 mm	right curved	17-1865



Tube Shaft Punches

Key Features

- **Multiple handle options** to meet every physician's preference and for optimized use of jaw
- Uniform and accurate **force distribution**
- **Optimized and efficient cleaning** due to conveniently positioned flush port
- **Long durability** due to the use of high-quality stainless steels and polymers



... more Features

- Easy and precise use
- Wide range of punches and jaw patterns





Basket Punches



	Sheath	Bite width	Item no.	
			Ø 2.7 mm	Ø 3.5 mm
Basket punch, 130 mm	straight *	1.6 mm	17-4310	17-4110
Basket punch, 130 mm	30° right curved	1.6 mm	17-4311	17-4111
Basket punch, 130 mm	30° left curved	1.6 mm	17-4312	17-4112
Basket punch, 130 mm	45° right curved	1.6 mm	17-4313	17-4113
Basket punch, 130 mm	45° left curved	1.6 mm	17-4314	17-4114
Basket punch, 130 mm	7° upswept	1.6 mm	17-4315	17-4115
Basket punch, 130 mm	7° downswept	1.6 mm	17-4316	17-4116
Basket punch, 130 mm	15° upswept	1.6 mm	17-4317	17-4117
Basket punch, 130 mm	15° downswept	1.6 mm	17-4318	17-4118

Basket Punches, Blunt



	Sheath	Bite width	Item no.	
			Ø 2.7 mm	Ø 3.5 mm
Basket punch, blunt, 130 mm	straight *	1.6 mm	17-4320	17-4120
Basket punch, blunt, 130 mm	30° right curved	1.6 mm	17-4321	17-4121
Basket punch, blunt, 130 mm	30° left curved	1.6 mm	17-4322	17-4122
Basket punch, blunt, 130 mm	45° right curved	1.6 mm	17-4323	17-4123
Basket punch, blunt, 130 mm	45° left curved	1.6 mm	17-4324	17-4124
Basket punch, blunt, 130 mm	7° upswept	1.6 mm	17-4325	17-4125
Basket punch, blunt, 130 mm	7° downswept	1.6 mm	17-4326	17-4126
Basket punch, blunt, 130 mm	15° upswept	1.6 mm	17-4327	17-4127
Basket punch, blunt, 130 mm	15° downswept	1.6 mm	17-4328	17-4128

Basket Punches, Jaws Angled



	Jaws	Bite width	Item no.
			Ø 3.5 mm
Basket punch, jaws angled, 130 mm	45° left angled *	1.6 mm	17-4130
Basket punch, jaws angled, 130 mm	45° right angled	1.6 mm	17-4132

Basket Punches, Jaws Angled, Small



	Jaws	Bite width	Item no.
			Ø 3.5 mm
Basket punch, jaws angled, small, 130 mm	90° left angled	1.6 mm	17-4135
Basket punch, jaws angled, small, 130 mm	90° right angled *	1.6 mm	17-4137

Basket Punches, Jaws Angled, Blunt



	Jaws	Bite width	Item no.
			Ø 3.5 mm
Basket punch, jaws angled, blunt, 130 mm	45° left angled *	1.6 mm	17-4140
Basket punch, jaws angled, blunt, 130 mm	45° right angled	1.6 mm	17-4142



Basket Punches, Jaws Angled, Blunt, Small



	Jaws	Bite width	Item no. Ø 3.5 mm
Basket punch , jaws angled, blunt, small, 130 mm	90° left angled	1.6 mm	17-4145
Basket punch , jaws angled, blunt, small, 130 mm	90° right angled *	1.6 mm	17-4147

Duckbill Punches, Slim, Blunt



	Jaws	Bite width	Item no. Ø 3.5 mm
Duckbill punch , slim, blunt, 130 mm	straight *	2.5 mm	17-4150
Duckbill punch , slim, blunt, 130 mm	30° right curved	2.5 mm	17-4151
Duckbill punch , slim, blunt, 130 mm	30° left curved	2.5 mm	17-4152
Duckbill punch , slim, blunt, 130 mm	45° right curved	2.5 mm	17-4153
Duckbill punch , slim, blunt, 130 mm	45° left curved	2.5 mm	17-4154
Duckbill punch , slim, blunt, 130 mm	7° upswept	2.5 mm	17-4155
Duckbill punch , slim, blunt, 130 mm	7° downswept	2.5 mm	17-4156
Duckbill punch , slim, blunt, 130 mm	15° upswept	2.5 mm	17-4157
Duckbill punch , slim, blunt, 130 mm	15° downswept	2.5 mm	17-4158

Duckbill Punches, Medium



	Sheath	Bite width	Item no. Ø 3.5 mm
Duckbill punch, medium, 130 mm	straight *	3.5 mm	17-4160
Duckbill punch, medium, 130 mm	30° right curved	3.5 mm	17-4161
Duckbill punch, medium, 130 mm	30° left curved	3.5 mm	17-4162
Duckbill punch, medium, 130 mm	45° right curved	3.5 mm	17-4163
Duckbill punch, medium, 130 mm	45° left curved	3.5 mm	17-4164
Duckbill punch, medium, 130 mm	7° upswept	3.5 mm	17-4165
Duckbill punch, medium, 130 mm	7° downswept	3.5 mm	17-4166
Duckbill punch, medium, 130 mm	15° upswept	3.5 mm	17-4167
Duckbill punch, medium, 130 mm	15° downswept	3.5 mm	17-4168

Duckbill Punches, Large



	Sheath	Bite width	Item no. Ø 3.5 mm
Duckbill punch, large, 130 mm	straight *	4.5 mm	17-4170
Duckbill punch, large, 130 mm	30° right curved	4.5 mm	17-4171
Duckbill punch, large, 130 mm	30° left curved	4.5 mm	17-4172
Duckbill punch, large, 130 mm	45° right curved	4.5 mm	17-4173
Duckbill punch, large, 130 mm	45° left curved	4.5 mm	17-4174
Duckbill punch, large, 130 mm	7° upswept	4.5 mm	17-4175
Duckbill punch, large, 130 mm	7° downswept	4.5 mm	17-4176
Duckbill punch, large, 130 mm	15° upswept	4.5 mm	17-4177
Duckbill punch, large, 130 mm	15° downswept	4.5 mm	17-4178



Posterior Duckbill Punches, Slim, Blunt



	Sheath	Bite width	Item no. Ø 3.5 mm
Posterior Duckbill punch, slim, blunt, 130 mm	straight *	2.5 mm	17-4200
Posterior Duckbill punch, slim, blunt, 130 mm	30° right curved	2.5 mm	17-4201
Posterior Duckbill punch, slim, blunt, 130 mm	30° left curved	2.5 mm	17-4202
Posterior Duckbill punch, slim, blunt, 130 mm	45° right curved	2.5 mm	17-4203
Posterior Duckbill punch, slim, blunt, 130 mm	45° left curved	2.5 mm	17-4204
Posterior Duckbill punch, slim, blunt, 130 mm	7° upswept	2.5 mm	17-4205
Posterior Duckbill punch, slim, blunt, 130 mm	7° downswept	2.5 mm	17-4206
Posterior Duckbill punch, slim, blunt, 130 mm	15° upswept	2.5 mm	17-4207
Posterior Duckbill punch, slim, blunt, 130 mm	15° downswept	2.5 mm	17-4208

Posterior Duckbill Punches, Medium



	Sheath	Bite width	Item no. Ø 3.5 mm
Posterior Duckbill punch, medium, 130 mm	straight *	3.5 mm	17-4180
Posterior Duckbill punch, medium, 130 mm	30° right curved	3.5 mm	17-4181
Posterior Duckbill punch, medium, 130 mm	30° left curved	3.5 mm	17-4182
Posterior Duckbill punch, medium, 130 mm	45° right curved	3.5 mm	17-4183
Posterior Duckbill punch, medium, 130 mm	45° left curved	3.5 mm	17-4184
Posterior Duckbill punch, medium, 130 mm	7° upswept	3.5 mm	17-4185
Posterior Duckbill punch, medium, 130 mm	7° downswept	3.5 mm	17-4186
Posterior Duckbill punch, medium, 130 mm	15° upswept	3.5 mm	17-4187
Posterior Duckbill punch, medium, 130 mm	15° downswept	3.5 mm	17-4188

Posterior Duckbill Punches, Large



	Sheath	Bite width	Item no. Ø 3.5 mm
Posterior Duckbill punch, large, 130 mm	straight *	4.5 mm	17-4190
Posterior Duckbill punch, large, 130 mm	30° right curved	4.5 mm	17-4191
Posterior Duckbill punch, large, 130 mm	30° left curved	4.5 mm	17-4192
Posterior Duckbill punch, large, 130 mm	45° right curved	4.5 mm	17-4193
Posterior Duckbill punch, large, 130 mm	45° left curved	4.5 mm	17-4194
Posterior Duckbill punch, large, 130 mm	7° upswept	4.5 mm	17-4195
Posterior Duckbill punch, large, 130 mm	7° downswept	4.5 mm	17-4196
Posterior Duckbill punch, large, 130 mm	15° upswept	4.5 mm	17-4197
Posterior Duckbill punch, large, 130 mm	15° downswept	4.5 mm	17-4198

Scissor Punches "Slender"



	Sheath	Bite width	Item no. Ø 3.5 mm
Scissor punch "Slender", 130 mm	straight *	0.8 mm	17-4210
Scissor punch "Slender", 130 mm	30° right curved	0.8 mm	17-4211
Scissor punch "Slender", 130 mm	30° left curved	0.8 mm	17-4212
Scissor punch "Slender", 130 mm	45° right curved	0.8 mm	17-4213
Scissor punch "Slender", 130 mm	45° left curved	0.8 mm	17-4214
Scissor punch "Slender", 130 mm	7° upswept	0.8 mm	17-4215
Scissor punch "Slender", 130 mm	7° downswept	0.8 mm	17-4216
Scissor punch "Slender", 130 mm	15° upswept	0.8 mm	17-4217
Scissor punch "Slender", 130 mm	15° downswept	0.8 mm	17-4218



Posterior Scissor Punches "Slender"



	Sheath	Bite width	Item no. Ø 3.5 mm
Posterior scissor punch "Slender", 130 mm	straight *	0.8 mm	17-4220
Posterior scissor punch "Slender", 130 mm	30° right curved	0.8 mm	17-4221
Posterior scissor punch "Slender", 130 mm	30° left curved	0.8 mm	17-4222
Posterior scissor punch "Slender", 130 mm	45° right curved	0.8 mm	17-4223
Posterior scissor punch "Slender", 130 mm	45° left curved	0.8 mm	17-4224
Posterior scissor punch "Slender", 130 mm	7° upswept	0.8 mm	17-4225
Posterior scissor punch "Slender", 130 mm	7° downswept	0.8 mm	17-4226
Posterior scissor punch "Slender", 130 mm	15° upswept	0.8 mm	17-4227
Posterior scissor punch "Slender", 130 mm	15° downswept	0.8 mm	17-4228

Hook Scissors



	Sheath	Item no.	
		Ø 2.7 mm	Ø 3.5 mm
Hook scissors, 130 mm	straight *	17-4430	17-4230
Hook scissors, 130 mm	30° right curved	17-4431	17-4231
Hook scissors, 130 mm	30° left curved	17-4432	17-4232
Hook scissors, 130 mm	45° right curved	17-4433	17-4233
Hook scissors, 130 mm	45° left curved	17-4434	17-4234
Hook scissors, 130 mm	7° upswept	17-4435	17-4235
Hook scissors, 130 mm	7° downswept	17-4436	17-4236
Hook scissors, 130 mm	15° upswept	17-4437	17-4237
Hook scissors, 130 mm	15° downswept	17-4438	17-4238

Hook Scissors, Jaws Angled



	Jaws	Item no. Ø 3.5 mm
Hook scissors, jaws angled, 130 mm	45° left angled *	17-4240
Hook scissors, jaws angled, 130 mm	45° right angled	17-4241

Alligator Graspers



	Jaw width	Item no.	
		Handle w/o ratchet	Handle with ratchet
Alligator grasper, 130 mm	2.7 mm	17-4292	17-4291
Alligator grasper, 130 mm	3.5 mm	17-4092	17-4091

Grasper, 1x2 Teeth



	Jaw width	Item no.	
		Handle w/o ratchet	Handle with ratchet
Grasper, 1x2 teeth, 130 mm	3.5 mm	17-4294	17-4293

Biopsy & Grasping Forceps



	Jaw width	Item no.	
		Handle w/o ratchet	Handle with ratchet
Biopsy & Grasping Forceps, 130 mm	3.5 mm	17-4296	17-4295

ACL / PCL Reconstruction

Tray Specifications

TRAY A

- Drill Guide System
- Tunnel Dilators
- Cannulated Tibial Reamers
- Cannulated Femoral Reamers
- Endoscopic Reamers
- Guide Wire Screws

TRAY B

- Microfracture Chondro Picks
- Impactors
- Transtibial Femoral Aimer
- PCL Rasp and Elevators
- Tendon Strippers
- Arthroscopic Probes

TRAY C

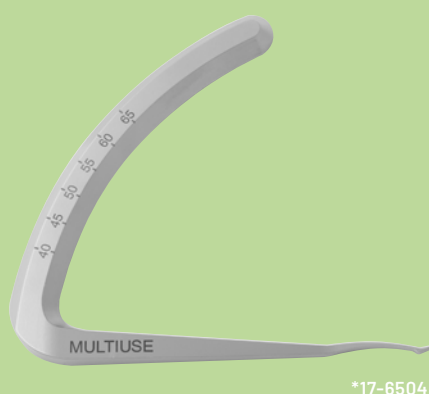
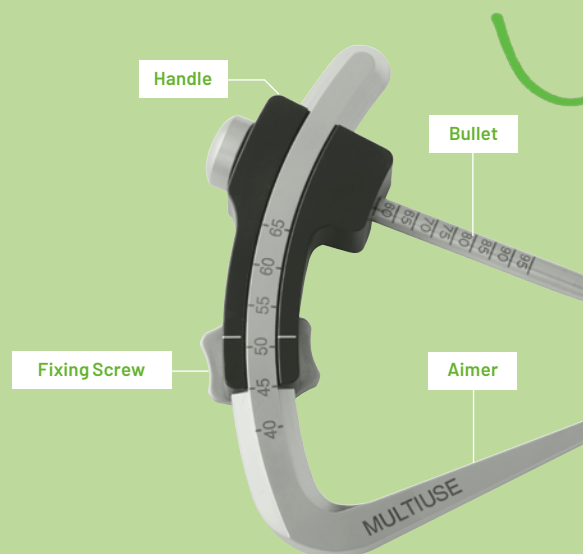
- Graft Preparation Station
- Graft Sizing Block
- Tunnel Plugs
- Tendon Strippers
- Cannulated Screwdriver
- Depth Gauges

The Drill Guide System

The femoral ACL aiming hook adapts to the anatomy of each patient and offers the user

- **Flexibility**
- **Precision**
- **Control**

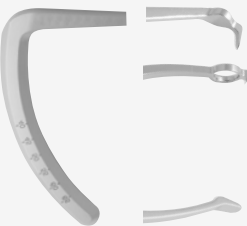
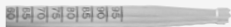
For the anterior cruciate ligament reconstruction, the angle of the aimer and the bullet can be set precisely. The length of the tibial drill canal can be read off the bullet before drilling and varied if necessary.





TRAY A

Drill Guide System



ACL / PCL handle

ACL / PCL bullet, 2.4 mm

ACL / PCL bullet, 3.5 mm

ACL / PCL tibial marking hook drill guide

ACL / PCL femoral marking hook drill guide

ACL / PCL femoral aimer

ACL / PCL tibial aimer

ACL / PCL femoral (LP) aimer

ACL / PCL femoral (RP) aimer

ACL / PCL femoral marking hook, curved

ACL / PCL multiuse aimer

Item no.

17-6510

17-6578-24

17-6578-35

17-6805

17-6806

17-6512

17-6511

17-6513

17-6514

17-6515

17-6504

TRAY A

Tunnel Dilators, Cannulated



	Diameter	Item no.
Tunnel dilator, cannulated, for use with T-handle	Ø 6 - 7 mm	17-6867
Tunnel dilator, cannulated, for use with T-handle	Ø 7 - 8 mm	17-6878
Tunnel dilator, cannulated, for use with T-handle	Ø 8 - 9 mm	17-6889
Tunnel dilator, cannulated, for use with T-handle	Ø 9 - 10 mm	17-6890
Tunnel dilator, cannulated, for use with T-handle	Ø 10 - 11 mm	17-6891
Tunnel dilator, cannulated, for use with T-handle	Ø 11 - 12 mm	17-6892

TRAY A

T-Handle for Tunnel Dilators



	Item no.
T-handle for tunnel dilators	17-6800

Tibial Drills, Cannulated



	Diameter	Item no.
Tibial drill, cannulated	Ø 6 mm	17-6260
Tibial drill, cannulated	Ø 7 mm	17-6270
Tibial drill, cannulated	Ø 8 mm	17-6280
Tibial drill, cannulated	Ø 9 mm	17-6290
Tibial drill, cannulated	Ø 10 mm	17-6210
Tibial drill, cannulated	Ø 11 mm	17-6211
Tibial drill, cannulated	Ø 12 mm	17-6212

Endoscopic Reamers, Cannulated



	Diameter	Item no.
Endoscopic reamer, cannulated	Ø 4.7 mm	17-6347
Endoscopic reamer, cannulated	Ø 5.2 mm	17-6352
Endoscopic reamer, cannulated	Ø 5.6 mm	17-6356

Drill / Graft Passing Guide Pins



	Item no.
Drill bit, Ø 2.4 mm	17-6324
Pin drill bit	17-6301
Pin diamond tip	17-6302



TRAY A

Femoral Reamers, Cannulated



	Diameter	Item no.
Femoral reamer, cannulated	Ø 6 mm	17-6460
Femoral reamer, cannulated	Ø 7 mm	17-6470
Femoral reamer, cannulated	Ø 8 mm	17-6480
Femoral reamer, cannulated	Ø 9 mm	17-6490
Femoral reamer, cannulated	Ø 10 mm	17-6410
Femoral reamer, cannulated	Ø 11 mm	17-6411
Femoral reamer, cannulated	Ø 12 mm	17-6412

TRAY A

Guide Wire for Screws



	Item no.
Guide wire, for screws, Ø 2 mm	17-6320

TRAY B

Rasps



	Type	Item no.
Rasp	straight	17-1839S
Rasp	convex	17-1839C
Rasp	half-round	17-1839H

Silicone handle

TRAY B

Chondro Picks



		Tip type	Item no. Silicone handle
	Chondro pick, Ø 6 mm, 125 mm	straight	17-1838S
	Chondro pick, Ø 6 mm, 125 mm	25° angled	17-1838S-25
	Chondro pick, Ø 6 mm, 125 mm	40° angled	17-1838S-40
	Chondro pick, Ø 6 mm, 125 mm	60° angled	17-1838S-60
	Chondro pick, Ø 6 mm, 125 mm	90° angled	17-1838S-90

TRAY B

Curette



	Item no. Silicone handle
Curette, 25° angled	17-1814-6S-215

TRAY B

Femoral Aimers

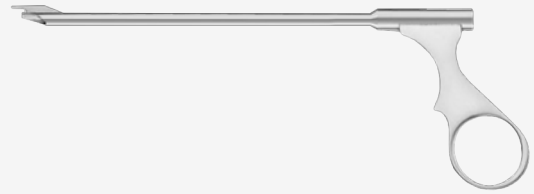


	Diameter	Item no. Silicone handle
Femoral aimer	Ø 5 mm	17-1846-5
Femoral aimer	Ø 6 mm	17-1846-6
Femoral aimer	Ø 7 mm	17-1846-7



TRAY B

Transportal Femoral Aimers



	Diameter	Item no.
Transportal femoral aimer	Ø 5 mm	17-1847-5
Transportal femoral aimer	Ø 6 mm	17-1847-6
Transportal femoral aimer	Ø 7 mm	17-1847-7

TRAY B

PCL Elevator



	Item no.
	Silicone handle
PCL elevator	17-1848

TRAY B

Tendon Strippers, Closed



	Diameter	Item no.
		Silicone handle
Tendon stripper, closed	Ø 7 mm	17-1849-7
Tendon stripper, closed	Ø 8 mm	17-1849-8
Tendon stripper, closed	Ø 9 mm	17-1849-9

TRAY C

Tendon Strippers, Open



	Diameter	Item no. Silicone handle
Tendon stripper, open	Ø 7 mm	17-1850-7
Tendon stripper, open	Ø 8 mm	17-1850-8
Tendon stripper, open	Ø 9 mm	17-1850-9

TRAY B

Hook Probe



	Item no. Triangular handle
Hook probe, pointed	17-1824DK

TRAY B

Impactor



	Item no.
Impactor for spiked ligament staple	17-6501



TRAY C

Graft Preparation Station



Graft preparation station

Item no.

17-6500

TRAY C

Depth Gauges



Depth gauge for measuring the total length of the femoral channel

Item no.

17-1851

TRAY C

Screw Driver, Cannulated



Screw driver, cannulated

Item no.

17-1852

TRAY C

Graft Sizing Blocks



	Type	Item no.
Graft sizing block A, in 1 mm steps	Ø 6 - 12 mm	17-6954
Graft sizing block B, in 1 mm steps	Ø 6.5 - 11.5 mm	17-6888

TRAY C

Tunnel Plugs



	Diameter	Item no.
Tunnel plugs	Ø 7 - 8 mm	17-6257
Tunnel plugs	Ø 8 - 9 mm	17-6258
Tunnel plugs	Ø 9 - 10 mm	17-6259

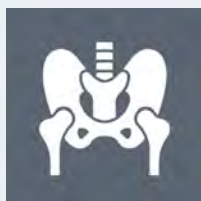


Hip Arthroscopy

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Punches / **p. 93**

Grasping Forceps / **p. 95**

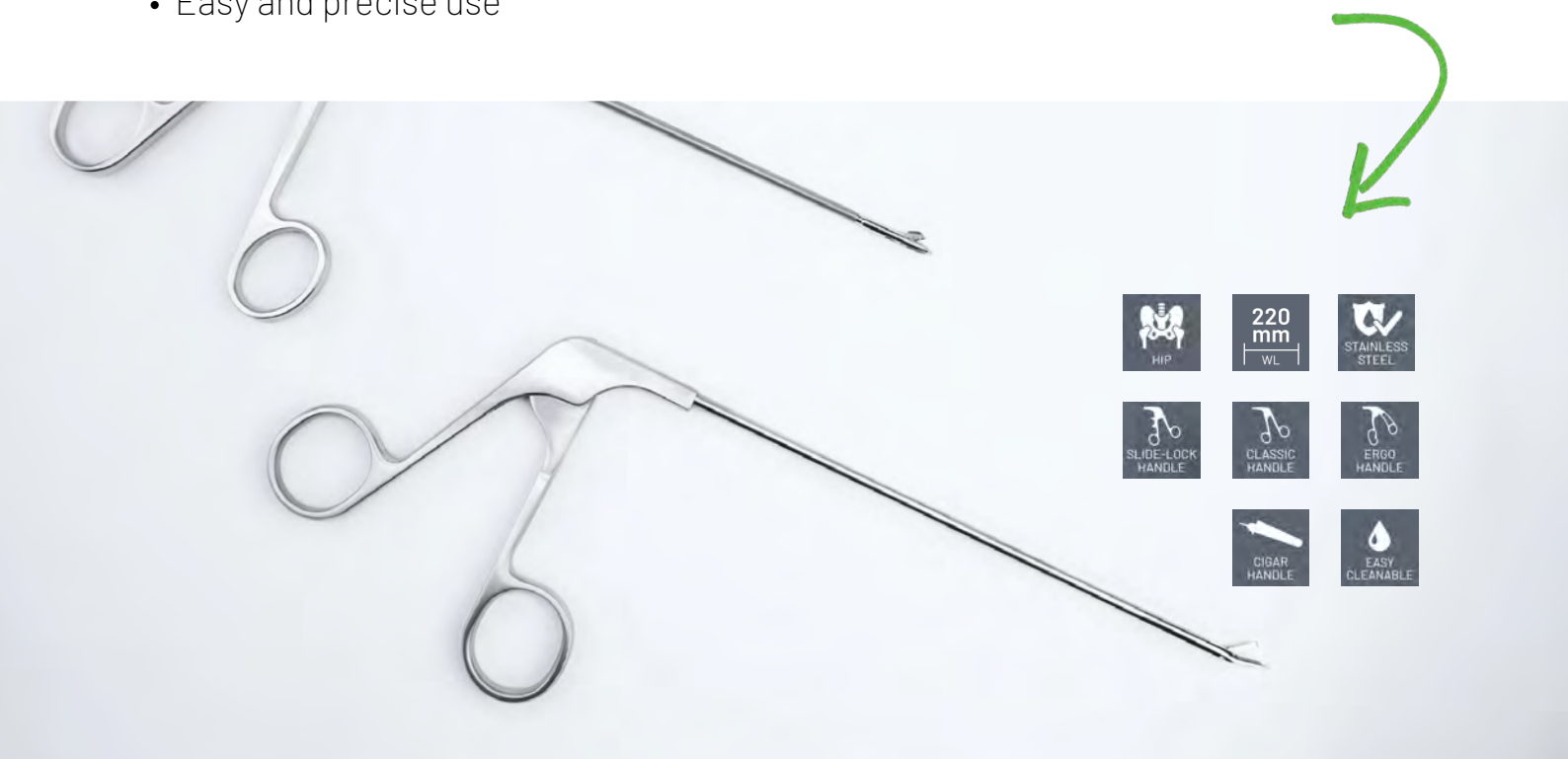




Hip Arthroscopy Instruments

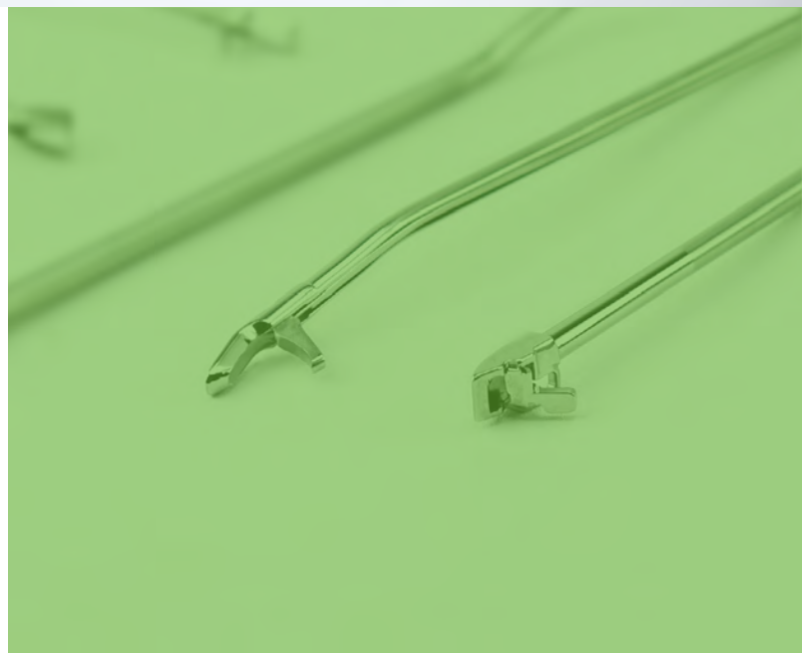
Key Features

- **Multiple handle options** to meet every physician's preference and for optimized use of jaw
- Uniform and accurate **force distribution**
- **Precise cutting pattern** due to optimized punching gap dimensions in the jaw area
- **Maximum power transmission** through a pinless joint guide
- Easy and precise use



... more Features

- Wide range of punches and jaw patterns
- Long durability due to the use of high-quality stainless steels and polymers
- Conveniently cleanable and reprocessable due to skeletonized design, easily accessible





Hook Punch, Small



	Tip profile	Bite width	Tip width	Item no. Classic handle
Hook punch, small, 220 mm	1.90 mm	1.80 mm	2.89 mm	17-3154

Hook Punch, Small, Upbiter



	Tip profile	Bite width	Tip width	Item no. Classic handle
Hook punch, small, upbiter, 220 mm	1.90 mm	1.80 mm	2.89 mm	17-3155

Basket Punches, Small



	Sheath	Tip profile	Bite width	Tip width	Item no. Classic handle
Basket punch, small, jaw 45°, 220 mm	downbiter left *	1.50 mm	1.80 mm	2.89 mm	17-3156
Basket punch, small, jaw 45°, 220 mm	downbiter right	1.50 mm	1.80 mm	2.89 mm	17-3157

Low Duckbill Punches, Medium



	Sheath	Tip profile	Bite width	Tip width	Item no. Classic handle
Low Duckbill punch, medium, 220 mm	straight *	1.93 mm	3.20 mm	5.00 mm	17-3158
Low Duckbill punch, medium, 220 mm	upswept	1.93 mm	3.20 mm	5.00 mm	17-3159

Low Duckbill Punch, Medium, Upbiter



	Tip profile	Bite width	Tip width	Item no. Classic handle
Low Duckbill punch, medium, upbiter, 220 mm	1.93 mm	3.20 mm	5.00 mm	17-3160

Backbiters



	Jaw	Tip profile	Bite width	Tip width	Item no. Classic handle
Backbiter, 220 mm	left cut	3.93 mm	2.30 mm	5.58 mm	17-3161
Backbiter, 220 mm	right cut *	3.93 mm	2.30 mm	5.58 mm	17-3162

Grasper, Raptor-Style



Item no.

Classic handle

Grasper, raptor-style, 220 mm

17-3163

Rotary Basket Punches



	Jaw	Tip profile	Bite width	Tip width	Item no.	
					Rotatable classic handle	Cigar handle
Rotary basket punch, 220 mm	90° angled left *	1.50 mm	1.80 mm	2.89 mm	17-3164	17-3165
Rotary basket punch, 220 mm	90° angled right	1.50 mm	1.80 mm	2.89 mm	17-3166	17-3167

Grasper, 1x2 Teeth



Item no.

Slide-lock handle

Grasper, 1x2 teeth, 220 mm

17-3168

Graspers, Cupped, Serrated



	Jaw width	Item no.
Grasper, cupped, serrated, 220 mm	2.7 mm *	17-3169
Grasper, cupped, serrated, 220 mm	3.4 mm	17-3170

Alligator Graspers



	Item no.
Alligator grasper, 220 mm	17-3171



Arthroscopic Hand Instruments

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Hook Probes / **p. 101**

Spoon / **p. 101**

Ring Curettes / **p. 101**

Knives / **p. 102**

Meniscotomes / **p. 102**

Cartilage Rasps / **p. 102**

Chondro Picks & Hammer / **p. 103**

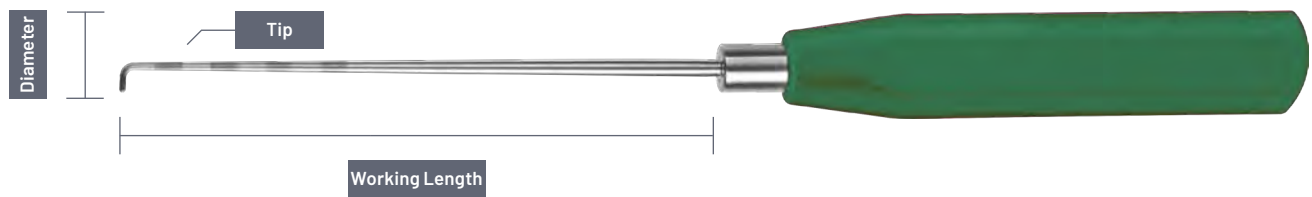
Knot Pushers / **p. 104**



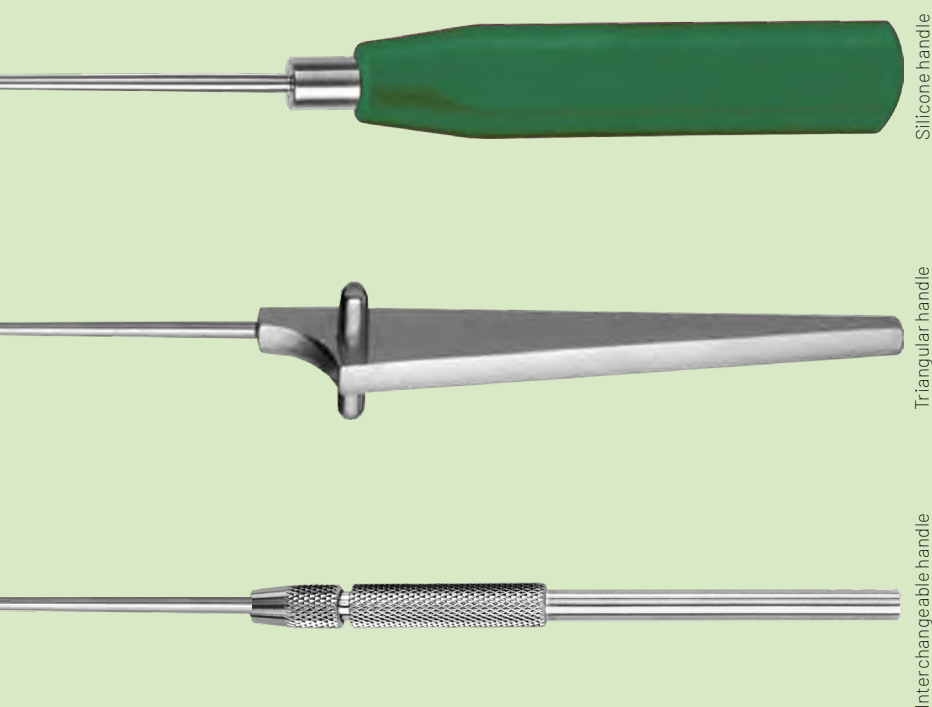


Arthroscopic Hand Instruments

Key Features and Designs at a Glance



- Ergonomic design
- Long durability due to the use of high-quality stainless steels and polymers
- Also available with detachable handle for higher flexibility
- Precise through distal graduations
- Wide range of instrument patterns for knee, Small Joint, shoulder and hip
- Working length of 100 mm / 150 mm / 220 mm according to application
- Available in 4 different handle variations



Interchangeable Handle



	Item no.
Handle only, 125 mm, interchangeable, for inserts w/o handle below	17-1801

Hook Probes



		Item no.			
		With knurled handle	With silicone handle	With triangular handle	Insert only, for use with 17-1801
	Hook probe, pointed	17-1825	17-1824S	17-1824DK	17-1824
	Hook probe, graduated, Ø 2.5 mm	17-1825-3,5	17-1802S	17-1802DK	17-1802
	Hook probe, graduated, Ø 4 mm	n/a	17-1802-4S	17-1802-4DK	17-1802-4

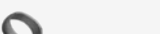
Spoon



		Item no.			
		With knurled handle	With silicone handle	With triangular handle	Insert only, for use with 17-1801
	Spoon, graduated, Ø 3 mm	17-1832	17-1823S	17-1823DK	17-1823

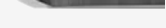
Ring Curettes



		Item no.			
		With knurled handle	With silicone handle	With triangular handle	Insert only, for use with 17-1801
	Ring curette 30°, Ø 3 mm	17-1840	17-1814S	17-1814DK	17-1814
	Ring curette 15°, Ø 5 mm	17-1840-5	17-1814-5S	17-1814-5DK	17-1814-5
	Ring curette 30°, Ø 7 mm	17-1840-7	17-1814-7S	17-1814-7DK	17-1814-7

Knives



		Item no.			
		With knurled handle	With silicone handle	With triangular handle	Insert only, for use with 17-1801
	Scalpel knife	17-1820	17-1804S	17-1804DK	17-1804
	Banana knife, smooth	17-1815	17-1806S	17-1806DK	17-1806
	Banana knife, serrated	17-1830	17-1807S	17-1807DK	17-1807
	Hook knife, graduated, 90°	17-1800	17-1812S	17-1812DK	17-1812
	Knife, retrograde, Ø 5 mm	17-1805	17-1813S	17-1813DK	17-1813
	Sickle knife	17-1843	17-1817S	17-1817DK	17-1817
	Bajonet knife	n/a	17-1818S	17-1818DK	17-1818
	Knife, serrated, Ø 3 mm	17-1845	17-1819S	17-1819DK	17-1819

Meniscotomes Smilie



		Item no.			
		With knurled handle	With silicone handle	With triangular handle	Insert only, for use with 17-1801
	Meniscotome smilie, Ø 3 mm	17-1810-3	17-1809-3S	17-1809-3DK	17-1809-3
	Meniscotome smilie, Ø 5 mm	17-1810	17-1809S	17-1809DK	17-1809
	Meniscotome smilie, Ø 7 mm	17-1810-7	17-1811S	17-1811DK	17-1811

Cartilage Rasps



		Item no.			
		With knurled handle	With silicone handle	With triangular handle	Insert only, for use with 17-1801
	Cartilage rasp, fine	n/a	17-1841S	17-1841DK	17-1841
	Cartilage rasp, rough	n/a	17-1842S	17-1842DK	17-1842

Chondro Picks



		Tip type	Item no.	
			125 mm WL for Knee Arthro	215 mm WL for Hip Arthro
	Chondro pick, silicone handle	straight	17-1838S	17-1838S-215
	Chondro pick, silicone handle	25° angled	17-1838S-25	17-1838S-215-25
	Chondro pick, silicone handle	40° angled	17-1838S-40	17-1838S-215-40
	Chondro pick, silicone handle	60° angled	17-1838S-60	17-1838S-215-60
	Chondro pick, silicone handle	90° angled	17-1838S-90	17-1838S-215-90

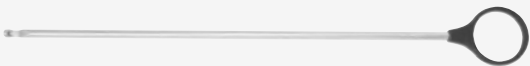
		Item no.
		Silicone handle
	Spoon 5°	17-1835S-215
	Ring curette 10°	17-1814-6S-215
	Scalpel knife	17-1804-6S-215
	Cartilage rasp, straight	17-1836S-215
	Cartilage rasp, 10°	17-1832S-215
	Hook probe, pointed, graduated	17-1802-06S-215

Hammer for Chondro Picks



	Item no.
	Silicone handle
Hammer for chondro picks, 35 x 240 mm, complete 370 g	17-1854

Knot Pushers, Closed



	Working length	Item no.
Knot pusher, closed	155 mm	17-3153
Knot pusher, closed	220 mm	17-3352
Knot pusher, closed	125 mm	17-3353



Surgical Units for Arthroscopy

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Shaver Unit / **p. 108**

Reusable & Single-Use Shaver Blades / **p. 110**

Bipolar Electrodes & Handpieces with Cable / **p. 112**





Arthroscopy

Shaver Unit

- **Fully controllable rotational and oscillation speed**
 - **Three oscillation modes: light, medium and aggressive**
 - **Automatic handpiece detection memorizing previously used parameters**
 - **Overload protection**
 - **Speed range of 800 to 8.000 RPM**
- To be used with up to two ergonomic, autoclavable handpieces simultaneously
 - Conveniently controllable by foot switch
 - Handpieces with automatic or manual lock
 - Compatible with Ackermann shaver blades



Technical Specifications

Item # **16-2050** / Arthroscopic Shaver Unit incl. Footswitch and Handpiece

Shaver Unit

Input voltage	100 - 240 VAC
Frequency voltage	50 - 60 Hz
Main voltage	100 - 240 VAC
Dimensions	306 x 96 x 330 mm
Weight	5.1 kg
Class of protection	B type

Handpiece

Length	185 mm
Weight	400 g
Blades chuck	Manual locking
Speed range	800 - 8.000 RPM ($\pm 10\%$)
Oscillate cycle	Light (0.5 sec.), medium (0.3 sec.), aggressive (0.2 sec.)
Cable length	3 m
Sterilization method	Steam sterilization: 134°C

Footswitch

Dimensions	215 x 280 x 28 mm
Weight	2.45 kg
Cable length	3 m
Casing safety standard	IPX8

Accessories included with Unit

	Item no.
Handpiece for 16-2050	16-2050-100
Footswitch for 16-2050	16-2050-200
Power cord	16-2050-300
Instructions for use	n/a



Full Radius Resector

For Ackermann / Arthrex[®] Shaver Systems



	Diameter	Item no.	
		Single-use, sterile	Reusable, non-sterile
Full radius resector, plain sheath tip, plain inner tip, 130 mm	Ø 5.5 mm	15-1722-100DDART	15-1722-100ART
Full radius resector, plain sheath tip, plain inner tip, 130 mm	Ø 4.2 mm	15-1722-101DDART	15-1722-101ART
Full radius resector, plain sheath tip, plain inner tip, 130 mm	Ø 3.4 mm	15-1722-102DDART	15-1722-102ART

Meniscus Cutter

For Ackermann / Arthrex[®] Shaver Systems



	Diameter	Item no.	
		Single-use, sterile	Reusable, non-sterile
Meniscus cutter, serrated sheath tip, plain inner tip, 130 mm	Ø 5.5 mm	15-1722-200DDART	15-1722-200ART
Meniscus cutter, serrated sheath tip, plain inner tip, 130 mm	Ø 4.2 mm	15-1722-201DDART	15-1722-201ART
Meniscus cutter, serrated sheath tip, plain inner tip, 130 mm	Ø 3.4 mm	15-1722-202DDART	15-1722-202ART

Aggr. Full Radius Resector

For Ackermann / Arthrex[®] Shaver Systems



	Diameter	Item no.	
		Single-use, sterile	Reusable, non-sterile
Aggressive full rad. resect., plain sheath tip, serr. inner tip, 130 mm	Ø 5.5 mm	15-1722-300DDART	15-1722-300ART
Aggressive full rad. resect., plain sheath tip, serr. inner tip, 130 mm	Ø 4.2 mm	15-1722-301DDART	15-1722-301ART
Aggressive full rad. resect., plain sheath tip, serr. inner tip, 130 mm	Ø 3.4 mm	15-1722-302DDART	15-1722-302ART

Incisor

For Ackermann / Arthrex[®] Shaver Systems



	Diameter	Item no.	
		Single-use, sterile	Reusable, non-sterile
Incisor, serrated sheath tip, serrated inner tip, 130 mm	Ø 5.5 mm	15-1722-400DDART	15-1722-400ART
Incisor, serrated sheath tip, serrated inner tip, 130 mm	Ø 4.2 mm	15-1722-401DDART	15-1722-401ART
Incisor, serrated sheath tip, serrated inner tip, 130 mm	Ø 3.4 mm	15-1722-402DDART	15-1722-402ART

Round Burr

For Ackermann / Arthrex[®] Shaver Systems



		Item no.	
		Single-use, sterile	Reusable, non-sterile
Round burr, drill, Ø 5.5 mm, 130 mm		15-1722-500DDART	15-1722-500ART

Oval Burr

For Ackermann / Arthrex[®] Shaver Systems



	Diameter	Item no.	
		Single-use, sterile	Reusable, non-sterile
Oval burr, drill, 130 mm	Ø 5.5 mm	15-1722-700DDART	15-1722-700ART
Oval burr, drill, 130 mm	Ø 4.2 mm	15-1722-701DDART	15-1722-701ART

Handpiece for Bipolar Electrodes



		Item no.
	Handpiece for bipolar electrodes, with 6-pin ASD cable, 4 m	17-6900ASD
	Handpiece for bipolar electrodes, with 2-pin standard cable, 4 m	17-6900-9
	Handpiece for bipolar electrodes, with cable for Martin Maximum ¹ , 4 m	17-6900-8
	Handpiece for bipolar electrodes, with cable for Erbe VIO ¹ , 4 m	17-6900-7

Bipolar Electrodes, Single-Use



		Working length	Item no.
	Bipolar vaporisation electrode, 90° angled, Ø 5 mm, with suction, sterile, UOM 10 pcs.	150 mm	17-6901DD
	Bipolar vaporisation button electrode, 45° angled, Ø 2.4 mm, sterile, UOM 10 pcs.	150 mm	17-6906DD
	Bipolar vaporisation button electrode, 45° angled, Ø 2.8 mm, with suction, sterile, UOM 10 pcs.	150 mm	17-6905DD
	Bipolar vaporisation electrode, bendable, 45° angled, Ø 2.8 mm, sterile, UOM 10 pcs.	150 mm	17-6907DD
	Bipolar vaporisation button electrode, 45° angled, Ø 3 mm, sterile, UOM 10 pcs.	180 mm	17-6912DD
	Bipolar vaporisation button electrode, 70° angled, Ø 4 mm, sterile, UOM 10 pcs.	150 mm	17-6902DD
	Bipolar L-hook electrode, 90° angled, Ø 3.3 mm, sterile, UOM 10 pcs.	150 mm	17-6903DD
	Bipolar L-hook electrode, reinforced, 90° angled, Ø 3.3 mm, sterile, UOM 10 pcs.	150 mm	17-6904DD
	Bipolar vaporisation electrode, bendable, 90° angled, Ø 3.8 mm, sterile, UOM 10 pcs.	150 mm	17-6911DD

Bipolar Electrodes, Single-Use, with Handpiece



		Working length	Item no.
	Bipolar vaporisation electrode, 90° angled, with suction and handpiece, sterile, UOM 10 pcs.	150 mm	17-6937DD
	Bipolar vaporisation electrode, 45° angled, with suction and handpiece, sterile, UOM 10 pcs.	150 mm	17-6938DD
	Bipolar vaporisation electrode, 45° double-angled, with suction and handpiece, sterile, UOM 10 pcs.	150 mm	17-6939DD
	Bipolar vaporisation electrode, bendable, 45° angled, with suction and handpiece, sterile, UOM 10 pcs.	150 mm	17-6941DD
	Bipolar vaporisation electrode, 70° angled, with suction and handpiece, sterile, UOM 10 pcs.	150 mm	17-6943DD
	Bipolar hook electrode, 90° angled, slim, with handpiece, sterile, UOM 10 pcs.	150 mm	17-6924DD
	Bipolar hook electrode, 90° angled, with handpiece, sterile, UOM 10 pcs.	150 mm	17-6925DD
	Bipolar vaporisation electrode, 90° angled, with handpiece, sterile, UOM 10 pcs.	150 mm	17-6942DD

Accessories

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1/2 Arthro Punch Container with Inlay



			Item no.
1/2 Container with instrument rack for 14 arthroscopic punches, 285 x 280 x 135 mm			17-1750CON
includes	1/2 Container for 14 arthroscopic punches, 285 x 280 x 135 mm	50-1305.13 + 50-1300.05	
and	Container inlay for arthroscopic punches, 285 x 280 x 135 mm	17-1750I	

Arm Extension Device



		Item no.
Arm extension device for intramedullary nailing of humerus fractures		69-1750

Weinberger Handcuff



		Item no.
Weinberger handcuff for fixation of hand and upper arm during intramedullary nailing of humerus		69-1755

Meniscus Roll



Meniscus roll, adjustable in height

Item no.

69-1730

Arthroscopic Leg Holder System



Arthroscopic leg holder system for fixation of thigh

Item no.

69-1728

Scalpel Handle, No. 3



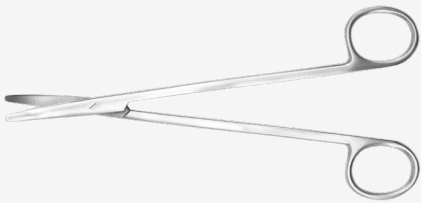
	Item no.
Scalpel handle, No. 3, 12 cm	03-0100.03

Mayo Scissors, Curved



	Item no.
Mayo scissors, curved, blunt/blunt, 17 cm	04-1261.17

Metzenbaum Scissors, Curved



	Dimensions	Item no.
Metzenbaum scissors, curved	18 cm	04-1321.18
Metzenbaum scissors, curved	23 cm	04-1321.23
Metzenbaum scissors, curved	28 cm	04-1321.28

Metzenbaum-Fino Scissors, Curved



Metzenbaum-Fino scissors, curved, blunt/ blunt, 18 cm, tungsten carbide, supercut

Item no.

04-1337.18SC

Jameson Dissecting Scissors, Curved



Jameson dissecting scissors, curved, 15 cm

Item no.

04-1373.15

Micro-Mosquito Hemostatic Forceps, Straight



Micro-Mosquito haemostatic forceps, straight, 12.5 cm

Item no.

07-0600.12

Micro-Mosquito Haemostatic Forceps, Curved

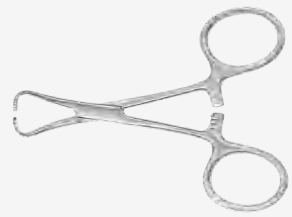


Micro-Mosquito haemostatic forceps, curved, 1x2 teeth, 12.5 cm

Item no.

07-0603.12

Tohoku Towel Forceps



Tohoku towel forceps, 13 cm

Item no.

08-9068.13

Duplay Sponge- & Dressing Forceps, Straight

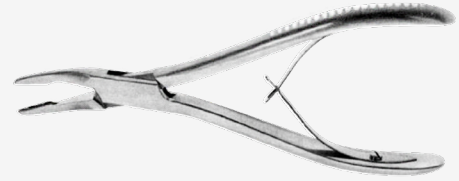


Duplay sponge- and dressing forceps, straight, 20 cm

Item no.

08-9392.20

Beyer Bone Rongeur, Curved



Beyer bone rongeur, curved, 3 mm, 18 cm

Item no.

15-0701.18

Hartmann Forceps



Hartmann forceps

Dimensions

8.5 cm, 3 1/4"

Item no.

20-4861.08

Hartmann forceps

14 cm, 5 1/2"

20-4861.14

Cottle Alar Protector



Cottle alar protector, 15 cm

Item no.

21-6949.15

Frazier Retractor, Sharp



		Item no.
Frazier retractor, sharp, 18 cm		09-0136.18

Joseph Retractor



		Item no.
Joseph retractor, 7 mm, 16 cm		09-0516.07

Retractor, Sharp, 3 Prongs



		Item no.
Retractor, sharp, 3 prongs, 16 cm		09-0556.03

Langenbeck Retractor



Langenbeck retractor, 40 x 11 mm, 21 cm

Item no.

09-1181.04

Holzheimer Self-Retaining Retractor



Holzheimer self-retaining retractor, blunt, 10 cm

Item no.

09-5130.14

TC DeBakey Needleholder



DeBakey needleholder, tungsten carbide, 15 cm

Item no.

12-5450.15

Killian Septum Elevator



Killian septum elevator, 18.5 cm	Item no. 21-6826.18
----------------------------------	------------------------

Gallpot



Gallpot, Ø 81 x 51 mm	Item no. 35-1141.08
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Alphanumeric Index

Item Numbers at a Glance

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