

# Item Catalogue

NUPCO CODE: 4232200200500 | SN: 896

NUPCO ITEM DESCRIPTION

SCREW, LOCKED HEAD 3.5MM, OR EQUIVALENT STAINLESS STEEL FOR WRIST FUSION, ASSORTED SIZES

VENDOR PRODUCT DESCRIPTION

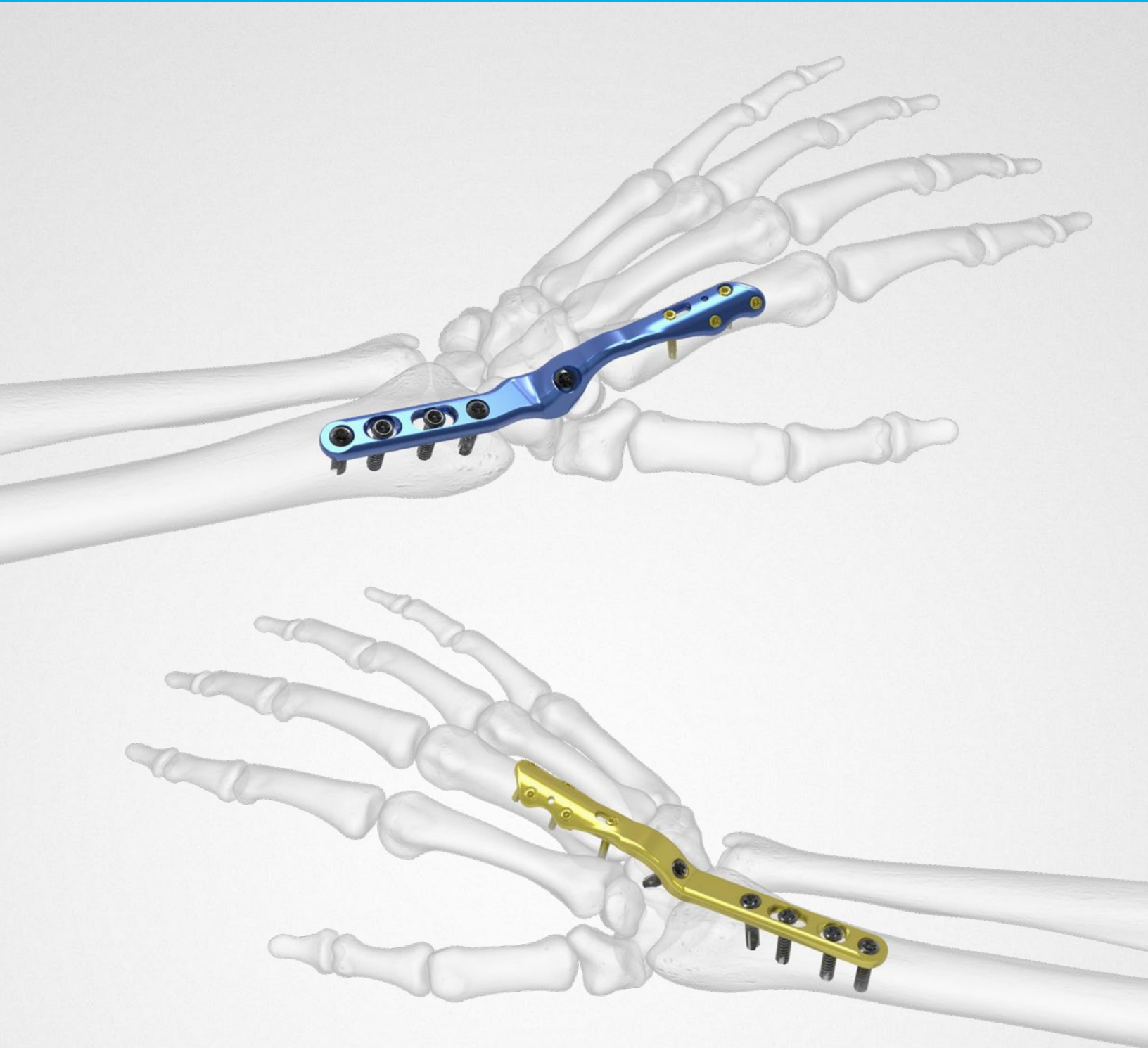
Total Wrist Fusion 3.5 mm locking screw families

SKU CODES INCLUDED FOR THIS NUPCO CODE

- COL-3008
- COL-3010
- COL-3012
- COL-3014
- COL-3016
- COL-3018
- COL-3020
- COL-3022
- COL-3024
- COL-3026
- 30-0232
- 30-0233
- 30-0234
- 30-0235
- 30-0236
- 30-0237
- 30-0238
- 30-0239
- 30-0240
- 30-0241

 **acumed**<sup>®</sup>  
Total Wrist Fusion Plating System

## Surgical Technique



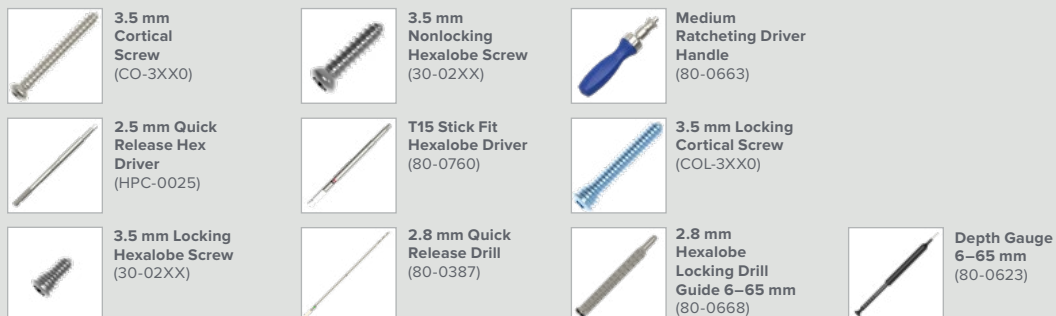
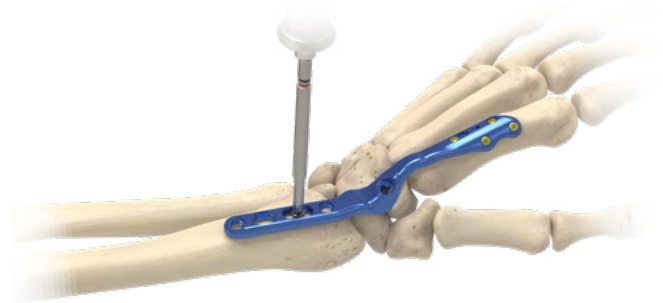
# Total Wrist Fusion System Surgical Technique

## [continued]

Insert a 3.5 mm Cortical screw (CO-3XX0) or 3.5 mm Nonlocking Hexalobe Screw (30-02XX) with the Medium Ratcheting Driver Handle (80-0663) and the 2.5 mm Quick Release Hex Driver (HPC-0025) or T15 Stick Fit Hexalobe Driver (80-0760) into the larger oval reduction slot to secure the plate to the bone. A second nonlocking screw may be placed in the remaining oblong compression slot to compress the arthrodesis site. The position of the wrist, compression of the arthrodesis site, and screw length should be confirmed under fluoroscopic evaluation after this second proximal screw is placed.

Place the remaining 3.5 mm Locking Cortical Screws (COL-3XX0) or 3.5 mm Locking Hexalobe Screws (30-02XX) into the plate by drilling with the 2.8 mm Quick Release Drill (80-0387) or the 2.8 mm Hexalobe Locking Drill Guide 6–65 mm (80-0668). Screw length can be determined by the laser mark reference line on the drill in conjunction with the locking drill guide or with the Depth Gauge 6–65 mm (80-0623).

Figure 10



# Total Wrist Fusion System Surgical Technique

## [continued]

Figure 11



### 5 Carpal Screw Placement (3.5 mm Cortical or Hexalobe Screw)

Place the last screw, the 3.5 mm Locking Cortical Screw (COL-3XX0) or the 3.5 mm Locking Hexalobe Screw (30-02XX) in the center of the plate. For the standard plates placed on the second metacarpal, this screw is inserted through the capitate and unicortically into the hamate for additional construct stability. For the neutral plate placed on the third metacarpal, this screw is inserted unicortically into the capitate.

**Note:** Unicortical drilling of the carpal screw protects the ulnar nerve. The use of fluoroscopy during drilling is recommended.

Figure 12



### 6 Closure

Close the wound in layers with the dorsal capsule closed over the plate. Close the second and fourth dorsal compartments leaving the extensor pollicis longus tendon free in the subcutaneous tissues.



3.5 mm Locking  
Cortical Screw  
(COL-3XX0)



3.5 mm Locking  
Hexalobe Screw  
(30-02XX)

## Ordering Information [continued]

| Instruments |                                   |         |   |                                             |         |
|-------------|-----------------------------------|---------|---|---------------------------------------------|---------|
| 1           | 2.8 mm Quick Release Drill        | 80-0387 | 3 | Depth Gauge 6–65 mm                         | 80-0623 |
| 2           | T15 Stick Fit Hexalobe Driver Tip | 80-0760 | 4 | 2.8 mm Hexalobe Locking Drill Guide 6–65 mm | 80-0668 |

| 3.5 mm Locking Hexalobe Screws        |         |                                       |         |
|---------------------------------------|---------|---------------------------------------|---------|
| 3.5 mm x 8 mm Locking Hexalobe Screw  | 30-0232 | 3.5 mm x 18 mm Locking Hexalobe Screw | 30-0237 |
| 3.5 mm x 10 mm Locking Hexalobe Screw | 30-0233 | 3.5 mm x 20 mm Locking Hexalobe Screw | 30-0238 |
| 3.5 mm x 12 mm Locking Hexalobe Screw | 30-0234 | 3.5 mm x 22 mm Locking Hexalobe Screw | 30-0239 |
| 3.5 mm x 14 mm Locking Hexalobe Screw | 30-0235 | 3.5 mm x 24 mm Locking Hexalobe Screw | 30-0240 |
| 3.5 mm x 16 mm Locking Hexalobe Screw | 30-0236 | 3.5 mm x 26 mm Locking Hexalobe Screw | 30-0241 |

| 3.5 mm Nonlocking Hexalobe Screws        |         |                                          |         |
|------------------------------------------|---------|------------------------------------------|---------|
| 3.5 mm x 8 mm Nonlocking Hexalobe Screw  | 30-0255 | 3.5 mm x 18 mm Nonlocking Hexalobe Screw | 30-0260 |
| 3.5 mm x 10 mm Nonlocking Hexalobe Screw | 30-0256 | 3.5 mm x 20 mm Nonlocking Hexalobe Screw | 30-0261 |
| 3.5 mm x 12 mm Nonlocking Hexalobe Screw | 30-0257 | 3.5 mm x 22 mm Nonlocking Hexalobe Screw | 30-0262 |
| 3.5 mm x 14 mm Nonlocking Hexalobe Screw | 30-0258 | 3.5 mm x 24 mm Nonlocking Hexalobe Screw | 30-0263 |
| 3.5 mm x 16 mm Nonlocking Hexalobe Screw | 30-0259 | 3.5 mm x 26 mm Nonlocking Hexalobe Screw | 30-0264 |

## Ordering Information [continued]

### Optional

#### 2.3 mm Hexalobe Lag Screws

|                                    |            |                                    |            |
|------------------------------------|------------|------------------------------------|------------|
| 2.3 mm x 8 mm Hexalobe Lag Screws  | 3012-23008 | 2.3 mm x 12 mm Hexalobe Lag Screws | 3012-23012 |
| 2.3 mm x 9 mm Hexalobe Lag Screws  | 3012-23009 | 2.3 mm x 14 mm Hexalobe Lag Screws | 3012-23014 |
| 2.3 mm x 10 mm Hexalobe Lag Screws | 3012-23010 | 2.3 mm x 16 mm Hexalobe Lag Screws | 3012-23016 |
| 2.3 mm x 11 mm Hexalobe Lag Screws | 3012-23011 | 2.3 mm x 18 mm Hexalobe Lag Screws | 3012-23018 |

#### 3.5 mm Cortical Screws

|                                 |         |                                 |         |
|---------------------------------|---------|---------------------------------|---------|
| 3.5 mm x 8.0 mm Cortical Screw  | CO-3080 | 3.5 mm x 18.0 mm Cortical Screw | CO-3180 |
| 3.5 mm x 10.0 mm Cortical Screw | CO-3100 | 3.5 mm x 20.0 mm Cortical Screw | CO-3200 |
| 3.5 mm x 12.0 mm Cortical Screw | CO-3120 | 3.5 mm x 22.0 mm Cortical Screw | CO-3220 |
| 3.5 mm x 14.0 mm Cortical Screw | CO-3140 | 3.5 mm x 24.0 mm Cortical Screw | CO-3240 |
| 3.5 mm x 16.0 mm Cortical Screw | CO-3160 | 3.5 mm x 26.0 mm Cortical Screw | CO-3260 |

#### 3.5 mm Locking Cortical Screws

|                                         |          |                                         |          |
|-----------------------------------------|----------|-----------------------------------------|----------|
| 3.5 mm x 8.0 mm Locking Cortical Screw  | COL-3080 | 3.5 mm x 18.0 mm Locking Cortical Screw | COL-3180 |
| 3.5 mm x 10.0 mm Locking Cortical Screw | COL-3100 | 3.5 mm x 20.0 mm Locking Cortical Screw | COL-3200 |
| 3.5 mm x 12.0 mm Locking Cortical Screw | COL-3120 | 3.5 mm x 22.0 mm Locking Cortical Screw | COL-3220 |
| 3.5 mm x 14.0 mm Locking Cortical Screw | COL-3140 | 3.5 mm x 24.0 mm Locking Cortical Screw | COL-3240 |
| 3.5 mm x 16.0 mm Locking Cortical Screw | COL-3160 | 3.5 mm x 26.0 mm Locking Cortical Screw | COL-3260 |

#### Instruments

|                                 |          |
|---------------------------------|----------|
| 2.5 mm Quick Release Hex Driver | HPC-0025 |
|---------------------------------|----------|