

For Minimally Invasive Osteosynthesis

# Minimally Invasive Reduction and Plate Insertion Instruments

Surgical Technique



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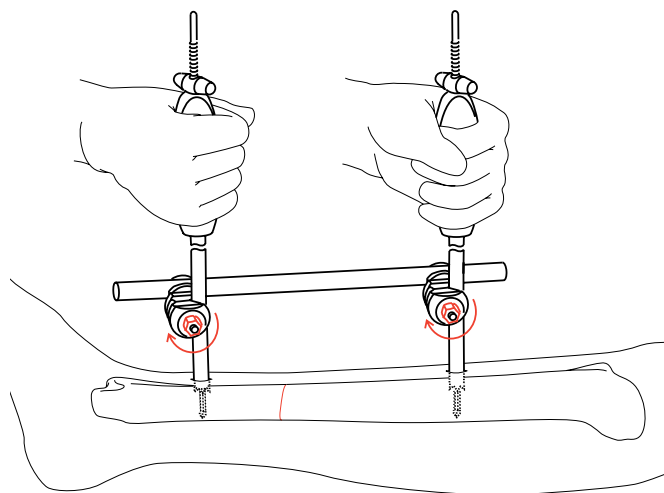
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# Minimally Invasive Reduction and Plate Insertion Instruments

Minimally invasive surgery supports the principles of biological internal fixation by avoiding long incisions and extensive soft tissue stripping associated with conventional techniques. Devascularization of the fragments can be minimized by indirect reduction, and an improved healing process can be expected.

The Minimally Invasive Reduction and Plate Insertion Instrument Set includes:

- Reduction handles to gain and maintain stable intraoperative fixation of a fracture
- Soft tissue retractors to subcutaneously prepare a plate pathway over long distances through a small incision
- Plate holder with clamping feet for easy, percutaneous manipulation of a plate along the bone



## Reduction handles

Toothed reduction handles provide rotational stability during manipulation of bone fragments. Rounded reduction handles can be used during reduction with application of low force.

## Soft tissue retractors

Offset blade allows easy preparation of a cavity for percutaneous plate insertion. Asymmetric tip allows a choice of insertion angle. The blade length can be adjusted using a combination wrench. The blade can be completely removed for easy cleaning of the cannulated handle.

## Plate holder

Plate holder is for percutaneous insertion of most LCP® and LC-DCP® Plates. A simple clamping mechanism provides guidance and easy handling of a plate under soft tissue. Nine interchangeable clamping feet are available for use with the plate holder.



# Indications

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The Minimally Invasive Reduction Instruments are indicated for obtaining intraoperative fixation using minimally invasive, indirect reduction techniques. The Minimally Invasive Plate Insertion Instruments are indicated for plate insertion through minimal incision(s) after temporary reduction has been achieved.

# Toothed Reduction Handles (Bicortical) for Enhanced Rotational Stability

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## 1. Insert threaded rod

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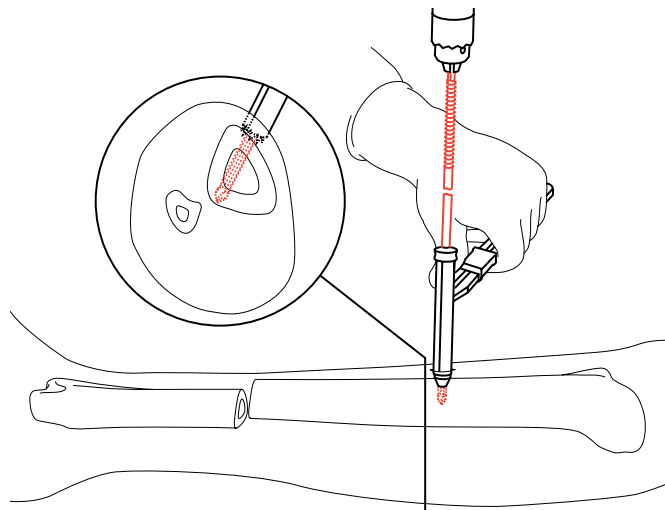
### Instruments

328.100	11.0 mm Protection Sleeve, slotted
328.130	11.0 mm/5.0 mm Drill Sleeve
328.160	5.0 mm Threaded Rod, self-drilling tip

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Insert a self-drilling 5.0 mm threaded rod through the drill sleeve system (drill sleeve and protection sleeve) and into the bone so that the self-drilling tip is embedded in the far cortex.

Remove the 11.0 mm/5.0 mm drill sleeve.



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## 2. Attach reduction handle

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### Instruments

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328.020	Reduction Handle, toothed, for 5.0 mm Threaded Rod
328.100	11.0 mm Protection Sleeve, slotted
328.150	Adjusting Nut, for 5.0 mm Threaded Rod
328.160	5.0 mm Threaded Rod, self-drilling tip

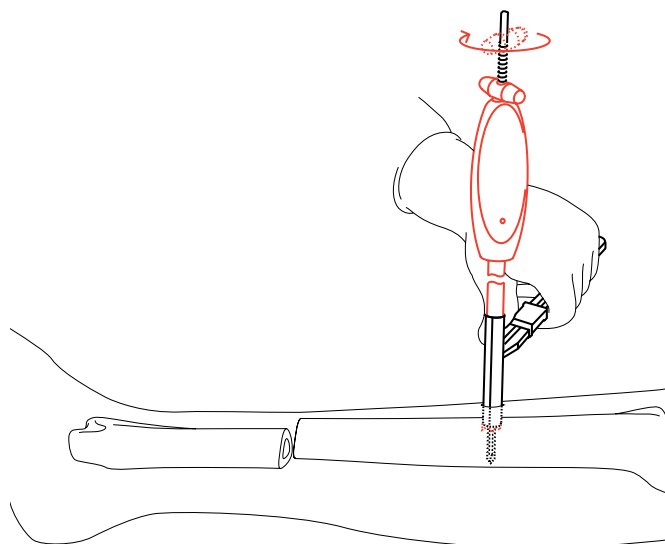
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Slide the toothed reduction handle over the threaded rod and through the 11.0 mm slotted protection sleeve to the bone.

Slide the adjusting nut over the threaded rod and tighten it onto the reduction handle.

**Note: Tightening the adjusting nut excessively may cause the threaded rod to strip out of the bone.**

Remove the protection sleeve by sliding back the release. A second toothed reduction handle can be attached using the same technique.



### 3. Reduce fracture

#### Instruments

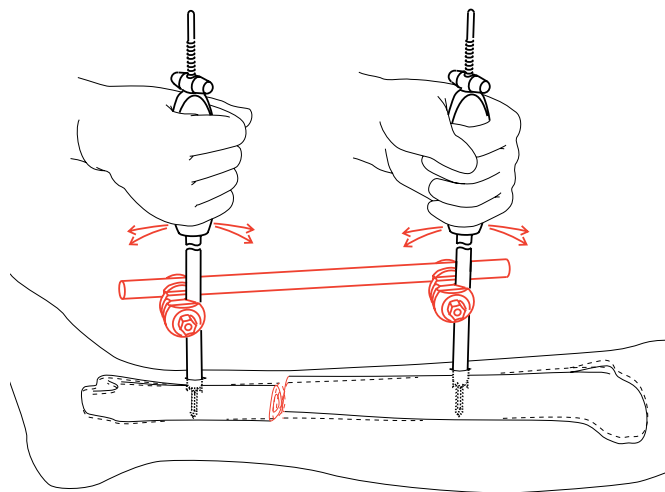
390.005\* Large Combination Clamp

394.84\* 11.0 mm Carbon Fiber Rod,  
or  
250 mm or 350 mm

394.86\*

If needed, apply large combination clamps and an 11.0 mm carbon fiber rod without tightening the construct.

Reduce the fragments.



### 4. Temporary fixation

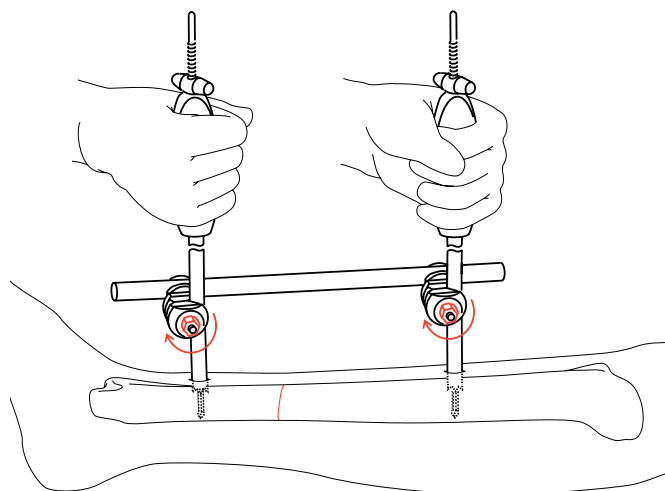
#### Instrument

321.16 Combination Wrench, 11 mm width  
across flats

Using the combination wrench, firmly tighten the combination clamps to temporarily hold the reduction. After definitive treatment of the fracture, remove the reduction instruments.

The large reduction instruments are shown in these illustrations. Use the same technique for the small reduction instruments.

**Note: Reduction instruments, including threaded rods, are not indicated for postoperative use.**



\*Also available.

# Toothed Reduction Handles Before Intramedullary Nailing (Monocortical) for Enhanced Rotational Stability

## 1. Insert guide wire

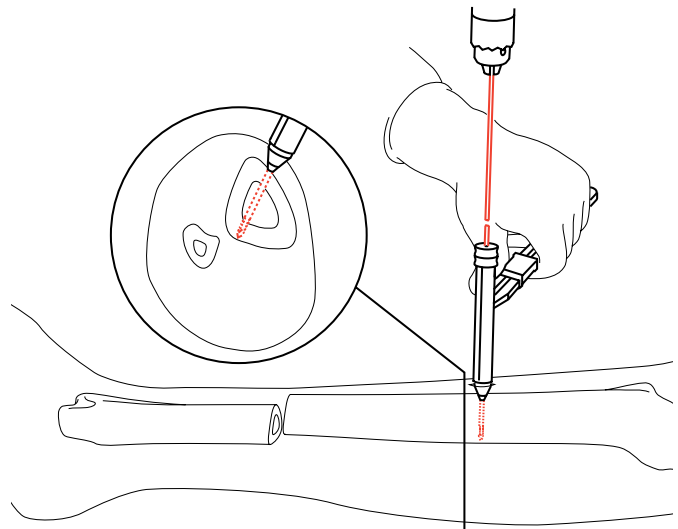
### Instruments

292.655	1.6 mm Guide Wire
328.100	11.0 mm Protection Sleeve, slotted
328.120	5.0 mm/1.6 mm Wire Guide
328.130	11.0 mm/5.0 mm Drill Sleeve
328.170	5.0 mm Cannulated Threaded Rod, blunt tip

**Note: Monocortical technique applies only to the 5.0 mm cannulated threaded rod, blunt tip.**

Insert a 1.6 mm guide wire through the drill sleeve system (drill sleeve, wire guide and protection sleeve) and into the bone.

Remove the 5.0 mm/1.6 mm wire guide.



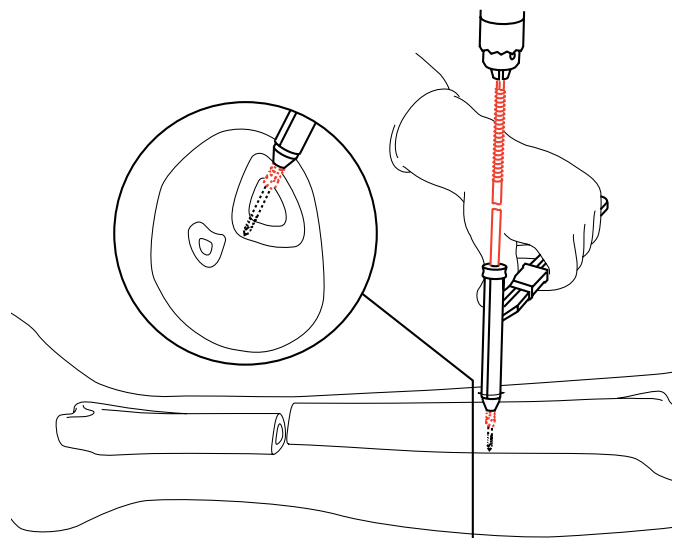
## 2. Tap

### Instrument

328.140	Cannulated Tap for 5.0 mm Threaded Rod
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Slide the cannulated tap over the guide wire.

Tap the near cortex. Remove the tap.





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### 3. Insert blunt threaded rod

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#### Instruments

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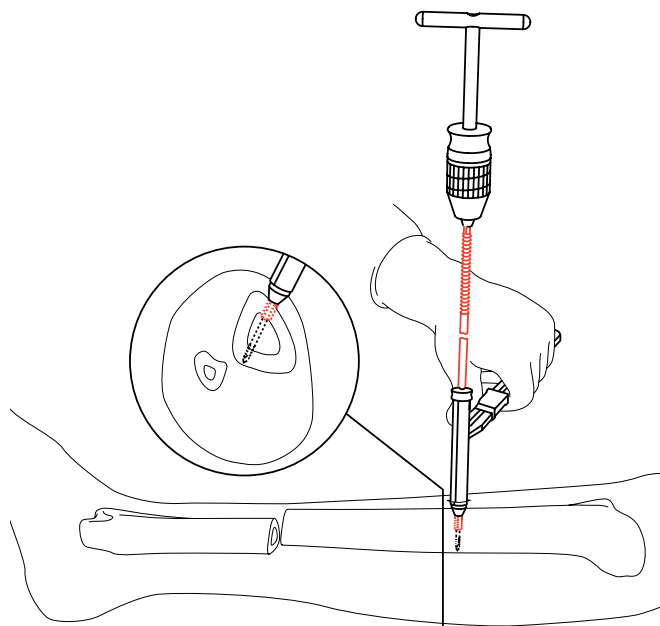
292.655	1.6 mm Guide Wire
328.130	11.0 mm/5.0 mm Drill Sleeve
328.170	5.0 mm Cannulated Threaded Rod, blunt tip

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Insert the blunt 5.0 mm cannulated threaded rod over the guide wire, through the drill sleeve system and into the near cortex.

Remove the 11.0 mm/5.0 mm drill sleeve.

Remove the guide wire.



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## 4. Attach reduction handle

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### Instruments

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328.020	Reduction Handle, toothed, for 5.0 mm Threaded Rod
328.100	11.0 mm Protection Sleeve, slotted
328.150	Adjusting Nut, for 5.0 mm Threaded Rod

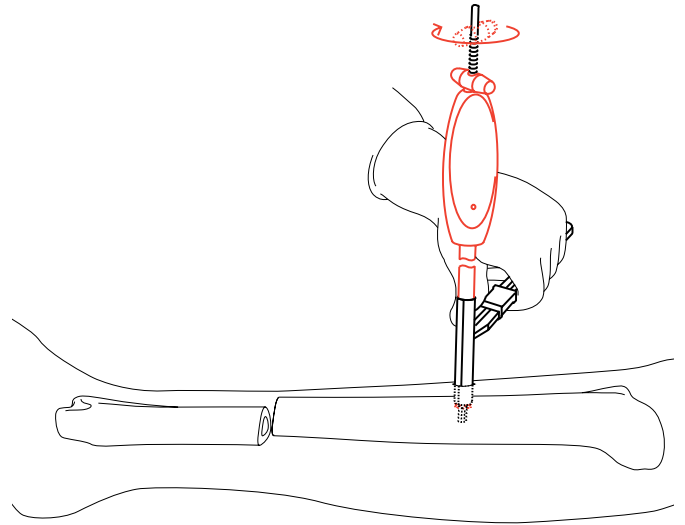
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Slide the toothed reduction handle over the threaded rod and through the 11.0 mm slotted protection sleeve to the bone.

Slide the adjusting nut over the threaded rod and tighten it onto the reduction handle.

**Note: Tightening the adjusting nut excessively may cause the threaded rod to strip out of the bone.**

Remove the protection sleeve by sliding back the release. A second toothed reduction handle can be attached using the same technique.



## 5. Reduce fracture

### Instruments

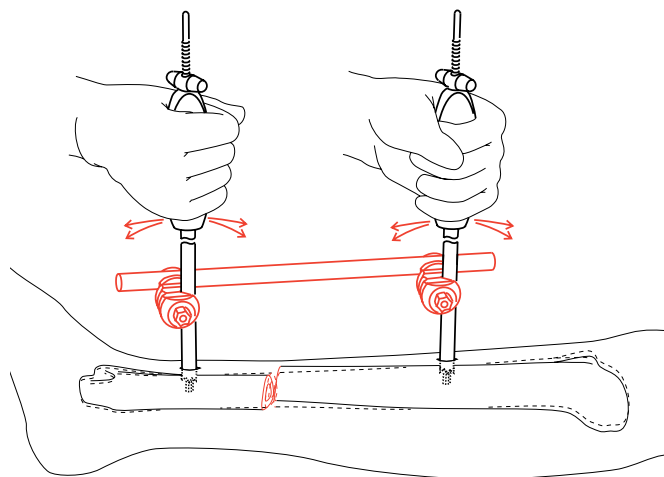
390.005\* Large Combination Clamp

394.84\* 11.0 mm Carbon Fiber Rod,  
or  
250 mm or 350 mm

394.86\*

If needed, apply large combination clamps and an 11.0 mm carbon fiber rod without tightening the construct.

Reduce the fragments.



## 6. Temporary fixation

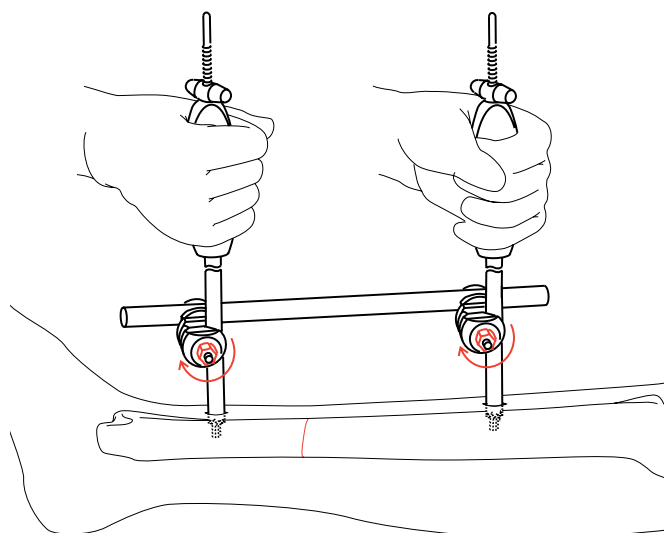
### Instrument

321.16 Combination Wrench, 11 mm width  
across flats

Using the combination wrench, firmly tighten the combination clamps to temporarily hold the reduction.

After definitive treatment of the fracture, remove the reduction instruments.

**Note: Reduction instruments, including threaded rods, are not indicated for postoperative use.**



\*Also available.

# Rounded Reduction Handles (Bicortical) for Atraumatic Application of Low Reduction Forces

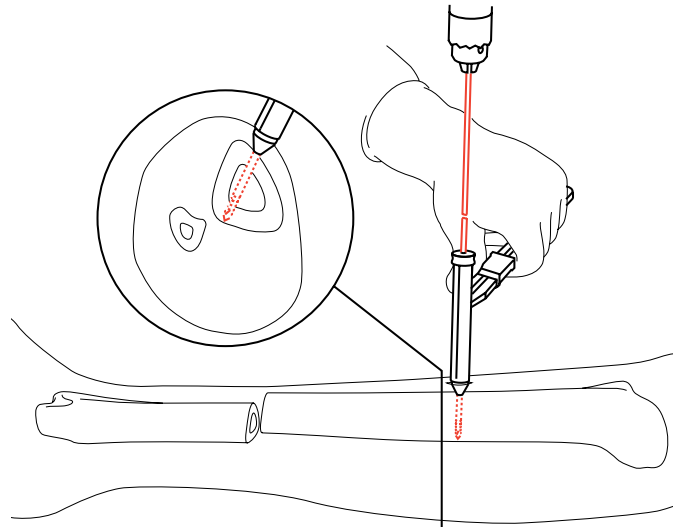
## 1. Insert guide wire

### Instruments

292.68	2.8 mm Threaded Guide Wire, trocar point
328.100	11.0 mm Protection Sleeve, slotted
328.110	11.0 mm/2.8 mm Drill Sleeve

Insert a 2.8 mm threaded guide wire through the drill sleeve system (drill sleeve and protection sleeve) and into the far cortex.

Remove the 11.0 mm/2.8 mm drill sleeve.



## 2. Attach reduction handle

### Instruments

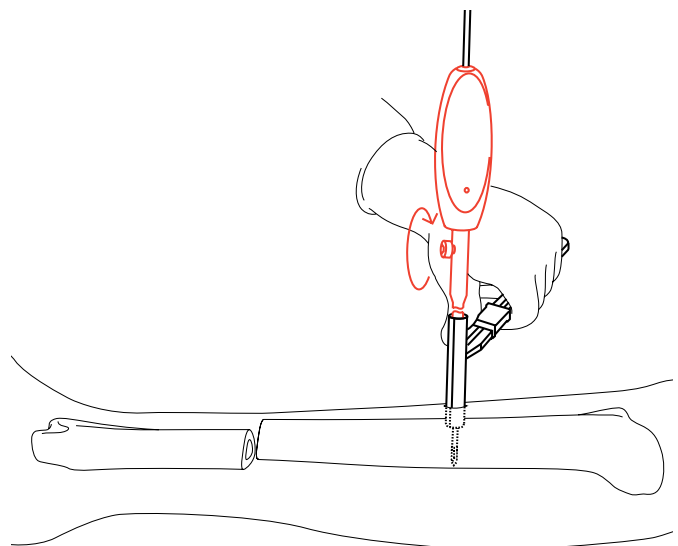
314.14	Large Hexagonal Key, for large screws
328.030	Reduction Handle, rounded, for 2.8 mm Guide Wire
328.100	11.0 mm Protection Sleeve, slotted

Slide the rounded reduction handle over the guide wire and through the 11.0 mm slotted protection sleeve to the bone.

Firmly tighten the clamping screw on the reduction handle using the large hexagonal key.

Remove the protection sleeve by sliding back the release.

A second rounded reduction handle can be attached using the same technique.



### 3. Reduce fracture

#### Instruments

390.005\* Large Combination Clamp

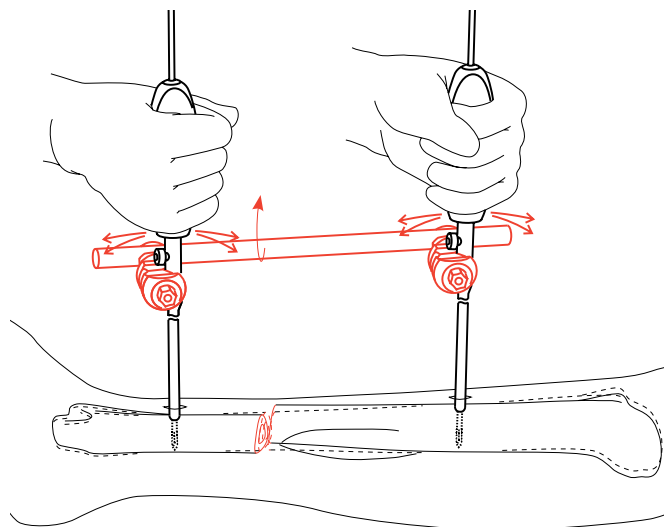
394.84\* 11.0 mm Carbon Fiber Rod,  
or  
250 mm or 350 mm

394.86\*

If needed, apply large combination clamps and an 11.0 mm carbon fiber rod without tightening the construct.

Reduce the fragments.

**Note: Excessive force can strip the guide wire out of the bone.**



### 4. Temporary fixation

#### Instrument

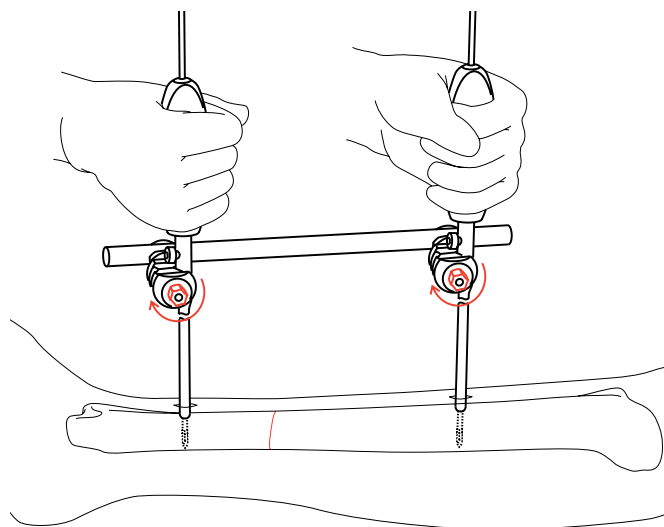
321.16 Combination Wrench, 11 mm width  
across flats

Using the combination wrench, firmly tighten the combination clamps to temporarily hold the reduction.

After definitive treatment of the fracture, remove the reduction instruments.

The large reduction instruments are shown in these illustrations. Use the same technique for the small reduction instruments.

**Note: Reduction instruments, including guide wires, are not indicated for postoperative use.**



\*Also available.

# Plate Insertion Technique

## 1. Insert soft tissue retractors

### Instruments

321.158	Combination Wrench, 8 mm width across flats
321.16	Combination Wrench, 11 mm width across flats
325.010	Soft Tissue Retractor, small, extendible
328.010	Soft Tissue Retractor, large, extendible

### Optional instruments

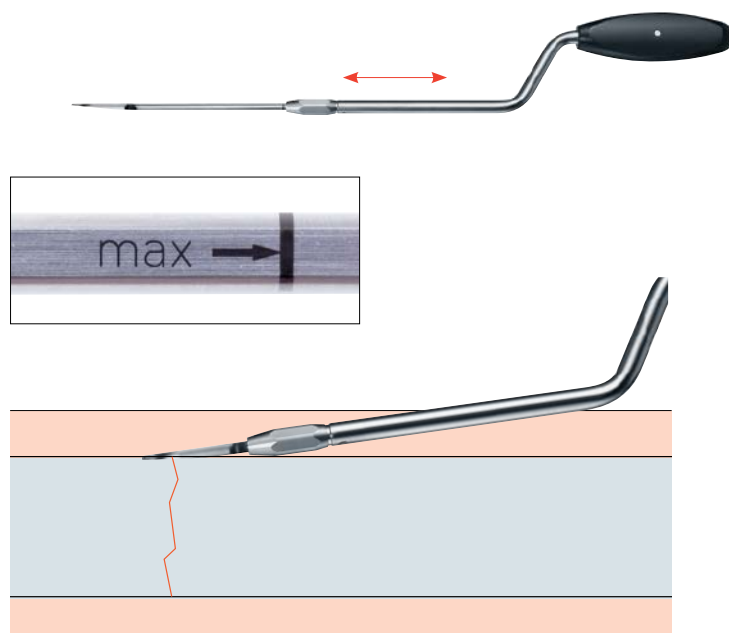
328.011	Small Soft Tissue Retractor Blade, long
328.012	Large Soft Tissue Retractor Blade, long

To adjust the length of the soft tissue retractors, loosen the clamping sleeve with a combination wrench. Use the 11 mm combination wrench for the large retractor or the 8 mm combination wrench for the small retractor. Slide the blade within the handle to an appropriate length and tighten the clamping sleeve.

**Warning: Do not overtighten the clamping sleeve as this could lead to breakage.**

Do not extend the blade beyond the line marked "max".

Insert the soft tissue retractor through an incision to prepare a cavity for percutaneous plate insertion.

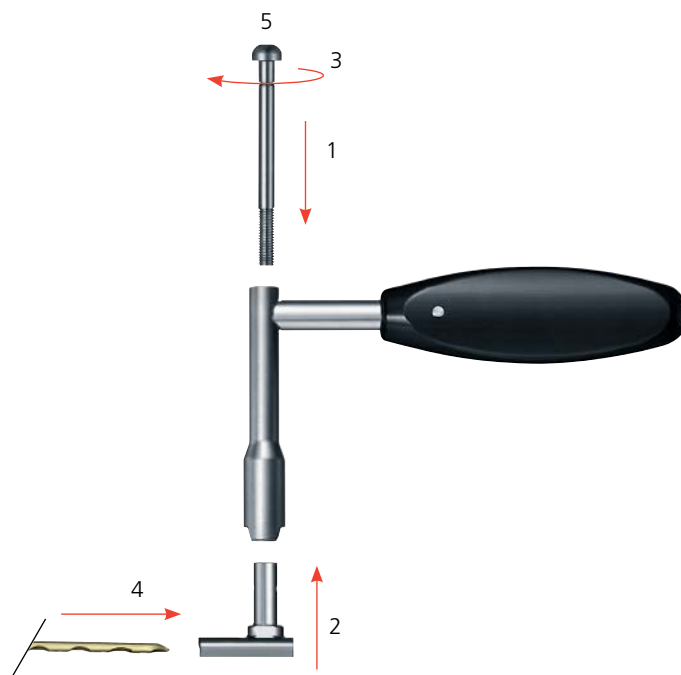


## 2. Assemble plate holder

### Option 1: For straight plates

#### Instruments

314.14	Large Hexagonal Key, for large screws
328.040	Plate Holder, for Minimally Invasive Plating
325.041	Clamping Foot, for 328.040, for 3.5 mm LCP and 3.5 mm LC-DCP
or	
328.041	Clamping Foot, for 328.040, for 4.5 mm/ 5.0 mm Narrow LCP and 4.5 mm Narrow LC-DCP
or	
328.042	Clamping Foot, for 328.040, for 4.5 mm/ 5.0 mm Broad LCP and 4.5 mm Broad LC-DCP
328.044	Connecting Screw, for 328.040



Push the connecting screw through the plate holder until it clicks into place (1).

Insert a clamping foot into the plate holder (2).

Engage the connecting screw into the clamping foot, but do not fully tighten it (3).

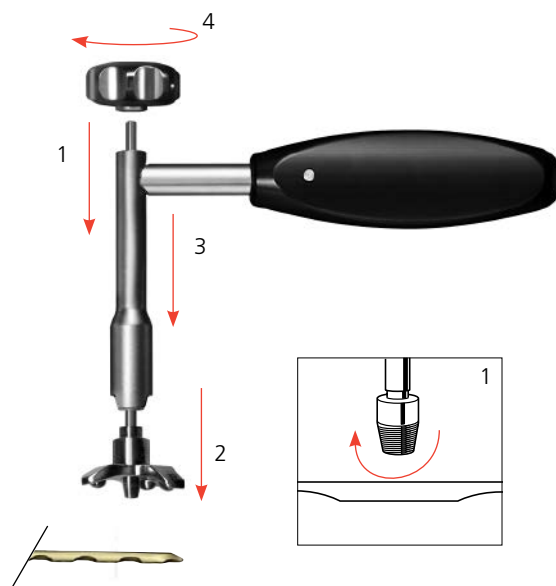
Slide the selected plate into the clamping foot (4).

Firmly tighten the connecting screw with a large hexagonal key (5).

**Option 2: For contoured plates**

**Instruments**

328.335	Connecting Screw, for 3.5 mm LCP plates or
328.345	Connecting Screw, for 4.5 mm/5.0 mm LCP plates
328.040	Plate Holder, for Minimally Invasive Plating
328.310	Clamping Foot, for 328.040, for 2.7 mm/ 3.5 mm LCP Medial Distal Tibia, right
328.311	Clamping Foot, for 328.040, for 2.7 mm/ 3.5 mm LCP Medial Distal Tibia, left
or	
328.330	Clamping Foot, for 328.040, for 3.5 mm LCP Lateral Proximal Tibia, right
328.331	Clamping Foot, for 328.040, for 3.5 mm LCP Lateral Proximal Tibia, left
or	
328.340	Clamping Foot, for 328.040, for 4.5 mm/ 5.0 mm Lateral Proximal Tibia, right
328.341	Clamping Foot, for 328.040, for 4.5 mm/ 5.0 mm Lateral Proximal Tibia, left
328.344	Adjusting Nut, for 328.335 and 328.345



Thread the appropriate connecting screw into the plate (1).

Slide the appropriate clamping foot over the connecting screw (2).

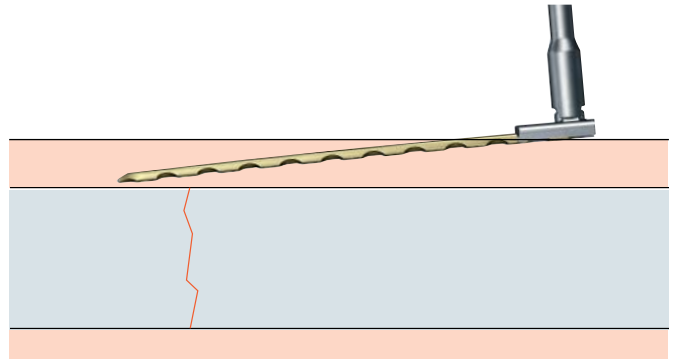
Slide the plate holder over the connecting screw and clamping foot (3).

Screw the adjusting nut to the connecting screw and firmly tighten to the plate holder (4).



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### 3. Insert plate



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### 4. Remove plate holder

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#### Instrument

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314.14	Large Hexagonal Key, for large screws
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#### **To remove plate holder from straight plates:**

Use the large hexagonal key to remove the connecting screw from the plate holder. Remove the plate holder from the clamping foot. Slide the clamping foot from the plate.

#### **To remove plate holder from contoured plates:**

Unscrew the adjusting nut from the connecting screw. Slide the plate holder and clamping foot from the connecting screw. Remove the connecting screw from the plate.

# Reduction Instruments

292.655	1.6 mm Guide Wire, 410 mm	
292.68	2.8 mm Threaded Guide Wire, trocar point, 300 mm	
292.72	1.6 mm Threaded Guide Wire, 150 mm	
325.020	Reduction Handle, toothed, for 3.0 mm Threaded Rod	
325.030	Reduction Handle, rounded, for 1.6 mm Guide Wire	
325.070	8.0 mm Protection Sleeve, slotted	
325.080	8.0 mm/1.6 mm Drill Sleeve	

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325.100 8.0 mm/3.0 mm Drill Sleeve



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325.150 Adjusting Nut, for 3.0 mm Threaded Rod



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325.160 3.0 mm Threaded Rod, self-drilling tip, 270 mm



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328.020 Reduction Handle, toothed, for 5.0 mm Threaded Rod



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328.030 Reduction Handle, rounded, for 2.8 mm Guide Wire



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328.100 11.0 mm Protection Sleeve, slotted



328.110	11.0 mm/2.8 mm Drill Sleeve	
328.120	5.0 mm/1.6 mm Wire Guide	
328.130	11.0 mm/5.0 mm Drill Sleeve	
328.140	Cannulated Tap for 5.0 mm Threaded Rod, 195 mm	
328.150	Adjusting Nut, for 5.0 mm Threaded Rod	
328.160	5.0 mm Threaded Rod, self-drilling tip, 380 mm	
328.170	5.0 mm Cannulated Threaded Rod, blunt tip, 1.6 mm cannulation, 335 mm	

# Plate Insertion Instruments

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325.010 Soft Tissue Retractor, small, extendible



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325.041 Clamping Foot, for 328.040, for 3.5 mm LCP and 3.5 mm LC-DCP



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328.010 Soft Tissue Retractor, large, extendible



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328.011 Small Soft Tissue Retractor Blade, long



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328.012 Large Soft Tissue Retractor Blade, long



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328.040 Plate Holder, for Minimally Invasive Plating



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328.041 Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Narrow LCP and 4.5 mm Narrow LC-DCP



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328.042 Clamping Foot, for 328.040, for 4.5 mm/  
5.0 mm Broad LCP and 4.5 mm  
Broad LC-DCP



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328.044 Connecting Screw, for 328.040



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328.310 Clamping Foot, for 328.040, for 2.7 mm/  
3.5 mm LCP Medial Distal Tibia, right



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328.311 Clamping Foot, for 328.040, for 2.7 mm/  
3.5 mm LCP Medial Distal Tibia, left



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328.330 Clamping Foot, for 328.040, for 3.5 mm  
LCP Lateral Proximal Tibia, right



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328.331 Clamping Foot, for 328.040, for 3.5 mm  
LCP Lateral Proximal Tibia, left



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328.335      Connecting Screw, for 3.5 mm LCP plates



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328.340      Clamping Foot, for 328.040, for 4.5 mm/  
5.0 mm Lateral Proximal Tibia, right



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328.341      Clamping Foot, for 328.040, for 4.5 mm/  
5.0 mm Lateral Proximal Tibia, left



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328.344      Adjusting Nut, for 328.355 and 328.345



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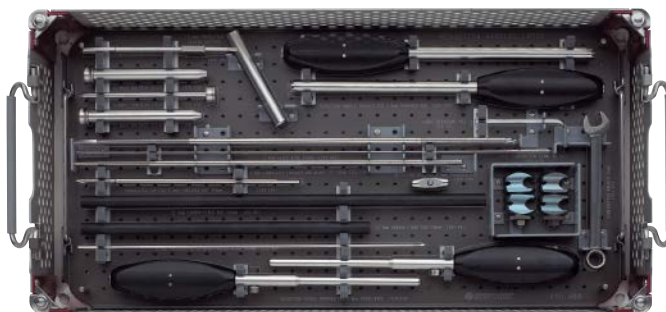
328.345      Connecting Screw, for 4.5 mm/5.0 mm  
LCP plates



# Minimally Invasive Reduction and Plate Insertion Instrument Set (135.292)

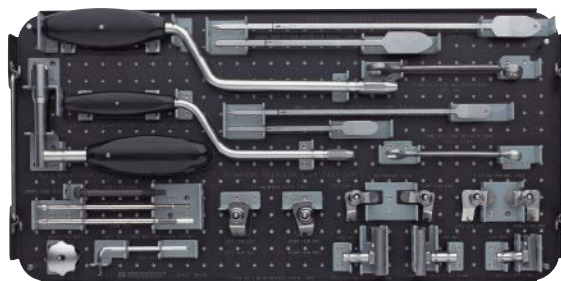
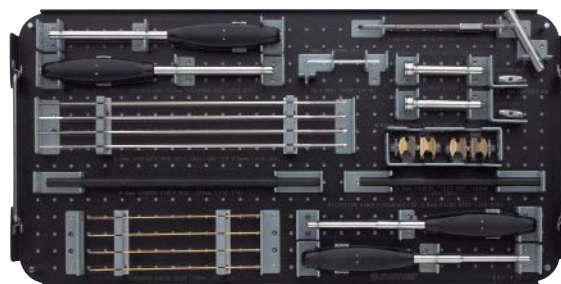
## Graphic Case Components

- 690.487 Lid for Minimally Invasive Reduction and Plate Insertion Instrument Set
- 690.488 Tray for Minimally Invasive Reduction Handles, large
- 690.913 Three Level Graphic Case Base, 510 mm x 250 mm
- 690.918 Tray for Minimally Invasive Reduction Handles, small
- 690.919 Tray for Minimally Invasive Plate Insertion



## Instruments

- 292.655 1.6 mm Guide Wire, 410 mm, 4 ea.
- 292.68 2.8 mm Threaded Guide Wire, trocar point, 300 mm, 4 ea.
- 292.72 1.6 mm Threaded Guide Wire, 150 mm, 4 ea.
- 314.14 Large Hexagonal Key, for large screws, 2 ea.
- 314.16 Small Hexagonal Key, for 2.7 mm and small screws
- 321.158 Combination Wrench, 8 mm width across flats
- 321.16 Combination Wrench, 11 mm width across flats, 2 ea.
- 325.010 Soft Tissue Retractor, small, extendible
- 325.020 Reduction Handle, toothed, for 3.0 mm Threaded Rod, 2 ea.
- 325.030 Reduction Handle, rounded, for 1.6 mm Guide Wire, 2 ea.
- 325.041 Clamping Foot, for 328.040, for 3.5 mm LCP and 3.5 mm LC-DCP
- 325.070 8.0 mm Protection Sleeve, slotted
- 325.080 8.0 mm/1.6 mm Drill Sleeve
- 325.100 8.0 mm/3.0 mm Drill Sleeve
- 325.150 Adjusting Nut, for 3.0 mm Threaded Rod, 2 ea.
- 325.160 3.0 mm Threaded Rod, self-drilling tip, 270 mm, 4 ea.
- 328.010 Soft Tissue Retractor Large, extendible
- 328.011 Small Soft Tissue Retractor Blade, long
- 328.012 Large Soft Tissue Retractor Blade, long
- 328.020 Reduction Handle, toothed, for 5.0 mm Threaded Rod, 2 ea.



Note: For additional information, please refer to package insert.  
For detailed cleaning and sterilization instructions, please refer to [www.depuyorth.com/hcp/cleaning-sterilization](http://www.depuyorth.com/hcp/cleaning-sterilization) or sterilization instructions, if provided.



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**Instruments** continued

328.030	Reduction Handle, rounded, for 2.8 mm Guide Wire, 2 ea.
328.040	Plate Holder, for Minimally Invasive Plating
328.041	Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Narrow LCP and 4.5 mm Narrow LC-DCP
328.042	Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Broad LCP and 4.5 mm Broad LC-DCP
328.044	Connecting Screw, for 328.040
328.100	11.0 mm Protection Sleeve, slotted
328.110	11.0 mm/2.8 mm Drill Sleeve
328.120	5.0 mm/1.6 mm Wire Guide
328.130	11.0 mm/5.0 mm Drill Sleeve
328.140	Cannulated Tap for 5.0 mm Threaded Rod, 195 mm
328.150	Adjusting Nut, for 5.0 mm Threaded Rod, 2 ea.
328.160	5.0 mm Threaded Rod, self-drilling tip, 380 mm, 4 ea.
328.170	5.0 mm Cannulated Threaded Rod, blunt tip, 335 mm, 2 ea.
328.310	Clamping Foot, for 328.040, for 2.7 mm/3.5 mm LCP Medial Distal Tibia, right
328.311	Clamping Foot, for 328.040, for 2.7 mm/3.5 mm LCP Medial Distal Tibia, left
328.330	Clamping Foot, for 328.040, for 3.5 mm LCP Lateral Proximal Tibia, right
328.331	Clamping Foot, for 328.040, for 3.5 mm LCP Lateral Proximal Tibia, left
328.335	Connecting Screw, for 3.5 mm LCP plates
328.340	Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Lateral Proximal Tibia, right
328.341	Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Lateral Proximal Tibia, left
328.344	Adjusting Nut, for 328.335 and 328.345
328.345	Connecting Screw, for 4.5 mm/5.0 mm LCP plates

# Minimally Invasive Reduction Instrument Set, large (135.296)

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## Graphic Case Components

- 690.487 Lid for Minimally Invasive Reduction and Plate Insertion Instrument Set
- 690.488 Tray for Minimally Invasive Reduction Handles, large
- 690.911 Single Level Graphic Case Base, 510 mm x 250 mm



## Instruments

- 292.655 1.6 mm Guide Wire, 410 mm, 4 ea.
- 292.68 2.8 mm Threaded Guide Wire, trocar point, 300 mm, 4 ea.
- 314.14 Large Hexagonal Key, for large screws
- 321.16 Combination Wrench, 11 mm width across flats
- 328.020 Reduction Handle, toothed, for 5.0 mm Threaded Rod, 2 ea.
- 328.030 Reduction Handle, rounded, for 2.8 mm Guide Wire, 2 ea.
- 328.100 11.0 mm Protection Sleeve, slotted
- 328.110 11.0 mm/2.8 mm Drill Sleeve
- 328.120 5.0 mm/1.6 mm Wire Guide
- 328.130 11.0 mm/5.0 mm Drill Sleeve
- 328.140 Cannulated Tap for 5.0 mm Threaded Rod, 195 mm
- 328.150 Adjusting Nut, for 5.0 mm Threaded Rod, 2 ea.
- 328.160 5.0 mm Threaded Rod, self-drilling tip, 380 mm, 4 ea.
- 328.170 5.0 mm Cannulated Threaded Rod, blunt tip, 335 mm, 2 ea.

# Minimally Invasive Reduction Instrument Set, small (135.293)

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## Graphic Case Components

- 690.487 Lid for Minimally Invasive Reduction and Plate Insertion Instrument Set
- 690.911 Single Level Graphic Case Base, 510 mm x 250 mm
- 690.918 Tray for Minimally Invasive Reduction Handles, small



## Instruments

- 292.72 1.6 mm Threaded Guide Wire, 150 mm, 4 ea.
- 314.16 Small Hexagonal Key, for 2.7 mm and small screws
- 325.020 Reduction Handle, toothed, for 3.0 mm Threaded Rod, 2 ea.
- 325.030 Reduction Handle, rounded, for 1.6 mm Guide Wire, 2 ea.
- 325.070 8.0 mm Protection Sleeve, slotted
- 325.080 8.0 mm/1.6 mm Drill Sleeve
- 325.100 8.0 mm/3.0 mm Drill Sleeve
- 325.150 Adjusting Nut, for 3.0 mm Threaded Rod, 2 ea.
- 325.160 3.0 mm Threaded Rod, self-drilling tip, 270 mm, 4 ea.

# Minimally Invasive Plate Insertion Set (135.294)

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## Graphic Case Components

- 690.487 Lid for Minimally Invasive Reduction and Plate Insertion Instrument Set
- 690.911 Single Level Graphic Case Base, 510 mm x 250 mm
- 690.919 Tray for Minimally Invasive Plate Insertion

## Instruments

- 314.14 Large Hexagonal Key, for large screws
- 321.158 Combination Wrench, 8 mm width across flats
- 321.16 Combination Wrench, 11 mm width across flats
- 325.010 Soft Tissue Retractor, small, extendible
- 325.041 Clamping Foot, for 328.040, for 3.5 mm LCP and 3.5 mm LC-DCP
- 328.010 Soft Tissue Retractor, large, extendible
- 328.011 Small Soft Tissue Retractor Blade, long
- 328.012 Large Soft Tissue Retractor Blade, long
- 328.040 Plate Holder, for Minimally Invasive Plating
- 328.041 Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Narrow LCP and 4.5 mm Narrow LC-DCP
- 328.042 Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Broad LCP and 4.5 mm Broad LC-DCP
- 328.044 Connecting Screw, for 328.040
- 328.310 Clamping Foot, for 328.040, for 2.7 mm/3.5 mm LCP Medial Distal Tibia, right
- 328.311 Clamping Foot, for 328.040, for 2.7 mm/3.5 mm LCP Medial Distal Tibia, left
- 328.330 Clamping Foot, for 328.040, for 3.5 mm LCP Lateral Proximal Tibia, right
- 328.331 Clamping Foot, for 328.040, for 3.5 mm LCP Lateral Proximal Tibia, left
- 328.335 Connecting Screw, for 3.5 mm LCP plates
- 328.340 Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Lateral Proximal Tibia, right
- 328.341 Clamping Foot, for 328.040, for 4.5 mm/5.0 mm Lateral Proximal Tibia, left
- 328.344 Adjusting Nut, for 328.335 and 328.345
- 328.345 Connecting Screw, for 4.5 mm/5.0 mm LCP plates



## Also Available

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390.005	Large Combination Clamp
390.031	Medium Combination Clamp
394.84	11.0 mm Carbon Fiber Rod, 250 mm
394.86	11.0 mm Carbon Fiber Rod, 350 mm
395.779	8.0 mm Carbon Fiber Rod, 160 mm
395.786	8.0 mm Carbon Fiber Rod, 240 mm

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The DePuy Synthes Minimally Invasive Reduction and Plate Insertion Instruments have not been evaluated for safety and compatibility in the MR environment. It has not been tested for heating, migration or image artifact in the MR environment. The safety of the DePuy Synthes Minimally Invasive Reduction and Plate Insertion Instruments in the MR environment is unknown. Scanning a patient who has this device may result in patient injury.

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Not all products may currently be available in all markets.



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To order (Canada): 844-243-4321

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