Maxer

GERMANY

ARTHROSCOPY

ARTHROSCOPY M SYSTEM

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

VERSION 15J15

About Maxer

Maxer Medizintechnik GmbH has established itself as a symbol of creativity and latest technology and is an internationally qualified supplier of world class medical instruments and devices.

Specialized in the field of Minimal Invasive Surgery, Maxer manufactures wide range of equipments such as Laparoscopy, Hysteroscopy, Urology, Pediatric Surgery, Arthroscopy, Spine Endoscopy, ENT etc.

Maxer has been one of the foremost companies to bring out HD technology in MIS field. In 2004, Maxer brought out first endoscopy camera with Matrix Metering. In 2008, Maxer brought out HD Telescopes. In 2009, Maxer launched first Networked Endoscopy Camera System. In 2010, Maxer introduced pathbreaking 16 Fr Resectoscope for Office Hysteroscopy. In 2011, Maxer launched LED Headlight with 200,000 Lux illumination, again a state of art in this segment. In 2012, Maxer launched LED Light sources to keep Maxer customers always at the cutting edge of technology. Maxer has also launched HD cameras with integrated Full HD recording. 3 CMOS HD cameras with 6 megapixel camera head will be launched soon.

Owners of Maxer have been working in Medical market for more than 20 years and have installed thousands of sets with high level of customer satisfaction. This background has given Maxer profound credibility in the field of endoscopy.

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

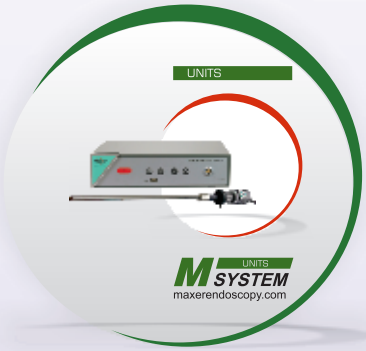
Maxer sells complete system with a focus on product quality and customers satisfaction. Maxer provides sales and service training to it's distributor in order to be successful.

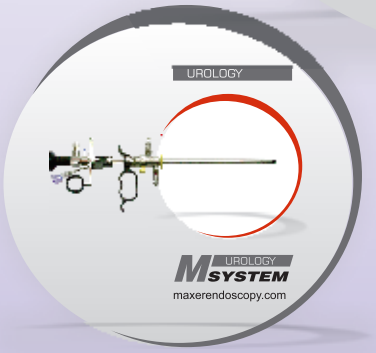
Maxer believes that sound ethics with professionalism will only give success to the company. Maxer's growth and success are based on long term partnerships with customers, distributors. Maxer currently exports it's products to Europe, Asia, Africa.

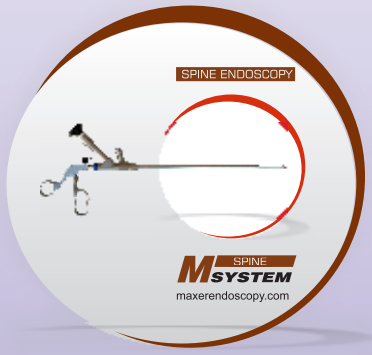
Maxer is headed by Mr. Giovanni Miranda in the capacity as a Managing Director.

How to reach to Maxer - Maxer is located in Wurmlingen (sales office) within the medical instruments manufacturing region around Tuttlingen in South Germany. Maxer also has registered office at Spaichingen.

Maxer
GERMANY







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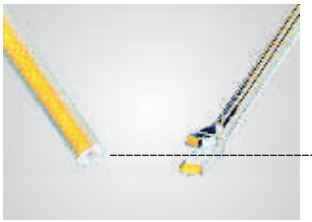
Arthroscopes from Maxer, Germany

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.

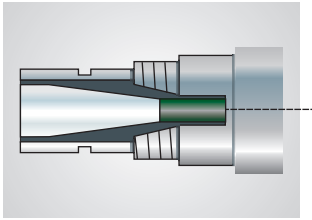


Ø 4.0 mm 0° 30° 45° 70°

Ø 2.7 mm 0° 30° 70°

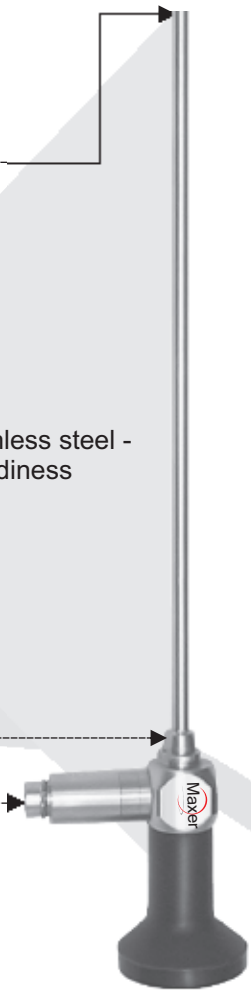
Sapphire tip -
For 3 times more scratch resistance, safe with shaver blades

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

Design changes may take place without prior notice.

Arthroscopes

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

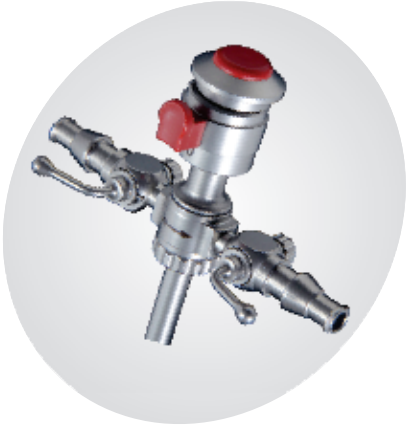
Standard Version 1.9 mm

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

Design changes may take place without prior notice.

Arthroscopy Sheath

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

Design changes may take place without prior notice.

Arthroscopy Sheath

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)

Arthroscopy Instruments

Standard Instruments

FEATURES

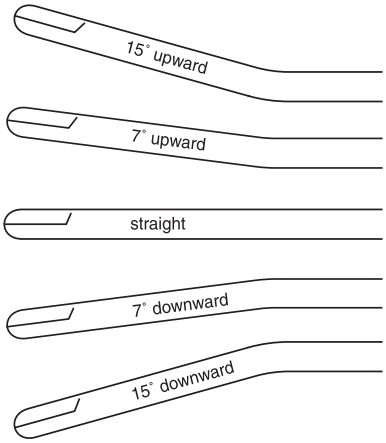
- Tubular Construction
- Built in overload Protection
- Stainless Steel
- Autoclavable 134° C

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

Design changes may take place without prior notice.

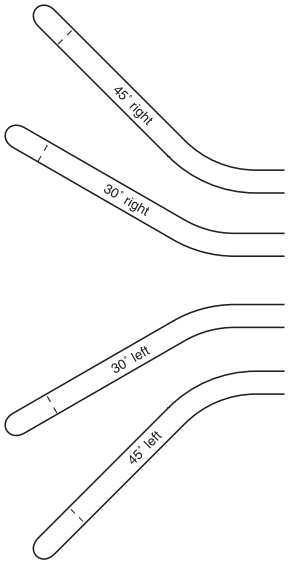
Arthroscopy Instruments

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



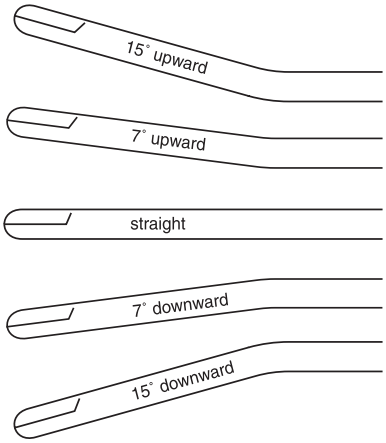
Ø 3.4 mm	Ø 2.8 mm		
50.50.4534	**50.50.4528**	▶	45°
50.50.3034	**50.50.3028**	▶	30°
50.50.3430	**50.50.2830**	◀	30°
50.50.3445	**50.50.2845**	◀	45°

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

Design changes may take place without prior notice.

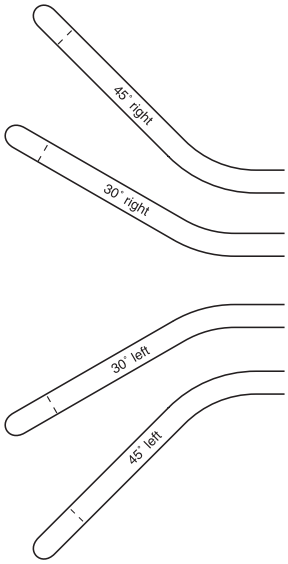
Arthroscopy Instruments

Hook scissor, Curved Vertical



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

Curved horizontal



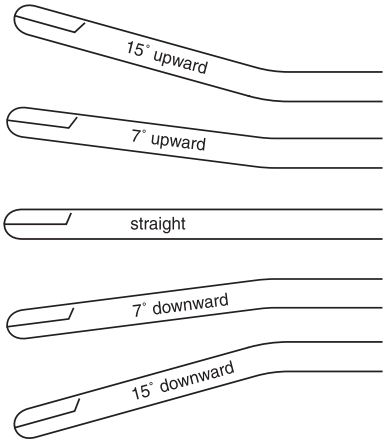
Ø 3.4 mm	Ø 2.8 mm		
50.34.4500	**50.28.4500**	▶	45°
50.34.3000	**50.28.3000**	▶	30°
50.34.0030	**50.28.0030**	◀	30°
50.34.0045	**50.28.0045**	◀	45°

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

Design changes may take place without prior notice.

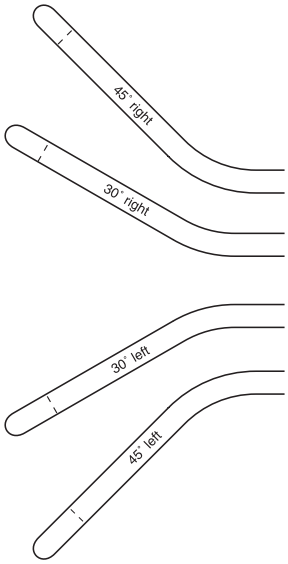
Arthroscopy Instruments

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

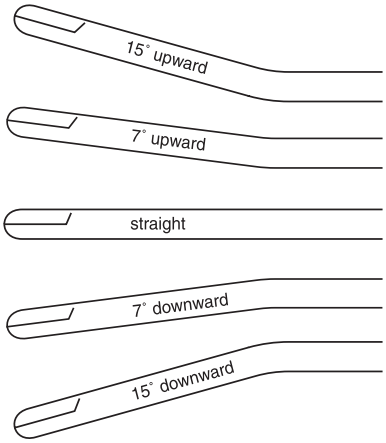


Ø 3.4 mm	Ø 2.8 mm		
50.65.4534	**50.65.4528**	▶	45°
50.65.3034	**50.65.3028**	▶	30°
50.65.3430	**50.65.2830**	◀	30°
50.65.3445	**50.65.2845**	◀	45°

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

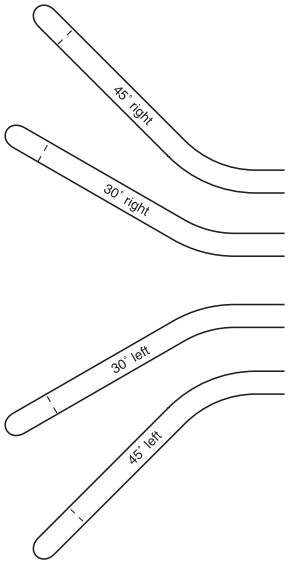
Design changes may take place without prior notice.

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



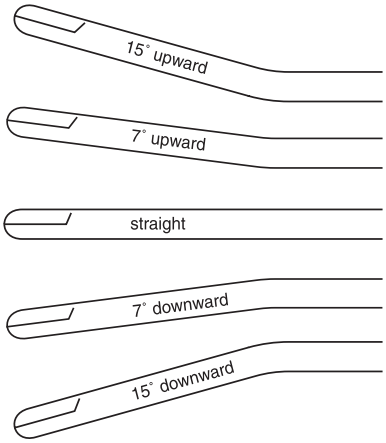
Ø 3.4 mm	Ø 2.8 mm		
50.60.4534	**50.60.4528**	▶	45°
50.60.3034	**50.60.3028**	▶	30°
50.60.3430	**50.60.2830**	◀	30°
50.60.3445	**50.60.2845**	◀	45°

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

Design changes may take place without prior notice.

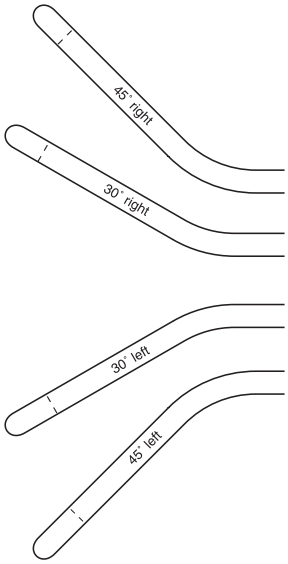
Arthroscopy Instruments

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

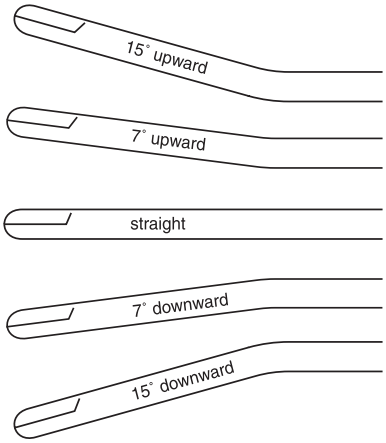


Ø 3.4 mm		
50.70.4534	▶	45°
50.70.3034	▶	30°
50.70.3430	◀	30°
50.70.3445	◀	45°

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

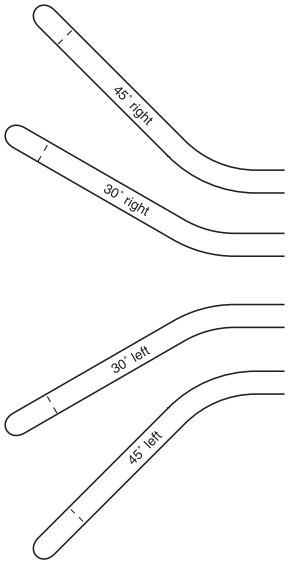
Design changes may take place without prior notice.

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

Design changes may take place without prior notice.

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

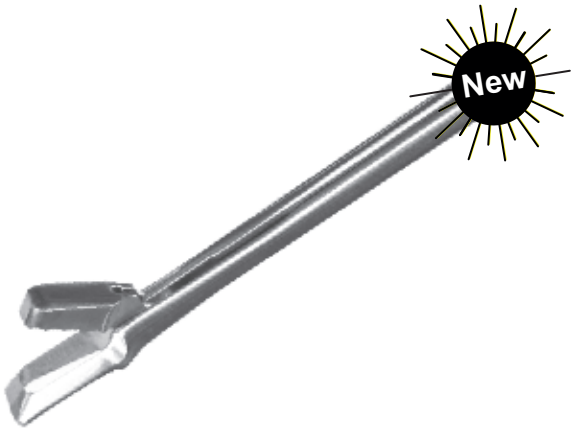
without ratchet	with ratchet	
50.45.3402	**50.46.3402**	Ø 3.4 mm

50.46.3405	Straight shaft grasper with ratchet

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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.

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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 and keeps the cutting surface parallel to the tibial plateau

Angled to reach the anterior and posterior meniscus

Design changes may take place without prior notice.

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

Design changes may take place without prior notice.

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 1.0mm

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

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

Design changes may take place without prior notice.

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

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

Design changes may take place without prior notice.

Knee Instruments, Punches

Standards handles

Duckly 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

Duckly 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

Duckly 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

Knee Instruments, Punches

Standards handles

Duckly 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

Duckly 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

Design changes may take place without prior notice.

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

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

Design changes may take place without prior notice.

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

Design changes may take place without prior notice.

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

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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	-	-	-

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

Max-Line Arthroscopy Instruments

Knee Instruments, Punches

Standards handles

Scissors Punch

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

Hook Scissors

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

Design changes may take place without prior notice.

Knee Instruments, Punches

Roratable 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

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

Design changes may take place without prior notice.

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

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

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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

Standards handles

Hook Scissors Jr.

Standard Handle	Description
50.80.5278	straight

Rongeur Raptor Jr.

Standard Handle	Description
50.80.5280	straight

Design changes may take place without prior notice.

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

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

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

Shoulder-Instruments, Suture Guide, Suture Hook

Sliding lock handle

Axial Handle

Sutur Retriver Grasper, serrated

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

Sutur Retriver 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 Retriver Grasper, serrated

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

King Sutur Retriver Grasper, cross serrated

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

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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

Design changes may take place without prior notice.

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

Hip-Instruments, Punches, Rongeurs

Standards handles

Duckly 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

Design changes may take place without prior notice.

Max-Line Arthroscopy Instruments

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

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

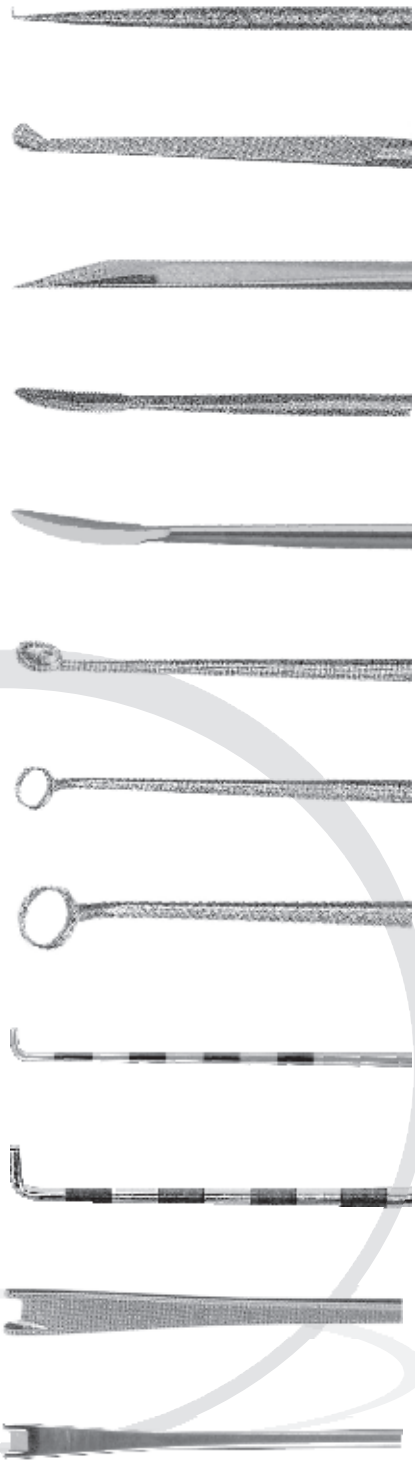
straight

Standard handle with ratchet	Description
50.83.5763	straight

Design changes may take place without prior notice.

Arthroscopy Instruments - Probes

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



Design changes may take place without prior notice.

Arthroscopy Instruments - Probes

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°

Design changes may take place without prior notice.

Shaver Blades

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

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

Design changes may take place without prior notice.

Shaver Blades

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

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

Design changes may take place without prior notice.

Monopolar Arthroscopy Electrodes

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

ERBE-, Berchtold-, Bowa-	Arthrex-, Linvatec-
Ø 4 mm	Ø 2.36 mm

50.15.2151	**50.15.3151**	Needle electrode 90° angular, Ø 1.5 mm x Ø 0.6 mm	
50.15.2152	**50.15.3152**	Needle electrode 90° angular, Ø 4.0 mm x Ø 0.6 mm	
50.15.2153	**50.15.3153**	Needle electrode 90° angular, Ø 3.0 mm x Ø 1.5 mm	
50.15.2154	**50.15.3154**	Brush electrode angular 70°	
50.15.2155	**50.15.3155**	Button electrode, Ø 3.0 mm, straight	
50.15.2156	**50.15.3156**	Ball electrode hollow, angular 70°	
50.15.2157	**50.15.3157**	Ball electrodeflat, angular 70°	

Design changes may take place without prior notice.

Monopolar - High Frequency Cable

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

Design changes may take place without prior notice.

Bipolar Arthroscopy Electrodes

Reusable, Autoclavable for use in SALINE SOLUTION

Working length 170 mm	Working length 115 mm

50.15.1701	**50.15.1151**	Bipolar vaporization electrode, "Phazer" angular 90°	
50.15.1702	**50.15.1152**	Bipolar vaporization electrode, "Phazer" angular 70°	
50.15.1703	**50.15.1153**	Bipolar needle electrode, Ø 2.0 mm X Ø 0.6 mm, angular 90°	
50.15.1704	**50.15.1154**	Bipolar needle electrode, Ø 4.0 X Ø 0.6 mm, angular 90°	
50.15.1705	**50.15.1155**	Bipolar electrode "Cobra"	

Design changes may take place without prior notice.

Bipolar Instrument Cable

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

Design changes may take place without prior notice.

NOTES

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