

# JIN TYPE - FEMORAL

## JIN TYPE - FEMORAL NAILING SYSTEM





# about us

Auxein Medical is an integrated, research based, orthopaedic Implants & Instruments manufacturing company, producing a wide range of quality, affordable generic implants, trusted by healthcare professionals and patients across geographies. It is the Company's constant endeavor to provide a wide basket of generic and innovator products that exceed the highest expectations of our customers in term of quality and safety. The company has world-class manufacturing unit established in India and serves customers in over 60 countries worldwide.

## **Our Achievements**

**US FDA 510K APPROVED •**

*(Locking Plates and Screws)*

EC Certificate - Class IIa & IIb •

ISO 13485:2016 •

ISO 9001:2015 •

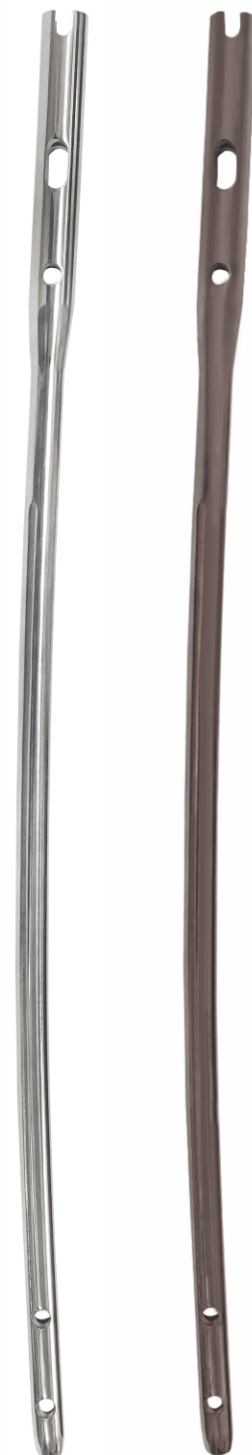
India FDA Approved •

GMP Certificate •

## **Orthopaedic Implants**

**JIN Type - Femoral Nail**

| Ø Dia  | Length | Stainless Steel    | Titanium              |
|--------|--------|--------------------|-----------------------|
| 9.0mm  | 320mm  | <b>1293-9-320</b>  | <b>TI-1293-9-320</b>  |
| 9.0mm  | 340mm  | <b>1293-9-340</b>  | <b>TI-1293-9-340</b>  |
| 9.0mm  | 360mm  | <b>1293-9-360</b>  | <b>TI-1293-9-360</b>  |
| 9.0mm  | 380mm  | <b>1293-9-380</b>  | <b>TI-1293-9-380</b>  |
| 9.0mm  | 400mm  | <b>1293-9-400</b>  | <b>TI-1293-9-400</b>  |
| 9.0mm  | 420mm  | <b>1293-9-420</b>  | <b>TI-1293-9-420</b>  |
| 9.0mm  | 440mm  | <b>1293-9-440</b>  | <b>TI-1293-9-440</b>  |
| 10.0mm | 320mm  | <b>1293-10-320</b> | <b>TI-1293-10-320</b> |
| 10.0mm | 340mm  | <b>1293-10-340</b> | <b>TI-1293-10-340</b> |
| 10.0mm | 360mm  | <b>1293-10-360</b> | <b>TI-1293-10-360</b> |
| 10.0mm | 380mm  | <b>1293-10-380</b> | <b>TI-1293-10-380</b> |
| 10.0mm | 400mm  | <b>1293-10-400</b> | <b>TI-1293-10-400</b> |
| 10.0mm | 420mm  | <b>1293-10-420</b> | <b>TI-1293-10-420</b> |
| 10.0mm | 440mm  | <b>1293-10-440</b> | <b>TI-1293-10-440</b> |
| 11.0mm | 320mm  | <b>1293-11-320</b> | <b>TI-1293-11-320</b> |
| 11.0mm | 340mm  | <b>1293-11-340</b> | <b>TI-1293-11-340</b> |
| 11.0mm | 360mm  | <b>1293-11-360</b> | <b>TI-1293-11-360</b> |
| 11.0mm | 380mm  | <b>1293-11-380</b> | <b>TI-1293-11-380</b> |
| 11.0mm | 400mm  | <b>1293-11-400</b> | <b>TI-1293-11-400</b> |
| 11.0mm | 420mm  | <b>1293-11-420</b> | <b>TI-1293-11-420</b> |
| 11.0mm | 440mm  | <b>1293-11-440</b> | <b>TI-1293-11-440</b> |
| 12.0mm | 320mm  | <b>1293-12-320</b> | <b>TI-1293-12-320</b> |
| 12.0mm | 340mm  | <b>1293-12-340</b> | <b>TI-1293-12-340</b> |
| 12.0mm | 360mm  | <b>1293-12-360</b> | <b>TI-1293-12-360</b> |
| 12.0mm | 380mm  | <b>1293-12-380</b> | <b>TI-1293-12-380</b> |
| 12.0mm | 400mm  | <b>1293-12-400</b> | <b>TI-1293-12-400</b> |
| 12.0mm | 420mm  | <b>1293-12-420</b> | <b>TI-1293-12-420</b> |
| 12.0mm | 440mm  | <b>1293-12-440</b> | <b>TI-1293-12-440</b> |
| 13.0mm | 320mm  | <b>1293-13-320</b> | <b>TI-1293-13-320</b> |
| 13.0mm | 340mm  | <b>1293-13-340</b> | <b>TI-1293-13-340</b> |
| 13.0mm | 360mm  | <b>1293-13-360</b> | <b>TI-1293-13-360</b> |
| 13.0mm | 380mm  | <b>1293-13-380</b> | <b>TI-1293-13-380</b> |
| 13.0mm | 400mm  | <b>1293-13-400</b> | <b>TI-1293-13-400</b> |
| 13.0mm | 420mm  | <b>1293-13-420</b> | <b>TI-1293-13-420</b> |
| 13.0mm | 440mm  | <b>1293-13-440</b> | <b>TI-1293-13-440</b> |



**Ø4.5mm Locking Bolt, Self-Tapping, For JIN Type - Femoral Nail**

| Length | Stainless Steel    | Titanium              |
|--------|--------------------|-----------------------|
| 20mm   | <b>1293-4.5-20</b> | <b>TI-1293-4.5-20</b> |
| 25mm   | <b>1293-4.5-25</b> | <b>TI-1293-4.5-25</b> |
| 30mm   | <b>1293-4.5-30</b> | <b>TI-1293-4.5-30</b> |
| 35mm   | <b>1293-4.5-35</b> | <b>TI-1293-4.5-35</b> |
| 40mm   | <b>1293-4.5-40</b> | <b>TI-1293-4.5-40</b> |
| 45mm   | <b>1293-4.5-45</b> | <b>TI-1293-4.5-45</b> |
| 50mm   | <b>1293-4.5-50</b> | <b>TI-1293-4.5-50</b> |
| 55mm   | <b>1293-4.5-55</b> | <b>TI-1293-4.5-55</b> |
| 60mm   | <b>1293-4.5-60</b> | <b>TI-1293-4.5-60</b> |
| 65mm   | <b>1293-4.5-65</b> | <b>TI-1293-4.5-65</b> |
| 70mm   | <b>1293-4.5-70</b> | <b>TI-1293-4.5-70</b> |
| 75mm   | <b>1293-4.5-75</b> | <b>TI-1293-4.5-75</b> |
| 80mm   | <b>1293-4.5-80</b> | <b>TI-1293-4.5-80</b> |


**End Cap for JIN Type - Femoral Nail**

| Stainless Steel | Titanium           |
|-----------------|--------------------|
| <b>1293-001</b> | <b>TI-1293-001</b> |



**INS-1293-01** Drill Sleeve 8/4mm For Drill Bit Ø4mm



**INS-1293-02** Protection Sleeve 10/8.2mm



**INS-1293-03** Drill Sleeve 8/5.3mm For Drill Bit Ø5.2mm



**INS-1293-04** Tissue protector



**INS-1293-05** Right Angle Locking Rod Ø4mm For Nail Holding Bolt



**INS-1293-06** T-Handle Screw Driver, Hex 3.5mm



**INS-1293-07** Positioning Flat Drill Ø5.2mm with T-Handle



**INS-1293-08** T-Handle Tap Ø6mm For Ø4.5mm Locking Bolt, Self Tapping



**INS-1293-09** Screws Extractor Ø9.9mm



**INS-1293-10** Positioning Rod Ø5mm



**INS-1293-12** Allen Key, Hex 5mm



**INS-1293-13** Allen Key, Hex 3mm



**INS-1293-14**      Combination Wrench, Hex 12mm



**INS-1293-15**      Cannulated Awl



#### Reamer Head

| Code               | Dia     | Code               | Dia     |
|--------------------|---------|--------------------|---------|
| <b>INS-1293-24</b> | Ø13.0mm | <b>INS-1293-21</b> | Ø9.5mm  |
| <b>7-022-03</b>    | Ø12.5mm | <b>INS-1293-22</b> | Ø9.0mm  |
| <b>INS-1293-16</b> | Ø12.0mm | <b>INS-1293-42</b> | Ø8.5mm  |
| <b>INS-1293-17</b> | Ø11.5mm | <b>INS-1293-43</b> | Ø8.0mm  |
| <b>INS-1293-18</b> | Ø11.0mm | <b>7-022-04</b>    | Ø13.5mm |
| <b>INS-1293-19</b> | Ø10.5mm | <b>7-022-05</b>    | Ø14.0mm |
| <b>INS-1293-20</b> | Ø10.0mm |                    |         |



**INS-1293-23**      Drill Bit Plain Shank/ Jacob Chuck End Ø4mm x Length 300mm



**INS-1293-27**      Stopper For Drill Bit Ø4mm



**INS-1293-25** Drill Bit Plain Shank/ Jacob Chuck End Ø5.2mm x Length 250mm



**INS-1293-26** Entry Reamer Ø12.5mm With Quick Coupling End



**INS-1293-28** Reduction Device



**INS-1293-29** Flexible Reaming Shaft (For Reamer Head Ø8mm to 13mm)



**INS-1293-31** Insertion Handle

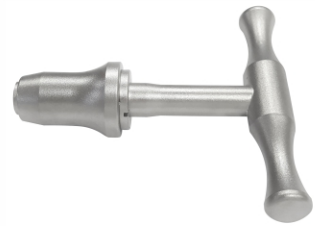


**INS-1293-32** Distal Targeting Arm



**INS-1293-33**

T-Handle Quick Coupling For Flexible Reamer Shaft/Entry Reamer


**INS-1293-34**

Positioning Block


**INS-1293-35**

Trocar Ø8mm


**INS-1293-36**

Distal Targeting Device (Length 320mm To 440mm)


**INS-1293-30**

Bolt For Distal Targeting Device


**INS-1293-37**

Protection Sleeve 15.5/13.5mm For Entry Reamer



**INS-1293-38**      Measuring Device upto 90mm



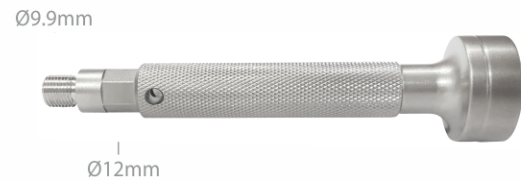
**INS-1293-39**      Extraction Rod With Ram



**INS-1293-40**      Extraxction Handle for JIN Type-Femoral Nail



**INS-1293-41**      Impactor Ø9.9mm



**INS-1293-44**      Guide Wire with Ball Tip Ø3.5mm/2.5mm x Length 1050mm - Nitinol



**INS-1293-46**      Nail Holding Bolt



**INS-1293-47** Bolt For Proximal Targeting Device



**INS-1293-48** Proximal Targeting Device



**INS-1293-49** Guide Wire Introducer



**7-022-06** Guide Wire with Threaded Tip, Ø3.2mm x Length 400mm



**7-022-02** Plastic exchange tube For JIN Type-Femoral Nail

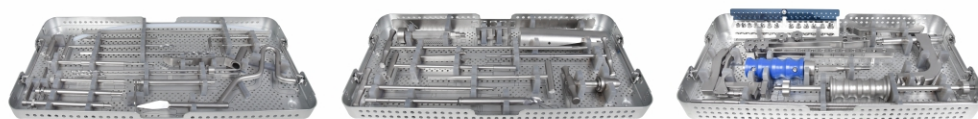


**7-022-01** Radiographic Ruler For JIN Type-Femoral Nail



**INS-1293T**

Instrument Trays For JIN Type- Femoral Nailing Instrument Set

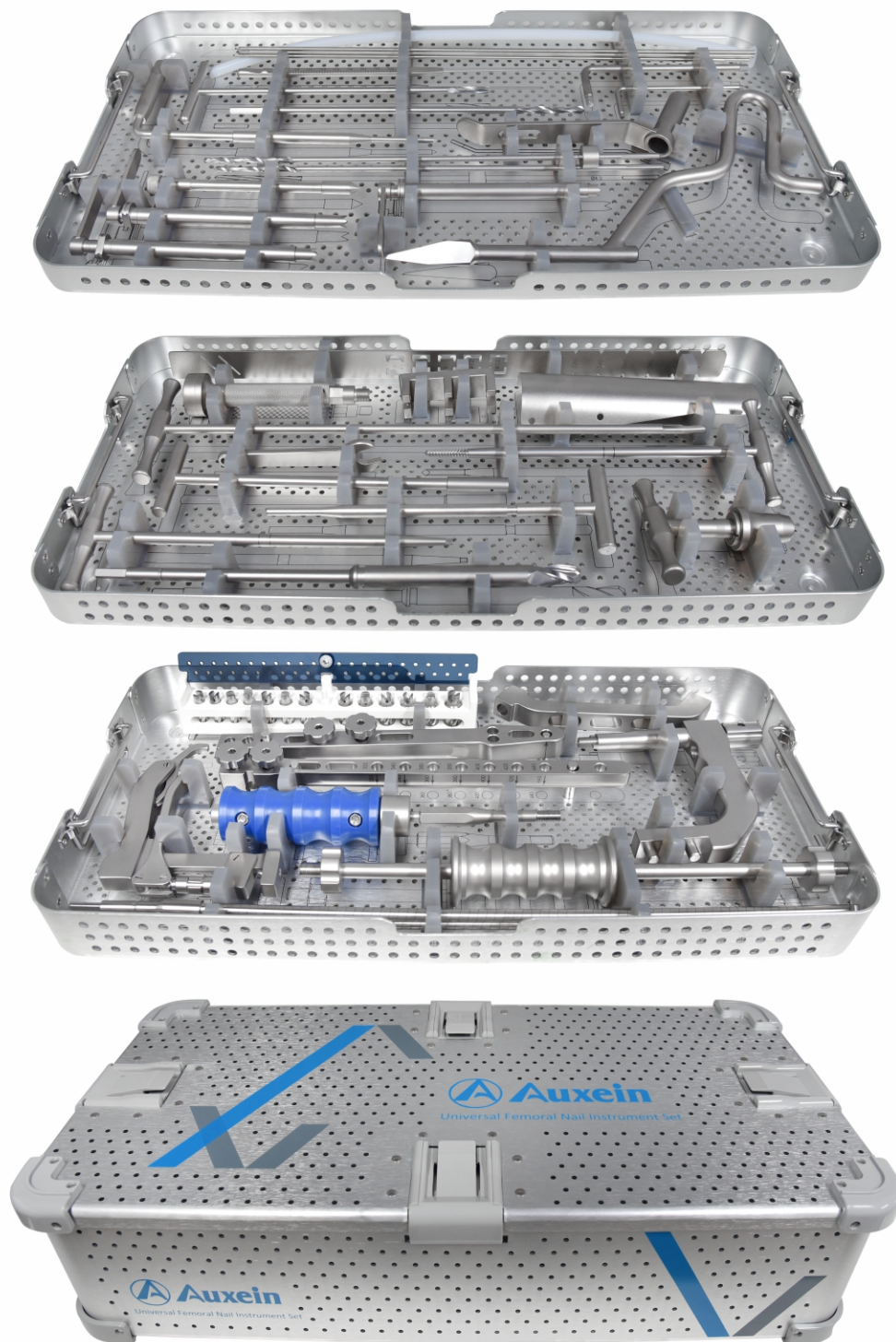


**INS-1293B**

Container for JIN Type- Femoral Nailing Instrument Set



**INS-1293 JIN Type- Femoral Nailing Instrument Set**

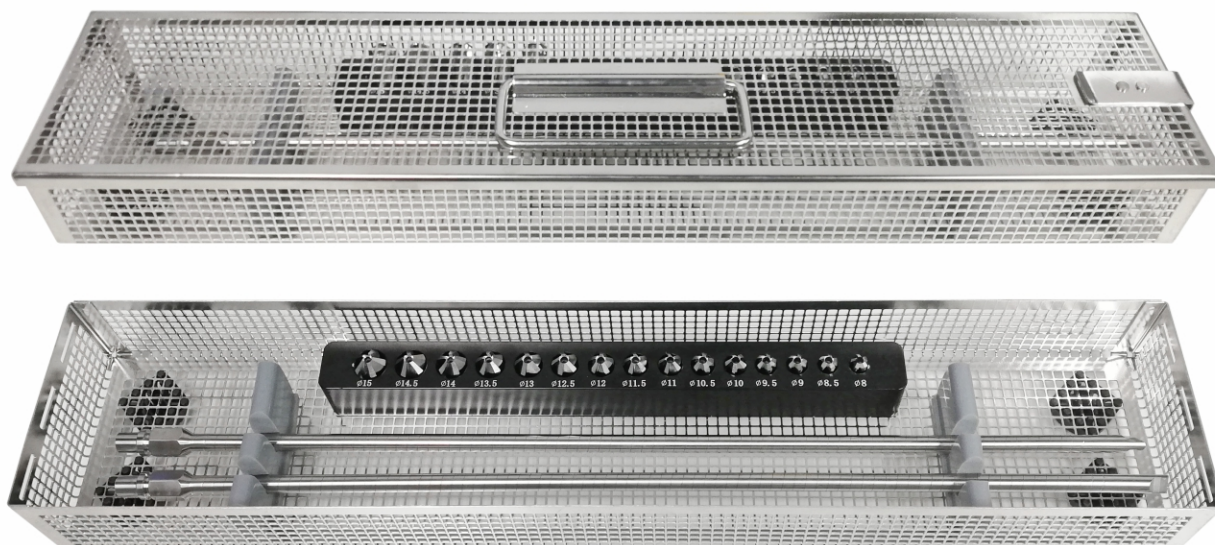


**INS-1293 JIN Type- Femoral Nailing Instrument Set**

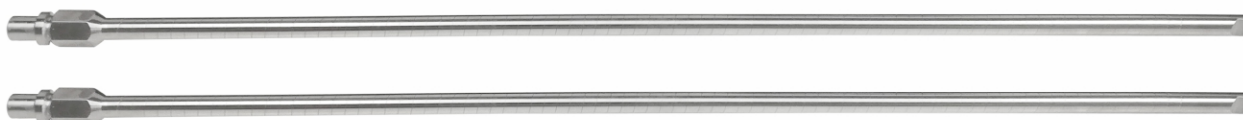
| Code               | Set Consisting of                                            | Units |
|--------------------|--------------------------------------------------------------|-------|
| <b>INS-1293-01</b> | Drill Sleeve 8/4mm For Drill Bit Ø4mm                        | 2     |
| <b>INS-1293-02</b> | Protection Sleeve 10/8.2mm                                   | 3     |
| <b>INS-1293-03</b> | Drill Sleeve 8/5.3mm For Drill Bit Ø5.2mm                    | 1     |
| <b>INS-1293-04</b> | Tissue protector                                             | 1     |
| <b>INS-1293-05</b> | Right Angle Locking Rod Ø4mm For Nail Holding Bolt           | 1     |
| <b>INS-1293-06</b> | T-Handle Screw Driver, Hex 3.5mm                             | 1     |
| <b>INS-1293-07</b> | Positioning Flat Drill Ø5.2mm with T-Handle                  | 1     |
| <b>INS-1293-08</b> | T-Handle Tap Ø6mm For Ø4.5mm Locking Bolt, Self Tapping      | 1     |
| <b>INS-1293-09</b> | Screws Exactor Ø9.9mm                                        | 1     |
| <b>INS-1293-10</b> | Positioning Rod Ø5mm                                         | 1     |
| <b>INS-1293-12</b> | Allen Key, Hex 5mm                                           | 1     |
| <b>INS-1293-13</b> | Allen Key, Hex 3mm                                           | 1     |
| <b>INS-1293-14</b> | Combination Wrench, Hex 12mm                                 | 1     |
| <b>INS-1293-15</b> | Cannulated Awl                                               | 1     |
| <b>INS-1293-24</b> | Reamer Head Ø13mm                                            | 1     |
| <b>7-022-03</b>    | Reamer Head Ø12.5mm                                          | 1     |
| <b>INS-1293-16</b> | Reamer Head Ø12mm                                            | 1     |
| <b>INS-1293-17</b> | Reamer Head Ø11.5mm                                          | 1     |
| <b>INS-1293-18</b> | Reamer Head Ø11mm                                            | 1     |
| <b>INS-1293-19</b> | Reamer Head Ø10.5mm                                          | 1     |
| <b>INS-1293-20</b> | Reamer Head Ø10mm                                            | 1     |
| <b>INS-1293-21</b> | Reamer Head Ø9.5mm                                           | 1     |
| <b>INS-1293-22</b> | Reamer Head Ø9mm                                             | 1     |
| <b>INS-1293-42</b> | Reamer Head Ø8.5mm                                           | 1     |
| <b>INS-1293-43</b> | Reamer Head Ø8mm                                             | 1     |
| <b>7-022-04</b>    | Reamer Head Ø13.5mm                                          | 1     |
| <b>7-022-05</b>    | Reamer Head Ø14mm                                            | 1     |
| <b>INS-1293-23</b> | Drill Bit Plain Shank/ Jacob Chuck End Ø4mm x Length 300mm   | 2     |
| <b>INS-1293-27</b> | Stopper For Drill Bit Ø4mm                                   | 1     |
| <b>INS-1293-25</b> | Drill Bit Plain Shank/ Jacob Chuck End Ø5.2mm x Length 250mm | 1     |
| <b>INS-1293-26</b> | Entry Reamer Ø12.5mm With Quick Coupling End                 | 1     |
| <b>INS-1293-28</b> | Reduction Device                                             | 1     |
| <b>INS-1293-29</b> | Flexible Reaming Shaft (For Reamer Head Ø8mm to 13mm)        | 2     |
| <b>INS-1293-31</b> | Insertion Handle                                             | 1     |

| Code               | Set Consisting of                                               | Units |
|--------------------|-----------------------------------------------------------------|-------|
| <b>INS-1293-32</b> | Distal Targeting Arm                                            | 1     |
| <b>INS-1293-33</b> | T-Handle Quick Coupling For Flexible Reamer Shaft/Entry Reamer  | 1     |
| <b>INS-1293-34</b> | Positioning Block                                               | 1     |
| <b>INS-1293-35</b> | Trocar Ø8mm                                                     | 1     |
| <b>INS-1293-36</b> | Distal Targeting Device (Length 320mm To 440mm)                 | 1     |
| <b>INS-1293-30</b> | Bolt For Distal Targeting Device                                | 3     |
| <b>INS-1293-37</b> | Protection Sleeve 15.5/13.5mm For Entry Reamer                  | 1     |
| <b>INS-1293-38</b> | Measuring Device upto 90mm                                      | 1     |
| <b>INS-1293-39</b> | Extraction Rod With Ram                                         | 1     |
| <b>INS-1293-40</b> | Extraction Handle for JIN Type-Femoral Nail                     | 1     |
| <b>INS-1293-41</b> | Impactor Ø9.9mm                                                 | 1     |
| <b>INS-1293-44</b> | Guide Wire with Ball Tip Ø3.5mm/2.5mm x Length 1050mm - Nitinol | 2     |
| <b>INS-1293-46</b> | Nail Holding Bolt                                               | 1     |
| <b>INS-1293-47</b> | Bolt For Proximal Targeting Device                              | 1     |
| <b>INS-1293-48</b> | Proximal Targeting Device                                       | 1     |
| <b>INS-1293-49</b> | Guide Wire Introducer                                           | 1     |
| <b>7-022-06</b>    | Guide Wire with Threaded Tip, Ø3.2mm x Length 400mm             | 3     |
| <b>7-022-02</b>    | Plastic exchange tube For JIN Type-Femoral Nail                 | 1     |
| <b>7-022-01</b>    | Radiographic Ruler For JIN Type-Femoral Nail                    | 1     |
| <b>INS-1293T</b>   | Instrument Trays For JIN Type- Femoral Nailing Instrument Set   | 3     |
| <b>INS-1293B</b>   | Container for JIN Type- Femoral Nailing Instrument Set          | 1     |

## 7-006 Flexible Reamer Instrument set



## 1459-006 Flexible Reamer Shaft (AO Connection)



### Reamer Head

| Code     | Dia     | Code     | Dia     |
|----------|---------|----------|---------|
| 7-006-01 | Ø8mm    | 1459-015 | Ø12mm   |
| 1459-008 | Ø8.5mm  | 1459-016 | Ø12.5mm |
| 1459-009 | Ø9mm    | 1459-017 | Ø13mm   |
| 1459-010 | Ø9.5mm  | 1459-018 | Ø13.5mm |
| 1459-011 | Ø10mm   | 1459-019 | Ø14mm   |
| 1459-012 | Ø10.5mm | 7-006-02 | Ø14.5mm |
| 1459-013 | Ø11mm   | 7-006-03 | Ø15mm   |
| 1459-014 | Ø11.5mm |          |         |







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