

Item Catalogue

NUPCO CODE: 4232150009300 | SN: 687

NUPCO ITEM DESCRIPTION

PLATE ANATOMIC HOOK CLAVICLE LEFT OR RIGHT TITANIUM ASSORTED SIZES AS REQUESTED BY END USER

VENDOR PRODUCT DESCRIPTION

Clavicle Hook Plate implants

SKU CODES INCLUDED FOR THIS NUPCO CODE

- 7014-0712L
- 7014-0712R
- 7014-0716L
- 7014-0716R
- 7014-0720L
- 7014-0720R
- 7014-0612L
- 7014-0612R
- 7014-0616L
- 7014-0616R
- 7014-0620L
- 7014-0620R
- 7014-0512L
- 7014-0512R
- 7014-0516L
- 7014-0516R
- 7014-0520L
- 7014-0520R

Surgical Technique



Ordering Information

Tray Components

Clavicle Hook Plate Implants

1	Clavicle Hook Plate, 7-Hole 12 mm, Left	7014-0712L	10	Clavicle Hook Plate, 7-Hole 12 mm, Right	7014-0712R
2	Clavicle Hook Plate, 6-Hole 12 mm, Left	7014-0612L	11	Clavicle Hook Plate, 6-Hole 12 mm, Right	7014-0612R
3	Clavicle Hook Plate, 5-Hole 12 mm, Left	7014-0512L*	12	Clavicle Hook Plate, 5-Hole 12 mm, Right	7014-0512R*
4	Clavicle Hook Plate, 7-Hole 16 mm, Left	7014-0716L	13	Clavicle Hook Plate, 7-Hole 16 mm, Right	7014-0716R
5	Clavicle Hook Plate, 6-Hole 16 mm, Left	7014-0616L	14	Clavicle Hook Plate, 6-Hole 16 mm, Right	7014-0616R
6	Clavicle Hook Plate, 5-Hole 16 mm, Left	7014-0516L*	15	Clavicle Hook Plate, 5-Hole 16 mm, Right	7014-0516R*
7	Clavicle Hook Plate, 7-Hole 20 mm, Left	7014-0720L	16	Clavicle Hook Plate, 7-Hole 20 mm, Right	7014-0720R
8	Clavicle Hook Plate, 6-Hole 20 mm, Left	7014-0620L	17	Clavicle Hook Plate, 6-Hole 20 mm, Right	7014-0620R
9	Clavicle Hook Plate, 5-Hole 20 mm, Left	7014-0520L*	18	Clavicle Hook Plate, 5-Hole 20 mm, Right	7014-0520R*

Instrumentation

19	Clavicle Hook Plate Length Sizer	80-4007
20	Clavicle Hook Plate Depth Sizer, Left	80-4011
21	Clavicle Hook Plate Depth Sizer, Right	80-4012
22	Clavicle Hook Plate Depth Sizer, Hook	80-4010
23	3.0 mm Easyout, QR	80-0601
24	2.5 mm Easyout, QR	80-0600

Trays

25	Clavicle Hook Plate Tray	80-4020
26	Clavicle Hook Plate Essential Tray**	80-4019
27	Clavicle Hook Plate Tray Lid**	80-4021

*5-hole Clavicle Hook Plates are optional

** Not shown

Optional

Sterile Implants

Clavicle Hook Plate, 9-Hole 12 mm, Left	7014-0912L-S	Clavicle Hook Plate, 9-Hole 20 mm, Left	7014-0920L-S
Clavicle Hook Plate, 9-Hole 12 mm, Right	7014-0912R-S	Clavicle Hook Plate, 9-Hole 20 mm, Right	7014-0920R-S
Clavicle Hook Plate, 9-Hole 16 mm, Left	7014-0916L-S		
Clavicle Hook Plate, 9-Hole 16 mm, Right	7014-0916R-S		

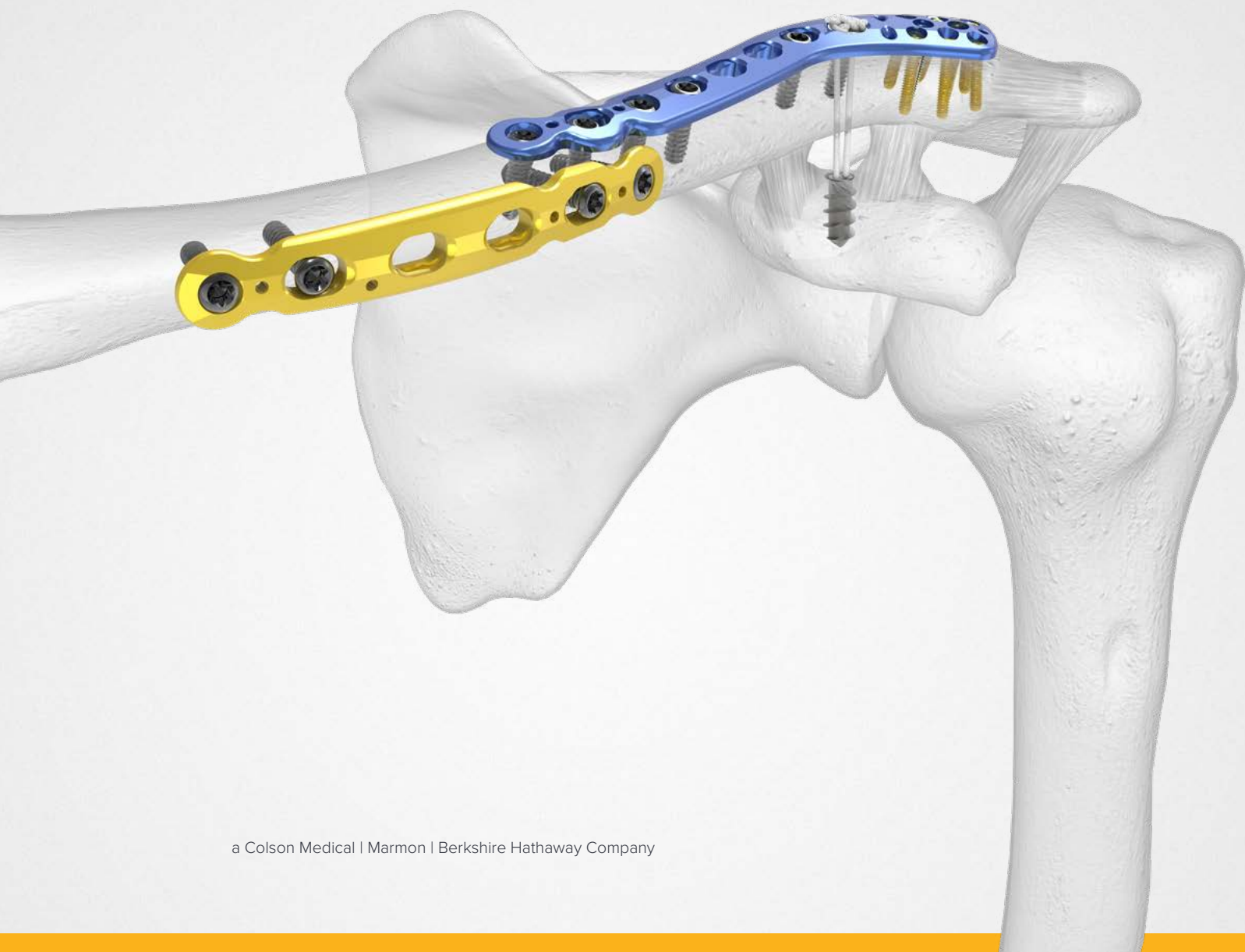
Ordering Information [continued]

Sterile Clavicle Hook Plate Implants			
Clavicle Hook Plate, 7-Hole 12 mm, Left	7014-0712L-S	Clavicle Hook Plate, 7-Hole 12 mm, Right	7014-0712R-S
Clavicle Hook Plate, 6-Hole 12 mm, Left	7014-0612L-S	Clavicle Hook Plate, 6-Hole 12 mm, Right	7014-0612R-S
Clavicle Hook Plate, 5-Hole 12 mm, Left	7014-0512L-S	Clavicle Hook Plate, 5-Hole 12 mm, Right	7014-0512R-S
Clavicle Hook Plate, 7-Hole 16 mm, Left	7014-0716L-S	Clavicle Hook Plate, 7-Hole 16 mm, Right	7014-0716R-S
Clavicle Hook Plate, 6-Hole 16 mm, Left	7014-0616L-S	Clavicle Hook Plate, 6-Hole 16 mm, Right	7014-0616R-S
Clavicle Hook Plate, 5-Hole 16 mm, Left	7014-0516L-S	Clavicle Hook Plate, 5-Hole 16 mm, Right	7014-0516R-S
Clavicle Hook Plate, 7-Hole 20 mm, Left	7014-0720L-S	Clavicle Hook Plate, 7-Hole 20 mm, Right	7014-0720R-S
Clavicle Hook Plate, 6-Hole 20 mm, Left	7014-0620L-S	Clavicle Hook Plate, 6-Hole 20 mm, Right	7014-0620R-S
Clavicle Hook Plate, 5-Hole 20 mm, Left	7014-0520L-S	Clavicle Hook Plate, 5-Hole 20 mm, Right	7014-0520R-S

Tray Components			
Instrumentation			
Plate Bender	PL-2040	2.8 mm Quick Release Drill	80-0387
Plate Bender, Large	PL-2045	.059" x 5" ST Guide Wire*	WS-1505ST
Depth Gauge 6–65 mm	80-0623	T15 Stick Fit Hexalobe Driver	80-0760
2.8 mm/3.5 mm Thin Drill Guide	PL-2196	Large Cannulated Quick Release Driver Handle	MS-3200
2.8 mm Hexalobe Locking Drill Guide 6–65 mm	80-0668	6 mm–70 mm Depth Gauge, 2 mm Increments	MS-9022
2.5 mm Quick Release Hex Driver	HPC-0025	Reduction Forceps w/Serrated Jaw	PL-CL04
3.5 mm Cortical Screw Bone Tap	MS-LTT35	3.5 mm Locking Drill Guide	MS-LDG35
Plate Tack	PL-PTACK	3.5 mm Screw Driver Sleeve	MS-SS35
3.5 mm x 5" Quick Release Drill	MS-DC35	Clavicle Retractor	PL-CL03
2.8 mm x 5" Quick Release Drill	MS-DC28		

*Also used as a K-wire

Surgical Technique



Anterior Clavicle Plate Surgical Technique [continued]



Figure 8

7 Final Plate and Screw Position

An intraoperative radiograph is recommended to check the final reduction of the fracture and the position of the screws. If the surgeon feels the bone quality of the lateral fragment is poor, sutures may be passed from medial to lateral around the coracoid and the plate to take stress off the lateral fixation. After radiographic evaluation and thorough irrigation, close the clavipectoral fascia over the clavicle and the plate. Follow by closing the subcutaneous tissue and musculature in separate layers.

Finally, close the skin by using interrupted absorbable sutures with a subcuticular stitch and dress the wound.

Postoperative Protocol

Postoperative care is at the discretion of the surgeon. The following protocol is provided as an example:

For the first four weeks, place the patient in either an arm sling or an abduction pillow to bring the arm up and the clavicle down, unloading the AC joint.¹ Initiate passive range of motion exercises during the first four weeks. Exercises may include pendulum, Codman, isometric bicep, and elbow and wrist motion. Emphasize to patients that they must avoid any activity involving heavy lifting, pushing, or pulling. Depending on the amount of comminution and the stability of fixation, start active assisted exercise from four to six weeks, and initiate active strengthening at six to eight weeks postoperatively, once healing is seen radiographically. A full return to activities is permitted once healing has occurred.

8 Optional: Implant Removal Instructions

To remove a clavicle plate, use the T15 Stick Fit Hexalobe Driver (80-0760) or 2.5 mm Hex Driver (HPC-0025) and Large Cannulated Quick Release Driver Handle (MS-3200). Referencing the Screw Removal Brochure (SPF10-00) may aid in implant extraction if difficulty is experienced.

Caution: Due to risk of refracture, implant removal is generally not recommended before one year after ORIF.

Superior Distal Clavicle Plate Surgical Technique [continued]

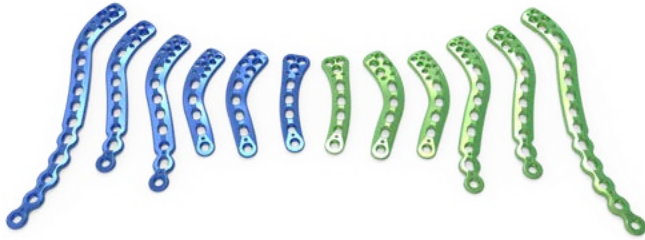


Figure 4

3 Plate Selection

Select the appropriate-size Superior Distal Clavicle Plate (70-0XXX) from the different lengths and curvatures in the system. The curve of the plate may assist in anatomic reduction of the clavicle, reducing strain on the SC and AC joints.

Note: Surgical technique from this point forward will highlight a Superior Distal Clavicle Plate with 2.3 mm screws.

If a lag screw technique is desired, reference the chart below for instrumentation related to each screw size option. A CO/CA Countersink (PL-2080) is also available if desired.

Note: Prior to placement of the plate, lag screw fixation across the major fracture fragments may be performed. Many Type IIB clavicle fractures have a horizontal cleavage fracture that extends into the AC joint, which may be fixed in this manner. Reduction Forceps With Serrated Jaw (PL-CL04) or K-wires may be used to reduce and stabilize butterfly fragments to the main medial and lateral clavicle fragments.

Screw Size Option	Near Cortex Drill	Far Cortex Drill	Depth Gauge
3.5 mm Nonlocking Hexalobe Screw (30-02XX)	3.5 mm x 5" Quick Release Drill (MS-DC35)	2.8 mm Quick Release Drill (80-0387)	Depth Gauge 6–65 mm (80-0623)
3.0 mm Nonlocking Hexalobe Screw (30-03XX)	3.0 mm x 5" Quick Release Drill (80-1088)	2.3 mm Quick Release Drill (80-0627)	Depth Gauge 6–65 mm (80-0623)
Optional 3.5 mm (Nonlocking) Cortical (Hex) Screw (CO-3XX0)	3.5 mm x 5" Quick Release Drill (MS-DC35)	2.8 mm x 5" Quick Release Drill (MS-DC28)	6–70 mm Depth Gauge, 2 mm Increments (MS-9022)
Optional 2.7 mm (Nonlocking) Cortical (Hex) Screw (CO-27XX)	2.8 mm x 5" Quick Release Drill (MS-DC28)	2.0 mm x 5" Quick Release Drill (MS-DC5020)	6–70 mm Depth Gauge, 2 mm Increments (MS-9022)