

Item Catalogue

NUPCO CODE: 4229660310200 | SN: 766

NUPCO ITEM DESCRIPTION

SET, COMPLETE INSTRUMENTATION FOR VOLAR VARIABLE ANGLE DISTAL RADIAL TITANIUM PLATING

VENDOR PRODUCT DESCRIPTION

Acu-Loc 2 distal radius plating instruments

SKU CODES INCLUDED FOR THIS NUPCO CODE

80-0693
WS-1406ST
80-0725
PL-2118
80-0729
80-0623
80-0598
MS-2210
80-0600
80-0663
80-0730
80-0697
WS-0906ST
80-0695
80-0724
80-0699
80-0726
80-0694
80-0696
80-1071
80-0701
80-0705
80-0704
80-0700
80-0702
80-0155
80-0762
80-0166
80-0274
80-0592
80-0363
80-0387
80-0668
80-0760
80-0728
80-0249
80-0688
MS-DG23
80-0318
80-0346

Acu-Loc 2 Volar Distal Radius (VDR) Surgical Technique [continued]

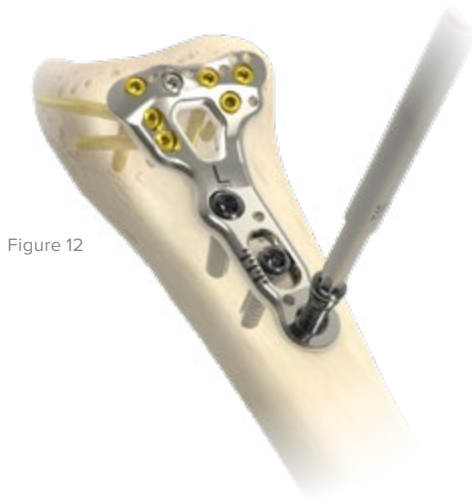


Figure 12



Figure 13



Figure 14

Figure 15

6 Proximal Screw Placement

Insert the threaded 2.8 mm Locking Drill Guide (80-0384 or 80-0668) into the screw hole distal to the slot, drill with the 2.8 mm Quick Release Drill (80-0387), and measure with the Depth Gauge 6–65 mm (80-0623). Insert the proper-length 3.5 mm Locking Hex or Locking Hexalobe Screw (30-023X or COL-3XXX) (Figure 11). Take care that the screw does not exit the bone dorsally. Using the same process, drill and place the final locking screw (Figure 12).

Note: 3.5 mm locking or nonlocking hex or hexalobe screws can be used in the proximal round locking holes. Depending on the bone quality of the patient and at the surgeon's discretion, 3.5 mm nonlocking hex or hexalobe screws may be preferred for use in the round locking holes.

An optional 3.5 mm Locking Screw Bone Tap (80-2126) may be necessary if encountering hard cortical bone.

Optional: A 2.7 mm Locking Low-Profile Hexalobe Screw (3040-230XX) can be used in place of the 3.5 mm screw using the 2.0 mm Quick Release Drill (80-0318) and the 2.0 mm Hexalobe Locking Drill Guide (80-4029).

7 Closing and Postoperative Protocol

Perform a thorough radiographic evaluation, checking fragment reduction, alignment, and screw placement. Verify that there is no gap between the bone and the plate in the lateral view and that the distal screws have not penetrated the radiocarpal joint (Figures 13 and 14). Close the wound and support the wrist according to bone quality and stability.

Allow for early functional use of the hand and start immediate finger range of motion and forearm rotation postoperatively.

Closing and postoperative protocol are at the discretion of the surgeon.

8 Optional: Implant Removal Instructions

To extract an Acu-Loc 2 VDR Plate, use the 2.5 mm Hex Driver (HPC-0025) or T15 Stick Fit Hexalobe Driver (80-0760) and Medium Ratcheting Driver Handle (80-0663) to remove all the 3.5 mm screws in the plate. Use the T8 Stick Fit Hexalobe Driver (80-0759) and Medium Ratcheting Driver Handle (80-0663) to remove any 2.7 mm screws. Use the 1.5 mm Hex Driver Tip, Locking Groove (80-0728) with the Cruciform Driver Handle (MS-2210) for the 2.3 mm screws.

If there is resistance or a risk of breakage, reference the Screw Removal Brochure (SPF10-00) and additional removal tools 80-0598 and 80-0600; Easyout, Quick Release.

Acu-Loc Volar Distal Ulna (VDU) Plate Surgical Technique [continued]

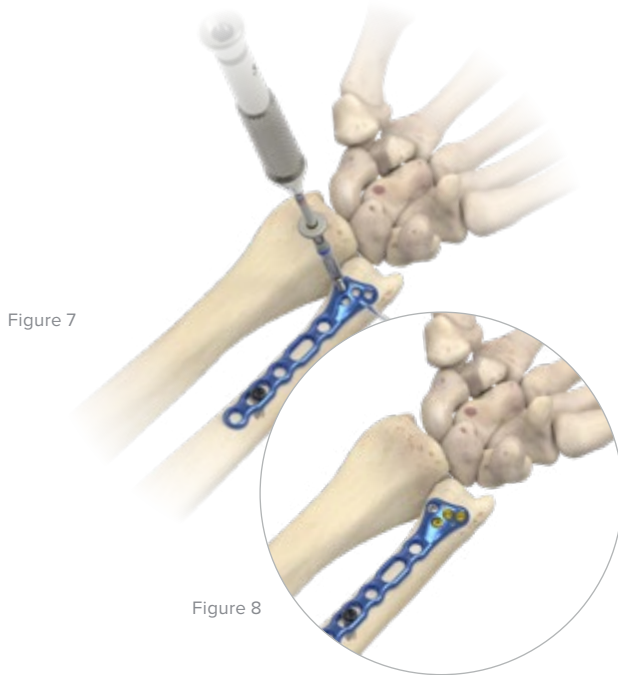


Figure 7

Figure 8

5 Distal Screw Placement

Three types of 2.3 mm screws can be used in any of the four distal holes: Locking Cortical Screws (gold) (CO-T23XX), Locking Cortical Pegs (bronze) (CO-S23XX), and Nontoggling Cortical Screws (silver) (CO-N23XX). All 2.3 mm screws are inserted using the 1.5 mm Hex Driver Tip, Locking Groove (80-0728), 2.3 mm Screw Sleeve, Locking Tab (80-0727), and the silver Cruciform Driver Handle (MS-2210) (Figures 7 and 8).

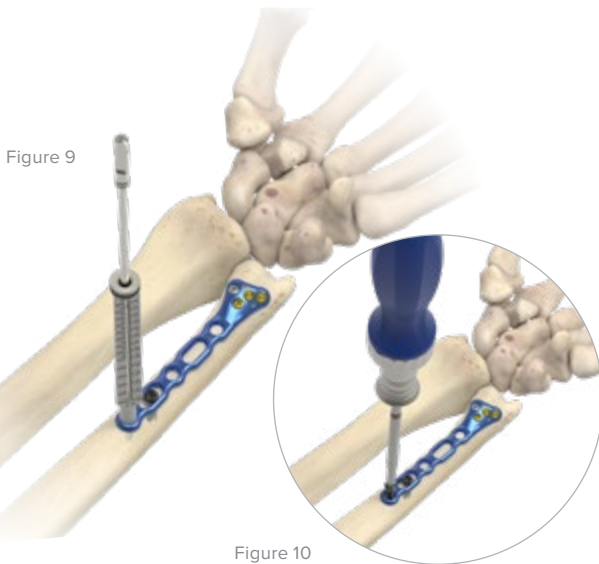


Figure 9

Figure 10

6 Proximal Screw Placement

Thread the threaded 2.8 mm Locking Drill Guide 6–65 mm (80-0384) or 2.8 mm Hexalobe Locking Drill Guide 6–65 mm (80-0668) in the hole just proximal to the slotted hole in the shaft of the plate. Drill with the 2.8 mm Quick Release Drill (80-0387) and measure with the Depth Gauge 6–65 mm (80-0623) (Figure 9). Insert the proper-length 3.5 mm Locking Hex or Locking Hexalobe Screw (30-023X or COL-3XXX) using the 2.5 mm Quick Release Hex Driver (HPC-0025) or the T15 Stick Fit Hexalobe Driver (80-0760), the 3.5 mm Screw Driver Sleeve (MS-SS35), and the Medium Ratcheting Driver Handle (80-0663) (Figure 10), taking care that the screw does not exit the bone dorsally.

Using the same process, drill and place the final locking screw in the remaining locking hole. Remove the proximal K-wire.

Note: 3.5 mm locking or nonlocking hex or hexalobe screws can be used in the proximal round locking holes.

Optional: A 2.7 mm Locking Low-Profile Hexalobe Screw (3040-230XX) can be used in place of the 3.5 mm screw using the 2.0 mm Quick Release Drill (80-0318) and the 2.0 mm Hexalobe Locking Drill Guide (80-4029).

Acu-Loc Dorsal Plate Surgical Technique [continued]

Figure 6



Figure 7

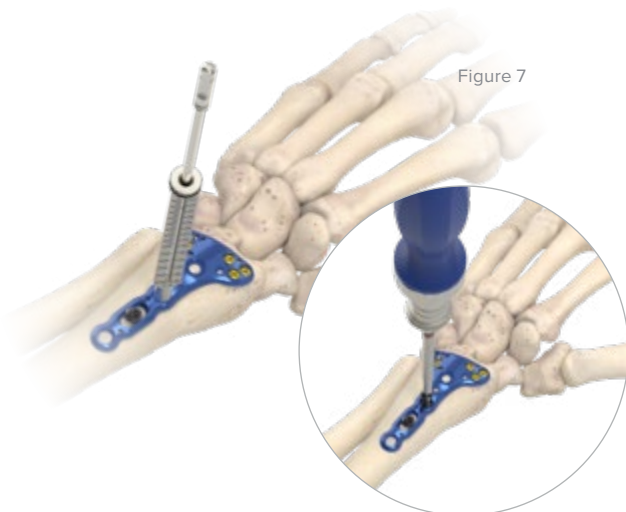
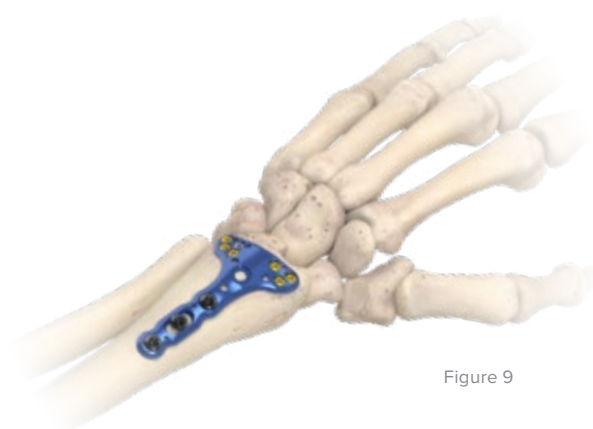


Figure 8



Figure 9



6 Proximal Screw Placement

In the second proximal locking hole, thread in the 2.8 mm Locking Drill Guide (80-0384) or the 2.8 mm Hexalobe Locking Drill Guide (80-0668). Drill using the 2.8 mm Quick Release Drill (80-0387) and measure with the Depth Gauge 6–65 mm (80-0623) (Figure 7). Insert the proper-length 3.5 mm Locking Hex or Locking Hexalobe Screw (30-023X or COL-3XXX) using the 2.5 mm Quick Release Hex Driver (HPC-0025) or the T15 Stick Fit Hexalobe Driver (80-0760), the 3.5 mm Screw Driver Sleeve (MS-SS35), and the Medium Ratcheting Driver Handle (80-0663) (Figure 8). Place the final locking screw using the same process.

Note: 3.5 mm locking or nonlocking hex or hexalobe screws can be used in the proximal round locking holes.

Optional: A 2.7 mm Locking Low-Profile Hexalobe Screw (3040-230XX) can be used in place of the 3.5 mm screw using the 2.0 mm Quick Release Drill (80-0318) and the 2.0 mm Hexalobe Locking Drill Guide (80-4029).

7 Closure and Postoperative Protocol

Following thorough radiographic evaluation, the wound is closed in layers (Figure 9). The retinacula of the second and fourth dorsal compartments are repaired. The retinaculum for the third dorsal compartment may be repaired, or the extensor pollicis longus tendon may be left out of its compartment depending on the surgeon's discretion. Immediate finger range of motion is initiated postoperatively. Forearm rotation and wrist range of motion are progressed at the surgeon's discretion according to the bone quality, fracture stability, and associated soft-tissue injuries.

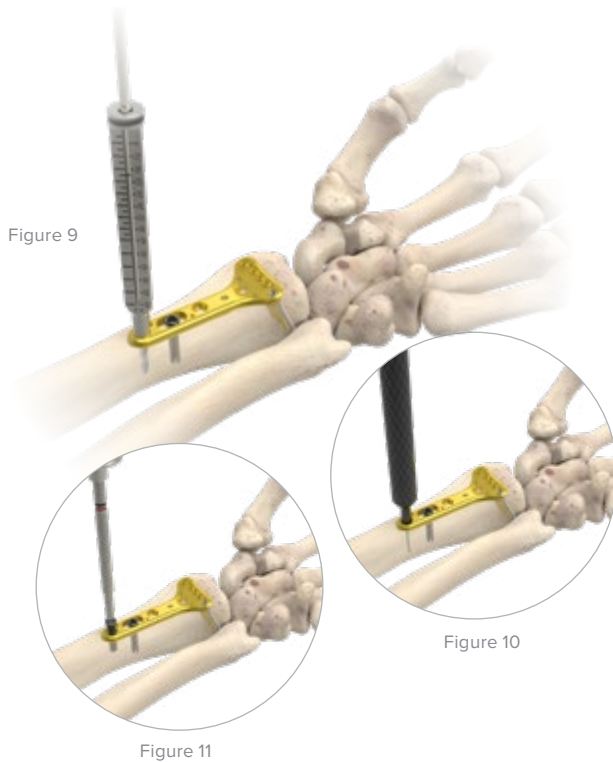
Closing and postoperative protocol are at the discretion of the surgeon.

8 Optional: Implant Removal Instructions

To extract an Acu-Loc Dorsal Plate, use the 2.5 mm Quick Release Hex Driver (HPC-0025) or T15 Stick Fit Hexalobe Driver (80-0760) and Medium Ratcheting Driver Handle (80-0663) to remove all the 3.5 mm screws in the plate. Use the T8 Stick Fit Hexalobe Driver (80-0759) and Medium Ratcheting Driver Handle (80-0663) to remove any 2.7 mm screws. Use the 1.5 mm Hex Driver Tip, Locking Groove (80-0728) with Cruciform Driver Handle (MS-2210) for the 2.3 mm screws.

Referencing the Screw Removal Brochure (SPF10-00) may aid in implant extraction if difficulty is experienced.

Acu-Loc Extra-Articular (EX) Plate Surgical Technique [continued]



6 Proximal Screw Placement

Select one of the two remaining proximal holes and insert the threaded 2.8 mm Locking or Hexalobe Locking Drill Guide (80-0384 or 80-0668). Drill with the 2.8 mm Quick Release Drill (80-0387) and measure with the depth gauge. Insert the proper-length 3.5 mm Locking Hex or Locking Hexalobe Screw (30-023X or COL-3XXX) using the 2.5 mm Quick Release Hex Driver (HPC-0025) or the T15 Stick Fit Hexalobe Driver (80-0760), the 3.5 mm Screw Driver Sleeve (MS-SS35), and the Medium Ratcheting Driver Handle (80-0663).

Using the same process, drill and place the final locking screw (Figures 9–11).

Note: 3.5 mm locking or nonlocking hex or hexalobe screws can be used in the proximal round locking holes.

Optional: A 2.7 mm Locking Low-Profile Hexalobe Screw (3040-230XX) can be used in place of the 3.5 mm screw using the 2.0 mm Quick Release Drill (80-0318) and the 2.0 mm Hexalobe Locking Drill Guide (80-4029).

Caution: Take care to ensure that the screw does not exit the bone dorsally.

7 Closure and Postoperative Protocol

Following thorough radiographic evaluation, check alignment and rotation, then close (Figure 12). Start immediate finger range of motion and forearm rotation postoperatively. Allow early functional use of the hand for light activities of daily living (ADL). Support the wrist according to bone quality and stability.

Closing and postoperative protocol are at the discretion of the surgeon.

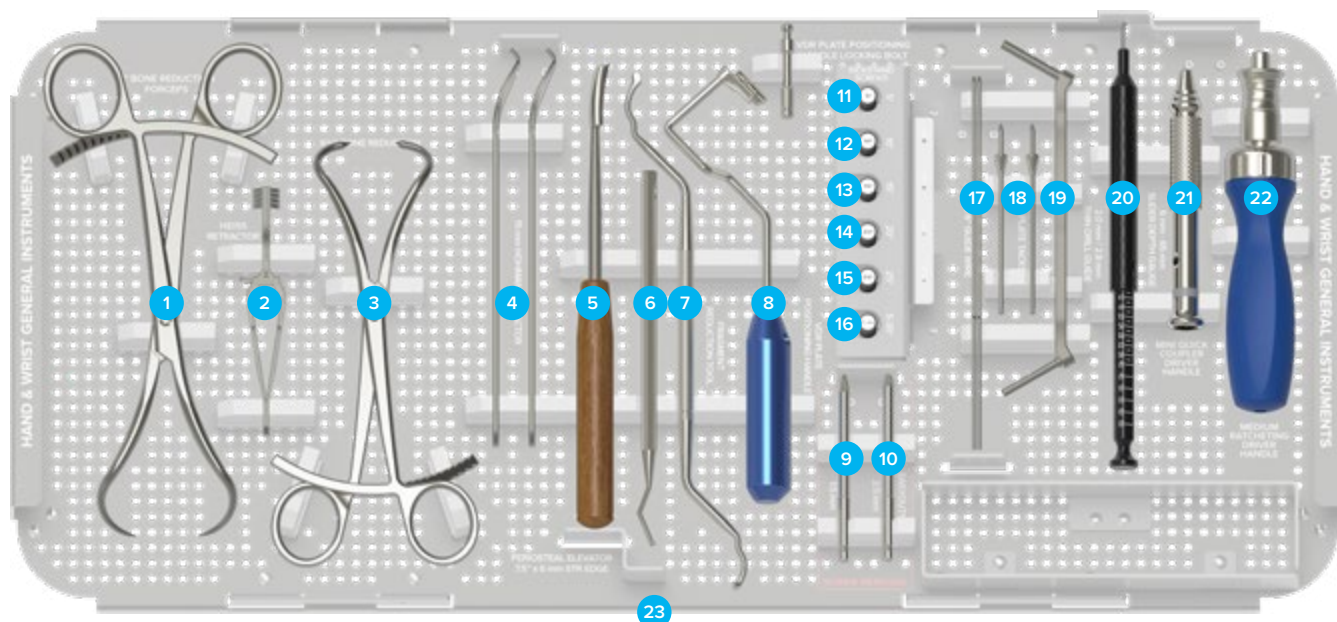
Figure 12

8 Optional: Implant Removal Instructions

To extract an Acu-Loc EX Plate, use the 2.5 mm Hex Driver Tip (HPC-0025) or T15 Stick Fit Hexalobe Driver (80-0760) and Medium Ratcheting Driver Handle (80-0663) to remove all the 3.5 mm screws in the plate. Use the T8 Stick Fit Hexalobe Driver (80-0759) and Medium Ratcheting Driver Handle (80-0663) to remove any 2.7 mm screws. Use the 1.5 mm Hex Driver Tip, Locking Groove (80-0728) with Cruciform Driver Handle (MS-2210) for the 2.3 mm screws.

If there is resistance or a risk of breakage, reference the Screw Removal Brochure (SPF10-00) and additional removal tools 80-0598 and 80-0600; Easyout, Quick Release.

Ordering Information



Tray Components

Instrumentation

1	8" Bone Reduction Forceps	MS-1280	13	KickStand Post 15°	80-0720
2	Heiss Retractor	80-0756	14	KickStand Post 20°	80-0721
3	Bone Reduction Forceps 6 ¾"	80-0723	15	KickStand Post 25°	80-0722
4	15 mm Hohmann Retractor	MS-46827	16	KickStand Post 5–30°	80-0731
5	Periosteal Elevator 7.5" x 6 mm Straight Edge	80-0693	17	.054" x 6" Guide Wire (K-wire)	WS-1406ST
6	Sharp Hook	PL-CL06	18	Plate Tack	PL-PTACK
7	Fragment Reduction Tool	80-0725	19	2.0 mm / 2.8 mm Thin Drill Guide	PL-2118
8	VDR Plate Positioning Handle Assembly	80-0729	20	Depth Gauge 6–65 mm	80-0623
9	1.5 mm Easyout, Quick Release	80-0598	21	Cruciform Driver Handle	MS-2210
10	2.5 mm Easyout, Quick Release	80-0600	22	Medium Ratcheting Driver Handle	80-0663
11	KickStand Post 5°	80-0718	23	Hand & Wrist General Instrument Platter	80-0754
12	KickStand Post 10°	80-0719			

For information about the Acu-Loc®2 Wrist Spanning Plate, please contact your local authorized Acumed distributor, call 888.627.9957, or visit acumed.net.

Tray Components [continued]

Extension Plates

21	Acu-Loc 2 VDR Extension Plate Long, Left	70-0365
22	Acu-Loc 2 VDR Extension Plate Long, Right	70-0366
23	Acu-Loc 2 VDR Extension Plate, Neutral	70-0364
24	Acu-Loc 2 VDR Hexalobe Extension Link Screw	30-0100

Instrumentation

25	Acu-Loc 2 VDR Targeting Guide Locking Bolt	80-0682
26	Acu-Loc 2 VDR Targeting Guide Narrow, Left	80-0697
27	Acu-Loc 2 VDR Targeting Guide Standard, Left	80-0695
28	Acu-Loc 2 VDR Targeting Guide Wide, Left	80-0699
29	Acu-Loc 2 VDR Targeting Guide Wide, Right	80-0698
30	Acu-Loc 2 VDR Targeting Guide Standard, Right	80-0694
31	Acu-Loc 2 VDR Targeting Guide Narrow, Right	80-0696
32	Acu-Loc 2 VDR Proximal Targeting Guide Narrow, Left	80-0703
33	Acu-Loc 2 VDR Proximal Targeting Guide Standard, Left	80-0701
34	Acu-Loc 2 VDR Proximal Targeting Guide Wide, Left	80-0705
35	Acu-Loc 2 VDR Proximal Targeting Guide Wide, Right	80-0704
36	Acu-Loc 2 VDR Proximal Targeting Guide Standard, Right	80-0700
37	Acu-Loc 2 VDR Proximal Targeting Guide Narrow, Right	80-0702

Frag-Loc® Screws

38	Frag-Loc Compression Sleeve	30-0370
39	Frag-Loc Compression Screw, Long	30-0372
40	Frag-Loc Compression Screw	30-0371

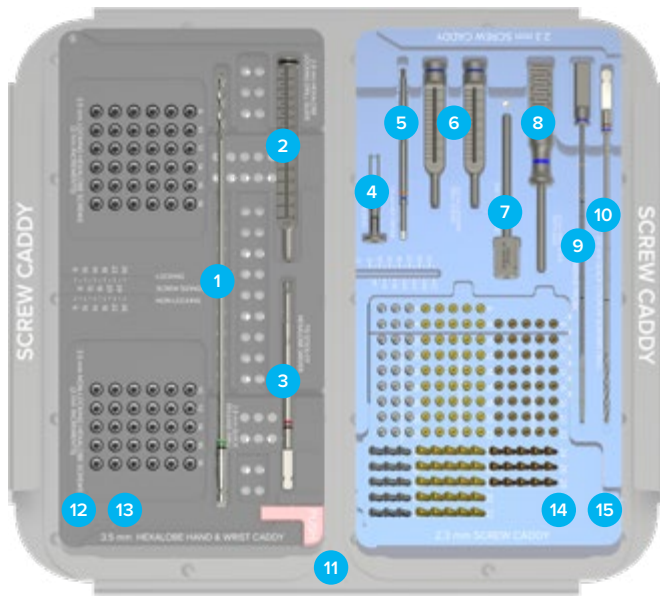
Frag-Loc® Instrumentation

41	Frag-Loc 2.5 mm Drill Guide	80-0730
42	Frag-Loc 1.5 mm Cannulated Driver Assembly	80-0758
43	.035" X 5.75" ST Guide Wire (K-wire)	WS-0906ST
44	Frag-Loc 2.5 mm Drill	80-0724
45	Frag-Loc Depth Gauge	80-0726
46	Acu-Loc 2 Implant Platter	80-0752

Optional Instrument

	Acu-Loc 2 VDR Targeting Guide Locking Bolt, Long	80-1071
	Locking Bolt 10-32	80-0738

Ordering Information [continued]



Tray Components

3.5 mm Instrumentation

1	2.8 mm Quick Release Drill	80-0387
2	2.8 mm Hexalobe Locking Drill Guide 6–65 mm	80-0668
3	T15 Stick Fit Hexalobe Driver	80-0760

2.3 mm Instrumentation

4	2.3 mm Screw Sleeve, Locking Tab	80-0727
5	1.5 mm Hex Driver Tip, Locking Groove	80-0728
6	2.0 mm Locking Drill Guide 4–32 mm	80-0249
7	.054" K-wire Guide	80-0688
8	Drill Guide / Depth Gauge for 2.0 mm Drill	MS-DG23
9	Distal Radius Probe	MS-DRPB
10	2.0 mm Quick Release Drill	80-0318

Trays & Inserts

11	Universal Tray Screw Insert Base	80-0346
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3.5 mm

12	3.5 mm Hexalobe Hand & Wrist Caddy	80-1500
13	3.5 mm Hexalobe Hand & Wrist Caddy Lid	80-1502*

Optional

3.5 mm Screw Instrumentation

2.8 mm x 5" Quick Release Drill	80-2008
2.8 mm Locking Drill Guide 6–26 mm	80-2006
3.5 mm Locking Screw Bone Tap	80-2126

*Items not shown

2.3 mm

14	2.3 mm Screw Caddy	80-0748
15	2.3 mm / 3.5 mm Screw Caddy Lid	80-0790*