Intramedullary Nail Instruments.
Enhanced instruments for simplified procedures.
12.0 mm Tapered Intramedullary Reduction Tool (360.241)
- Used to reduce fractures of the femur that are difficult to control due to muscular forces acting on the proximal fragment
- May be inserted into proximal fragment and used to align the proximal and distal fragments
- Consists of two components: Handle (360.243) and Shaft (360.244)

7.5 mm Intramedullary Reduction Tool, 460 mm (360.251)
- Used to reduce shaft fractures
- When used with 351.71, offset ball tip must be oriented in same direction as tip of intramedullary reduction tool

When the fracture has been reduced, a ball tip reaming rod is passed through the cannulation of 360.241 or 360.251. The intramedullary reduction tool is removed and the reaming rod maintains the reduction.
Holding Sleeve Locking Device (360.253)
- Used with Holding Sleeve (314.11) and Hexagonal Screwdriver (314.75)
- Locks holding sleeve in place, preventing soft tissue from disengaging the screwdriver from the locking bolt
- Must be manually disengaged after insertion

![Arrows of 360.253 must point in the same direction, toward the locking bolt](image)

![Gap is visible until fully locked](image)

![Holding sleeve locked in place. Gap no longer visible](image)

Flexible Drill Bits
13.0 mm (360.257) and 15.5 mm (360.258)
- Prepare entry point for standard and specialty locked femoral nails
- Provide more soft tissue clearance than standard solid drill bits
- Used over 3.2 mm Calibrated Guide Wire (292.69)
Protection Sleeves
15.5 mm / 13.5 mm (360.262)
17.5 mm / 15.5 mm (360.246)
21.0 mm / 18.0 mm (360.261)
- Provide soft tissue protection when preparing entry site for femoral and tibial nails
- May also be used for soft tissue protection during reaming
- Teeth reduce slippage on bone

Wire Guides
13.5 mm / 3.2 mm (360.267), for use with 360.262
15.5 mm / 3.2 mm (360.249), for use with 360.246
18.0 mm / 3.2 mm (360.248), for use with 360.261
- For placement of 3.2 mm Calibrated Guide Wire (292.69)
Reaming Rod Measuring Device (360.255)
- Calibrated for use with 950 mm reaming rods and guide rods
- Passes over the reaming rod to the entry site in the bone
- Provides a direct reading at the end of the reaming rod, providing accurate nail length measurement
- Measures in 20 mm increments from 160 mm to 480 mm

Handle, for Protection Sleeves (360.265)
- For use with 360.261, 360.262, and 360.246
- Hexagonal recess allows six different handle offset positions
## Accessory Instrument Set for Intramedullary Nail Insertion (115.545)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>690.314</td>
<td>Accessory Instrument Set for IM Nail Insertion Graphic Case</td>
</tr>
<tr>
<td><strong>Graphic Case</strong></td>
<td></td>
</tr>
<tr>
<td>360.243</td>
<td>Handle, for 12.0 mm Tapered Intramedullary Reduction Tool</td>
</tr>
<tr>
<td>360.244</td>
<td>Shaft, for 12.0 mm Tapered Intramedullary Reduction Tool</td>
</tr>
<tr>
<td>360.246</td>
<td>17.5 mm/15.5 mm Protection Sleeve</td>
</tr>
<tr>
<td>360.248</td>
<td>18.0 mm/3.2 mm Wire Guide</td>
</tr>
<tr>
<td>360.249</td>
<td>15.5 mm/3.2 mm Wire Guide</td>
</tr>
<tr>
<td>360.251</td>
<td>7.5 mm Intramedullary Reduction Tool, 460 mm</td>
</tr>
<tr>
<td>360.253</td>
<td>Holding Sleeve Locking Device</td>
</tr>
<tr>
<td>360.255</td>
<td>Reaming Rod Measuring Device</td>
</tr>
<tr>
<td>360.257</td>
<td>13.0 mm Flexible Drill Bit, large quick coupling, 385 mm</td>
</tr>
<tr>
<td>360.258</td>
<td>15.5 mm Flexible Drill Bit, large quick coupling, 385 mm</td>
</tr>
<tr>
<td>360.261</td>
<td>21.0 mm/18.0 mm Protection Sleeve</td>
</tr>
<tr>
<td>360.262</td>
<td>15.5 mm/13.5 mm Protection Sleeve</td>
</tr>
<tr>
<td>360.265</td>
<td>Handle, for Protection Sleeves</td>
</tr>
<tr>
<td>360.267</td>
<td>13.5 mm/3.2 mm Wire Guide</td>
</tr>
</tbody>
</table>
Combined Femoral Nail Insertion and Locking Set (115.540)

**Graphic Case**
690.313 Combined Femoral Nail Insertion and Locking Set Graphic Case

**Instruments**
292.69 3.2 mm Calibrated Guide Wire, 300 mm, 5 ea.
314.11 Holding Sleeve
314.75 Hexagonal Screwdriver
315.40 4.0 mm Three-Fluted Drill Bit, quick coupling, 195 mm, 2 ea.
321.20 Ratchet Wrench, 11 mm width across flats
321.21 Hexagonal Socket, 11 mm width across flats
321.25 Spanner Wrench
351.05 Tissue Protector
351.11 Large Reverse Awl
351.23 13.0 mm/3.2 mm Trocar
351.27 13 mm Cannulated Drill Bit, 300 mm
351.28 15.5 mm/13 mm Protection Sleeve
351.89 Broach, for Titanium Femoral Nails
356.98 4.0 mm Three-Fluted Drill Bit, quick coupling, 270 mm, 95 mm calibration, 2 ea.
357.095 Connecting Screw, for Distal Femoral Nail
357.096 Aiming Arm, for 6.0 mm locking screws
357.097 8.0 mm/5.0 mm Drill Sleeve
357.098 5.0 mm Trocar
357.099 5.0 mm Three-Fluted Drill Bit, quick coupling, 330 mm, 100 mm calibration, 2 ea.
357.111 Radiographic Ruler, for Titanium Distal Femoral Nails
357.112 Insertion Handle, for Titanium Distal Femoral Nails
357.113 Locking Bolt Measuring Device
357.127 13 mm Protection Sleeve
357.128 13 mm/3.2 mm Trocar
357.18 Titanium Femoral Nail Driving Cap
357.22 Hammer Guide, for Slide Hammer
357.25 Slide Hammer, for Hammer Guide
357.31 Inserter, for Titanium Spiral Blades
357.34 Connecting Screw, for Titanium Spiral Blades
357.36 Extraction Screw, for Titanium Femoral Nails
357.511 Insertion Handle, for Titanium Femoral Nails

Cannulated Connecting Screw, for Titanium Femoral Nails, 2 ea.
Ball Hex Screwdriver, 8 mm hex
Cannulated Shaft, 8 mm hex
Radiographic Ruler, for Titanium Unreamed Femoral Nails
Standard Aiming Arm, for Titanium Femoral Nails
8.0 mm/4.0 mm Drill Sleeve
4.0 mm Trocar
11.0 mm/8.0 mm Protection Sleeve
Specialty Aiming Arm, for Titanium Femoral Nails
8.0 mm/3.2 mm Wire Sleeve
3.2 mm Trocar (for use with 357.82)
Holding Sleeve Locking Device
Reaming Rod Measuring Device
Universal Chuck with T-Handle

Synthes