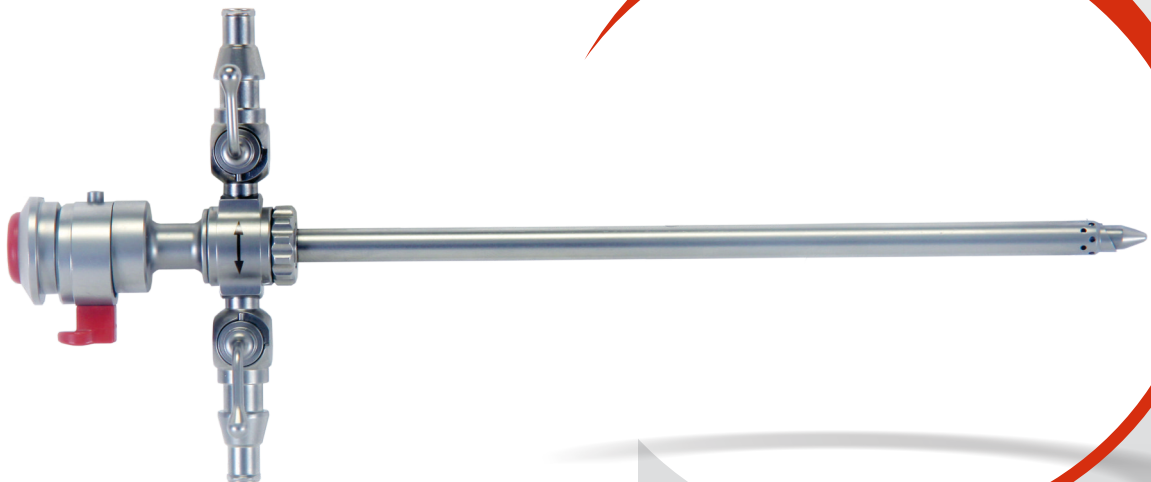


Maxer

GERMANY

ARTHROSCOPY



M ARTHROSCOPY
SYSTEM

WWW.MAXERENDOSCOPY.COM



ISO Certificate

Quality management system as per ISO 13485 :2012 Medical Device Certification for development & Production & Endoscopic instrument & Equipments

CE Certificate

As per council directive 93/42/EEC Concerning medical devices



Over the years Maxer has established itself as a symbol of creativity and latest technology and is an internationally qualified supplier of world-class medical instruments and devices.

Specialised in the field of Minimal Invasive Surgery field (MIS), we manufacture a wide range of products for Laparoscopy, Hysteroscopy, Urology, Pediatric surgery, Arthroscopy, Spine endoscopy and ENT.

Constant innovation to serve market needs, introducing latest technologies to the world of Minimal Invasive Surgery (MIS) and sound working ethics have been the integral part of our corporate philosophy.

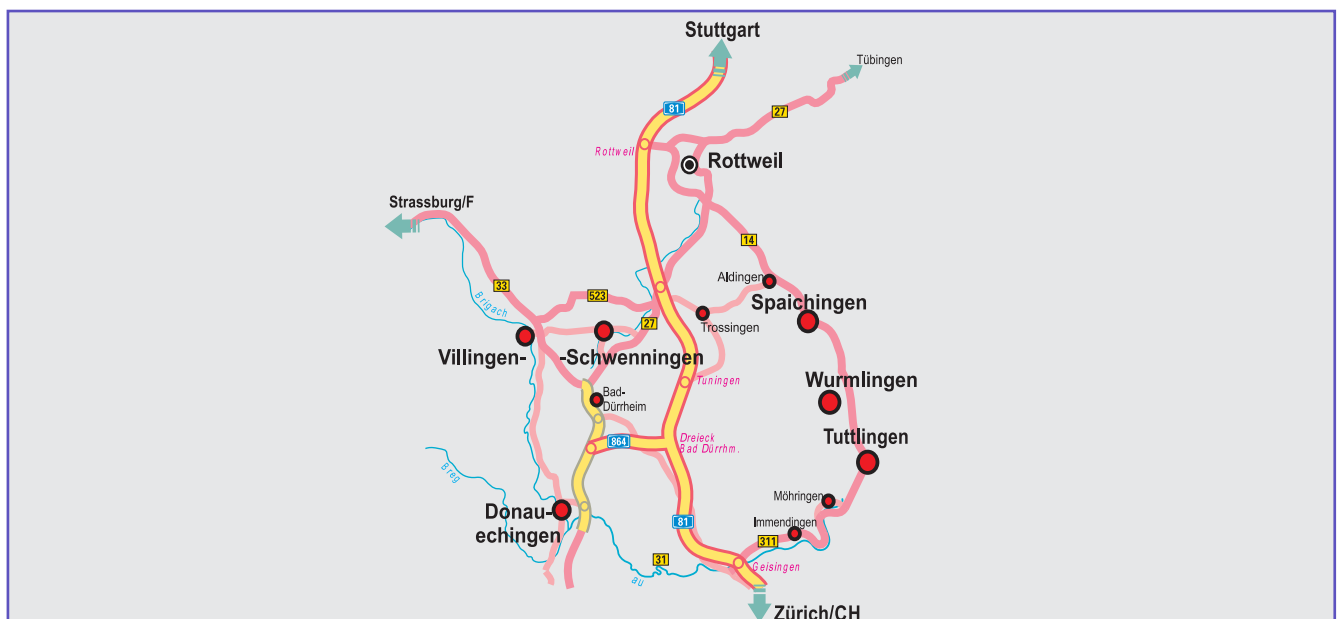
2004	Being one of the foremost companies to bring out HD technology in MIS field, Maxer launched its first endoscopy camera with Matrix metering
2008	High Definition (HD) scopes were launched to fully appreciate the picture quality displayed by endoscopic cameras
2009	Maxer launched its first Networked Endoscopy Camera System
2010	A path breaking 16 Fr Resectoscope for office Hysteroscopy was introduced in the market
2011	Release of LED Headlight with 200,000 Lux illumination; a state of the art in this segment
2012	Maxer's new generation and more effective LED light source was introduced to reduce dependability on xenon light source
2015	3 CMOS HD cameras with 6-megapixel camera head was launched with the aim of providing best in class picture quality and ease of use

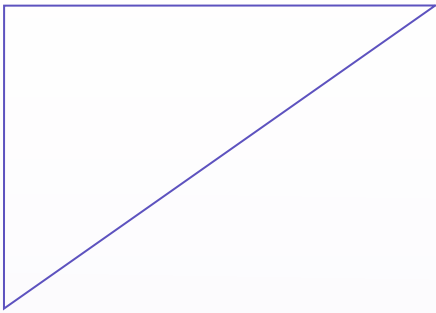
Our products are installed in over forty countries with high level of customer satisfaction. This background has given the company profound credibility in the field of endoscopy.

Due to vibrant co-operation with end users, we able to continuously improve upon the product range and are able to meet special modification demands. At Maxer, we believe that growth and innovation go hand-in-hand.


Our specialisation resides in selling complete system with the focus on product quality and customer satisfaction; and we strive to provide high level of after sales and service training to our customers. We strongly believe in 'Success in togetherness'. Therefore, our growth and success are based on long term partnerships with our customers and distributors.

Unique location in medical technology cluster of Tuttlingen, Germany and our rich heritage has enabled us to provide best in class German manufactured endoscopy products to our customers.





LAPAROSCOPY



M LAPAROSCOPY
SYSTEM
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PEDIATRIC




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ENT




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ARTHROSCOPY




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UNITS




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UROLOGY



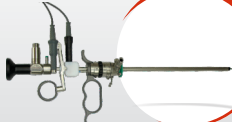
M UROLOGY
SYSTEM
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SPINE ENDOSCOPY



M SPINE
SYSTEM
maxerendoscopy.com

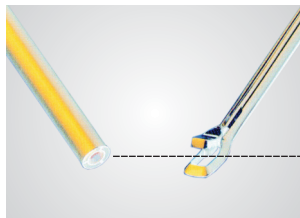
HYSTEROSCOPY



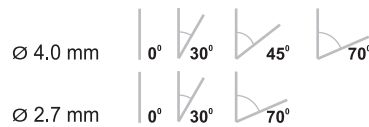
M HYSTEROSCOPY
SYSTEM
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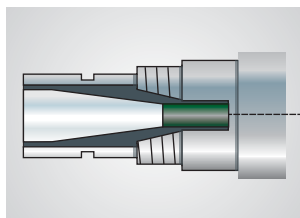
Maxer has been setting innovative standards for many years. Maxer laser welded Arthroscope can withstand numerous autoclaving cycles. Its glass cone technology is also unique. Maxer endoscopes are known for third generation optics which gives high resolution and brightness all over the image.



Sapphire tip -
For 3 times more scratch resistance,
safe with shaver blades

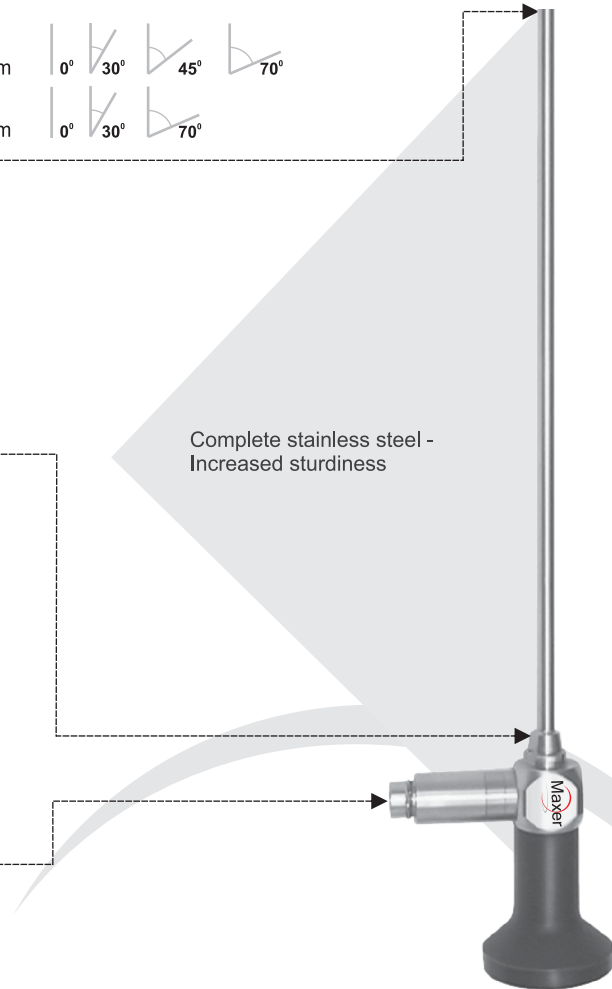


Laser welded joints -
No chance of leakage
even after numerous
autoclaving cycle



Glass cone -
For longer life of fibers

Complete stainless steel -
Increased sturdiness



FEATURES

- High Definition Laparoscopes have better optics to give enhanced clarity & brightness
- High-quality, multi coated (anti-reflective) optical system
- Highly refractive glass for optimal color rendering even when the image is magnified
- Extremely precise centering of the optical and mechanical components for an image that is brilliant and high contrast even around the edges
- Triple tube design for higher stability with many types of endoscopes
- Nitrogen filled optical system to avoid interior condensation
- High resolution scopes, Sapphire cover glass on both ends,
- Glass cone to collect light from F. O. Cable, Autoclavable



Standard Version 4 mm

0°	30°	45°	70°	Working Length	Ø mm
15.20.4000	15.20.4030	15.20.4045	15.20.4070	185 mm	4.0

HD Version 4 mm

0°	30°	45°	70°	Working Length	Ø mm
15.20.4100	15.20.4130	15.20.4145	15.20.4170	185 mm	4.0

Standard Version 2.7 mm

0°	30°	45°	70°	Working Length	Ø mm
15.20.2700	15.20.2730	-	15.20.2770	195 mm	2.7
15.20.2900	15.20.2930	-	15.20.2970	140 mm	2.7

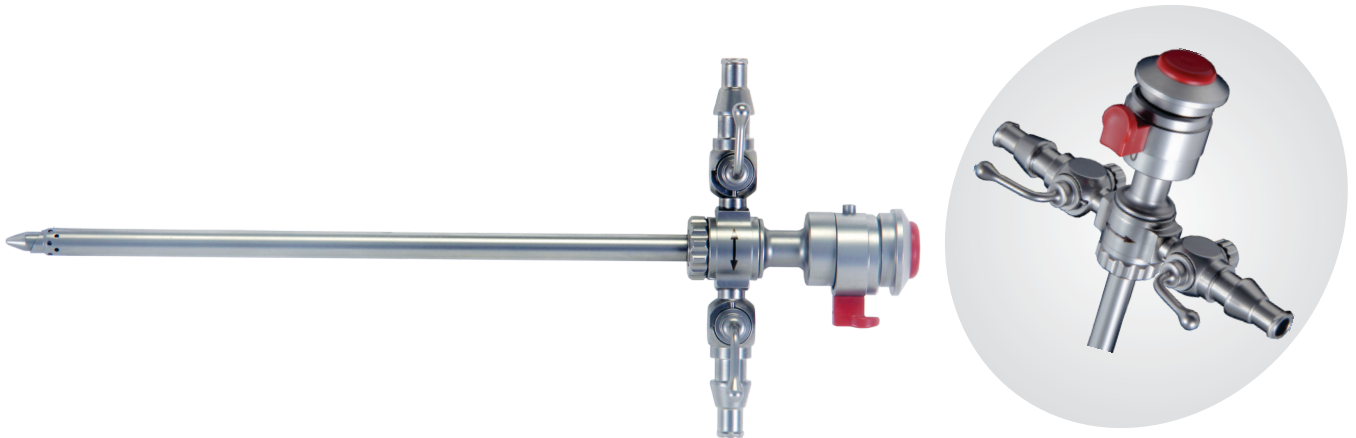
Standard Version 1.9 mm

0°	30°	45°	70°	Working Length	Ø mm
15.20.1900	15.20.1930	-	-	60 mm	1.9
15.20.1910	15.20.1940	-	-	100 mm	1.9

Arthroscopy Sheath

ARTHROSCOPY

Easy Locking System



For Arthroscopes 4 mm, working length 185 mm

50.80.4030EL	High flow trocar sheath 6 mm with 2 rotating stopcocks,
50.80.4031	Obturator blunt 5 mm
50.80.4032	Obturator conical blunt 5 mm
50.80.4033	Obturator pyramidal (sharp) 5 mm

Arthroscopy Sheath

ARTHROSCOPY

For Arthroscopes 2.7 mm, working length 195 mm

50.80.2730	Trocar sheath with 1 fixed stopcock
50.80.2731	Trocar blunt
50.80.2732	Trocar conical blunt
50.80.2733	Trocar pyramidal (sharp)

For Arthroscopes 2.7 mm, working length 140 mm

50.80.2930	Trocar sheath with 1 fixed stopcock
50.80.2934	Trocar sheath with 2 fixed stopcock
50.80.2931	Obturator blunt
50.80.2932	Obturator conical blunt
50.80.2933	Obturator pyramidal (sharp)

For Arthroscopes 1.9 mm, working length 60 mm

50.80.1930	Trocar sheath with 1 fixed stopcock
50.80.1935	Trocar sheath with 2 fixed stopcock
50.80.1931	Obturator blunt
50.80.1932	Obturator conical blunt
50.80.1933	Obturator pyramidal (sharp)

Standard Instruments



FEATURES

- Tubular Construction
- Built in overload Protection
- Stainless Steel
- Autoclavable 134° C

■	straight
▲	curved upward
▼	curved downward
◀	curved left
▶	curved right



Hook punch, curved vertical, without spoon

	Ø 3.4 mm	Ø 2.8 mm		
50.50.1534	50.50.1528	▲	15°	
	50.50.0734	50.50.0728	▲	7°
	50.50.3400	50.50.2800	■	0°
	50.50.3407	50.50.2807	▼	7°
	50.50.3415	50.50.2815	▼	15°

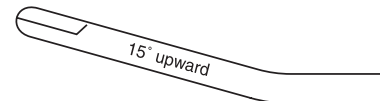

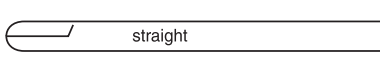


Curved horizontal

	Ø 3.4 mm	Ø 2.8 mm		
50.50.4534	50.50.4528	▶	45°	
	50.50.3034	50.50.3028	▶	30°
	50.50.3430	50.50.2830	◀	30°
	50.50.3445	50.50.2845	◀	45°





■ straight ▲ curved upward ▼ curved downward ◀ curved left ▶ curved right



Hook scissor, Curved Vertical

	Ø 3.4 mm	Ø 2.8 mm		
 15° upward	50.34.1500	50.28.1500	▲	15°
 7° upward	50.34.0700	50.28.0700	▲	7°
 straight	50.34.0000	50.28.0000	■	0°
 7° downward	50.34.0007	50.28.0007	▼	7°
 15° downward	50.34.0015	50.28.0015	▼	15°

Curved horizontal

	Ø 3.4 mm	Ø 2.8 mm		
 45° right	50.34.4500	50.28.4500	▶	45°
 30° right	50.34.3000	50.28.3000	▶	30°
 30° left	50.34.0030	50.28.0030	◀	30°
 45° left	50.34.0045	50.28.0045	◀	45°

■ straight ▲ curved upward ▼ curved downward ◀ curved left ▶ curved right



Punch slim, curved vertical,
Cutting tip 15° angled upward, without spoon

	Ø 3.4 mm	Ø 2.8 mm		
50.65.1534	50.65.1528	▲	15°	
	50.65.0734	50.65.0728	▲	7°
	50.65.3400	50.65.2800	■	0°
	50.65.3407	50.65.2807	▼	7°
	50.65.3415	50.65.2815	▼	15°

Curved horizontal

	Ø 3.4 mm	Ø 2.8 mm		
50.65.4534	50.65.4528	▶	45°	
	50.65.3034	50.65.3028	▶	30°
	50.65.3430	50.65.2830	◀	30°
	50.65.3445	50.65.2845	◀	45°

■ straight ▲ curved upward ▼ curved downward ◀ curved left ▶ curved right



Punch slim, curved vertical

	Ø 3.4 mm	Ø 2.8 mm		
50.60.1534	50.60.1528	▲	15°	
	50.60.0734	50.60.0728	▲	7°
	50.60.3400	50.60.2800	■	0°
	50.60.3407	50.60.2807	▼	7°
	50.60.3415	50.60.2815	▼	15°


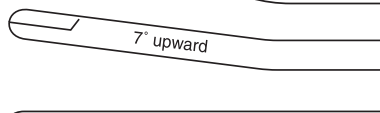
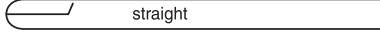
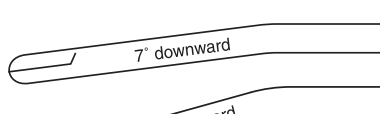

Curved horizontal

	Ø 3.4 mm	Ø 2.8 mm		
50.60.4534	50.60.4528	▶	45°	
	50.60.3034	50.60.3028	▶	30°
	50.60.3430	50.60.2830	◀	30°
	50.60.3445	50.60.2845	◀	45°

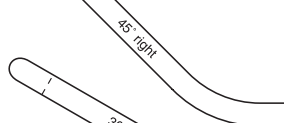
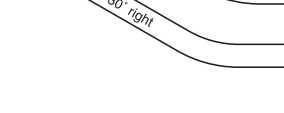
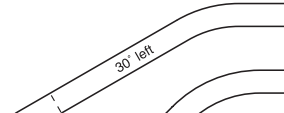
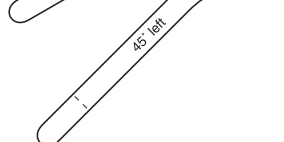
■ straight ▲ curved upward ▼ curved downward ◀ curved left ▶ curved right



Square punch wide, curved vertical

	Ø 3.4 mm		
50.70.1534	▲	15°	
	50.70.0734	▲	7°
	50.70.3400	■	0°
	50.70.3407	▼	7°
	50.70.3415	▼	15°

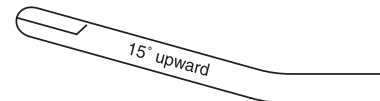
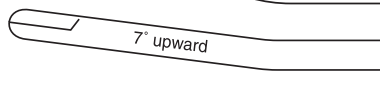



Curved horizontal

	Ø 3.4 mm		
50.70.4534	▶	45°	
	50.70.3034	▶	30°
	50.70.3430	◀	30°
	50.70.3445	◀	45°


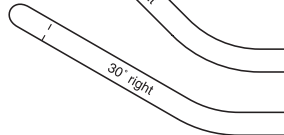
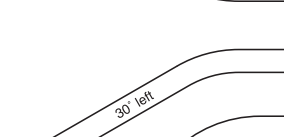

■ straight ▲ curved upward ▼ curved downward ◀ curved left ▶ curved right



Square punch wide, 90°, curved vertical, Ø 3.4 mm

	90° right	90° left		
	50.70.1590	50.75.1590	▲	15°
	50.70.0790	50.75.0790	▲	7°
	50.70.9000	50.75.9000	■	0°
	50.70.9007	50.75.9007	▼	7°
	50.70.9015	50.75.9015	▼	15°

Curved horizontal

	90° right	90° left		
	50.70.4590	50.75.4590	▶	45°
	50.70.3090	50.75.3090	▶	30°
	50.70.9030	50.75.9030	◀	30°
	50.70.9045	50.75.9045	◀	45°

■ straight ▲ curved upward ▼ curved downward ◀ curved left ▶ curved right



Probe excisions & reduction forceps, with thorn, straight tube

without spreading spring	with spreading spring	
50.45.4500	50.46.4500	Ø 4.5 mm



"Alligator" grasping forceps, straight tube

without ratchet	with ratchet	
50.45.4528	50.46.4528	Ø 2.8 mm
50.45.4534	50.46.4534	Ø 3.4 mm
50.45.4545	50.46.4545	Ø 4.5 mm



Grasping forceps, with 1 x 2 teeth, straight tube

without ratchet	with ratchet	
50.45.3401	50.46.3401	Ø 3.4 mm



Biopsy & grasping forceps, straight tube

without ratchet	with ratchet	
50.45.3402	50.46.3402	Ø 3.4 mm

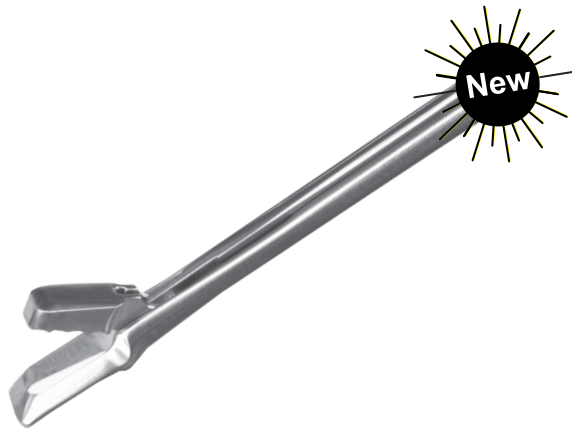


50.46.3405	Straight shaft grasper with ratchet
-------------------	-------------------------------------

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Pinless Hinge



- Newly designed using pin - less hinge that allows application of higher force and superior cutting efficiency.
- New design also facilitates smaller tip profile enabling surgeon to operate in harder to reach areas.
- Slotted single piece outer shaft design provides sturdy design and longer durability.
- A wide range of tips is available to cover broad spectrum of treatments.
- All the instruments are made in Germany using finest craftsmanship.
- Most Max-Line instruments are Pinless.



Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Arthroscopy



Tip Profile



Bite Width



Tip Width



Straight

The primary style for direct approach



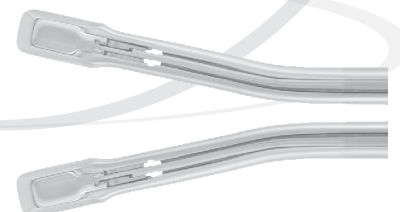
Angled 1/4 curve at tip increased access to the posterior meniscus



Angled shaft follows the contour of the condyle & keeps the cutting surface parallel to the tibial plateau



Angled to reach the anterior and posterior meniscus



Max-Line Arthroscopy Instruments

ARTHROSCOPY

Handles



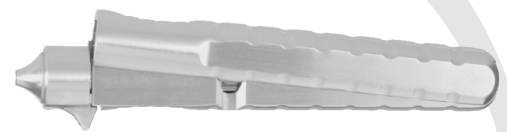
Standards handles

50.80.----	Scissors, basket punches and graspers feature our traditional Standard handles
-------------------	--



Standard handle with ratchet

50.83.----	All graspers featured this infinite-position, locking-handle design
-------------------	---



Cigar handles

50.81.----	Available on rotary basket punches and scissors
-------------------	---



Roratable handles

50.82.----	Available on rotary basket punches and scissors
-------------------	---

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Hook Punch, slim style

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5100	upbiter, straight	1.90 mm	1.67 mm	2.89 mm
50.80.5101	upbiter, curved left	1.90 mm	1.67 mm	2.89 mm
50.80.5102	upbiter, curved right	1.90 mm	1.67 mm	2.89 mm



Hook Punch, blunt nose 1.0 mm

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5103	straight	1.83 mm	1.67 mm	3.32 mm
50.80.5104	upswept	1.83 mm	1.67 mm	3.32 mm
50.80.5105	curved left	1.83 mm	1.67 mm	3.32 mm
50.80.5106	curved right	1.83 mm	1.67 mm	3.32 mm



Hook Punch, short cut

Standard Handle	Description
50.80.5107	straight

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles

Duckbill Basket Punch, small



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5111	straight	2.52 mm	2.50 mm	4.15 mm

Duckbill Basket Punch, small



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5112	upbiter, straight	2.52 mm	2.50 mm	4.15 mm

Duckbill Basket Punch, medium



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5121	straight	2.52 mm	3.20 mm	5.05 mm
50.80.5122	curved left	2.52 mm	3.20 mm	5.05 mm
50.80.5123	curved right	2.52 mm	3.20 mm	5.05 mm
50.80.5124	upswept	2.52 mm	3.20 mm	5.05 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Duckbill Basket Punch, medium

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5125	upbiter, straight	2.52 mm	3.20 mm	5.05 mm
50.80.5126	upbiter, curved left	2.52 mm	3.20 mm	5.05 mm
50.80.5127	upbiter, curved right	2.52 mm	3.20 mm	5.05 mm
50.80.5128	upbiter, upswept	2.52 mm	3.20 mm	5.05 mm



Duckbill Basket Punch, large

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5131	straight	2.52 mm	4.50 mm	6.15 mm



Duckbill Basket Punch, large

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5132	upbiter, straight	2.52 mm	4.50 mm	6.15 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Duckbill Basket Punch

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5136	diagonal cut, curved left	2.52 mm	3.20 mm	5.05 mm
50.80.5137	diagonal cut, curved right	2.52 mm	3.20 mm	5.05 mm



Duckly Basket Punch, small

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5144	straight	1.93 mm	2.50 mm	4.15 mm
50.80.5145	curved left	1.93 mm	2.50 mm	4.15 mm
50.80.5146	curved right	1.93 mm	2.50 mm	4.15 mm
50.80.5147	upswept	1.93 mm	2.50 mm	4.15 mm



Duckly Basket Punch, small

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5148	Upbiter, straight	1.93 mm	2.50 mm	4.15 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Ducky Basket Punch, medium

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5155	straight	1.93 mm	3.20 mm	5.00 mm
50.80.5156	curved left	1.93 mm	3.20 mm	5.00 mm
50.80.5157	curved right	1.93 mm	3.20 mm	5.00 mm
50.80.5158	upswept	1.93 mm	3.20 mm	5.00 mm

Ducky Basket Punch, medium

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5159	upbiter, straight	1.93 mm	3.20 mm	5.00 mm
50.80.5160	upbiter, curved left	1.93 mm	3.20 mm	5.00 mm
50.80.5161	upbiter, curved right	1.93 mm	3.20 mm	5.00 mm
50.80.5162	upbiter, upswept	1.93 mm	3.20 mm	5.00 mm

Ducky Basket Punch, large

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5166	straight	1.93 mm	4.50 mm	6.15 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Ducky Basket Punch, large

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5167	upbiter, straight	1.93 mm	4.50 mm	6.15 mm



Ducky Punch Elevator

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5171	upbiter, straight	1.93 mm	3.20 mm	5.00 mm



Basket Punch, slim style

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5176	straight	1.90 mm	1.67 mm	2.89 mm
50.80.5177	upswept	1.90 mm	1.67 mm	2.89 mm



Basket Punch, slim style

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5178	jaw 45° angled left	1.50 mm	1.67 mm	2.89 mm
50.80.5179	jaw 45° angled right	1.50 mm	1.67 mm	2.89 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Basket Punch, oval

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5185	straight	1.65 mm	4.39 mm	6.57 mm
50.80.5186	curved left	1.65 mm	4.39 mm	6.57 mm
50.80.5187	curved right	1.65 mm	4.39 mm	6.57 mm
50.80.5188	upswept	1.65 mm	4.39 mm	6.57 mm

Basket Punch, oval

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5189	upbiter, straight	1.65 mm	4.39 mm	6.57 mm
50.80.5190	upbiter, curved left	1.65 mm	4.39 mm	6.57 mm
50.80.5191	upbiter, curved right	1.65 mm	4.39 mm	6.57 mm
50.80.5192	upbiter, upswept	1.65 mm	4.39 mm	6.57 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Basket Punch spoon

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5195	1.10 mm, straight	1.10 mm	1.59 mm	3.25 mm
50.80.5196	1.10 mm, upswept	1.10 mm	1.59 mm	3.25 mm
50.80.5201	1.3 mm, curved left	1.30 mm	1.59 mm	3.25 mm
50.80.5202	1.3 mm, curved right	1.30 mm	1.59 mm	3.25 mm



Basket Punch spoon, 1.3 mm

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5203	upbiter, straight	1.60 mm	1.59 mm	3.27 mm
50.80.5204	upbiter, curved left	1.60 mm	1.59 mm	3.27 mm
50.80.5205	upbiter, curved right	1.60 mm	1.59 mm	3.27 mm



Basket Punch spoon

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5206	1.3 mm, upswept	1.30 mm	1.59 mm	3.27 mm
50.80.5207	1.5 mm, straight	1.60 mm	1.59 mm	3.88 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Basket Punch spoon

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5208	1.3 mm, downbiter	1.30 mm	1.59 mm	3.27 mm



Basket Punch spoon

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5209	1.5 mm, upswept	1.60 mm	1.59 mm	3.88 mm
50.80.5210	2.7 mm, straight	2.50 mm	1.77 mm	3.78 mm
50.80.5211	3.4 mm, straight	3.00 mm	2.03 mm	3.76 mm



Basket Punch spoon

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5212	upbiter, straight	2.28 mm	1.59 mm	3.88 mm



Basket Punch meniscal elevator

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5216	1.3 mm, straight	1.90 mm	1.60 mm	3.20 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches

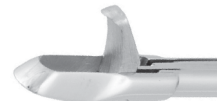


Standards handles



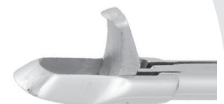
Basket Punch meniscal elevator

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5217	1.3 mm, upbiter, straight	1.90 mm	1.60 mm	3.20 mm



Posterior Basket Punch

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5221	straight	2.46 mm	2.18 mm	4.00 mm
50.80.5222	curved left	2.46 mm	2.18 mm	4.00 mm
50.80.5223	curved right	2.46 mm	2.18 mm	4.00 mm
50.80.5224	upswept	2.46 mm	2.18 mm	4.00 mm



Posterior Basket Punch

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5225	upbiter, straight	2.46 mm	2.18 mm	4.00 mm
50.80.5226	upbiter, curved left	2.46 mm	2.18 mm	4.00 mm
50.80.5227	upbiter, curved right	2.46 mm	2.18 mm	4.00 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Standards handles



Basket Punch unicorn

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5231	straight, left	3.93 mm	2.38 mm	5.58 mm
50.80.5232	straight, right	3.93 mm	2.38 mm	5.58 mm



Rongeur Raptor

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5233	straight	-	-	-

Max-Line Arthroscopy Instruments

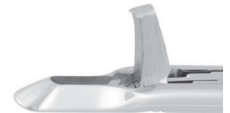
ARTHROSCOPY

Knee Instruments, Punches



Standards handles

Scissors Punch



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5236	straight	2.20 mm	1.20 mm	2.80 mm
50.80.5237	curved left	2.20 mm	1.20 mm	2.80 mm
50.80.5238	curved right	2.20 mm	1.20 mm	2.80 mm

Scissor Punch



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5239	upbiter, straight	2.20 mm	1.20 mm	2.80 mm
50.80.5240	upbiter, curved left	2.20 mm	1.20 mm	2.80 mm
50.80.5241	upbiter, curved right	2.20 mm	1.20 mm	2.80 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Punches



Rotatable handles



Cigar Handle



Rotary Scissors

Rotatable Handle	Cigar Handle	Description
50.82.5251	50.81.5251	jaw 20°, angled left
50.82.5252	50.81.5252	jaw 20°, angled right

Rotary Scissors, serrated

Rotatable Handle	Cigar Handle	Description
50.82.5253	50.81.5253	jaw 20°, angled left
50.82.5254	50.81.5254	jaw 20°, angled right

Rotary Hook Scissors

Rotatable Handle	Cigar Handle	Description
50.82.5255	50.81.5255	jaw 60°, angled left
50.82.5256	50.81.5256	jaw 60°, angled right

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Rotary Basket Punches, Grasping Forceps



Roratable handles



Cigar Handle

Rotary Basket Punch



Rotatable Handle	Cigar Handle	Description	Tip Profile	Bite Width	Tip Width
50.82.5300	50.81.5300	2.2 mm, jaw 90°, angled left	1.60 mm	2.20 mm	4.10 mm
50.82.5301	50.81.5301	2.2 mm, jaw 90°, angled right	1.60 mm	2.20 mm	4.10 mm
50.82.5302	50.81.5302	3.4 mm, jaw 90°, angled left	1.60 mm	3.40 mm	5.30 mm
50.82.5303	50.81.5303	3.4 mm, jaw 90°, angled right	1.60 mm	3.40 mm	5.30 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Rotary Basket Punches, Grasping Forceps



Standard handle with ratchet

Grasping Forceps

Standard handle with ratchet	Description
50.83.5400	1x2 teeth, straight

Grasping Forceps cupped, serrated



Standard handle with ratchet	Description
50.83.5401	2.7 mm, straight
50.83.5402	3.4 mm, straight

Grasping Forceps Alligator, 2.7 mm



Standard handle with ratchet	Description
50.83.5403	upbiter, straight
50.83.5404	upbiter, upswept

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Knee Instruments, Grasping Forceps



Standard handle with ratchet

Grasping Forceps Alligator, 2.7 mm



Standard handle with ratchet	Description
50.83.5405	straight
50.83.5406	upswept

Grasping Forceps Alligator, 3.4 mm



Standard handle with ratchet	Description
50.83.5407	straight
50.83.5408	upswept



Tissue Grasping Forceps with channel 2 mm



Standard handle with ratchet	Description
50.83.5416	straight

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Small Joint-Instruments, Punches



Standards handles



Punch, Oval Jr.

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5266	straight	1.20 mm	2.30 mm	3.50 mm
50.80.5267	curved left	1.20 mm	2.30 mm	3.50 mm
50.80.5268	curved right	1.20 mm	2.30 mm	3.50 mm



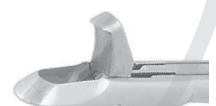
Duckbill-Punch Jr.

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5271	straight	1.20 mm	2.30 mm	3.50 mm



Duckbill-Punch Jr.

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5272	upbiter, straight	1.20 mm	2.30 mm	3.50 mm



Basket-Punch Blunt, Jr

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5275	straight	1.70 mm	1.80 mm	3.00 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Small Joint-Instruments, Scissors, Rongeurs, Grasping Forceps



Standards handles

Hook Scissors Jr.



Standard Handle	Description
50.80.5278	straight

Rongeur Raptor Jr.



Standard Handle	Description
50.80.5280	straight



Max-Line Arthroscopy Instruments

ARTHROSCOPY

Small Joint-Instruments, Scissors, Rongeurs, Grasping Forceps



Standards handles



Standard handle with ratchet

Grasping Forceps Alligator Jr.



Standard handle	Standard handle with ratchet	Description
-	50.83.5283	straight

Grasping Forceps Alligator Jr., 1x2 teeth



Standard handle	Standard handle with ratchet	Description
-	50.83.5284	straight

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Handles



Standard Handle

50.80.----

Scissors, basket punches and graspers feature our traditional standard handles



Standard handle with ratchet

50.83.----

All graspers featured this infinite-position, locking-handle design



Axial Handle

50.85.----

All graspers featured this infinite-position, handle design

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Shoulder-Instruments, Suture Guide, Suture Hook



Standard Handle

Axial Handle



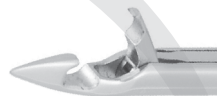
Clever Hook, Suture Hook

Standard Handle	Axial Handle	Description	Working Length
50.80.5500	50.85.5500	pointed tip left, straight	155 mm
50.80.5501	50.85.5501	pointed tip right, straight	155 mm



Sixer, Suture Hook

Standard Handle	Axial Handle	Description	Working Length
50.80.5504	50.85.5504	turned left	155 mm
50.80.5505	50.85.5505	turned right	155 mm



Bird Beak, Suture Hook Forceps

Standard Handle	Axial Handle	Description	Working Length
50.80.5508	50.85.5508	straight	155 mm



Bird Beak, Suture Hook Forceps

Standard Handle	Axial Handle	Description	Working Length
50.80.5509	50.85.5509	jaw 45° angled left, straight	155 mm
50.80.5510	50.85.5510	jaw 45° angled right, straight	155 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Shoulder-Instruments, Suture Guide, Suture Hook



Standard Handle

Axial Handle



Bird Beak, Suture Hook Forceps

Standard Handle	Axial Handle	Description	Working Length
50.80.5511	50.85.5511	jaw 20° angled, upbiter, straight	155 mm
50.80.5512	50.85.5512	jaw 40° angled, upbiter, straight	155 mm



Suture Punch

Standard Handle	Axial Handle	Description	Working Length
50.80.5625	50.85.5625	straight	155 mm



Double Hook, Suture Hook

Standard Handle	Axial Handle	Description	Working Length
50.80.5626	50.85.5626	straight	155 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Shoulder-Instruments, Suture Guide, Suture Hook



Sliding lock handle

Axial Handle

Sutur Retrifer Grasper, serrated



Sliding lock handle	Axial Handle	Description	Working Length
50.83.5601	-	straight	155 mm

Sutur Retrifer Grasper, serrated



Sliding lock handle	Axial Handle	Description	Working Length
50.83.5602	-	jaw 45° angled left, straight	155 mm
50.83.5603	-	jaw 45° angled right, straight	155 mm

Sutur Retrifer Grasper, serrated



Sliding lock handle	Axial Handle	Description	Working Length
50.83.5604	-	jaw 15° upbiter, straight	155 mm

King Sutur Retrifer Grasper, cross serrated



Sliding lock handle	Axial Handle	Description	Working Length
50.83.5606	-	straight	155 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Shoulder-Instruments, Suture Guide, Suture Hook



Handle with positioning

Sliding, Suture Hook



Handle with positioning	Axial Handle	Description	Working Length
50.84.5655	-	straight	155 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Hip-Instruments, Punches



Standards handles

Hook Punch, small



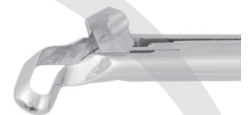
Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5701	straight	1.90 mm	1.67 mm	2.89 mm

Hook Punch, small



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5702	upbiter, straight	1.90 mm	1.67 mm	2.89 mm

Basket Punch, small



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5706	jaw 45° downbiter left, straight	1.50 mm	1.67 mm	2.89 mm
50.80.5707	jaw 45° downbiter right, straight	1.50 mm	1.67 mm	2.89 mm

Basket Punch, small



Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5711	straight	1.93 mm	3.20 mm	5.00 mm
50.80.5712	upswept	1.93 mm	3.20 mm	5.00 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Hip-Instruments, Punches, Rongeurs



Standards handles



Ducky Punch, medium

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5713	upbiter, straight	1.93 mm	3.20 mm	5.00 mm



Basket Punch unicorn

Standard Handle	Description	Tip Profile	Bite Width	Tip Width
50.80.5716	straight, left	3.93 mm	2.38 mm	5.58 mm
50.80.5717	straight, right	3.93 mm	2.38 mm	5.58 mm



Rongeur Raptor

Standard Handle	Description
50.80.5720	straight

Max-Line Arthroscopy Instruments

ARTHROSCOPY

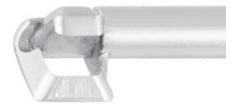
Hip-Instruments, Punches, Rongeurs



Roratable handles



Cigar Handle



Rotary Basket Punch

Rotatable Handle	Cigar Handle	Description	Tip Profile	Bite Width	Tip Width
50.82.5751	50.81.5751	2.2 mm, jaw 90° angled left, straight	1.60 mm	2.20 mm	4.10 mm
50.82.5752	50.81.5752	2.2 mm, jaw 90°, angled right, straight	1.60 mm	2.20 mm	4.10 mm

Max-Line Arthroscopy Instruments

ARTHROSCOPY

Hip-Instruments, Grasping Forceps



Standard handle with ratchet

Grasping Forceps 1x2 tooth

Standard handle with ratchet	Description
50.83.5760	straight



Grasping Forceps cupped, serrated

Standard handle with ratchet	Description
50.83.5761	2.7 mm, straight
50.83.5762	3.4 mm, straight



straight



Standard handle with ratchet	Description
50.83.5763	straight



50.45.5010 Hook Probe, pointed



50.45.5011 Knife retrograd Ø 5.0 mm, curved 45°



50.45.5012 Bajonet Knife



50.45.5013 Banana Knife, serrated



50.45.5014 Banana Knife, smooth



50.45.5015 Spoon Ø 3.0 mm, curved 30°



50.45.5016 Ring Curette Ø 3.0 mm, curved 30°



50.45.5017 Ring Curette Ø 7.0 mm, curved 30°



50.45.5018 Hook Probe Ø 3.0 mm, graduated



50.45.5019 Hook Probe Ø 5.0 mm, graduated



50.45.5020 Meniscotome Smillie Ø 3.0 mm



50.45.5021 Meniscotome Smillie Ø 5.0 mm



50.45.5022 Meniscotome Smillie Ø 7.0 mm



50.45.5023 Scalpel Knife



50.45.5024 Rosette Knife Ø 3.0 mm, straight



50.45.5025 Rosette Knife Ø 3.0 mm, curved left 30°



50.45.5026 Rosette Knife Ø 3.0 mm, curved right 30°



50.45.5027 Sickle Knife



50.45.5028 Hook Knife Ø 3.0 mm, curved 90°



50.45.5029 Rasp narrow straight, fine

50.45.5030 Rasp narrow straight, coarse

50.45.5031 Oval curette Ø 5.0 mm, curved 15°

50.45.5032 Oval curette Ø 3.0 mm, curved 30°

50.45.5033 Ring curette Ø 5.0 mm, curved 15°



Shaver Blades

ARTHROSCOPY

Multi-use all stainless steel, Non Sterile

Single-use, Non Sterile



Full Radius Resector, Outer and inner blade, non-serrated

Single-use	Single-use 15° curved	Single-use 30° curved	Multi-use all stainless steel	Ø
50.25.2501	-	-	50.35.2501	Ø 2.5 mm
50.25.3501	50.15.3501	50.30.3501	50.35.3501	Ø 3.5 mm
50.25.4201	50.15.4201	50.30.4201	50.35.4201	Ø 4.2 mm
50.25.5501	50.15.5501	50.30.5501	50.35.5501	Ø 5.5 mm



Aggressive Full Radius, Outer blade non-serrated, inner blade serrated

Single-use	Single-use 15° curved	Single-use 30° curved	Multi-use all stainless steel	Ø
50.25.2502	-	-	50.35.2502	Ø 2.5 mm
50.25.3502	50.15.3502	50.30.3502	50.35.3502	Ø 3.5 mm
50.25.4202	50.15.4202	50.30.4202	50.35.4202	Ø 4.2 mm
50.25.5502	50.15.5502	50.30.5502	50.35.5502	Ø 5.5 mm



Meniscus Cutter, Outer blade serrated, inner blade non-serrated

Single-use	Single-use 15° curved	Single-use 30° curved	Multi-use all stainless steel	Ø
50.25.2503	-	-	50.35.2503	Ø 2.5 mm
50.25.3503	50.15.3503	50.30.3503	50.35.3503	Ø 3.5 mm
50.25.4203	50.15.4203	50.30.4203	50.35.4203	Ø 4.2 mm
50.25.5503	50.15.5503	50.30.5503	50.35.5503	Ø 5.5 mm



1 Box: 5 pieces

Note:

- Maxer Shaver blade single use - sterile packed - minimum purchase 100 pieces.
- Other Shaver blade connection on request.
- Maxer Shaver blades are compatible to Linvatec & Arthrex shaver also.

Shaver Blades

ARTHROSCOPY

Trimmer, Outer and inner blade, non-serrated, square window

Single-use	Single-use 15° curved	Single-use 30° curved	Multi-use all stainless steel	Ø
50.25.2504	-	-	50.35.2504	Ø 2.5 mm
50.25.3504	50.15.3504	50.30.3504	50.35.3504	Ø 3.5 mm
50.25.4204	50.15.4204	50.30.4204	50.35.4204	Ø 4.2 mm
50.25.5504	50.15.5504	50.30.5504	50.35.5504	Ø 5.5 mm



Aggressive, Meniscus Cutter, Outer and inner blade, serrated

Single-use	Single-use 15° curved	Single-use 30° curved	Multi-use all stainless steel	Ø
50.25.2505	-	-	50.35.2505	Ø 2.5 mm
50.25.3505	50.15.3505	50.30.3505	50.35.3505	Ø 3.5 mm
50.25.4205	50.15.4205	50.30.4205	50.35.4205	Ø 4.2 mm
50.25.5505	50.15.5505	50.30.5505	50.35.5505	Ø 5.5 mm



Conical Double Full Radius, Outer and inner blade, non-serrated

Single-use	Ø
50.25.4206	Ø 4.2 mm



Round Burr

Single-use	Multi-use all stainless steel	Ø
-	50.40.3011	Ø 3.0 mm
50.20.4211	50.40.4211	Ø 4.2 mm
50.20.5511	50.40.5511	Ø 5.5 mm



Tapered Burr

Single-use	Multi-use all stainless steel	Ø
50.20.5512	50.40.5512	Ø 5.5 mm



Oval Burr

Single-use	Multi-use all stainless steel	Ø
50.20.5513	50.40.5513	Ø 5.5 mm



1 Box : 5 pieces

Note:

- Maxer Shaver blade single, use sterile packed, minimum purchase 10 pcs.
- Other Shaver blade connection on request.
- Maxer Shaver blades are compatible to Linvatec & Arthrex shaver also.

Monopolar Arthroscopy Electrodes

ARTHROSCOPY

4 mm, Reusable, Autoclavable with Handle



50.15.1140

Needle electrode 115 x 1.5 x Ø 0.6 mm, 90° angular, with handle



50.15.1141

Needle electrode 115 x 4 x Ø 0.6 mm, 90° angular with handle



50.15.1142

Knife electrode 115 x 4 x Ø 1.5 mm, 90° angular with handle



50.15.1143

Button electrode with handle, 90° angled, 4 mm, length 115 mm, Ø 1.5 mm



50.15.1144

Ball electrode 115 x Ø 3 with handle

Monopolar Arthroscopy Electrodes

ARTHROSCOPY

Reusable, Autoclavable for 4 mm pen and 2.36 mm pen, working length 115 mm



50.15.2151	50.15.3151	Needle electrode 90° angular, Ø 1.5 mm x Ø 0.6 mm
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50.15.2152	50.15.3152	Needle electrode 90° angular, Ø 4.0 mm x Ø 0.6 mm
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50.15.2153	50.15.3153	Needle electrode 90° angular, Ø 3.0 mm x Ø 1.5 mm
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50.15.2154	50.15.3154	Brush electrode angular 70°
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50.15.2155	50.15.3155	Button electrode, Ø 3.0 mm, straight
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50.15.2156	50.15.3156	Ball electrode hollow, angular 70°
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50.15.2157	50.15.3157	Ball electrode flat, angular 70°
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Design changes may take place without prior notice.

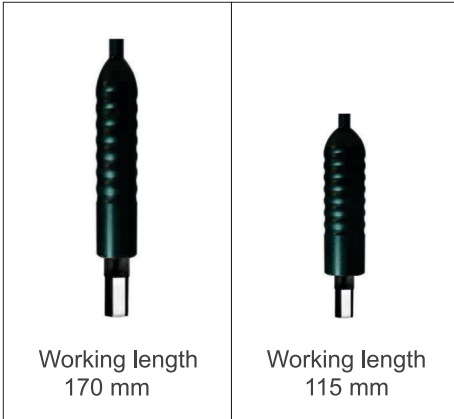


20.55.0003	High frequency cable, monopolar, male / male, 3 m length
20.55.0005	High frequency cable, monopolar, male / male, 5 m length
20.55.1003	High frequency cable, monopolar, male / female, 3 m length
20.55.1005	High frequency cable, monopolar, male / female, 5 m length
20.55.2003	High frequency cable, monopolar, female / female, 3 m length
20.55.3003	High frequency cable, monopolar, female / male = "Big Jack" (Valleylab), 3 m length

Bipolar Arthroscopy Electrodes

ARTHROSCOPY

Reusable, Autoclavable for use in SALINE SOLUTION



50.15.1701	50.15.1151	Bipolar vaporization electrode, "Phazer" angular 90°
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50.15.1702	50.15.1152	Bipolar vaporization electrode, "Phazer" angular 70°
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50.15.1703	50.15.1153	Bipolar needle electrode, Ø 1.5 mm X Ø 0.6 mm, angular 90°
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Bipolar Instrument Cable

ARTHROSCOPY

Cable for instruments, 3 m length

	Bipolar-Units	Instruments
20.67.2003	 Erbe/Wisap/Storz	 flat plug
20.67.2103	 GIMMI / Martin / Berchtold	 flat plug
20.67.2203	 Valleylab	 flat plug



UNITS

LAPAROSCOPY

UROLOGY

HYSTEROSCOPY

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ENT

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