

# Item Catalogue

NUPCO CODE: 4232270000700 | SN: 796

NUPCO ITEM DESCRIPTION

SET, COMPLETE INSTRUMENTATION FOR STAINLESS STEEL FOREFOOT AND MIDFOOT PLATING, WITH NECESSARY CASE AND IMPLANT TRAY

VENDOR PRODUCT DESCRIPTION

Forefoot/Midfoot instrumentation set

SKU CODES INCLUDED FOR THIS NUPCO CODE

- MS-9022
- PL-2118
- PL-2196
- PL-2095
- 80-0385
- 80-0384
- HT-2502
- HPC-0025
- MS-SS35
- MS-DC35
- 80-0387
- 80-0386
- PL-PTACK
- WS-1106ST
- WS-1607ST
- MS-LTT27
- MS-LTT35
- PL-2080
- PL-2040
- PL-2045
- MS-48217
- MS-48245
- PL-CL05
- MS-46827
- PL-CL06
- MS-57614
- MS-47135
- MS-45300
- OW-1200
- MS-46211
- PL-CL04
- MS-1280
- 80-0472
- PL-2030
- MS-3200

# System Features [continued]

## Screw Options

### Metatarsophalangeal (MTP) Plates, Tarsometatarsal (TMT) Plates, Osteotomy Plates

**Locking and Nonlocking Screws** provide surgeons with the choice of 3.0 or 3.5 mm hexalobe screws and 4.0 mm cancellous screws. The associated drills, locking drill guides, and drivers for use with these hexalobe screws are listed in the surgical techniques.

**Note:** The system can also be used with Acumed 2.7 mm hex or 3.5 mm hex screws. If using optional screw sizes, please see reference chart to the right.

| Screw Size & Driver            | Quick Release Drill                 |
|--------------------------------|-------------------------------------|
| 2.7 mm hex<br>HPC-0025 (short) | 2.0 mm 80-0386<br>or HT-2502 (long) |
| 3.5 mm hex<br>HPC-0025 (short) | 2.8 mm 80-0387<br>or HT-2502 (long) |
| Locking Drill Guide            |                                     |
| 2.7 mm hex                     | 80-0385                             |
| 3.5 mm hex                     | 80-0384                             |

#### System Screws



3.0 mm Locking Hexalobe Screw  
8 mm–26 mm  
(30-02XX)



3.5 mm Locking Hexalobe Screw  
8 mm–26 mm  
(30-02XX)



3.0 mm Nonlocking Hexalobe Screw  
8 mm–26 mm  
(30-03XX)



3.5 mm Nonlocking Hexalobe Screw  
8 mm–26 mm  
(30-02XX)



4.0 mm Cancellous (Hex) Screw  
12 mm–60 mm  
(CA-4XXX)

#### Optional Cortical (Hex) Screws



2.7 mm Locking Cortical (Hex) Screw  
8 mm–65 mm  
(COL-2XXX)



3.5 mm Locking Cortical (Hex) Screw  
6 mm–65 mm  
(COL-3XXX)



2.7 mm (Nonlocking) Cortical (Hex) Screw  
8 mm–65 mm  
(CO-27XX)



3.5 mm (Nonlocking) Cortical (Hex) Screw  
6 mm–65 mm  
(CO-3XXX)

## Instrument Overview



**6 mm–70 mm Depth Gauge,  
2 mm Increments**  
(MS-9022)



**2.0 mm/2.8 mm Thin Drill  
Guide**  
(PL-2118)



**2.8 mm/3.5 mm Thin Drill  
Guide**  
(PL-2196)



**2.3 mm/3.0 mm Narrow Drill  
Guide**  
(80-1991)



**2.8 mm Hexalobe Locking Drill  
Guide 6–65 mm**  
(80-0668)



**2.3 mm Hexalobe Locking Drill  
Guide 6–65 mm**  
(80-0622)



**2.3 mm Quick Release Drill**  
(80-0627)



**3.0 mm x 5" Quick Release Drill**  
(80-1088)



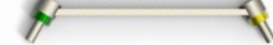
**T15 Stick Fit Hexalobe Driver**  
(80-0760)



**T15 6" Long Stick Fit Hexalobe  
Driver**  
(80-1065)



**Depth Gauge 6–65 mm**  
(80-0623)



**Offset Drill Guide**  
(PL-2095)



**2.5 mm Solid, Quick Release,  
Driver Tip**  
(HT-2502)



**2.5 mm Quick Release  
Hex Driver**  
(HPC-0025)



**3.5 mm Screw Driver Sleeve**  
(MS-SS35)



**3.5 mm x 5" Quick Release Drill**  
(MS-DC35)



**Plate Tack**  
(PL-PTACK)



**.045" x 6" ST Guide Wire**  
(WS-1106ST)



**.062" x 6" Guide Wire**  
(WS-1607ST)



**2.7 mm Cortical Screw  
Bone Tap**  
(MS-LTT27)

## Instrument Overview [continued]



**3.5 mm Cortical Screw  
Bone Tap**  
(MS-LTT35)



**Cortical and Cancellous Screw  
Countersink**  
(PL-2080)



**Plate Bender**  
(PL-2040)



**Plate Bender, Large**  
(PL-2045)



**Inge Retractor, 6.5"**  
(MS-48217)



**Needle Nose Pliers, 5.5"**  
(MS-48245)



**8 mm Hohmann Retractor**  
(PL-CL05)



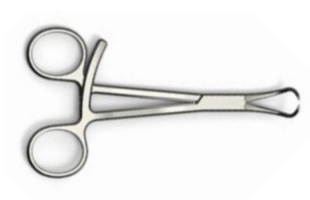
**15 mm Hohmann Retractor**  
(MS-46827)



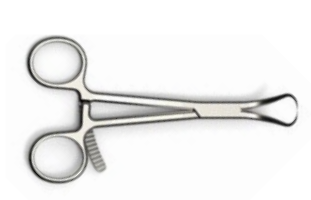
**Sharp Hook**  
(PL-CL06)



**Freer Elevator, 7.5"**  
(MS-57614)



**Bone Reduction Forceps with  
Points, 5 Broad**  
(MS-47135)



**Bone Reduction Forceps, 5.25"**  
(MS-45300)



**Small Pointed Reduction  
Forceps**  
(OW-1200)



**Periosteal Elevator, 7.25"**  
(MS-46211)



**8" Bone Reduction Forceps**  
(MS-1280)



**Reduction Forceps With  
Serrated Jaw**  
(PL-CL04)



**Inge Retractor Without Teeth**  
(80-0472)



**Plate Holder Assembly**  
(PL-2030)



**Large Cannulated Quick  
Release Driver Handle**  
(MS-3200)

# Locking Osteotomy Plate Surgical Technique [continued]

Figure 1



Figure 2

## 1 Initial Screw Placement

Place the selected Hexalobe Locking Drill Guide (80-0668 or 80-0622) into the proximal medial hole and drill through both cortices. If screw angulation is desired, a standard Drill Guide (PL-2118 or PL-2196) can be used to tilt the drill up to 10 degrees.

**Caution:** Locking screws cannot be used if an angled hole is drilled because the plate and screw head threads won't match. Use the Depth Gauge 6–65 mm (80-0623) to determine the screw length and insert the screw.

### Note:

1. Select the screw diameter based upon the patient's anatomy. The 2.8 mm Quick Release Drill (80-0387) is provided for the 3.5 mm hexalobe and 4.0 mm screws. The 2.3 mm Quick Release Drill (80-0627) is used for the 3.0 mm hexalobe screws.
2. The system can also be used with Acumed 2.7 mm hex or hexalobe or 3.5 mm hex screws. If using optional screw sizes, see the reference chart on page 2.

### Optional Compression of Osteotomy Site

Without using the drill guide, place the drill at the distal end of the most distal screw hole. As the nonlocking screw head makes contact with the plate, the distal fragment will be drawn toward the proximal fragment, causing minor interfragmental compression. Otherwise, place the selected locking drill guide into the most distal screw hole and use the same screw insertion process.

**Note:** For hard bone, 2.7 mm and 3.5 mm Bone Taps (MS-LTT27 and MS-LTT35) are recommended.



2.8 mm Hexalobe Locking Drill Guide 6–65 mm (80-0668)



2.3 mm Locking Drill Guide 6–65 mm (80-0622)



Drill Guide (PL-2118 or PL-2196)



Depth Gauge 6 mm–65 mm (80-0623)



2.8 mm Quick Release Drill (80-0387)



2.3 mm Quick Release Drill (80-0627)



2.7 mm Cortical Screw Bone Tap (MS-LTT27)



3.5 mm Cortical Screw Bone Tap (MS-LTT35)

## Ordering Information [continued]

### Tray Components

#### Instruments

|    |                                            |          |    |                                              |           |
|----|--------------------------------------------|----------|----|----------------------------------------------|-----------|
| 1  | 6 mm–70 mm Depth Gauge,<br>2 mm Increments | MS-9022  | 11 | 2.8 mm Quick Release Drill                   | 80-0387   |
| 2  | 2.0 mm/2.8 mm Thin Drill Guide             | PL-2118  | 12 | 2.0 mm Quick Release Drill                   | 80-0386   |
| 3  | 2.8 mm/3.5 mm Thin Drill Guide             | PL-2196  | 13 | Plate Tack                                   | PL-PTACK  |
| 4  | Offset Drill Guide                         | PL-2095  | 14 | .045" x 6" ST Guide Wire*                    | WS-1106ST |
| 5  | 2.0 mm Locking Drill Guide<br>6–65 mm      | 80-0385  | 15 | .062" x 6" ST Guide Wire*                    | WS-1607ST |
| 6  | 2.8 mm Locking Drill Guide<br>6–65 mm      | 80-0384  | 16 | 2.7 mm Cortical Screw Bone Tap               | MS-LTT27  |
| 7  | 2.5 mm Solid, Quick Release,<br>Driver Tip | HT-2502  | 17 | 3.5 mm Cortical Screw Bone Tap               | MS-LTT35  |
| 8  | 2.5 mm Quick Release Hex Driver            | HPC-0025 | 18 | Cortical and Cancellous Screw<br>Countersink | PL-2080   |
| 9  | 3.5 mm Screw Driver Sleeve                 | MS-SS35  | 19 | Plate Bender                                 | PL-2040   |
| 10 | 3.5 mm x 5" Quick Release Drill            | MS-DC35  | 20 | Plate Bender, Large                          | PL-2045   |

### Additional Instruments

|                                                |         |                                       |         |
|------------------------------------------------|---------|---------------------------------------|---------|
| 2.3 mm/3.0 mm Narrow Drill Guide               | 80-1991 | 3.0 mm x 5" Quick Release Drill       | 80-1088 |
| 2.8 mm Hexalobe Locking Drill Guide<br>6-65 mm | 80-0668 | T15 Stick Fit Hexalobe Driver         | 80-0760 |
| 2.3 mm Hexalobe Locking Drill Guide<br>6-65 mm | 80-0622 | T15 6" Long Stick Fit Hexalobe Driver | 80-1065 |
| 2.3 mm Quick Release Drill                     | 80-0627 | Depth Gauge 6-65 mm                   | 80-0623 |

\*Also used as a K-wire

## Ordering Information [continued]

### Tray Components

#### Soft Tissue Instruments

|   |                          |          |    |                                             |          |
|---|--------------------------|----------|----|---------------------------------------------|----------|
| 1 | Inge Retractor, 6.5"     | MS-48217 | 7  | Bone Reduction Forceps with Points, 5 Broad | MS-47135 |
| 2 | Needle Nose Pliers, 5.5" | MS-48245 | 8  | Bone Reduction Forceps, 5.25"               | MS-45300 |
| 3 | 8 mm Hohmann Retractor   | PL-CL05  | 9  | Small Pointed Reduction Forceps             | OW-1200  |
| 4 | 15 mm Hohmann Retractor  | MS-46827 | 10 | Periosteal Elevator, 7.25"                  | MS-46211 |
| 5 | Sharp Hook               | PL-CL06  | 11 | Reduction Forceps With Serrated Jaw         | PL-CL04  |
| 6 | Freer Elevator, 7.5"     | MS-57614 | 12 | 8" Bone Reduction Forceps                   | MS-1280  |

# Ordering Information [continued]

| Optional Instruments                         |         |                       |         |
|----------------------------------------------|---------|-----------------------|---------|
| Inge Retractor without Teeth                 | 80-0472 | Plate Holder Assembly | PL-2030 |
| Large Cannulated Quick Release Driver Handle | MS-3200 |                       |         |