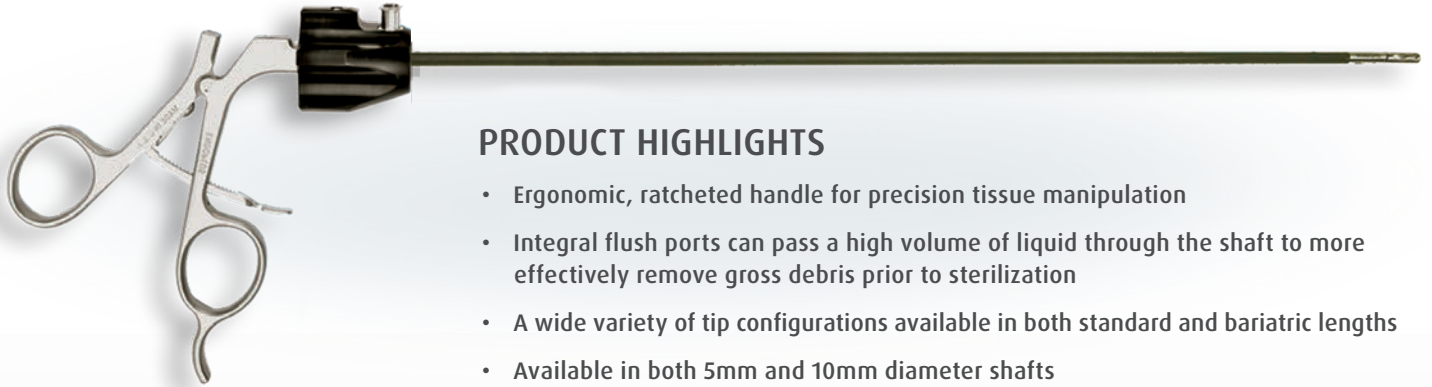


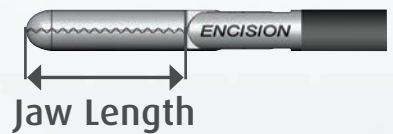
## Precision Ratchet-Lock Handles and Graspers



### PRODUCT HIGHLIGHTS

- Ergonomic, ratcheted handle for precision tissue manipulation
- Integral flush ports can pass a high volume of liquid through the shaft to more effectively remove gross debris prior to sterilization
- A wide variety of tip configurations available in both standard and bariatric lengths
- Available in both 5mm and 10mm diameter shafts

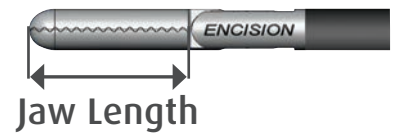
### 5MM DISSECTORS AND GRASPERS



Tip Styles		Jaw Length	Catalog #	
			32cm	45cm
5mm (unless noted otherwise)				
	Curved Maryland	17mm	ES0501RR	ES0501-45RR
	Curved Dissecting Forceps	19mm	EP3110RR	EP3110-45RR
	Curved Maryland Dissector	23mm	EP3410RR	EP3410-45RR
	Maryland with Cross Serrations	19mm	EP3780RR	EP3780-45RR
	Short Curved Dissecting Forceps	13mm	EP3120RR	EP3120-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

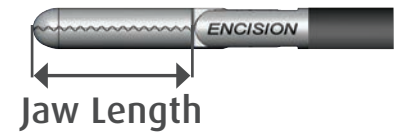
## 5MM DISSECTORS AND GRASPERS



Tip Styles 5mm (unless noted otherwise)	Jaw Length	Catalog #	
		32cm	45cm
 Heavy Curved Dissector	11mm	EP3620RR	EP3620-45RR
 Medium Curved Dissector	17mm	EP3650RR	EP3650-45RR
 Petrovich Curved Dissector	14mm	EP3760RR	EP3760-45RR
 Cross Serrated Forceps, Right Angle	12mm	EP3170RR	EP3170-45RR
 Mixer Clamp, 90° Long	19mm	ES0538RR	ES0538-45RR
 Flat Dissector	13mm	EP3550RR	EP3550-45RR
 Micro Dissecting Forceps	13mm	EP3290RR	EP3290-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

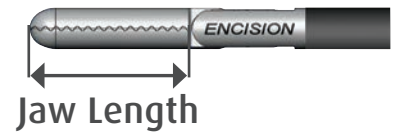
## 5MM DISSECTORS AND GRASPERS





Tip Styles 5mm (unless noted otherwise)	Jaw Length	Catalog #	
		32cm	45cm
 Mini-Micro Dissecting Forceps	12mm	EP3490RR	EP3490-45RR
 St. Joseph Dissecting Forceps	12mm	EP3730RR	EP3730-45RR
 Bullet Nose Grasper	12mm	EP3090RR	EP3090-45RR
 Dolphin Nose Grasping Forceps	13mm	EP3420RR	EP3420-45RR
 Straight Dissector	23mm	EP3150RR	EP3150-45RR
 Straight Mini Dissector	10mm	EP3160RR	EP3160-45RR
 Micro Dolphin Dissecting Forceps	11mm	EP3200RR	EP3200-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

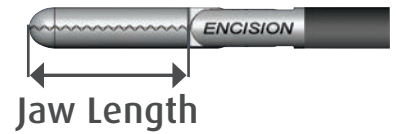
## 5MM DISSECTORS AND GRASPERS



Tip Styles	Jaw Length	Catalog #	
		32cm	45cm
5mm (unless noted otherwise)			
 Long Dolphin Nose Grasper	16mm	EP3310RR	EP3310-45RR
 Delicate Cone Dissector	11mm	EP3190RR	EP3190-45RR
 Micro Dolphin Dissector with Cup	12mm	EP3430RR	EP3430-45RR
 Duckbill Forceps	10mm	EP3140RR	EP3140-45RR
 Standard Grasper	13mm	ES0514RR	ES0514-45RR
 Round Nose Grasper	12mm	ES0508RR	ES0508-45RR
 Long Grasping Forceps	19mm	EP3370RR	EP3370-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

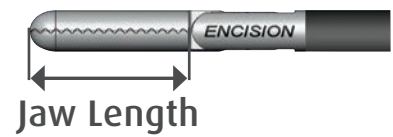
## 5MM DISSECTORS AND GRASPERS



Tip Styles 5mm (unless noted otherwise)	Jaw Length	Catalog #	
		32cm	45cm
 Wave Jaw Grasping Forceps	13mm	EP3340RR	EP3340-45RR
 Tenaculum	23mm	EP3640RR	EP3640-45RR
 Biopsy Forceps with Two Teeth	11mm Single Action	EP3220RR	EP3220-45RR
 Maxi Grasper	16mm	ES0543RR	ES0543-45RR
 Endo Cinch Extreme Atraumatic	22mm	ES0535RR	ES0535-45RR
 Wave Grasper	22mm	ES0537RR	ES0537-45RR
 Atraumatic Grasper, S/A	22mm Single Action	EP3460RR	EP3460-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

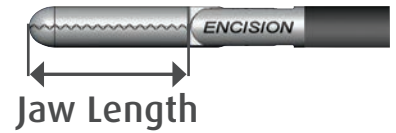
## 5MM DISSECTORS AND GRASPERS



Tip Styles	Jaw Length	Catalog #	
		32cm	45cm
5mm (unless noted otherwise)			
 Traumatic Grasper	22mm	EP3020RR	EP3020-45RR
 Traumatic Grasper, 2x3 Teeth, S/A	22mm Single Action	EP3450RR	EP3450-45RR
 Ripple Claw Forceps	23mm	EP3480RR	EP3480-45RR
 Claw Forceps, 2x3 Teeth	22mm	EP3210RR	EP3210-45RR
 Fenestrated Grasper	19mm	ES0507RR	ES0507-45RR
 Maxi Fenestrated Grasping Forceps	18mm	EP3380RR	EP3380-45RR
 Fenestrated Grasping Forceps	22mm	EP3280RR	EP3280-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

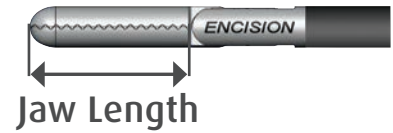
## 5MM DISSECTORS AND GRASPERS



Tip Styles 5mm (unless noted otherwise)	Jaw Length	Catalog #	
		32cm	45cm
 McKernan Tri-Grasping Fenestrated Forceps	21mm	EP3070RR	EP3070-45RR
 Atraumatic Tube Forceps	14mm	EP3180RR	EP3180-45RR
 Oviduct Atraumatic Forceps	11mm	EP3440RR	EP3440-45RR
 Single Action Needle Holder	10mm Single Action	EP3700RR	EP3700-45RR
 Kocher Grasping Forceps	13mm	EP3400RR	EP3400-45RR
 Murray Grasper	11mm	EP3810RR	EP3810-45RR
 Allis Forceps	18mm	EP3000RR	EP3000-45RR
 Long Allis Forceps	28mm	EP3010RR	EP3010-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

## 5MM DISSECTORS AND GRASPERS

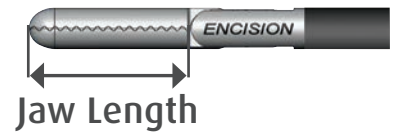


Tip Styles 5mm (unless noted otherwise)	Jaw Length	Catalog #	
		32cm	45cm
 Endo Allis Forceps	34mm	EP3030RR	EP3030-45RR
 Round Tip Allis Grasping Forceps	34mm	EP3100RR	EP3100-45RR
 Paddle Babcock	29mm	EP3350RR	EP3350-45RR
 Babcock Grasping Forceps	25mm	EP3300RR	EP3300-45RR
 Babcock-DeBakey Forceps	29mm	ES0534RR	ES0534-45RR
 DeBakey Tissue Forceps	38mm	EP3250RR	EP3250-45RR



# Cold Laparoscopic Instruments (non-electrosurgical)

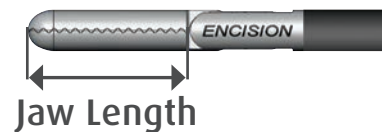
## 5MM DISSECTORS AND GRASPERS



Tip Styles 5mm (unless noted otherwise)	Jaw Length	Catalog #	
		32cm	45cm
 Curved DeBakey Tissue Forceps	27mm	EP3750RR	EP3750-45RR
 Glassman Forceps	40mm	EP3040RR	EP3040-45RR
 Fenestrated Bowel Grasper	30mm	ES0522RR	ES0522-45RR
 Fenestrated Bowel Grasper	20mm	EP3690RR	EP3690-45RR
 Andrew Babcock Forceps	19mm	EP3770RR	EP3770-45RR
 Alligator Grasping Forceps	13mm	ES0536RR	ES0536-45RR
 Cobra Toothed Grasper	13mm	ES0540RR	ES0540-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

## 5MM DISSECTORS AND GRASPERS



Tip Styles	Jaw Length	Catalog #	
5mm (unless noted otherwise)		32cm	45cm
 Double Action Spoon Forceps	13mm	EP3820RR	EP3820-45RR
 Alligator Forceps	13mm	EP3080RR	EP3080-45RR
 Extracting Forceps Reverse Teeth	13mm	EP3260RR	EP3260-45RR
 Rodriguez Grasping Forceps	12mm Single Action	EP3870RR	EP3870-45RR

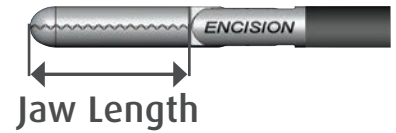
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# Cold Laparoscopic Instruments (non-electrosurgical)

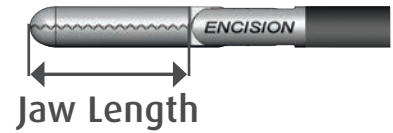
## 10MM DISSECTORS AND GRASPERS



Tip Styles 10mm (unless noted otherwise)	Jaw Length	Catalog #	
		32cm	45cm
 Maryland, 5mm with 10mm shaft	23mm	EP4410RR	EP4410-45RR
 Curved Dissector	38mm	EP4090RR	EP4090-45RR
 Angled Dissector, 5mm with 10mm shaft	16mm	EP4140RR	EP4140-45RR
 Right Angle Dissector, 5mm with 10mm shaft	19mm	EP4130RR	EP4130-45RR
 Right Angle Dissector	37mm	EP4120RR	EP4120-45RR
 Mixer Dissector	27mm	EP4160RR	EP4160-45RR
 Maxi Grasper	22mm	EP4150RR	EP4150-45RR

# Cold Laparoscopic Instruments (non-electrosurgical)

## 10MM DISSECTORS AND GRASPERS



Tip Styles	Jaw Length	Catalog #	
10mm (unless noted otherwise)		32cm	45cm
 Babcock Short Jaw	25mm	EP4300RR	EP4300-45RR
 Babcock with Straight Serrations	35mm	EP4320RR	EP4320-45RR
 Paddle Babcock	35mm	EP4340RR	EP4340-45RR
 Babcock with Pyramid Serrations	35mm	EP4460RR	EP4460-45RR
 Angled Circle Grasper	24mm	EP4020RR	EP4020-45RR
 Spoon Forceps	25mm Single Action	EP4240RR	EP4240-45RR
 Claw Forceps	29mm Single Action	EP4200RR	EP4200-45RR
 Tenaculum	36mm	EP4370RR	EP4370-45RR

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