INTENDED USE:
K-Wire & Pin Covers are intended for use to cover the exposed ends of orthopedic K-Wires & Steinmann Pins post-surgery.

PRECAUTIONS:
The K-Wire and Pin Covers are provided non-sterile, but are to be sterilized if used in a sterile environment. Reference the sterilization instructions below for proper sterilization.

INSTRUCTIONS FOR USE:
1. If the pin cover will be used in a non-sterile environment, place the non-sterile pin cover on the exposed end of a wire or pin. The plastic sheath can be used to guide the cover onto the pin and either remain on the cover or be removed and discarded.
2. If the pin cover will be used in a sterile environment, remove the plastic sheath from the round cover and discard.
3. Place the round cover in a sterilization pouch.
4. Pin covers should be sterilized according to the parameters shown here.
5. After sterilization, move the pouched covers to sterile storage area for storage or transport to point of use location.
6. After removing pin covers from pouch, place pin cover on the exposed end of a wire or pin.
7. The pin cover selected for use should have the same diameter as the wire or pin that it is to cover.

CLEANING AND DISINFECTION:
The K-Wire and Pin Covers do not need to be cleaned or disinfected prior to sterilization.

STERILIZATION:
Note: Prior to steam sterilization, the plastic sheath should be removed and discarded; only the round cover has been validated for sterilization.

The pins have been validated for steam sterilization at the following cycle parameters:

<table>
<thead>
<tr>
<th>Cycle Type</th>
<th>Temperature</th>
<th>Minimum Time – Full Cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravity</td>
<td>121°C (250° F)</td>
<td>30 minutes</td>
</tr>
<tr>
<td>Pre-Vacuum</td>
<td>132°C (270° F)</td>
<td>4 minutes</td>
</tr>
</tbody>
</table>

The pins have been validated for the following STERRAD® Systems and cycles:

- **STERRAD® System and Cycle within the United States**
  - STERRAD® 50
  - STERRAD® 200
  - STERRAD® 100S
  - STERRAD® NX Standard cycle
  - STERRAD® NX Advanced cycle
  - STERRAD® 100NX Standard cycle

- **STERRAD® System and Cycle outside United States**
  - STERRAD® 50
  - STERRAD® 200 Short cycle
  - STERRAD® 100S Short cycle
  - STERRAD® NX Standard cycle
  - STERRAD® NX Advanced cycle
  - STERRAD® 100NX Standard cycle

DISPOSAL:
Upon completion of procedure, dispose of both used and unused pin covers according to facility protocol.