

Item Catalogue

NUPCO CODE: 4232150893900 | SN: 832

NUPCO ITEM DESCRIPTION

PLATE, LCP QUADRILATERAL PELVIC, OR EQUIVALENT, ASSORTED SIZES

VENDOR PRODUCT DESCRIPTION

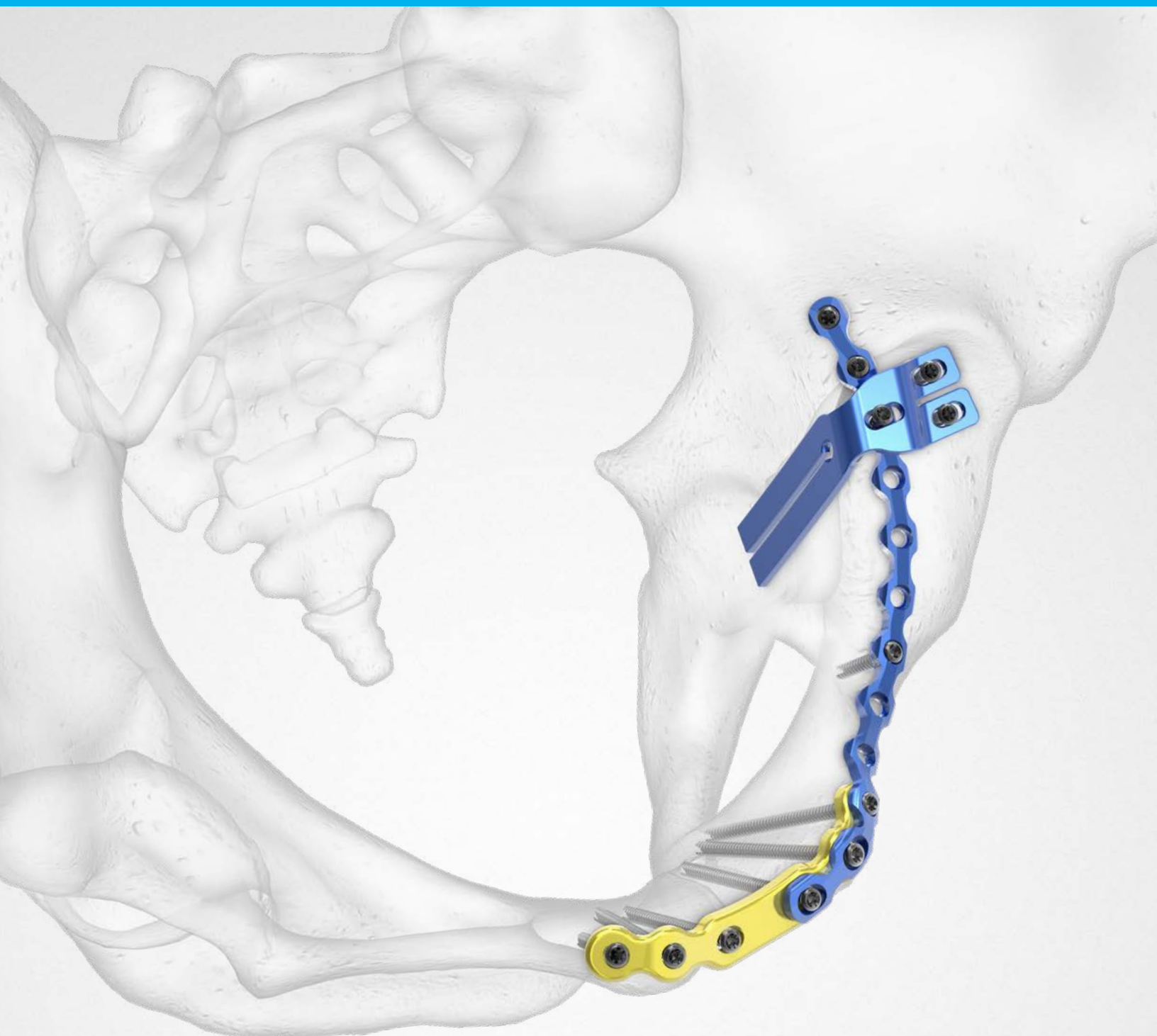
Pelvic quadrilateral surface plates

SKU CODES INCLUDED FOR THIS NUPCO CODE

70-0436
70-0435



Surgical Technique



System Features

Plate Overview

Quadrilateral Surface Plates

L, 70-0435 R, 70-0436



Intrapelvic Plates

5 Hole L, 70-0437

5 Hole R, 70-0438

9 Hole L, 70-0439

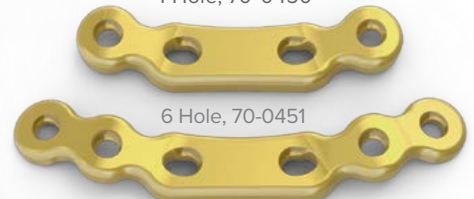
9 Hole R, 70-0440



Pubic Symphysis Plates

4 Hole, 70-0450

6 Hole, 70-0451



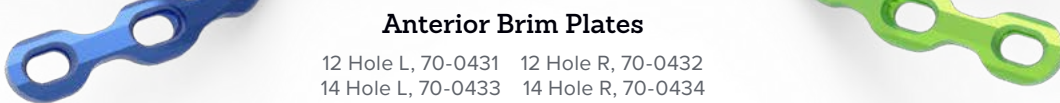
Anterior Brim Plates

12 Hole L, 70-0431

12 Hole R, 70-0432

14 Hole L, 70-0433

14 Hole R, 70-0434



Anterior Brim and Quadrilateral Surface Plate Surgical Technique

1 Exposure

Expose the pelvic brim using a preferred surgical exposure.

Note: Reduce the acetabulum in preparation for plate installation. The Anterior Brim Plate can be used in conjunction with the Quadrilateral Surface Plate (70-0435 or 70-0436) or the 6-hole Pubic Symphysis Plate (70-0451).

If the Anterior Brim Plate (70-04XX) is to be used in conjunction with the Pubic Symphysis Plate (70-0450 or 70-0451), follow Steps 1–4 in the Pubic Symphysis Surgical Technique (see pages 10–11) prior to installing the Anterior Brim Plate.

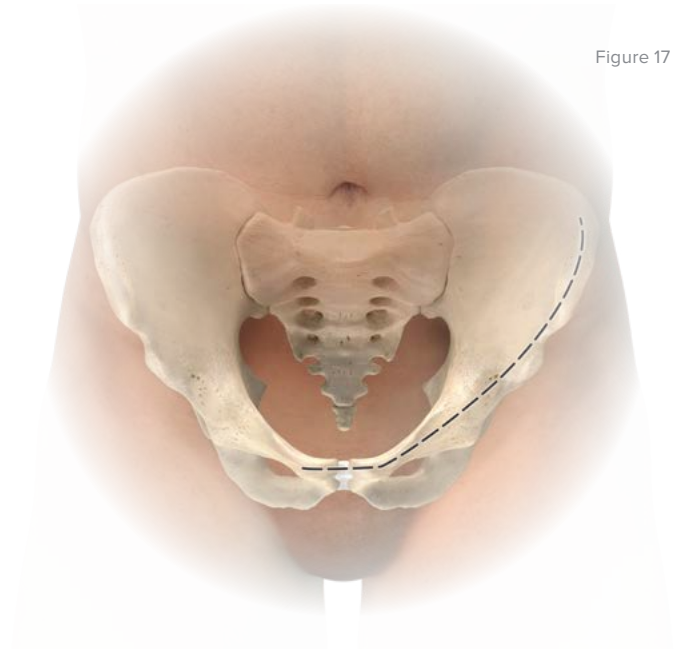


Figure 17

2 Fitting

Test fit the Anterior Brim Plate (70-043X). Make any final adjustments to the plate contour using Pelvic Plate Bending Pliers (80-1141) or a Plate Bender, Large (PL-2045). Provisionally attach the plate using Long Plate Tacks (80-1140).

Note: Plates designed for use on the left of the sagittal plane are **blue** in color and marked “left.” Plates designed for the right side of the sagittal plane are **green** in color and marked “right.”

Caution: If bending the plate, please observe the following:

- ▶ Place bends in plate sections which do not have holes
- ▶ Use several small bends to achieve a smooth overall bend
- ▶ Do not bend, unbend, and re-bend more than once
- ▶ For in-plane bending, insert the plate parallel to the bending piston. Situate the plate such that the piston is between holes. Compress the handle to bend the plate

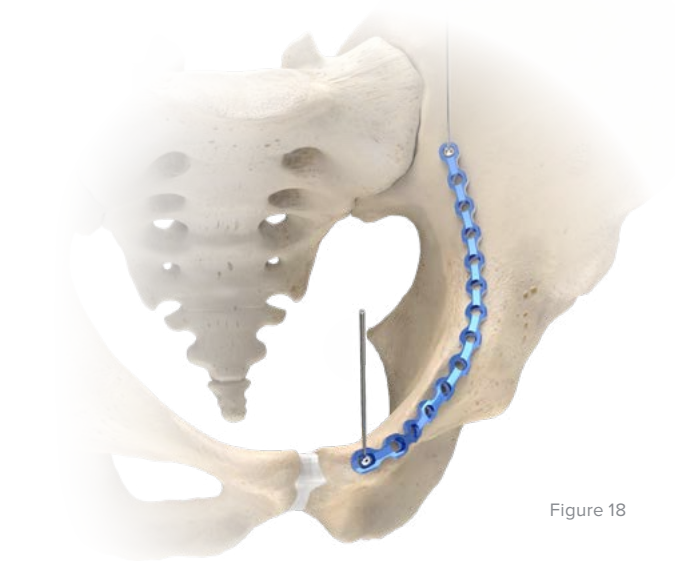


Figure 18

Anterior Brim and Quadrilateral Surface Plate Surgical Technique [continued]

5 Screw Insertion

Ensure the quadrilateral surface is properly reduced in preparation for plate installation. If using the Quadrilateral Surface Plate (70-0435 or 70-0436), test fit the plate and make any final adjustments to the plate contour using Plate Benders (PL-2045).

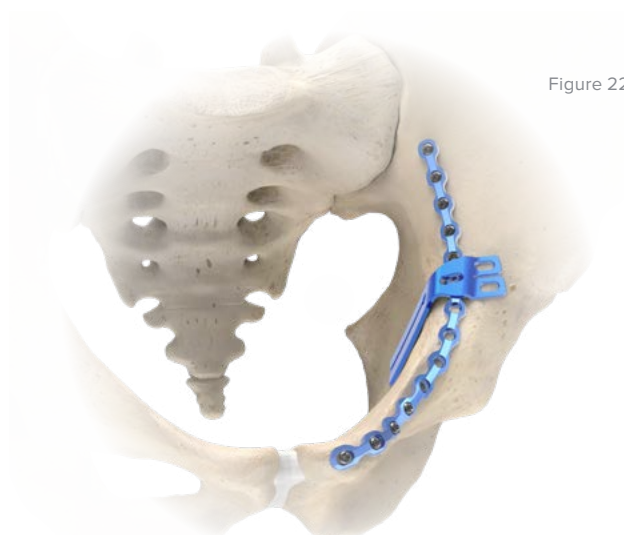


Figure 22

6 Screw Insertion

Align the dynamic compression slot in the Quadrilateral Surface Plate (70-0435 or 70-0436) with a hole in the Anterior Brim Plate (70-043X). Drill, measure, and install a 3.5 mm Nonlocking Hexalobe Screw (30-0XXX).

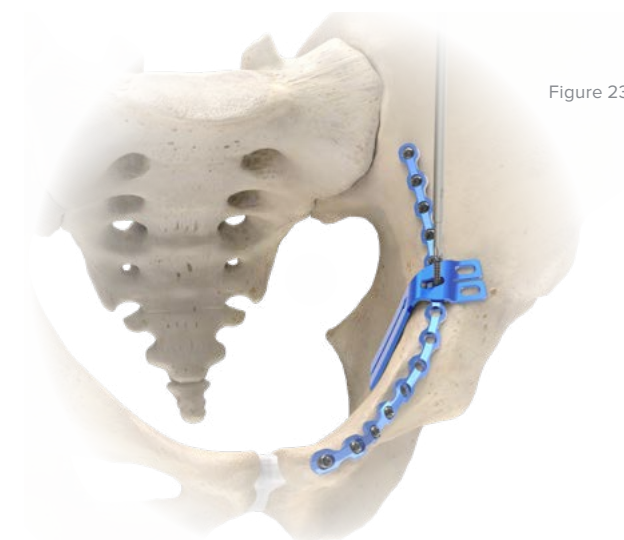


Figure 23

Quadrilateral Surface Plate Surgical Technique

1 Exposure

Expose the medial wall of the acetabulum using a preferred surgical exposure. Reduce the acetabulum in preparation for plate installation.

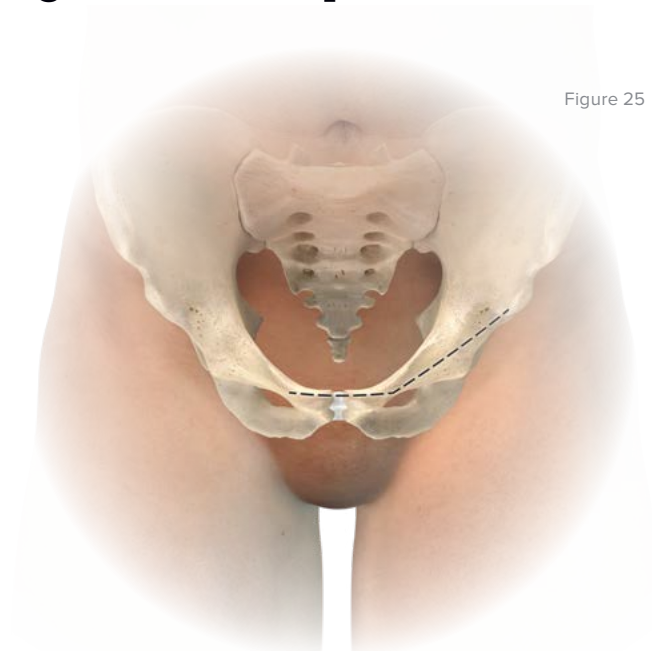


Figure 25

2 Fitting

Ensure the quadrilateral surface is properly reduced in preparation for plate installation.

Test fit the Quadrilateral Surface Plate (70-0435 or 70-0436) and make any final adjustments to the plate contour using a Large Plate Bender (PL-2045).

Note: Plates designed for use on the left of the sagittal plane are **blue** in color and marked "left." Plates designed for the right side of the sagittal plane are **green** in color and marked "right."

Caution: If bending the plate, please observe the following:

- ▶ Place bends in plate sections that do not have holes
- ▶ Use several small bends to achieve a smooth overall bend
- ▶ Do not bend, unbend, and re-bend more than once



Figure 26

Quadrilateral Surface Plate Surgical Technique [continued]

Figure 27

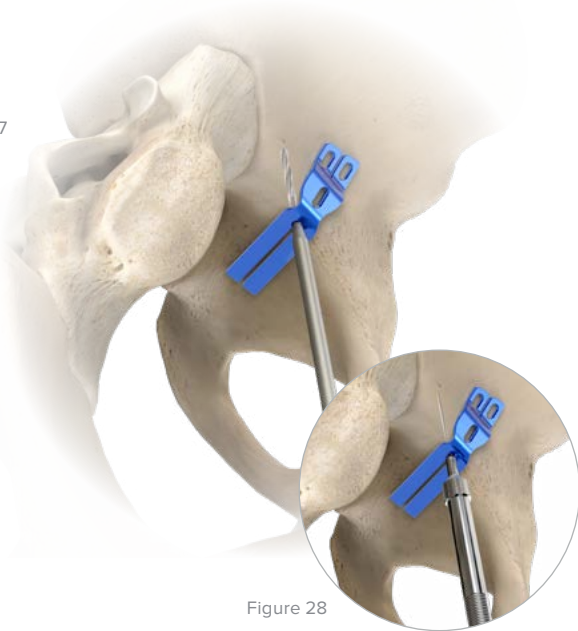


Figure 28

Figure 29



3 Drilling

With reduction confirmed, drill using the 2.8 mm Quick Release Drill, Long (80-1130) and the 2.8 mm Drill Guide, Long (80-1136) through the hole between the fingers of the plate. Using the Depth Gauge 10–150 mm (80-1134), determine the proper screw length and insert the proper length 3.5 mm Nonlocking Hexalobe Screw (30-0XXX). If a lateral window is created as part of the surgical procedure, the Quadrilateral Surface Plate (70-0435 or 70-0436) can be installed per the instructions listed in the Anterior Brim Plate surgical technique (see page 17).

4 Screw Insertion

Connect the T15 Stick Fit Hexalobe Driver, 6 inch (80-2087) to the Small Ratchet Handle with Quick Release Connection (80-0398) and fully seat the 3.5 mm nonlocking screw by hand.

Caution: Driving the screws into the plate under power could cause the screw heads to go through the plate. To avoid this, tighten screws into the plate by hand.

5 Optional: Removal Instructions

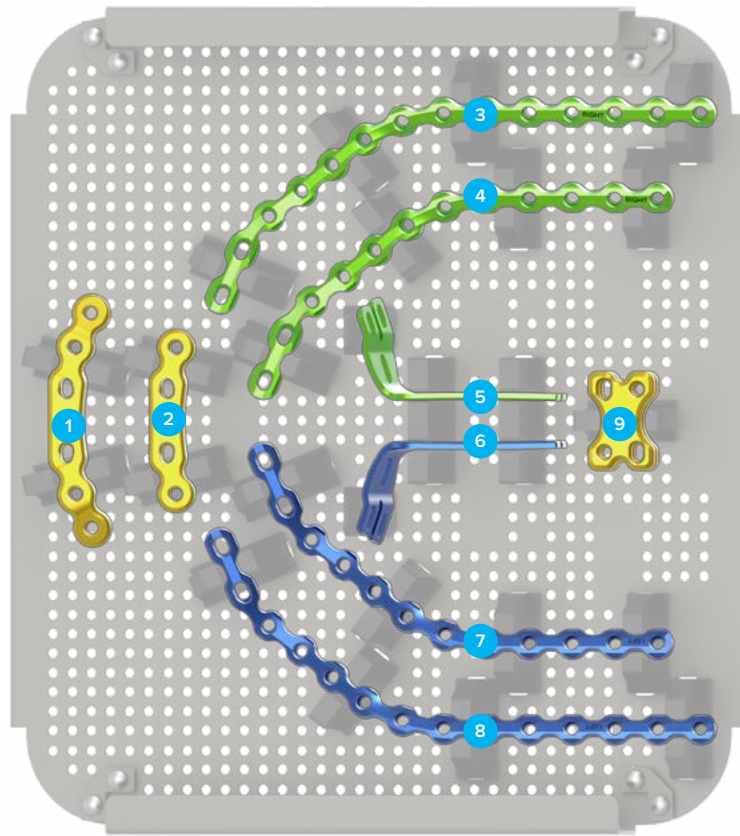
To extract a Pelvic Plating System plate, use the following parts to remove all screws from the plate:

3.5 mm Hexalobe Screws:

Either the T15 Hexalobe Driver Tip, Long (80-1561), T15 Stick Fit Hexalobe Driver, 6 Inch (80-2087), or T15 Stick Fit Hexalobe Driver, 9 Inch (80-2088) and the Small Ratchet Handle with Quick Release Connection (80-0398).

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

Ordering Information [continued]



Tray Components

Anterior Pelvic Plates

1	Pubic Symphysis Plate, 6 Hole*	70-0451	5	Quadrilateral Surface Plate, Right*	70-0436
2	Pubic Symphysis Plate, 4 Hole*	70-0450	6	Quadrilateral Surface Plate, Left*	70-0435
3	Anterior Brim Plate, 14 Hole, Right*	70-0434	7	Anterior Brim Plate, 12 Hole, Left*	70-0431
4	Anterior Brim Plate, 12 Hole, Right*	70-0432	8	Anterior Brim Plate, 14 Hole, Left*	70-0433
			9	Superior Sacroiliac Plate, 4 Hole	70-0452

*Implants and screws are also available sterile-packed. Add an "-S" at end of product number for sterile product.
For more details on sterile products, including pricing, contact our Business Services Department toll free at 888.627.9957.