TOMOFIX® Osteotomy System. A comprehensive plating system for stable fixation of osteotomies around the knee.

Technique Guide





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IMPORTANT: This device has not been evaluated for safety and compatibility in the MR environment. This device has not been tested for heating or migration in the MR environment.

Image intensifier control

TOMOFIX Osteotomy System. A comprehensive plating system for stable fixation of osteotomies around the knee.

The TOMOFIX Osteotomy System provides stable fixation of osteotomies close to the knee, and consists of five plates designed for specific parts of the anatomy: TOMOFIX Medial High Tibia Plate, TOMOFIX Medial High Tibia Plate, small, TOMOFIX Lateral High Tibia Plate, TOMOFIX Lateral Distal Femur Plate, and TOMOFIX Medial Distal Femur Plate.

All of the plates in the TOMOFIX Osteotomy System are designed according to locking compression plate (LCP) principles. The fixed-angle locking holes provide multiple fixed-angle constructs throughout the plate, improving retention of screws in the plate and in cortical bone. Dynamic compression can be achieved by eccentric insertion of 4.5 mm titanium cortex screws in the dynamic compression unit (DCU) portion of the hole. The plates are available in titanium, range in length from 102 mm to 141 mm, and accept 5.0 mm titanium locking screws and 4.5 mm titanium cortex screws.





TOMOFIX medial high tibia



TOMOFIX lateral high tibia



TOMOFIX lateral distal femur

- Plates are anatomically contoured, eliminating the need for intraoperative contouring and minimizing soft tissue irritation
- Long shaft to support and deflect forces in the diaphysis
- Plates have tapered ends allowing submuscular plate insertion
- Locking screws create a fixed-angle construct, providing angular stability
- Spacers reduce plate-to-bone contact. Reduced plate-tobone contact may minimize disruption of the periosteal blood supply











In 1958, the AO formulated four basic principles which have become the guidelines for internal fixation.¹ Those principles, as applied to the *DePuy Synthes Trauma* TOMOFIX Osteotomy System, are:

Anatomic reduction

Facilitates restoration of the articular surface by exact screw placement using threaded drill sleeves.

Stable fixation

Locking screws create a fixed-angle construct, providing angular stability.

Preservation of blood supply

Tapered ends on the plates allow submuscular plate insertion.

Early, active mobilization

Plate features combined with AO technique create an environment for bone healing, expediting a return to optimal function.

1. M.E. Müller, M. Allgöwer, R. Schneider, and H. Willenegger: *Manual of Internal Fixation*, 3rd Edition. Berlin: Springer-Verlag. 1991.

TOMOFIX Osteotomy System

The *DePuy Synthes Trauma* TOMOFIX Osteotomy System consists of four plates designed for specific parts of the anatomy: TOMOFIX Medial High Tibia Plate, TOMOFIX Lateral High Tibia Plate, TOMOFIX Lateral Distal Femur Plate, and TOMOFIX Medial Distal Femur Plate.

The TOMOFIX Osteotomy System is intended for osteotomies, treatment of bone and joint deformities, fixation of fractures, and malalignment caused by injury or disease, such as osteoarthritis, of the distal femur and proximal tibia.

Specifically,

- The TOMOFIX Medial Proximal Tibia Plates are indicated for open- and closed-wedge osteotomies, fixation of fractures, and malalignment caused by injury or disease, such as osteoarthritis, of the medial proximal tibia
- The TOMOFIX Lateral Proximal Tibia Plates are indicated for open- and closed-wedge osteotomies, fixation of fractures, and malalignment caused by injury or disease, such as osteoarthritis, of the lateral proximal tibia
- The TOMOFIX Lateral Distal Femur Plates are indicated for open- and closed-wedge osteotomies, fixation of fractures, and malalignment caused by injury or disease, such as osteoarthritis, of the lateral distal femur
- The TOMOFIX Medial Distal Femur Plates are indicated for closed-wedge osteotomies, fixation of fractures, and malalignment caused by injury or disease, such as osteoarthritis, of the medial distal femur

Clinical Cases

Case 1 Open-wedge high tibia valgus osteotomy (HTO) 48-year-old woman with medial gonarthrosis.

Case studies are not necessarily predictive of results in other cases. Results in other cases may vary.







Preoperative

Postoperative, AP

Postoperative, lateral



6 months postoperative



Following implant removal (15 months postoperative)

Case 2 Open-wedge high tibia valgus osteotomy (HTO)

23-year-old man, with posttraumatic medial, chondral gonarthrosis, medial meniscopathy, varus-morphotype.





Postoperative, AP



Postoperative, lateral

111





3 months postoperative



Following implant removal (12 months postoperative)

Case 3 Closed-wedge high tibia valgus osteotomy (HTO) 52-year-old woman with medial gonarthrosis.





Preoperative

Postoperative



3 months postoperative



3 months postoperative

TOMOFIX Medial High Tibia Plate (440.834)

- Three Combi holes (1, 2 and D) provide the flexibility of axial compression and locking capability.
- Holes 3, 4, A, B and C accept locking screws.



1

Attach drill guides to plate

Instruments	
312.926	TOMOFIX Guiding Block, for Medial High Tibia
323.042	4.3 mm Threaded LCP Drill Guide

Figure 1



Figure 2

Place the TOMOFIX guiding block for medial high tibia against the top side of the plate. Push the guiding block as far as possible toward the proximal end of the plate (Figures 1 and 2).

Thread the first 4.3 mm threaded LCP drill guide into the center proximal plate hole B (Figure 3). Thread the two remaining 4.3 mm threaded LCP drill guides into the adjacent proximal plate holes A and C (Figure 4).

Remove the guiding block.



Figure 3

Figure 4

2 Install spacers		
Instrument		
413.309	5.0 mm Titanium Spacer	

Place 5.0 mm titanium spacers into Combi hole D and locking hole 3 or locking hole 4.



3

Opening the osteotomy

After performing the osteotomy, open and adjust the correction using the TOMOFIX osteotomy chisels or the TOMOFIX bone spreader.

Option A: Chisels

Instrument

397.992 –	TOMOFIX Osteotomy Chisels
397.995	

Insert an osteotomy chisel into the osteotomy up to the lateral bone bridge. The insertion depth corresponds with the cutting depth; mark it on the first osteotomy chisel. Then gently insert (by slowly hammering, if necessary) a second osteotomy chisel distal to the first chisel about 10 mm shallower than the first chisel. If necessary, continue with subsequent chisels between the first two chisels to gradually spread open the osteotomy until the desired opening height is reached. Open the osteotomy slowly over a period of several minutes to prevent fracturing the lateral cortex.

Option B: Bone spreader

Instruments	
324.052	3.5 mm Torque Limiting Screwdriver
395.000	TOMOFIX Bone Spreader
399.097	Bone Spreader with 8 mm blade, medium handle

Alternatively, the TOMOFIX bone spreader can be used for opening and measuring the osteotomy gap in degrees. Insert the spreader gently into the osteotomy site until the tip of the instrument reaches the hinge point of the osteotomy. Use a 3.5 mm hexagonal screwdriver to open the bone spreader and the osteotomy. The osteotomy depth can be read from the scale on the spreader blade. When the desired correction has been achieved, remove the TOMOFIX bone spreader and insert the 8 mm adjustable bone spreader into the open wedge to maintain the correction.





Opening the osteotomy continued

Instrument	
395.001	TOMOFIX Osteotomy Gap Measuring Device

If desired, the TOMOFIX gap measuring device can be used to measure the height of the open wedge in millimeters. Insert the gap measuring device into the open wedge until the device is gripped. Move the slider toward the gap, until the slider reaches the near cortex. The height of the open wedge can be confirmed in millimeters on the scale of the device.



4 Determine plate position

Center the plate, with the 4.3 mm threaded LCP drill guides installed, over the osteotomy and place onto the bone. The three holes in the head and the most proximal Combi hole on the shaft should be positioned proximal to the correction gap. The solid midsection of the plate should be placed over the osteotomy.



5

Secure plate to bone

Instruments		
310.430	4.3 mm Drill Bit	
324.052	3.5 mm Torque Limiting Screwdriver	
324.168	2.0 mm TOMOFIX Guide Sleeve	

Important: If the first screw to be inserted is a locking screw, it is important to provisionally hold the plate securely on the bone. Otherwise, the plate and screw may rotate simultaneously when locking the screw, possibly causing soft-tissue damage. When removing the plate, it is strongly recommended to manually unlock all screws first and then remove them. Always use the torque limiting screwdriver to lock the locking screws.

Perform a secure temporary fixation of the plate. Insert the 2.0 mm TOMOFIX guide sleeve into the middle threaded LCP drill guide and insert a Kirschner wire.

The K-wire will aid in positioning the screw, which should be parallel to the articular surface. The wire also allows confirmation of screw position under radiographic imaging.

Use the calibrated 4.3 mm drill bit to determine screw lengths for holes A, B and C. To ensure optimal support of the tibia plateau, insert the longest possible fixed-angle self-tapping locking screws.

Note: The calibrated drill bit is read at the bottom of the slider; the point closest to the drill guide.







6

Insert screws into holes 1, 2, 3, 4 and D

Instrument	
314.152	3.5 mm Hexagonal Screwdriver Shaft
323.500	5.0 mm/4.5 mm LCP Universal Drill Sleeve

The Combi holes allow use of a lag screw for indirect reduction of the dislocated shaft, and compression of the fractures. Insert a lag screw into hole 1. The spacers maintain adequate distance between the plate and the periosteum, help minimize damage to the blood supply, and allow the pes anserinus to move freely under the plate.

To secure the shaft portion of the plate onto the tibia, insert unicortical self-drilling locking screws into holes 2 and 3. Replace the lag screw in hole 1 with a bicortical self-tapping locking screw. Remove the spacer in hole 4, and replace it with a unicortical self-drilling locking screw.

Note: To predrill for locking screws, insert the self-retaining 3.5 mm hexagonal screwdriver shaft into the 3.5 mm hex recess of the 5.0 mm/4.5 mm LCP universal drill sleeve. Center the integral 4.3 mm drill bit in the locking hole to ensure proper engagement of the fixed-angle, self-drilling locking screws. (Figure 1 and 2)

Replace the spacer in hole D with a self-tapping locking screw of sufficient length, appropriate to the patient's anatomy.

Do not lock the screws with power tools, as their maximum torque is higher than the recommended torque, and completely tightening the screw with power tools could result in damage to the locking screw. Always use the self-retaining 3.5 mm torque limiting screwdriver for final tightening. To prevent damage to the hexagonal recess of the screw, be certain that the screwdriver properly seats in the screwhead.

Note: Use the 3.5 mm torque limiting screwdriver, 4 Nm torque limit, for final seating of all locking screws. Do not fully insert any locking screw under power.







Figure 1

Figure 2



TOMOFIX Lateral High Tibia Plate

- Hole E accepts 4.5 mm titanium cortex screws or 5.0 mm locking head screws. Holes A, B, C and D accept fixedangle 5.0 mm locking head screws.
- 1, 2 and 3 are Combi holes in the shaft and provide the flexibility of axial compression or fixed-angle locking.



1

Attach drill guides to plate

Instruments	
312.930	TOMOFIX Guiding Block, for Lateral High Tibia, right
312.931	TOMOFIX Guiding Block, for Lateral High Tibia, left
323.042	4.3 mm Threaded LCP Drill Guide

To facilitate insertion of the proximal locking screws, place the appropriate TOMOFIX guiding block for the lateral high tibia, right or left, on the proximal part of the plate. The three-point seating ensures correct positioning (Figure 1).

Insert a 4.3 mm threaded LCP drill guide through the drill guide of the guiding block into hole A of the plate (1). Tighten the locking nut of the guiding block by turning it clockwise, to lock the drill guide (2) (Figure 2).

Thread a 4.3 mm threaded LCP drill guide into an additional proximal plate hole (D or E).



Figure 1



Figure 2

2	
Install spacer	
Instrument	
413.309	5.0 mm Titanium Spacer

Place a 5.0 mm titanium spacer into hole 3.



Jostermine plate position Instrument 324.168 2.0 mm TOMOFIX Guide Sleeve

After performing the osteotomy, situate the prepared implant parallel to the tibial shaft. To temporarily affix the plate, insert the 2.0 mm TOMOFIX guide sleeve through the 4.3 mm threaded LCP drill guide and insert the 2.0 mm Kirschner wire. The Kirschner wire helps to determine screw position and length under the image intensifier.



4 Secure plate to bone

Instrumen	ts
310.430	4.3 mm Drill Bit
324.052	3.5 mm Torque Limiting Screwdriver

Important: If the first screw to be inserted is a locking screw, it is important to provisionally hold the plate securely on the bone. Otherwise, the plate and screw may rotate simultaneously when locking the screw, possibly causing soft-tissue damage. When removing the plate, it is strongly recommended to manually unlock all screws first and then remove them. Always use the 3.5 mm torque limiting screwdriver to lock the locking screws.

Use the calibrated 4.3 mm drill bit to determine screw lengths for holes D and E. To ensure optimal support of the tibia plateau, insert the longest possible fixed-angle selftapping locking screws. Insert another self-tapping locking screw into hole A or C, as desired.

To compress the osteotomy, insert a 4.5 mm titanium cortex screw into hole 1, angled distally. The spacer maintains adequate distance between the plate and the periosteum and helps minimize damage to the blood supply.





To secure the shaft portion of the plate onto the tibia, insert a unicortical self-drilling locking screw into hole 2. Replace the spacer in hole 3 with a unicortical self-drilling locking screw. Replace the cortex screw in hole 1 with a bicortical self-tapping locking screw.

For maximum stability, insert three locking screws into the proximal part of the osteotomy, and be sure to use all of the plate holes in the shaft. The first screw inserted on the distal part of the correction must be a bicortical locking screw, while it is sufficient for the two most distal screws to be unicortical locking screws.

Do not lock the screws with power tools, as their maximum torque is higher than the recommended torque, and completely tightening the screw with power tools could result in damage to the locking screw. Always use the self-retaining 3.5 mm torque limiting screwdriver for final tightening. To prevent damage to the hexagonal recess of the screw, be certain that the screwdriver seats properly in the screwhead.

Note: Use the 3.5 mm torque limiting screwdriver, 4 Nm torque limit, for final seating of all locking screws. Do not fully insert any locking screw under power.







Surgical Technique—Lateral Distal Femur

TOMOFIX Lateral Distal Femur Plates, left (440.874) and right (440.864)

- Holes A, B, and 1 through 4 are Combi holes and provide the flexibility of axial compression or fixed-angle locking.
- Holes C, E, F and G are fixed-angle locking holes.



1

Attach drill guides to plate

Instruments	
312.932	TOMOFIX Guiding Block, for Lateral Distal Femur, right
312.933	TOMOFIX Guiding Block, for Lateral Distal Femur, left
323.042	4.3 mm Threaded LCP Drill Guide

Place the appropriate TOMOFIX guiding block for the lateral distal femur, left or right, on the proximal part of the plate. The three-point seating ensures correct positioning (Figure 1).

Insert a 4.3 mm threaded LCP drill guide through the drill guide of the guiding block into hole A (1). Tighten the locking nut of the guiding block by turning it clockwise, to lock the drill guide (2) (Figure 2).

Thread another 4.3 mm threaded LCP drill guide into an additional plate hole (F or E).





Figure 1

Figure 2

2		
Install spacer		
Instrument		
413.309	5.0 mm Titanium Spacer	

Place a 5.0 mm titanium spacer into hole 4.



3 Determine plate position		
Instrument	t	
324.168	2.0 mm TOMOFIX Guide Sleeve	

After performing the osteotomy, adjust the prepared implant parallel to the femoral shaft. To temporarily affix the plate, insert the guide sleeve for 2.0 mm Kirschner wires into the threaded LCP drill guide, then insert the 2.0 mm Kirschner wire. The Kirschner wire helps to determine screw position and length under image intensification.



4

Secure plate to bone		
Instruments		
310.430	4.3 mm Drill Bit	
324.052	3.5 Torque Limiting Screwdriver	



Important: If the first screw to be inserted is a locking screw, it is important to provisionally hold the plate securely on the bone. Otherwise, the plate and screw may rotate simultaneously when locking the screw, possibly causing soft-tissue damage. When removing the plate, it is strongly recommended to manually unlock all screws first and then remove them. Always use the 3.5 mm torque limiting screwdriver to lock the locking screws.

Use the calibrated 4.3 mm drill bit to determine screw lengths for holes C, E, F and G and insert four self-tapping locking screws.

Opening the correction gap can break the far cortex, therefore, use a cranially ascending lag screw in hole 1. To achieve reduction and compression of the osteotomy, insert a 4.5 mm titanium cortex screw into hole 1, angled proximally. The spacer will maintain adequate distance between the plate and the periosteum. This helps minimize damage to the periosteal blood supply.



4. Secure plate to bone continued

To secure the shaft portion of the plate onto the femur, insert unicortical self-drilling locking screws into holes 2 and 3. Replace the 4.5 mm titanium cortex screw in hole 1 with a bicortical self-tapping locking screw. Remove the spacer in hole 4, and replace it with a unicortical self-drilling locking screw.

For maximum stability, insert four locking screws distal to the correction gap, and be sure to use all of the plate holes in the shaft. The first screw inserted proximal to the correction must be a bicortical locking screw, while it is sufficient for the three most proximal screws to be unicortical locking screws.

Note: Use the 3.5 mm torque limiting screwdriver, 4 Nm torque limit, for final seating of all locking screws. Do not fully insert any locking screw under power.





TOMOFIX Medial High Tibia Plate (440.834)

- Precontoured to fit the medial proximal tibia. The proximal screws are angled for better purchase in the tibial plateau.
- The solid midsection provides the strength necessary to sustain the osteotomy. The tapered end facilitates minimally invasive insertion.
- Three Combi holes (1, 2 and D) provide the flexibility of axial compression and locking capability
- Holes 3, 4, A, B and C accept locking screws
- Made of commercially pure titanium





TOMOFIX Medial High Tibia Plate, small (440.831)

- Precontoured to fit the medial proximal tibia. The proximal screws are angled for better purchase in the tibial plateau.
- The solid midsection provides the strength necessary to sustain the osteotomy. The tapered end facilitates minimally invasive insertion.
- Three Combi holes (1, 2 and D) provide the flexibility of axial compression and locking capability
- Holes 3, 4, A, B and C accept locking screws
- Made of commercially pure titanium





TOMOFIX Lateral High Tibia Plate, left (440.853) and right (440.843)

- Precontoured to fit the anatomy of the lateral proximal tibia
- Plate thickness between 3.1 mm and 4.5 mm ensures the strength necessary to sustain the osteotomy, without causing soft-tissue irritation. The tapered end facilitates minimally invasive insertion.
- Hole E accepts 4.5 mm titanium cortex screws or 5.0 mm locking head screws. Holes A, B, C and D accept fixedangle 5.0 mm locking head screws.
- Three Combi holes in the shaft provide the flexibility of axial compression or fixed-angle locking
- Made of Ti-6Al-7Nb



TOMOFIX Lateral Distal Femur Plates, left (440.874) and right (440.864)

- Precontoured to fit the lateral distal femur
- The tapered end facilitates minimally invasive insertion
- Holes A, B, and 1 through 4 are Combi holes and provide the flexibility of axial compression or fixed-angle locking
- Holes C, E, F and G are fixed-angle locking holes
- Made of Ti-6Al-7Nb



TOMOFIX Medial Distal Femur Plate, left (440.895) and right (440.885)*

- Precontoured to fit the medial distal femur
- Tapered end facilitates insertion
- Combi holes provide the flexibility of axial compression and locking capability
- Fixed-angle locking holes provide multiple fixed-angle constructs throughout the plate, improving the retention of the screws in the plate and in cortical bone
- Made of commercially pure titanium



* To learn more about the TOMOFIX Medial Distal Femur Plate and its surgical technique, please refer to the TOMOFIX Medial Distal Femur Plate Technique Guide.

Selected Instruments



	small	T.
312.926	TOMOFIX Guiding Block, for Medial High Tibia	
312.930	TOMOFIX Guiding Block, for Lateral High Tibia, right	A A A A A A A A A A A A A A A A A A A
312.931	TOMOFIX Guiding Block, for Lateral High Tibia, left	
312.932	TOMOFIX Guiding Block, for Lateral Distal Femur, right	
312.933	TOMOFIX Guiding Block, for Lateral Distal Femur, left	

TOMOFIX Guiding Block, for Medial High Tibia,

312.924

314.152 3.5 mm Hexagonal Screwdriver Shaft, 6 self-retaining 4.3 mm Threaded LCP Drill Guide 323.042 323.500 5.0 mm/4.5 mm LCP Universal Drill Sleeve, with 4.3 mm Drill Bit 3.5 mm Torque Limiting Screwdriver, 324.052 self-retaining

324.168 2.0 mm TOMOFIX Guide Sleeve





395.001 TOMC

TOMOFIX Osteotomy Gap Measuring Device



	TOMOFIX Osteotomy Chisels
397.992	10 mm width
397.993	15 mm width
397.994	20 mm width
397.995	25 mm width

399.097 Bone Spreader with 8 mm blade, medium handle, soft ratchet



413.309 5.0 mm Titanium Spacer, 2 mm



TOMOFIX Instrument and Implant Set (01.108.000)

TOMOFIX Instrument and Titanium Implant Set

Graphic Case 60.120.050

	Graphic Case
Instruments	
02.108.200	3.0 mm Drill Tip Guide Wire with Threads,
02 109 020	230 mm, 10 ea. Alignment Red
03.108.030	Stand for Alignment Rod
03.108.032	Small Stand for Alignment Rod
292.699	2.0 mm Kirschner Wire, threaded spade
	point tip, 280 mm, 10 ea.
310.243	2.5 mm Drill Tip Guide Wire, 200 mm, trocar
	point, 10 ea.
310.31	3.2 mm Drill Bit, quick coupling, 145 mm, 2 ea.
310.430	4.3 mm Drill Bit, quick coupling, 221 mm, 2 ea.
311.44	T-Handle, with quick coupling
312.46	4.5 mm/3.2 mm Double Drill Sleeve
312.48	4.5 mm/3.2 mm Insert Drill Sleeve
	TOMOFIX Guiding Blocks
312.924	for Medial High Tibia, small
312.926	for Medial High Tibia
312.930	for Lateral High Tibia, right
312.931	for Lateral High Tibia, left
312.932	for Lateral Distal Femur, right
312.933	for Lateral Distal Femur, left
312.934	for Medial Distal Femur, right
312.935	for Medial Distal Femur, left
314.152	3.5 mm Hexagonal Screwdriver Shaft,
	self-retaining, 2 ea.
319.10	Depth Gauge, for large screws
323.042	4.3 mm Threaded LCP Drill Guide, 4 ea.
323.500	5.0 mm/4.5 mm LCP Universal Drill Sleeve,
	with 4.3 mm Drill Bit
324.052	3.5 mm Torque Limiting Screwdriver,
	self-retaining







324.168	2.0 mm TOMOFIX Guide Sleeve
395.000	TOMOFIX Bone Spreader
395.001	TOMOFIX Osteotomy Gap Measuring Device

For detailed cleaning and sterilization instructions, please refer to: www.synthes.com/cleaning-sterilization In Canada, the cleaning and sterilization instructions will be provided with the Loaner shipments.

Instruments co	ontinued	
	TOMOFIX	K Osteotomy Chisels
207 002	10	1.1.1

397.992	10 mm width
397.993	15 mm width
397.994	20 mm width, 2 ea.
397.995	25 mm width
399.097	Bone Spreader with 8 mm blade, medium handle, soft ratchet
413.309	5.0 mm Titanium Spacer, 2 mm, 3 ea.

Implants

5.0 mm Titanium Locking Head Screws, self-tapping, 3 ea.

	Length (mm)		Length (mm)
413.324	24	413.346	46
413.326	26	413.348	48
413.328	28	413.350	50
413.330	30	413.355	55
414.332	32	413.360	60
415.334	34	413.365	65
413.336	36	413.370	70
413.338	38	<u>413.375</u>	75
413.340	40	413.380	80
413.342	42	413.385	85
413.344	44	413.390	90

413.426 5.0 mm Titanium Locking Head Screw, self-drilling, 26 mm, 6 ea.

4.5 mm Titanium Cortex Screws, self-tapping, 2 ea.

	Length (mm)		Length (mm)
414.824	24	414.840	40
414.826	26	414.842	42
414.828	28	414.844	44
414.830	30	414.846	46
414.832	32	414.848	48
414.834	34	414.850	50
414.836	36	414.852	52
414.838	38		

- 440.831 Titanium TOMOFIX Medial High Tibia Plate, small, 4 holes, 112 mm, 2 ea. 440.834 Titanium TOMOFIX Medial High Tibia Plate, 4 holes, 115 mm, 2 ea. 440.843 Titanium TOMOFIX Lateral High Tibia Plate, 3 holes, right, 102 mm 440.853 Titanium TOMOFIX Lateral High Tibia Plate, 3 holes, left, 102 mm 440.864 Titanium TOMOFIX Lateral Distal Femur Plate, 4 holes, right, 141 mm 440.874 Titanium TOMOFIX Lateral Distal Femur Plate, 4 holes, left, 141 mm
- 440.885[◊] Titanium TOMOFIX Medial Distal Femur Plate, 4 holes, right, 121 mm
- 440.895[◊] Titanium TOMOFIX Medial Distal Femur Plate, 4 holes, left, 121 mm

Also Available

292.21	2.0 mm Kirschner Wire with trocar point,
	285 mm, 10/pkg.
292.76	2.5 mm Kirschner Wire with 15 mm thread
	trocar point, 200 mm, 10/pkg.
321.12	Articulated Tension Device, with gauge,
	span 20 mm
511.771	Torque Limiting Attachment, 4 Nm

CAUTION: USA Law restricts these devices to sale by or on the order of a physician.



COMPANIES OF Johnson Johnson

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