



# *Trauma Catalogue*

MULTIAXIAL SYSTEM

*implants for life™*



# MULTIAXIAL SYSTEM

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# Plates

## Distal Femoral Locking Plates (Multiaxial)

	<b>Titanium</b>	<b>Stainless Steel</b>	<b>Description</b>
<b>Ref No</b>	50-31231-061	50-21231-061	Distal Femoral Locking Plates (Multiaxial), 6 Holes, Left, 180mm long
	50-31231-062	50-21231-062	Distal Femoral Locking Plates (Multiaxial), 6 Holes, Right, 180mm long
	50-31231-091	50-21231-091	Distal Femoral Locking Plates (Multiaxial), 9 Holes, Left, 234mm long
	50-31231-092	50-21231-092	Distal Femoral Locking Plates (Multiaxial), 9 Holes, Right, 234mm long
	50-31231-121	50-21231-121	Distal Femoral Locking Plates (Multiaxial), 12 Holes, Left, 288mm long
	50-31231-122	50-21231-122	Distal Femoral Locking Plates (Multiaxial), 12 Holes, Right, 288mm long
	50-31231-151	50-21231-151	Distal Femoral Locking Plates (Multiaxial), 15 Holes, Left, 342mm long
	50-31231-152	50-21231-152	Distal Femoral Locking Plates (Multiaxial), 15 Holes, Right, 342mm long

### Description

Anatomically designed plates with right and left versions. The pre-contoured shape of the plate's shaft fits over the metaphysis and diaphysis with no or minimum additional bending whereas, the shape of the head matches that of the distal femur. The tapered design at the plate's distal end facilitates easy submuscular passage of the plate. Available in 4 lengths (180 mm to 342 mm) with 6 to 15 screw holes in the shaft. The plate's head carries 5 screw holes that allow placement of the screws to capture fragments; the wide central hole receives the 8.0 mm cannulated screw. There are also 2 additional holes for preliminary fixation with Kirschner wires or sutures.

### Indications

- Comminuted fractures
- Supracondylar fractures
- Intra-articular and extra-articular condylar fractures
- Fractures in osteopenic bone
- Nonunions
- Malunions

### Fixation Screws

May be used with 4.5 mm and 5.5 mm locking screws, 4.5 mm cortical screws, 5.5 mm cancellous screws, and 8.0 mm locking cannulated screws.

### Plate Section

- Head thickness 3.2mm
- Shaft thickness 4.5mm
- Head Width 37.5mm
- Shaft Width 16mm

### Material

- Certified Medical Stainless Steel ISO 5832-1
- Certified Medical Pure Titanium ISO 5832-2



## Plates

### Proximal Tibial Locking Plates (Multiaxial)

	Titanium	Stainless Steel	Description
<b>Ref No</b>	50-31232-021	50-21232-021	Proximal Tibial Locking Plates (Multiaxial), 2 Holes, Left, 99mm long
	50-31232-022	50-21232-022	Proximal Tibial Locking Plates (Multiaxial), 2 Holes, Right, 99mm long
	50-31232-051	50-21232-051	Proximal Tibial Locking Plates (Multiaxial), 5 Holes, Left, 153mm long
	50-31232-052	50-21232-052	Proximal Tibial Locking Plates (Multiaxial), 5 Holes, Right, 153mm long
	50-31232-081	50-21232-081	Proximal Tibial Locking Plates (Multiaxial), 8 Holes, Left, 207mm long
	50-31232-082	50-21232-082	Proximal Tibial Locking Plates (Multiaxial), 8 Holes, Right, 207mm long
	50-31232-111	50-21232-111	Proximal Tibial Locking Plates (Multiaxial), 11 Holes, Left, 261mm long
	50-31232-112	50-21232-112	Proximal Tibial Locking Plates (Multiaxial), 11 Holes, Right, 261mm long
	50-31232-141	50-21232-141	Proximal Tibial Locking Plates (Multiaxial), 14 Holes, Left, 315mm long
	50-31232-142	50-21232-142	Proximal Tibial Locking Plates (Multiaxial), 14 Holes, Right, 315mm long

#### Description

Anatomically designed plates with right and left versions. The pre-contoured shape of the plate's shaft fits over the metaphysis and diaphysis with no or minimum additional bending whereas, the shape of the head matches that of the proximal tibia. The tapered design at the plate's distal end facilitates easy submuscular passage of the plate. Available in 5 lengths (99 mm to 315 mm) with 2 to 14 screw holes in the shaft and 5 screw holes in the head of the plate that allow placement of the screws to capture fragments. There are also 3 additional holes for preliminary fixation with Kirschner wires or sutures.

#### Indications

- Comminuted fractures
- Supracondylar fractures
- Intra-articular and extra-articular condylar fractures
- Fractures in osteopenic bone
- Nonunions
- Malunions

#### Fixation Screws

May be used with 4.5 mm and 5.5 mm locking screws, 4.5 mm cortical screws, 5.5 mm cancellous screws, and 8.0 mm locking cannulated screws.

#### Plate Section

Head thickness 3.2mm  
 Shaft thickness 5.0mm  
 Head Width 30.5mm  
 Shaft Width 13.5mm

#### Material

Certified Medical Stainless Steel ISO 5832-1  
 Certified Medical Pure Titanium ISO 5832-2



## Screws

### 4.0mm Locking Cancellous Screws

	<b>Titanium</b>	<b>Stainless Steel</b>	<b>Description</b>
<b>Ref No</b>	50-41608-050	50-21608-050	4.0mm Locking Cancellous Screws 50mm long
	50-41608-055	50-21608-055	4.0mm Locking Cancellous Screws 55mm long
	50-41608-060	50-21608-060	4.0mm Locking Cancellous Screws 60mm long
	50-41608-065	50-21608-065	4.0mm Locking Cancellous Screws 65mm long
	50-41608-070	50-21608-070	4.0mm Locking Cancellous Screws 70mm long
	50-41608-075	50-21608-075	4.0mm Locking Cancellous Screws 75mm long
	50-41608-080	50-21608-080	4.0mm Locking Cancellous Screws 80mm long
	50-41608-085	50-21608-085	4.0mm Locking Cancellous Screws 85mm long
	50-41608-090	50-21608-090	4.0mm Locking Cancellous Screws 90mm long
	50-41608-095	50-21608-095	4.0mm Locking Cancellous Screws 95mm long
	50-41608-100	50-21608-100	4.0mm Locking Cancellous Screws 100mm long

#### Description

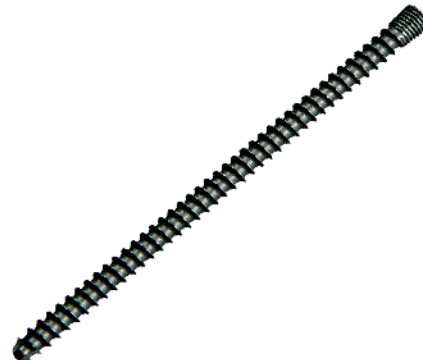
*Designed for fastening locking plates into metaphyseal and epiphyseal areas of bones. Both the deep cut and the wide spaced thread facilitate the enhancement of the holding force of the screw in the cancellus bone.*

#### Screw Section

*Core diameter 2.8mm  
Thread diameter 4.0mm  
Hex size 2.5mm*

#### Material

*Certified Medical Titanium Alloy ISO 5832-3  
Certified Medical Stainless Steel ISO 5832-1*



## Screws

### 5.5mm Locking Cancellous Screws

	<b>Titanium</b>	<b>Stainless Steel</b>	<b>Description</b>
<b>Ref No</b>	50-41610-025	50-21610-025	5.5mm Locking Cancellous Screws 25mm long
	50-41610-030	50-21610-030	5.5mm Locking Cancellous Screws 30mm long
	50-41610-035	50-21610-035	5.5mm Locking Cancellous Screws 35mm long
	50-41610-040	50-21610-040	5.5mm Locking Cancellous Screws 40mm long
	50-41610-045	50-21610-045	5.5mm Locking Cancellous Screws 45mm long
	50-41610-050	50-21610-050	5.5mm Locking Cancellous Screws 50mm long
	50-41610-055	50-21610-055	5.5mm Locking Cancellous Screws 55mm long
	50-41610-060	50-21610-060	5.5mm Locking Cancellous Screws 60mm long
	50-41610-065	50-21610-065	5.5mm Locking Cancellous Screws 65mm long
	50-41610-070	50-21610-070	5.5mm Locking Cancellous Screws 70mm long
	50-41610-075	50-21610-075	5.5mm Locking Cancellous Screws 75mm long
	50-41610-080	50-21610-080	5.5mm Locking Cancellous Screws 80mm long
	50-41610-085	50-21610-085	5.5mm Locking Cancellous Screws 85mm long
	50-41610-090	50-21610-090	5.5mm Locking Cancellous Screws 90mm long
	50-41610-095	50-21610-095	5.5mm Locking Cancellous Screws 95mm long
	50-41610-100	50-21610-100	5.5mm Locking Cancellous Screws 100mm long

#### Description

*Designed for fastening locking plates into metaphyseal and epiphyseal areas of bones. Both the deep cut and the wide spaced thread facilitate the enhancement of the holding force of the screw in the cancellus bone.*

#### Screw Section

*Core diameter 3.8mm  
Thread diameter 5.5mm  
Hex size 3.5mm*

#### Material

*Certified Medical Titanium Alloy ISO 5832-3  
Certified Medical Stainless Steel ISO 5832-1*



## Screws

### 8.0 mm Locking Cannulated Screws

	<b>Titanium</b>	<b>Stainless Steel</b>	<b>Description</b>
<b>Ref No</b>	50-41611-055	50-21611-055	8.0 mm Locking Cannulated Screws 55mm long
	50-41611-060	50-21611-060	8.0 mm Locking Cannulated Screws 60mm long
	50-41611-065	50-21611-065	8.0 mm Locking Cannulated Screws 65mm long
	50-41611-070	50-21611-070	8.0 mm Locking Cannulated Screws 70mm long
	50-41611-075	50-21611-075	8.0 mm Locking Cannulated Screws 75mm long
	50-41611-080	50-21611-080	8.0 mm Locking Cannulated Screws 80mm long
	50-41611-085	50-21611-085	8.0 mm Locking Cannulated Screws 85mm long
	50-41611-090	50-21611-090	8.0 mm Locking Cannulated Screws 90mm long

#### Description

*Designed for use with locking multiaxial and indicated for fracture fixation of large bones and large bone fragments. The self-drilling and self-tapping design facilitates the ease of insertion. The wide cannulation allows the insertion of thick and stiff guide wires which assist the accurate placement of screw.*

#### Screw Section

*Core diameter 5.5mm  
Thread diameter 8.0mm  
Hex size 4.5mm  
Cannulation 2.0mm*

#### Material

*Certified Medical Titanium Alloy ISO 5832-3  
Certified Medical Stainless Steel ISO 5832-1*







## Instruments



**VA-58603501**  
*∅ 2.x250 Guide Pin*



**VA-58603502**  
*∅ 2.5 Guide Pin Sleeve*



**VA-58601425**  
*Stop Wrench SW 2.5*



**VA-58603507**  
*Hex Wrench SW 4.5*



**VA-58603509**  
*Cannulated Hex Wrench SW 4.5*



**VA-58603515**  
*∅ 2.9 Drill Bit*



**VA-58603519**  
*∅ 2.9 Drill Bit Stop*



**VA-58603517**  
*∅ 3.8 Drill Bit*

**VA-58603521**  
*∅ 3.8 Drill Bit Stop*



**VA-58603523**  
*∅ 2.9 Drill Sleeve*



**VA-58603525**  
*∅ 3.8 Drill Sleeve*



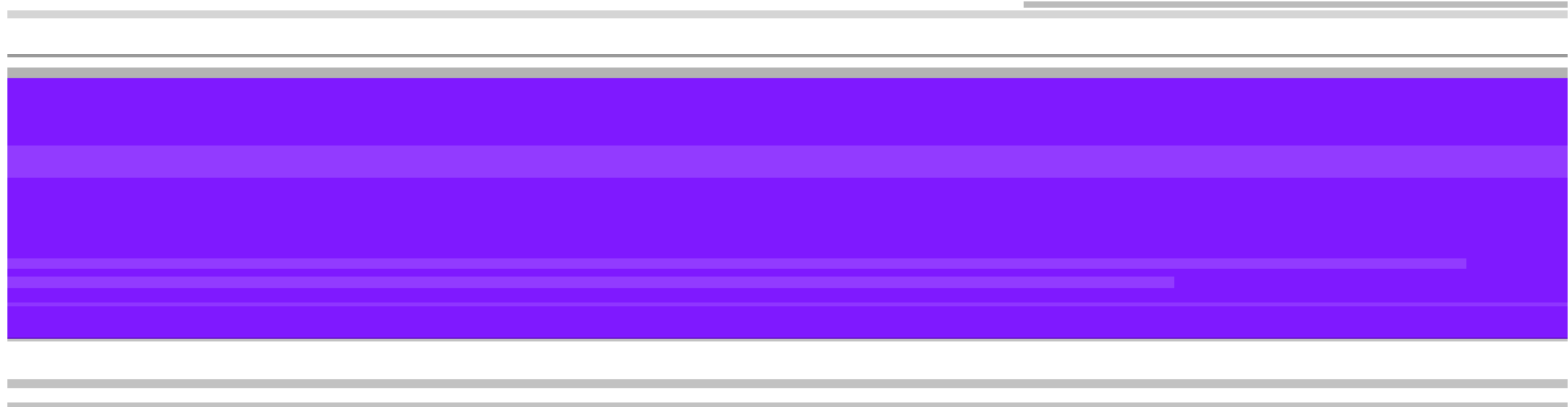
**VA-58603529**  
*ø 5.4 Cannulated Drill Bit*



**VA-58601419**  
*Torque Screwdriver SW2.5/1.5*

**VA-58603529**  
*ø 5.4 Cannulated Drill Bit*





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