

Item Catalogue

NUPCO CODE: 4224210000900 | SN: 904

NUPCO ITEM DESCRIPTION

SET, COMPLETE INSTRUMENTATION FOR WRIST FUSION TITANIUM PLATING

VENDOR PRODUCT DESCRIPTION

Total Wrist Fusion instrumentation set

SKU CODES INCLUDED FOR THIS NUPCO CODE

PL-2118
PL-2045
MS-2210
80-0663
PL-PTACK
WS-1607ST
80-0387
80-0760
80-0623
80-0668
80-1955
80-1809
80-1796
80-1797
80-1816
80-1756
80-1954
HPC-0025

Instrument Overview



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



Large Plate Bender
(PL-2045)



Cruciform Driver Handle
(MS-2210)



Medium Ratcheting Driver Handle
(80-0663)



Plate Tack
(PL-PTACK)



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



2.8 mm Quick Release Drill
(80-0387)



T15 Stick Fit Hexalobe Driver Tip
(80-0760)



Depth Gauge 6–65 mm
(80-0623)



2.8 mm Hexalobe Locking Drill Guide
(80-0668)



SaveLock Compression Sleeve
(80-1955)



2.0 mm MultiScrew Drill Guide 5–20 mm
(80-1809)



2.0 mm x 3.5" Quick Release Drill
(80-1796)



T6 Stick Fit Driver Tip
(80-1756)



2.0 mm x 3.5" J-Latch Drill
(80-1816)



2.0 mm x 3.5" Mini-AO Drill
(80-1797)



2.3 mm MultiScrew Depth Gauge
(80-1954)

Total Wrist Fusion System Surgical Technique

[continued]

4 Screw Placement and Reduction

Install screws first in the distal end of the plate to allow proper plate positioning before placing screws proximally.

Distal Screw Placement (2.3 mm Hexalobe MultiScrew)

Place an initial 2.3 mm Hexalobe MultiScrew (3004-230XX) distally to reduce the plate to the bone.

Using the 2.0 mm x 3.5" Quick Release Drill (80-1796) and the 2.0 mm MultiScrew Drill Guide 5–20 mm (80-1809), drill to the proper depth in the oblong slot in the distal end of the plate (see Figure 5).

Measure for screw length using the 2.3 mm MultiScrew Depth Gauge (80-1954) (see Figure 6).

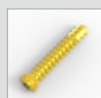
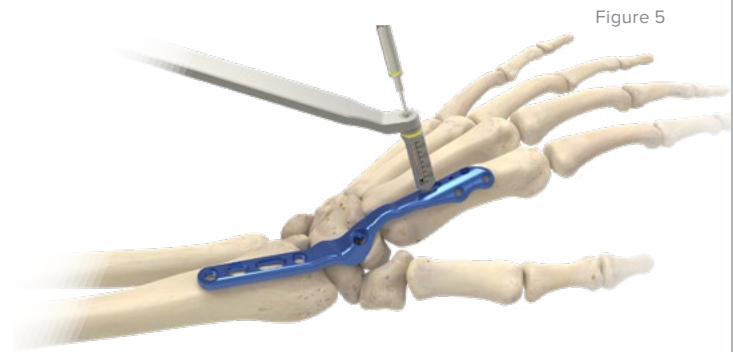
Insert a 2.3 mm Hexalobe MultiScrew with the Cruciform Driver Handle (MS-2210) and the T6 Stick Fit Driver Tip (80-1756) (see Figure 7).

Hexalobe MultiScrews should be inserted using only the Cruciform Driver Handle provided in the system and locked to “three finger tight.” This is generated by using only the thumb, index, and middle fingers. Unlike traditional nonlocking screws, there is no “hard stop” feature when Hexalobe MultiScrews are used as a nonlocking screw in an oblong slot.

Place the remaining multiscrews through the distal aspect of the plate into the second metacarpal or third metacarpal.

Note: The SaveLock Compression Sleeve (80-1955) may be used for additional compression.

Note: When pressed into the counterbore of the plate, the drill guide will align with the proper screw trajectory.



2.3 mm Hexalobe MultiScrew (3004-230XX)



2.0 mm x 3.5" Quick Release Drill (80-1796)



2.0 mm MultiScrew Drill Guide 5–20 mm (80-1809)



2.3 mm MultiScrew Depth Gauge (80-1954)



Cruciform Driver Handle (MS-2210)



T6 Stick Fit Driver Tip (80-1756)



SaveLock Compression Sleeve (80-1955)

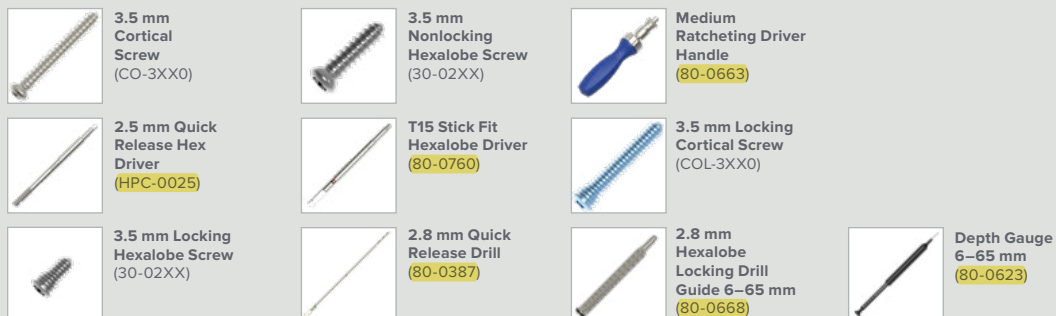
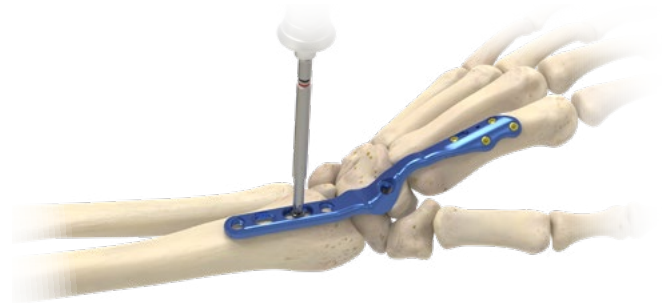
Total Wrist Fusion System Surgical Technique

[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



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

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]

Instruments					
1	SaveLock Compression Sleeve	80-1955	5	2.0 mm x 3.5" J-Latch Drill	80-1816
2	2.0 mm MultiScrew Drill Guide 5–20 mm	80-1809	6	T6 Stick Fit Driver Tip	80-1756
3	2.0 mm x 3.5" Quick Release Drill	80-1796	7	2.3 mm MultiScrew Depth Gauge	80-1954
4	2.0 mm x 3.5" Mini-AO Drill	80-1797			

2.3 mm Hexalobe MultiScrews			
2.3 mm x 5 mm Hexalobe MultiScrew	3004-23005	2.3 mm x 12 mm Hexalobe MultiScrew	3004-23012
2.3 mm x 6 mm Hexalobe MultiScrew	3004-23006	2.3 mm x 13 mm Hexalobe MultiScrew	3004-23013
2.3 mm x 7 mm Hexalobe MultiScrew	3004-23007	2.3 mm x 14 mm Hexalobe MultiScrew	3004-23014
2.3 mm x 8 mm Hexalobe MultiScrew	3004-23008	2.3 mm x 16 mm Hexalobe MultiScrew	3004-23016
2.3 mm x 9 mm Hexalobe MultiScrew	3004-23009	2.3 mm x 18 mm Hexalobe MultiScrew	3004-23018
2.3 mm x 10 mm Hexalobe MultiScrew	3004-23010	2.3 mm x 20 mm Hexalobe MultiScrew	3004-23020
2.3 mm x 11 mm Hexalobe MultiScrew	3004-23011		

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
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