Part of the DePuy Synthes Orthopaedic Cable System

Cable Tensioner
With Pistol Grip
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Features and Benefits

Usage Instructions

Assemble the attachment bit, provisional tensioning device, cable tensioner, and correct size cable lock.

1. Ensure that the tensioner has been reset by pushing the reset lever

Note: When resetting the tensioner, hold by back handle only and press the reset lever. If the tensioner does not fully reset, press the reset lever and move the front handle back and forth until it resets. If the slider has not returned to its reset position, push the slider while holding the reset lever and ensure proper lubrication during the next cleaning/sterilization cycle.

2. Thread the cable through the cable tensioner
3. Advance the tensioner along the cable until it rests against the cable crimp
4. Carefully take up any slack in the cable by hand and hold it in place with the cable lock by rotating the lever in the “Lock” direction
5. Confirm the placement of the crimp on the bone
6. Squeeze the handle on the tensioner until the desired tension is reached
7. Crimp the cable
8. Unlock the cable lock
9. Reset the tensioner
10. Remove the tensioner from the cable

The amount of tension applied to the cable is indicated by the position of the barrel relative to the circumferential lines etched on the body of the tensioner. These lines indicate tension levels from 20 kg to 50 kg.

Attachment Bit
391.883

Provisional Tensioning Device
391.884

Cable Tensioner with Pistol Grip
03.221.015
**Precaution:** The tension of the cable should not exceed 40 kg for the cable 1.0 mm and 50 kg for the cable 1.7 mm. High tension may cause the cable to tear out of the crimp or cut through soft or osteoporotic bone.

**Optional technique**
The provisional tensioning device may be detached from the cable tensioner to hold tension in the cable while additional cables are placed. Engage the cam lock by pulling back on the provisional tensioning device lever. Disengage the cable lock on the tensioner and remove it from the provisional tensioning device. Reset the cable tensioner. Each cable can then be incrementally tensioned before final crimping.

**Warning:** Repeated tensioning of the cable at high loads may cause fraying of the cable.

**Lubricate**
Lubricate all springs, ratchets, and levers with autoclavable oil after cleaning.
## Product Information

### Instruments

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>03.221.015</td>
<td>Cable Tensioner with Pistol Grip</td>
</tr>
<tr>
<td>03.221.016</td>
<td>1.0 mm Cable Lock for Cable Tensioner with Pistol Grip</td>
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<tr>
<td>03.221.017</td>
<td>1.7 mm Cable Lock for Cable Tensioner with Pistol Grip</td>
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### Also available

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>391.883</td>
<td>Attachment Bit</td>
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<tr>
<td>391.884</td>
<td>Provisional Tensioning Device</td>
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<tr>
<td>519.97</td>
<td>Autoclavable Oil</td>
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### Cleaning and Sterilization

For cleaning and sterilization information refer to:  
[www.synthes.com/cleaning-sterilization](http://www.synthes.com/cleaning-sterilization) or  
sterilization instructions, if provided.
Limited Warranty and Disclaimer: DePuy Synthes products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed.

Please also refer to the package insert(s) or other labeling associated with the devices identified in this brochure for additional information.

CAUTION: Federal Law restricts these devices to sale by or on the order of a physician.

Some devices listed in this brochure may not have been licensed in accordance with Canadian law and may not be for sale in Canada.

Please contact your sales consultant for items approved for sale in Canada.

Not all products may currently be available in all markets.