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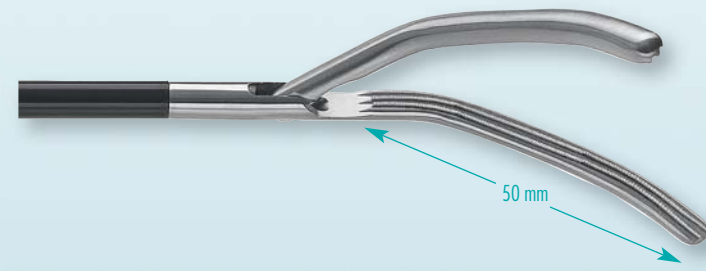
# Advanced LAPAROSCOPIC UROLOGY



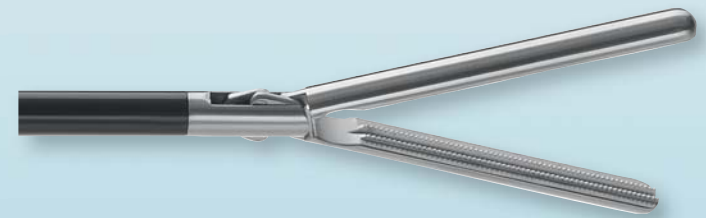
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VASCULAR CLAMPS for perfect temporary atraumatic occlusion

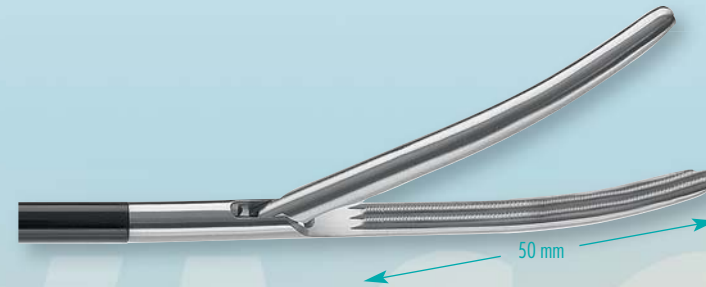
JAW INSERT



300-400-200  
**SATINSKY**  
Atraumatic Clamp, 50mm  
300-400-202  
**SATINSKY**  
Atraumatic Clamp, 40mm



300-400-245  
**DeBAKEY**  
Atraumatic Clamp,  
40mm double action jaws,  
straight



300-400-206  
**CRAFOORD**  
Atraumatic Clamp, 50mm  
300-400-204  
**CRAFOORD**  
Atraumatic Clamp, 35mm

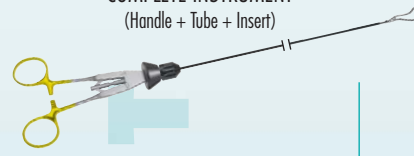


300-400-220  
**DeBAKEY**  
Pulmonary Atraumatic  
Clamp, curved-shape



300-400-221  
**DeBAKEY**  
Pulmonary Atraumatic  
Clamp, s-shaped

COMPLETE INSTRUMENT  
(Handle + Tube + Insert)



300-490-200

300-490-202

300-490-245

300-490-206

300-490-204

300-490-220

300-490-221

INSULATED OUTER TUBE

300-660-005  
Ø 5mm, 330mm

300-660-005  
Ø 5mm, 330mm

300-660-005  
Ø 5mm, 330mm

300-660-005  
Ø 5mm, 330mm

300-660-005  
Ø 5mm, 330mm

STANDARD HANDLES



300-750-015  
(non-rotating)



300-750-015  
(non-rotating)



300-750-015  
(non-rotating)

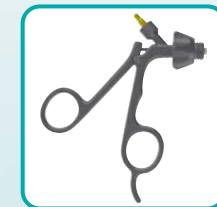


300-750-015  
(non-rotating)



300-750-015  
(non-rotating)

HANDLE OPTIONS



300-750-004



300-750-008



300-750-016



300-750-001



300-750-003



300-750-005



300-750-021



300-750-115  
(rotating)

## VASCULAR APPLIERS AND CLIPS for perfect temporary atraumatic occlusion



300-100-773 17mm jaws  
300-100-774 25mm jaws  
Endoscopic **Klein** Bulldog Clamp, straight, with atraumatic DeBakey serrations



300-100-771 45mm jaws  
300-100-772 60mm jaws  
Endoscopic **Klein** Bulldog Clamp, straight, with atraumatic DeBakey serrations



300-100-776 17mm jaws  
300-100-777 25mm jaws  
Endoscopic **Klein** Bulldog Clamp, curved, with atraumatic DeBakey serrations



300-100-778 45mm jaws  
300-100-779 60mm jaws  
Endoscopic **Klein** Bulldog Clamp, curved, with atraumatic DeBakey serrations



300-100-786 60mm jaws  
Endoscopic **Klein** Satinsky Bulldog Clamp, with atraumatic DeBakey serrations, to be used with flexible Trocar System



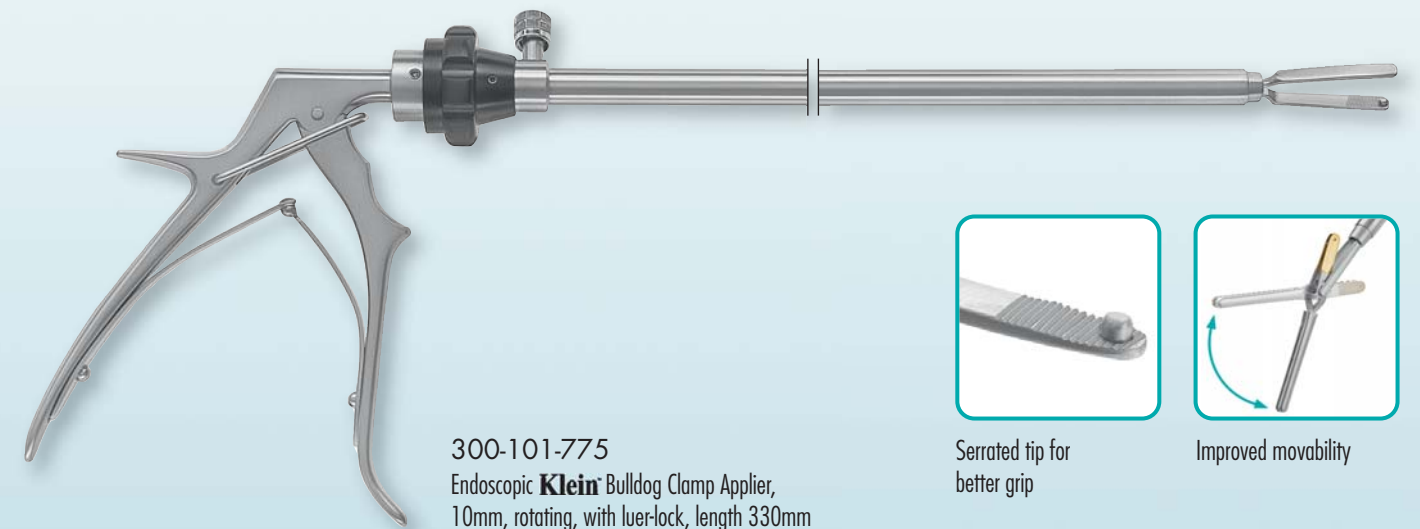
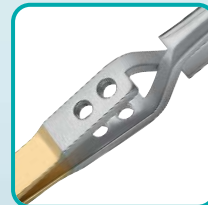
300-100-789 60mm jaws  
Endoscopic **Klein** Satinsky Bulldog Clamp, curved, with atraumatic DeBakey serrations, to be used with flexible Trocar System

### Endoscopic **Klein** Bulldog Clamps with DeBakey serration advantages:

- Secure holding of occluded tissue structure
- Occlusion of vessel and other tissue without an additional part
- Atraumatic cross clamping of the colon



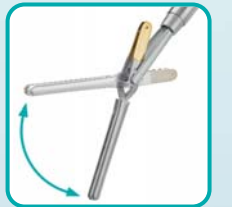
2x3 rows of teeth



300-101-775  
Endoscopic **Klein** Bulldog Clamp Applier,  
10mm, rotating, with luer-lock, length 330mm



Serrated tip for better grip



Improved movability



300-101-779  
Stabilization tube to avoid rotating of the bulldogs in the jaw  
of the Endoscopic Bulldog Clamp Applier, length: 300mm



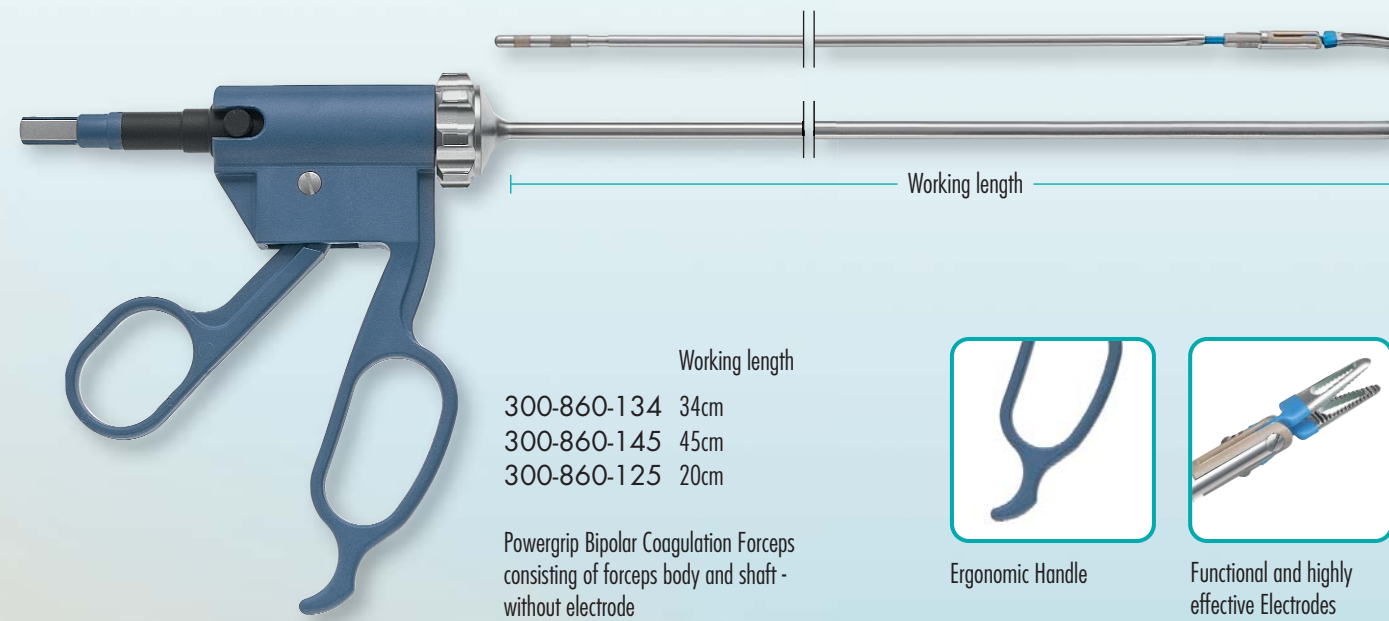
300-410-775  
Endoscopic Bulldog Clamp Applier,  
detachable, 10mm, rotating, length: 330mm



300-401-775  
Endoscopic Bulldog Clamp Applier, detachable (insert only)



## DETACHABLE BIPOLAR FORCEPS for safe and easy surgery

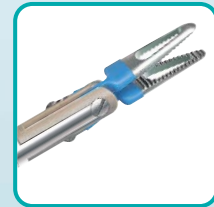


	Working length
300-860-134	34cm
300-860-145	45cm
300-860-125	20cm

Powergrip Bipolar Coagulation Forceps consisting of forceps body and shaft - without electrode



Ergonomic Handle



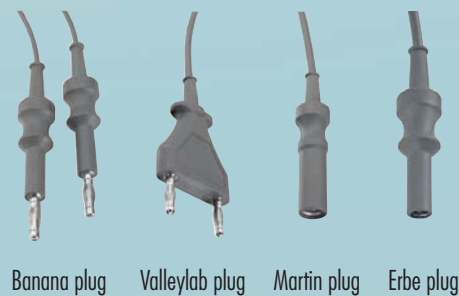
Functional and highly effective Electrodes

## Electrodes

	300-860-010 34cm 300-860-023 45cm 300-860-063 20cm	Powergrip Bipolar Grasping Forceps, fenestrated jaws, double action, serrated, 5mm
	300-860-011 34cm 300-860-021 45cm 300-860-061 20cm	Powergrip Bipolar Grasping Forceps, slightly curved, double action, 5mm
	300-860-014 34cm 300-860-024 45cm 300-860-064 20cm	Powergrip Bipolar Delta Grasping Forceps, 5mm
	300-860-015 34cm 300-860-025 45cm 300-860-065 20cm	Powergrip Bipolar Grasping Forceps, 5mm, curved
	300-860-018 34cm 300-860-028 45cm 300-860-068 20cm	Powergrip Bipolar TC-Metzenbaum Scissors, 5mm
	300-860-019 34cm 300-860-029 45cm 300-860-069 20cm	Powergrip Bipolar Maryland Grasping Forceps, 5mm

## Bipolar Cables

	3m	5m
Generator end: 2 banana plug	300-860-100	300-860-200
Generator end: Valleylab plug	300-860-105	300-860-205
Generator end: Martin plug	300-860-102	300-860-202
Generator end: Erbe plug	300-860-103	300-860-203



Banana plug Valleylab plug Martin plug Erbe plug

## MONOPOLAR ELECTRODES with ceramic tip for safe coagulation



Monopolar Coagulation Electrode with ceramic tip, 330mm

### Advantages

- no electrical breakdown on the distal end of the electrode
- durable working tip



Ceramic Tip

	Working length	
	300-163-410 34cm 300-163-610 45cm	J-Hook
	300-163-420 34cm 300-163-620 45cm	L-Hook
	300-163-430 34cm 300-163-630 45cm	Spatula
	300-163-450 34cm 300-163-650 45cm	Knife
	300-163-460 34cm 300-163-660 45cm	45° Needle
	300-163-470 34cm 300-163-670 45cm	Needle

## Monopolar Cables



round-plug 4mm



1 banana pin 4mm Martin, Berchtold, Aesculap GK55 + GK60 Erbe Valleylab, Lamidey, EMC

3m	700-280-030	700-285-030	700-101-030	700-360-031
5m	700-280-050	700-285-050	700-101-050	700-360-051

# LAPAROSCOPIC INSTRUMENTS for suturing, cutting, dissection and grasping








## JAW INSERT

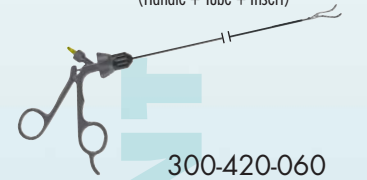
## COMPLETE INSTRUMENT (Handle + Tube + Insert)

## INSULATED OUTER TUBE

## STANDARD HANDLES

## HANDLE OPTIONS

	Ø 5mm, 330mm	300-400-060 <b>HOOK</b> Scissors with round cutting blades, single action
	Ø 5mm, 330mm	300-400-067 <b>ORIGINAL METZENBAUM</b> Scissors, short blades (12mm), slightly curved, double action
	Ø 5mm, 330mm	300-400-070 <b>METZENBAUM</b> Scissors, long blades (18mm), slightly curved, double action
	Ø 5mm, 330mm	300-400-731 <b>MARYLAND</b> Extra fine dissector, slightly tapered tip, gently curved
	Ø 5mm, 330mm	300-400-738 <b>MIXER</b> Fine dissecting forceps, 90° angled, fine serrated jaws, double action
	Ø 5mm, 330mm	300-400-252 <b>BABCOCK</b> Traditional style grasping forceps, rounded jaws fine serrations, double action
	Ø 10mm, 330mm	300-400-710 <b>CLAW</b> Grasping forceps, aggressive 2 x 3 teeth and smooth inner jaws, single action



300-420-060

300-420-067

300-420-070

300-420-731

300-420-738

300-440-252

300-440-252



	300-660-005 Ø 5mm, 330mm		300-750-004
	300-660-015 Ø 5mm, 330mm		300-750-004
	300-660-005 Ø 5mm, 330mm		300-750-004
	300-660-005 Ø 5mm, 330mm		300-750-004
	300-660-005 Ø 5mm, 330mm		300-750-004
	300-660-005 Ø 5mm, 330mm		300-750-008
	300-660-010 Ø 10mm, 330mm		300-750-008

	300-750-004		300-750-008
	300-750-016		300-750-001
	300-750-003		300-750-005
	300-750-021		300-750-115 (rotating)

Many more models are available - we offer a wide range of laparoscopic instruments and accessories, please contact us.



## ENDOSCOPIC NEEDLE HOLDERS for a reliable grip



Mathieu TC Endoscopic Needle Holder, traditional ratchet design, spring loaded handle

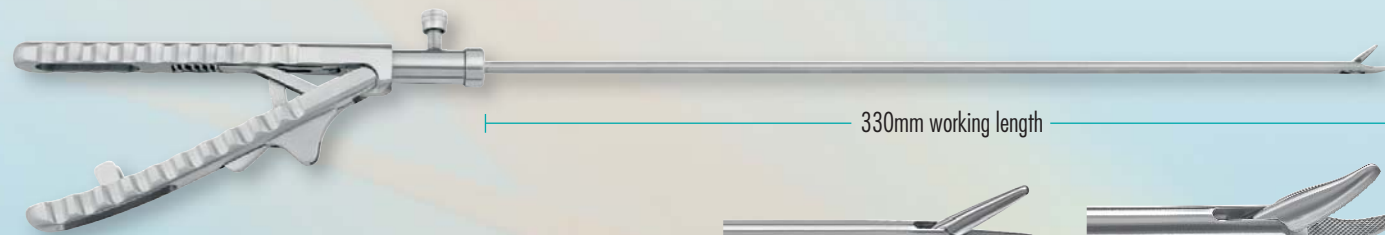
### Advantages

- For intra- & extracorporeal suturing
- Jaw with TC inserts: firm & reliable grip of suturing needles
- Ergonomic designed handle: easy posture by alignment of the surgeon's hand with the suturing needle
- Curved, fine tapered jaw: precise control

300-330-033  
Curved left, Ø 5mm



300-332-033  
Curved right, Ø 5mm



Dick TC Endoscopic Needle Holder, traditional ratchet design, spring loaded handle

### Advantages

- Strong axial handle
- Automatic locking mechanism
- Smoothly releasing interlock means: easy and quick opening of ratchet

300-100-695  
Straight jaw, Ø 5mm



300-100-696  
Left curved jaw, Ø 5mm



## KNOT TIERS 330mm working length



300-030-001  
Classic knot tier with slit and eye for extra corporal knotting, Ø 4 mm.  
Ergonomic handle design for secure holding and rotation of the knot tier.



300-030-004  
Knot tier with eye for extra corporal knotting, Ø 4 mm.  
Ergonomic handle design for secure holding and rotation of the knot tier.



300-030-000  
Knot tier with longitudinal conical shape for secure holding of extracorporeal knots to suture site, Ø 4 mm, 330 mm working length.  
Ergonomic handle design for secure holding and rotation of the knot tier.



## ACCESSORIES

### Scalpel handle and blades



300-260-005

Scalpel handle, only for use with 5 mm and 5.5 mm RZ SiliPort trocar sleeves and scalpel blades 300-270-001, 300-270-002, 300-270-003



300-270-001

Scalpel blade with rounded tip



300-270-002

Scalpel blade with straight cutting edge



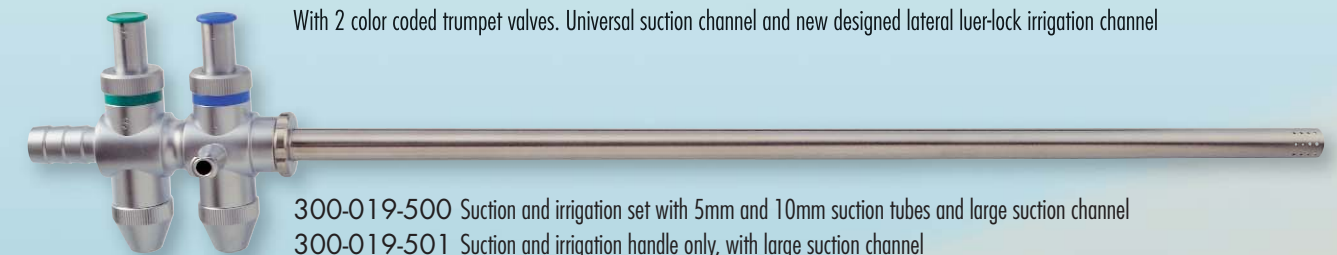
300-270-003

Scalpel blade with pointed tip and curved cutting edge

Package contains 10 pcs.

### RZ EASYCLEAN Suction and Irrigation System

With 2 color coded trumpet valves. Universal suction channel and new designed lateral luer-lock irrigation channel



300-019-500 Suction and irrigation set with 5mm and 10mm suction tubes and large suction channel

300-019-501 Suction and irrigation handle only, with large suction channel

300-019-600 Suction and irrigation set with 5 mm and 10 mm suction tubes and small suction channel

300-019-601 Suction and irrigation handle only, with small suction channel

Suction and irrigation tube with 4x4 holes for handles 300-019-501 and 300-019-601



300-019-735 Ø 3.5mm

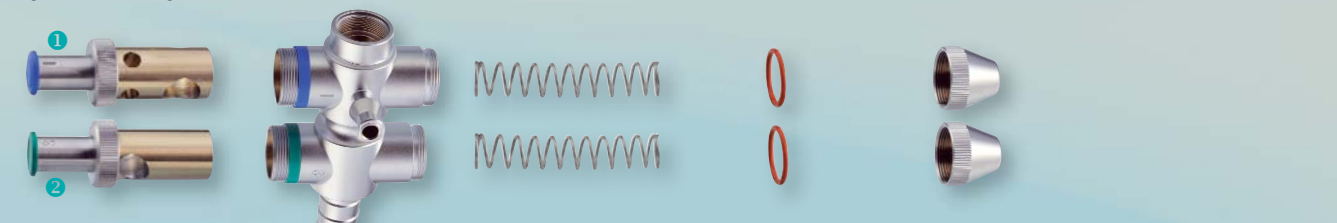


300-019-705 Ø 5mm



300-019-705 Ø 10mm

### SPARE PARTS



1 300-019-760  
Irrigation piston (1 unit)

300-019-740  
Valve Body

300-019-770  
Spring (Set with 10 pcs.)

300-019-780  
Gasket O-Ring  
(Set with 10 pcs.)

300-019-790  
Screw cap (1 unit)

## Flexible Trocars for use of curved instruments

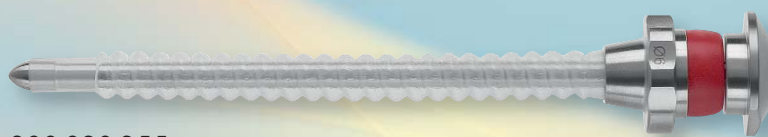
Complete Thorax Trocar with flexible cannula to easily insert curved or strongly curved jaws.  
Two different diameters available - for use with 5mm and 10mm instruments.



300-020-211  
THORAX Trocar System, flexible, complete, Ø 11mm, 100mm  
300-020-711  
THORAX Trocar System, flexible, complete, Ø 11mm, 70mm



300-021-111  
THORACIC Trocar Sheath Ø 11mm, 100mm  
300-021-711  
THORACIC Trocar Sheath Ø 11mm, 70mm



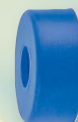
300-020-255  
THORAX Trocar System, flexible, complete, Ø 5.5mm, 100mm  
300-020-755  
THORAX Trocar System, flexible, complete, Ø 5.5mm, 70mm



300-021-155  
THORACIC Trocar Sheath Ø 5.5mm, 100mm  
300-021-755  
THORACIC Trocar Sheath Ø 5.5mm, 70mm



Obturator for flexible Thorax Surgery  
300-023-111 Ø 11.0mm, 100mm  
300-023-711 Ø 11.0mm, 70mm  
300-023-255 Ø 5.5mm, 100mm  
300-023-755 Ø 5.5mm, 70mm



300-021-611  
GASKET for Thoracic  
Trocar System  
Ø 11mm, blue  
(Package of 10 pcs.)



300-021-655  
GASKET for Thoracic  
Trocar System  
Ø 5.5mm, red  
(Package of 10 pcs.)



SILIPort Plastic Trocar Sleeve, flexible, Package of 5 pieces  
300-024-111 Ø 11.0mm, 100mm  
300-024-711 Ø 11.0mm, 70mm  
300-024-155 Ø 5.5mm, 100mm  
300-024-755 Ø 5.5mm, 70mm