

Item Catalogue

NUPCO CODE: 4224210005200 | SN: 1337

NUPCO ITEM DESCRIPTION

SCREW, LOCKED HEAD TITANIUM FOR VARIABLE ANGLED PROXIMAL HUMERUS PLATING ASSORTED SIZES

VENDOR PRODUCT DESCRIPTION

Polarus PHP locking screw families

SKU CODES INCLUDED FOR THIS NUPCO CODE

- COL-3200
- COL-3225
- COL-3250
- COL-3275
- COL-3300
- 30-0426
- 30-0428
- 30-0430
- 30-0432
- 30-0434
- 30-0436
- 30-0438
- 30-0440
- 30-0442
- 30-0444
- 30-0446
- 30-0448
- 30-0450
- 30-0452
- 30-0454
- CA-PHB25
- CA-PHB275
- CA-PHB30
- CA-PHB325
- CA-PHB35
- CA-PHB375
- CA-PHB40
- CA-PHB45
- CA-PHB50
- CA-PHB55



Polarus® Proximal Humeral Plating System

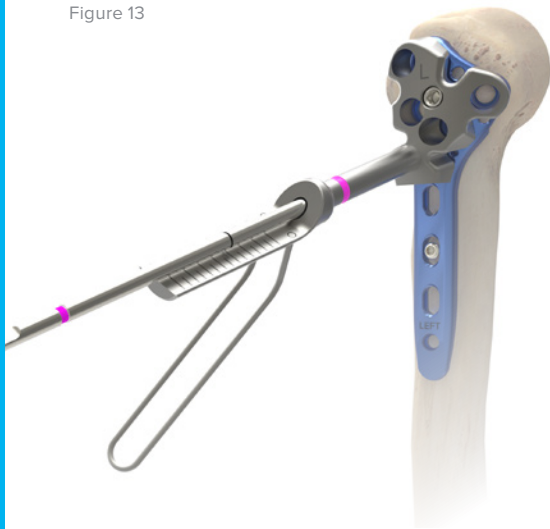
Surgical Technique



Polarus Proximal Humeral Plate Surgical Technique

[continued]

Figure 13



8 Locking Screw Preparation—Humeral Head

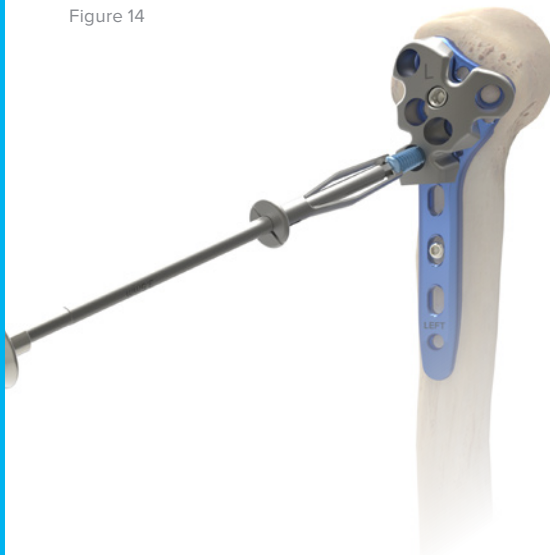
Note: For humeral head screw insertion, insert screws in a clockwise order.

Insert the fuchsia-banded 4.6 mm Drill Guide (MS-DG46) into the #2 (most distal) hole on the large and extralong plate and into the #2 (most proximal) hole on the small plate (see figures 9 and 10 on previous page). (Note that any proximal hole has the ability to accept either the blue 5.7 mm Locking Screws (30-04XX) or the fuchsia 4.5 mm Locking Buttress Screws (CA-PHB25).

Drill using the 4.6 mm Cancellous Drill (MS-PH46) either under power or by hand. Determine the screw length by aligning the laser mark on the drill with the scale on the back of the drill guide. For accurate measurement, be sure the drill is fully seated into the targeting guide. Use fluoroscopy to help confirm accurate screw placement in the humeral head.

Optional: The 4.0 mm Cancellous Drill (MS-PH40) can be used with the fuchsia 4.5 mm Locking Buttress Screws (CA-PHB25).

Figure 14



9 Locking Screw Insertion—Humeral Head

Note: Prior to inserting your choice of locking screws, be sure to confirm that the fracture is reduced anatomically.

Remove the drill and drill guide and insert the selected Locking Screw. Either screw choice should be of the longest length possible across the humeral head, reaching the subchondral bone but without breaking through the articular surface of the head. Both locking screw options can be inserted using the 3.5 mm Hex Driver (HPC-0035) with the Large Cannulated Quick Release Driver Handle (MS-3200).



4.6 mm Drill Guide
(MS-DG46)



5.7 mm Locking
Screw
(30-04XX)



4.5 mm Locking
Buttress Screw
(CA-PHB25)



4.6 mm
Cancellous Drill
(MS-PH46)



4.0 mm
Cancellous Drill
(MS-PH40)



3.5 mm Hex Driver
(HPC-0035)



Large Cannulated
Quick Release
Driver Handle
(MS-3200)

Polarus Proximal Humeral Plate Surgical Technique

[continued]

Figure 17

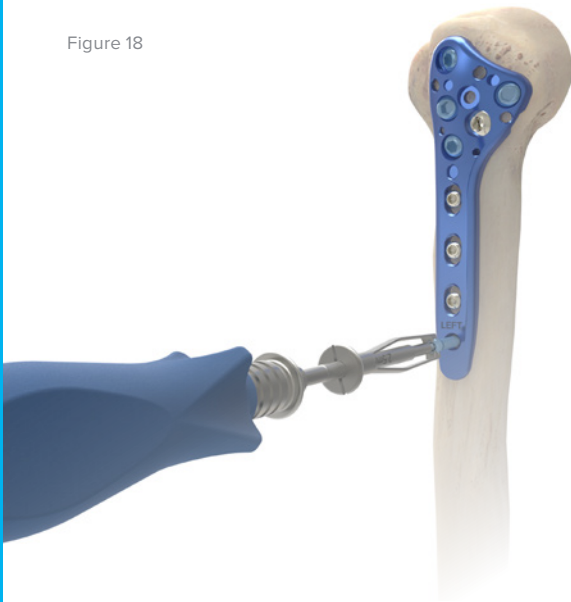


11 Screw Insertion in the Shaft

Insert the 3.5 mm Cortical Screws (CO-3XXX) in the remaining holes using the technique described in step 6.

Note: The blue 3.5 mm Locking Cortical Screws (COL-3XXX) should be placed in the round hole of the shaft (or holes, if using the extra-long plate). The Locking Drill Guide (MS-LDG35) must be used prior to drilling. In these cases, screw length is measured with the Standard Depth Gauge (MS-9020).

Figure 18



3.5 mm Cortical
Screws
(CO-3XXX)



3.5 mm Locking
Cortical Screws
(COL-3XXX)



Locking Drill
Guide
(MS-LDG35)



Standard Depth
Gauge
(MS-9020)

Ordering Information [continued]

3.5 mm Nonlocking Cortical Screws

3.5 mm x 20.0 mm Cortical Screw	CO-3200	3.5 mm x 35.0 mm Cortical Screw	CO-3350
3.5 mm x 22.5 mm Cortical Screw	CO-3225	3.5 mm x 40.0 mm Cortical Screw	CO-3400
3.5 mm x 25.0 mm Cortical Screw	CO-3250	3.5 mm x 45.0 mm Cortical Screw	CO-3450
3.5 mm x 27.5 mm Cortical Screw	CO-3275	3.5 mm x 50.0 mm Cortical Screw	CO-3500
3.5 mm x 30.0 mm Cortical Screw	CO-3300	3.5 mm x 55.0 mm Cortical Screw	CO-3550
3.5 mm x 32.5 mm Cortical Screw	CO-3325		

3.5 mm Locking Cortical Screws

3.5 mm x 20.0 mm Locking Cortical Screw	COL-3200	3.5 mm x 27.5 mm Locking Cortical Screw	COL-3275
3.5 mm x 22.5 mm Locking Cortical Screw	COL-3225	3.5 mm x 30.0 mm Locking Cortical Screw	COL-3300
3.5 mm x 25.0 mm Locking Cortical Screw	COL-3250		

4.5 mm Locking Buttress Screw

4.5 mm x 25 mm Locking Buttress Screw	CA-PHB25	4.5 mm x 37.5 mm Locking Buttress Screw	CA-PHB375
4.5 mm x 27.5 mm Locking Buttress Screw	CA-PHB275	4.5 mm x 40 mm Locking Buttress Screw	CA-PHB40
4.5 mm x 30 mm Locking Buttress Screw	CA-PHB30	4.5 mm x 45 mm Locking Buttress Screw	CA-PHB45
4.5 mm x 32.5 mm Locking Buttress Screw	CA-PHB325	4.5 mm x 50 mm Locking Buttress Screw	CA-PHB50
4.5 mm x 35 mm Locking Buttress Screw	CA-PHB35	4.5 mm x 55 mm Locking Buttress Screw	CA-PHB55

Ordering Information

5.7 mm Locking Cancellous Screws

5.7 mm x 26 mm Locking Screw	30-0426	5.7 mm x 42 mm Locking Screw	30-0442
5.7 mm x 28 mm Locking Screw	30-0428	5.7 mm x 44 mm Locking Screw	30-0444
5.7 mm x 30 mm Locking Screw	30-0430	5.7 mm x 46 mm Locking Screw	30-0446
5.7 mm x 32 mm Locking Screw	30-0432	5.7 mm x 48 mm Locking Screw	30-0448
5.7 mm x 34 mm Locking Screw	30-0434	5.7 mm x 50 mm Locking Screw	30-0450
5.7 mm x 36 mm Locking Screw	30-0436	5.7 mm x 52 mm Locking Screw	30-0452
5.7 mm x 38 mm Locking Screw	30-0438	5.7 mm x 54 mm Locking Screw	30-0454
5.7 mm x 40 mm Locking Screw	30-0440		

5.0 mm Nonlocking Cancellous Screws

5.0 mm x 25.0 mm Cancellous Screw	HCA-5125	5.0 mm x 37.5 mm Cancellous Screw	HCA-5137
5.0 mm x 27.5 mm Cancellous Screw	HCA-5127	5.0 mm x 40.0 mm Cancellous Screw	HCA-5140
5.0 mm x 30.0 mm Cancellous Screw	HCA-5130	5.0 mm x 45.0 mm Cancellous Screw	HCA-5145
5.0 mm x 32.5 mm Cancellous Screw	HCA-5132	5.0 mm x 50.0 mm Cancellous Screw	HCA-5150
5.0 mm x 35.0 mm Cancellous Screw	HCA-5135	5.0 mm x 55.0 mm Cancellous Screw	HCA-5155