

# Item Catalogue

NUPCO CODE: 4232150876700 | SN: 897

NUPCO ITEM DESCRIPTION

PLATE, LCP STAINLESS STEEL FOR WRIST FUSION, ASSORTED TYPES, SHAPES, AND SIZES

VENDOR PRODUCT DESCRIPTION

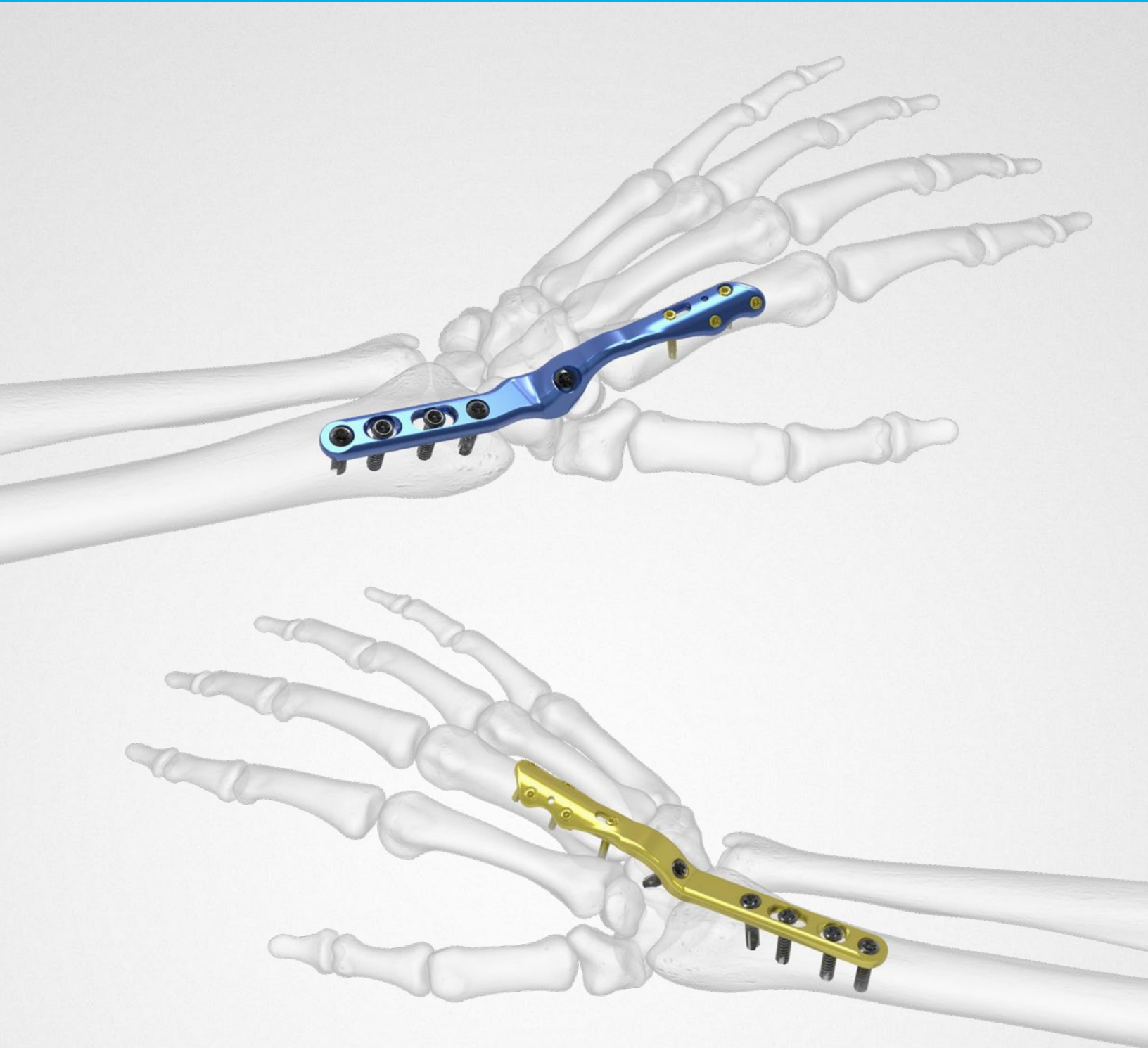
Total Wrist Fusion plate families

SKU CODES INCLUDED FOR THIS NUPCO CODE

- 70-0327
- 70-0326
- 70-0325
- 70-0328
- 70-0362

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

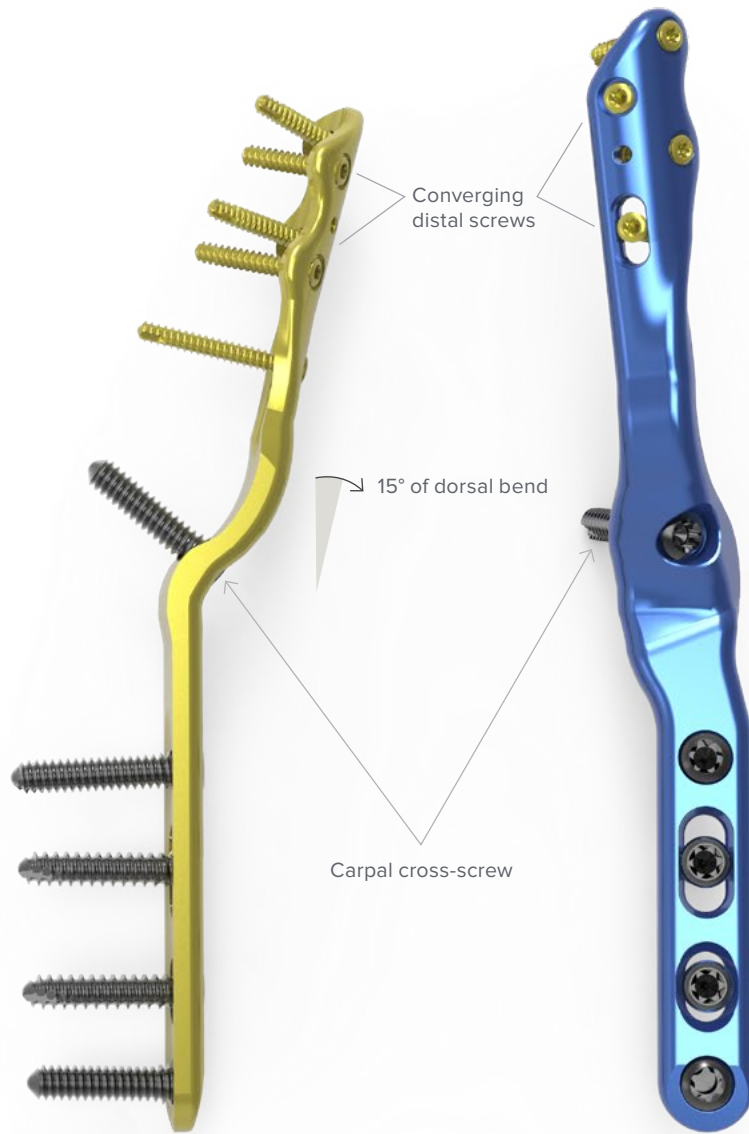
## Surgical Technique



# System Features

## Total Wrist Fusion Plates

Neutral plate for placement on third metacarpal with an associated proximal row carpectomy



Converging distal screws

15° of dorsal bend

Carpal cross-screw

Left-and right-specific plates for placement on the second metacarpal have 10° of ulnar deviation

## System Features [continued]

### Total Wrist Fusion Plates



Total Wrist Fusion Plate,  
Standard, Left  
(70-0325)

Total Wrist Fusion Plate,  
Small, Left  
(70-0327)

Total Wrist Fusion Plate,  
Neutral  
(70-0362)

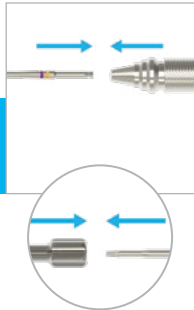
Total Wrist Fusion Plate,  
Small, Right  
(70-0328)

Total Wrist Fusion Plate,  
Standard, Right  
(70-0326)

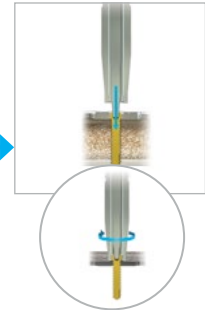
# Surgical Technique and Instructions Overview

SaveLock  
Compression  
Sleeve

Assembly



Remove 2.3 mm  
Hexalobe  
MultiScrew  
from Caddy



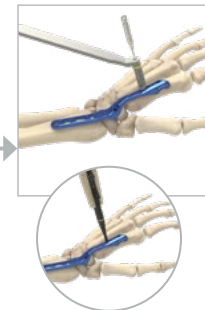
Incision and  
Dissection



Plate Placement



Screw Placement  
and Reduction



Total Wrist  
Fusion System

# Total Wrist Fusion System Surgical Technique

## 1 Plate Selection

The Total Wrist Fusion Plate, Standard (Left: 70-0325 or Right: 70-0326) and the Total Wrist Fusion Plate, Small (Left: 70-0327 or Right: 70-0328) are available depending on patient anatomy. These plates are designed for use on the second metacarpal. For patients requiring a proximal row carpectomy, the Total Wrist Fusion Plate, Neutral (70-0362) is recommended. This plate is designed for use on the third metacarpal without an intact proximal carpal row.

**Note:** Plates may be bent as needed based on patient anatomy. However, plates should not be bent across screw holes or bent multiple times in opposite directions.



Total Wrist Fusion Plate, Standard  
(70-0325 or 70-0326)



Total Wrist Fusion Plate, Small  
(70-0327 or 70-0328)



Total Wrist Fusion Plate, Neutral  
(70-0362)

# Total Wrist Fusion System Surgical Technique

## [continued]

Figure 3



### 3 Plate Placement

#### Standard Plates/Small Plates

Place the Total Wrist Fusion Plate, Standard (Left: 70-0325 or Right: 70-0326) or Total Wrist Fusion Plate, Small (Left: 70-0327 or Right: 70-0328) on the dorsum of the second metacarpal and the carpus, and dorsoradially on the distal radius. A portion of Lister's tubercle may need to be removed to allow the plate to sit flush on the distal radius.

Initially focus placement on metacarpal fixation only. Place standard and small plates as far distal as possible so that there is no gap between the trapezoid and the plate.

Care should be given to ensure the slot on the distal end of the plate is placed directly dorsal and does not rotate laterally toward the thumb. Use a .062" x 6" K-wire (WS-1607ST) on the distal portion of the plate to assist in preventing lateral rotation.

**Note:** If the plate does not sit flat, a small piece of the trapezoid or the scaphoid may need to be removed so that the plate can be positioned directly dorsal.

#### Neutral Plates

Place the Total Wrist Fusion Plate, Neutral (70-0362) over the dorsal aspect of the third metacarpal. Placement initially should be focused on metacarpal fixation only. Place plates as far distal as possible so that there is not a gap between the capitate and the plate.

**Note:** If the plate does not sit flat, a small piece of the capitate may need to be removed so that the plate can be positioned directly dorsal.

Figure 4



Total Wrist Fusion Plate, Standard (70-0325 or 70-0326)



Total Wrist Fusion Plate, Small (70-0327 or 70-0328)



Total Wrist Fusion Plate, Neutral (70-0362)



.062" x 6" Guide Wire (WS-1607ST)  
Also used as a K-wire

# Ordering Information

## Tray Components

### Implants

|   |                                          |         |   |                                           |         |
|---|------------------------------------------|---------|---|-------------------------------------------|---------|
| 1 | Total Wrist Fusion Plate, Small, Left    | 70-0327 | 4 | Total Wrist Fusion Plate, Standard, Right | 70-0326 |
| 2 | Total Wrist Fusion Plate, Standard, Left | 70-0325 | 5 | Total Wrist Fusion Plate, Small, Right    | 70-0328 |
| 3 | Total Wrist Fusion Plate, Neutral        | 70-0362 |   |                                           |         |

### Instruments

|   |                                |         |    |                                 |           |
|---|--------------------------------|---------|----|---------------------------------|-----------|
| 6 | 2.0 mm/2.8 mm Thin Drill Guide | PL-2118 | 9  | Medium Ratcheting Driver Handle | 80-0663   |
| 7 | Large Plate Bender             | PL-2045 | 10 | Plate Tack                      | PL-PTACK  |
| 8 | Cruciform Driver Handle        | MS-2210 | 11 | .062" x 6" Guide Wire           | WS-1607ST |