



Trauma Catalogue

LARGE FRAGMENT LOCKING SYSTEM

implants for life™



LARGE FRAGMENT LOCKING SYSTEM

Table of Contents

Plates

<i>LCP Distal Lateral Femoral Plates</i> _____	4
<i>LCP Proximal Tibia T-Plates</i> _____	5
<i>LCP Proximal Tibia L-Buttress Plates</i> _____	6
<i>Limited Contact – Locking Compression Plates, Wide</i> _____	7
<i>Limited Contact – Locking Compression Plates, Narrow</i> _____	8

Screws

<i>5.0 mm Self-Tapping Locking Screws</i> _____	9
<i>4.5 mm Cortical Screws</i> _____	10
<i>6.5 mm Cancellous Screws, Partially Threaded</i> _____	11
<i>6.5 mm Cancellous Screws, Fully Threaded</i> _____	12

<i>Instruments</i> _____	16
--------------------------	----

Plates

LCP Distal Lateral Femoral Plates

	Titanium	Stainless Steel	Description
Ref No	50-31209-051	50-21209-051	LCP Distal Lateral Femoral Plate 5 Holes, Left, 156mm
	50-31209-052	50-21209-052	LCP Distal Lateral Femoral Plate 5 Holes, Right, 156mm
	50-31209-071	50-21209-071	LCP Distal Lateral Femoral Plate 7 Holes, Right, 176mm
	50-31209-072	50-21209-072	LCP Distal Lateral Femoral Plate 7 Holes, Right, 176mm
	50-31209-091	50-21209-091	LCP Distal Lateral Femoral Plate 9 Holes, Left, 196mm
	50-31209-092	50-21209-092	LCP Distal Lateral Femoral Plate 9 Holes, Right, 196mm
	50-31209-111	50-21209-111	LCP Distal Lateral Femoral Plate 11 Holes, Left, 236mm
	50-31209-112	50-21209-112	LCP Distal Lateral Femoral Plate 11 Holes, Right, 236mm
	50-31209-131	50-21209-131	LCP Distal Lateral Femoral Plate 13 Holes, Left, 316mm
	50-31209-132	50-21209-132	LCP Distal Lateral Femoral Plate 13 Holes, Right, 316mm

Description

Anatomically designed plates with right and left versions. The pre-contoured shape of the plate's shaft fits over the lateral metaphysis and diaphysis of femur with no or minimum additional bending whereas the shape of the head matches that the distal femur. The tapered design at the plate's distal end facilitates easy submuscular passage of the plate. Available in 5 lengths (156 to 316 mm) with 5 to 13 holes in the shaft that accepts both locking and cortical screws. Plate's head carries 7 locking screw holes and 3 holes for preliminary fixation with Kirschner wires.

Indications

- Distal shaft fractures
- Supracondylar fractures
- Intra-articular fractures
- Periprosthetic fractures

Fixation Screws

May be used with 6.5 mm cancellous screws (fully or partially threaded), 4.5 mm cortical screws, and 5.0 mm self-tapping locking screws.

Plate Section

- Head Thickness 5.3mm
- Shaft Thickness 5.3mm
- Head Width 33.5mm
- Shaft Width 16.2mm

Material

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



Plates

LCP Proximal TibiaT-Plates

	Titanium	Stainless Steel	Description
Ref No	60-31222-041	60-21222-041	LCP Proximal TibiaT-Plate 4 Holes, Left, 81mm
	60-31222-042	60-21222-042	LCP Proximal TibiaT-Plate 4 Holes, Right, 81mm
	60-31222-061	60-21222-061	LCP Proximal TibiaT-Plate 6Holes, Left, 113mm
	60-31222-062	60-21222-062	LCP Proximal TibiaT-Plate 6 Holes, Right, 113mm
	60-31222-081	60-21222-081	LCP Proximal TibiaT-Plate 8 Holes, Left, 145mm
	60-31222-082	60-21222-082	LCP Proximal TibiaT-Plate 8 Holes, Right, 145mm

Description

Anatomically designed plates with right and left versions. The pre-contoured shape of the plate's shaft fits over the medial metaphysis and diaphysis of tibia with minimum additional bending whereas the shape of the head matches that of the tibia plateau. Available in 3 lengths (81 to 145 mm) with 4 to 8 holes in the shaft; oval holes allow eccentric placement of cortical screws for the compression of the fracture. Plate's head carries 3 locking screw holes and 4 holes for preliminary fixation with Kirschner wires.

Indications

- Proximal tibial fractures
- Pure central depression fractures

Fixation Screws

May be used with 6.5 mm cancellous screws (fully or partially threaded), 4.5 mm cortical screws, and 5.0 mm self-tapping locking screws.

Plate Section

Head Thickness 2.0mm
Shaft Thickness 3.5mm
Head Width 34mm
Shaft Width 12mm

Material

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



Plates

LCP Proximal Tibia L-Buttress Plates

	Titanium	Stainless Steel	Description
Ref No	30-31013-041	30-21013-041	LCP Proximal Tibia L-Buttress Plate, 4 Holes, Left, 76.5mm
	30-31013-042	30-21013-042	LCP Proximal Tibia L-Buttress Plate, 4 Holes, Right, 76.5mm
	30-31013-051	30-21013-051	LCP Proximal Tibia L-Buttress Plate, 5 Holes, Left, 92.5mm
	30-31013-052	30-21013-052	LCP Proximal Tibia L-Buttress Plate, 5 Holes, Right, 92.5mm
	30-31013-061	30-21013-061	LCP Proximal Tibia L-Buttress Plate, 6 Holes, Left, 107.5mm
	30-31013-062	30-21013-062	LCP Proximal Tibia L-Buttress Plate, 6 Holes, Right, 108.5mm
	30-31013-081	30-21013-081	LCP Proximal Tibia L-Buttress Plate, 8 Holes, Left, 140.5mm
	30-31013-082	30-21013-082	LCP Proximal Tibia L-Buttress Plate, 8 Holes, Right, 140.5mm
	30-31013-101	30-21013-101	LCP Proximal Tibia L-Buttress Plate, 10 Holes, Left, 172.5mm
	30-31013102	30-21013102	LCP Proximal Tibia L-Buttress Plate, 10 Holes, Right, 172.5mm

Description

Anatomically designed plates with right and left versions. The pre-contoured shape of the plate's shaft fits over the lateral metaphysis and diaphysis of tibia with no or minimum additional bending while, the shape of the head matches that of the tibia plateau. Available in 5 lengths (76.5 to 172.5 mm) with 4 to 10 screw holes in the shaft; oval shaped holes allow eccentric placement of cortical screws for the compression of the fracture. Plate's head carries 3 locking screw holes and 3 holes for preliminary fixation with Kirschner wires.

Indications

- Split-type fractures of the lateral tibial plateau
- Lateral split fractures with associated depressions
- Pure central depression fractures
- Split or depression fractures of the medial plateau

Fixation Screws

May be used with 6.5 mm cancellous screws (fully or partially threaded), 4.5 mm cortical screws, and 5.0 mm self-tapping locking screws.

Plate Section

Head Thickness 2.0mm
 Shaft Thickness 3.2mm
 Head Width 33.5mm
 Shaft Width 13mm

Material

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



Plates

Limited Contact - Locking Compression Plates, Wide

	Titanium	Stainless Steel	Description
Ref No	60-31320-060	60-21320-060	Limited Contact - Locking Compression Plate - Wide, 6 Holes, 113mm
	60-31320-070	60-21320-070	Limited Contact - Locking Compression Plate - Wide, 7 Holes, 131mm
	60-31320-080	60-21320-080	Limited Contact - Locking Compression Plate - Wide, 8 Holes, 149mm
	60-31320-090	60-21320-090	Limited Contact - Locking Compression Plate - Wide, 9 Holes, 167mm
	60-31320-100	60-21320-100	Limited Contact - Locking Compression Plate - Wide, 10 Holes, 185mm
	60-31320-110	60-21320-110	Limited Contact - Locking Compression Plate - Wide, 11 Holes, 203mm
	60-31320-120	60-21320-120	Limited Contact - Locking Compression Plate - Wide, 12 Holes, 221mm

Description

Wide, straight plate, designed to reduce the contact between the plate and the bone as to have minimum impact on the proper blood supply of the fractured region. The tapered design at the plate's distal end facilitates easy submuscular passage of the plate. Available in 7 lengths (113 to 221 mm) with 6 to 12 screw holes uniformly spaced along the plate's length that accept both locking and cortical screws

Indications

- Fixation of femoral diaphysis fractures
- Periprosthetic fractures
- Fixation of non-union or malunions

Fixation Screws

May be used with 4.5 mm cortical screws, and 5.0 mm self-tapping locking screws.

Plate Section

Head Thickness 5.0mm/6.0mm
 Shaft Thickness 5.0/6.0mm
 Head Width 17.5mm
 Shaft Width 17.5mm

Material

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



Plates

Limited Contact - Locking Compression Plates, Narrow

	Titanium	Stainless Steel	Description
Ref No	60-31310-060	60-21310-060	Limited Contact - Locking Compression Plate, Narrow, 6 Holes, 114mm
	60-31310-070	60-21310-070	Limited Contact - Locking Compression Plate, Narrow, 7 Holes, 132mm
	60-31310-080	60-21310-080	Limited Contact - Locking Compression Plate, Narrow, 8 Holes, 150mm
	60-31310-090	60-21310-090	Limited Contact - Locking Compression Plate, Narrow, 9 Holes, 168mm
	60-31310-100	60-21310-100	Limited Contact - Locking Compression Plate, Narrow, 10 Holes, 186mm
	60-31310-120	60-21310-120	Limited Contact - Locking Compression Plate, Narrow, 11 Holes, 204mm

Description

Narrow, straight plate, designed to reduce the contact between the plate and the bone as to have minimum impact on the proper blood supply of the fractured region. The tapered design at the plate's distal end facilitates easy submuscular passage of the plate. Available in 6 lengths (114 to 204 mm) with 6 to 11 screw uniformly spaced along the plate's length that accept both locking and cortical screws.

Indications

- Fixation of tibial diaphysis fractures
- Periprosthetic fractures

Fixation Screws

May be used with 4.5 mm cortical screws, and 5.0 mm self-tapping locking screws.

Plate Section

Head Thickness 4.0m/5.0mm
 Shaft Thickness 4.0/5.0mm
 Head Width 14mm
 Shaft Width 14mm

Material

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



Screws

5.0mm Self-Tapping Locking Screws

	Titanium	Stainless Steel	Description
Ref No	50-41604-020	50-21604-020	5.0mm Self-Tapping Locking Screw 20mm
	50-41604-022	50-21604-022	5.0mm Self-Tapping Locking Screw 22mm
	50-41604-024	50-21604-024	5.0mm Self-Tapping Locking Screw 24mm
	50-41604-026	50-21604-026	5.0mm Self-Tapping Locking Screw 26mm
	50-41604-028	50-21604-028	5.0mm Self-Tapping Locking Screw 28mm
	50-41604-030	50-21604-030	5.0mm Self-Tapping Locking Screw 30mm
	50-41604-032	50-21604-032	5.0mm Self-Tapping Locking Screw 32mm
	50-41604-034	50-21604-034	5.0mm Self-Tapping Locking Screw 34mm
	50-41604-036	50-21604-036	5.0mm Self-Tapping Locking Screw 36mm
	50-41604-038	50-21604-038	5.0mm Self-Tapping Locking Screw 38mm
	50-41604-040	50-21604-040	5.0mm Self-Tapping Locking Screw 40mm
	50-41604-042	50-21604-042	5.0mm Self-Tapping Locking Screw 42mm
	50-41604-044	50-21604-044	5.0mm Self-Tapping Locking Screw 44mm
	50-41604-046	50-21604-046	5.0mm Self-Tapping Locking Screw 46mm
	50-41604-048	50-21604-048	5.0mm Self-Tapping Locking Screw 48mm
	50-41604-050	50-21604-050	5.0mm Self-Tapping Locking Screw 50mm
	50-41604-052	50-21604-052	5.0mm Self-Tapping Locking Screw 52mm
	50-41604-054	50-21604-054	5.0mm Self-Tapping Locking Screw 54mm
	50-41604-056	50-21604-056	5.0mm Self-Tapping Locking Screw 56mm
	50-41604-058	50-21604-058	5.0mm Self-Tapping Locking Screw 58mm
	50-41604-060	50-21604-060	5.0mm Self-Tapping Locking Screw 60mm
	50-41604-062	50-21604-062	5.0mm Self-Tapping Locking Screw 62mm
	50-41604-064	50-21604-064	5.0mm Self-Tapping Locking Screw 64mm
	50-41604-066	50-21604-066	5.0mm Self-Tapping Locking Screw 66mm
	50-41604-068	50-21604-068	5.0mm Self-Tapping Locking Screw 68mm
	50-41604-070	50-21604-070	5.0mm Self-Tapping Locking Screw 70mm
	50-41604-072	50-21604-072	5.0mm Self-Tapping Locking Screw 72mm
	50-41604-074	50-21604-074	5.0mm Self-Tapping Locking Screw 74mm
	50-41604-076	50-21604-076	5.0mm Self-Tapping Locking Screw 76mm
	50-41604-078	50-21604-078	5.0mm Self-Tapping Locking Screw 78mm
	50-41604-080	50-21604-080	5.0mm Self-Tapping Locking Screw 80mm
	50-41604-084	50-21604-084	5.0mm Self-Tapping Locking Screw 84mm
	50-41604-090	50-21604-090	5.0mm Self-Tapping Locking Screw 90mm
	50-41604-094	50-21604-094	5.0mm Self-Tapping Locking Screw 94mm
	50-41604-100	50-21604-100	5.0mm Self-Tapping Locking Screw 100mm

Description

Designed for the fixation of large fragment plates. The self-tapping feature eliminates the use of bone tap.

Screw Section

*Core diameter 2.9mm
Thread diameter 5.0mm
Hex size 3.5mm
Length 20-100mm*

Material

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



Screws

4.5mm Cortical Screws

	Titanium	Stainless Steel	Description
Ref No	20-41504-020	20-21504-020	4.5mm Cortical Screw, Fully Threaded 20mm
	20-41504-022	20-21504-022	4.5mm Cortical Screw, Fully Threaded 22mm
	20-41504-024	20-21504-024	4.5mm Cortical Screw, Fully Threaded 24mm
	20-41504-026	20-21504-026	4.5mm Cortical Screw, Fully Threaded 26mm
	20-41504-028	20-21504-028	4.5mm Cortical Screw, Fully Threaded 28mm
	20-41504-030	20-21504-030	4.5mm Cortical Screw, Fully Threaded 30mm
	20-41504-032	20-21504-032	4.5mm Cortical Screw, Fully Threaded 32mm
	20-41504-034	20-21504-034	4.5mm Cortical Screw, Fully Threaded 34mm
	20-41504-036	20-21504-036	4.5mm Cortical Screw, Fully Threaded 36mm
	20-41504-038	20-21504-038	4.5mm Cortical Screw, Fully Threaded 38mm
	20-41504-040	20-21504-040	4.5mm Cortical Screw, Fully Threaded 40mm
	20-41504-042	20-21504-042	4.5mm Cortical Screw, Fully Threaded 42mm
	20-41504-044	20-21504-044	4.5mm Cortical Screw, Fully Threaded 44mm
	20-41504-046	20-21504-046	4.5mm Cortical Screw, Fully Threaded 46mm
	20-41504-048	20-21504-048	4.5mm Cortical Screw, Fully Threaded 48mm
	20-41504-050	20-21504-050	4.5mm Cortical Screw, Fully Threaded 50mm
	20-41504-052	20-21504-052	4.5mm Cortical Screw, Fully Threaded 52mm
	20-41504-054	20-21504-054	4.5mm Cortical Screw, Fully Threaded 54mm
	20-41504-056	20-21504-056	4.5mm Cortical Screw, Fully Threaded 56mm
	20-41504-058	20-21504-058	4.5mm Cortical Screw, Fully Threaded 58mm
	20-41504-060	20-21504-060	4.5mm Cortical Screw, Fully Threaded 60mm

Description

Designed for use with large fragment plates, facilitating the inter-fragmental compression. The spherical design under the screw head provides compression whereas the thick core provides strength.

Screw Section

*Head diameter 8.0mm
Core diameter 3.2mm
Thread diameter 4.5mm
Hex size 3.5mm
Length 20-60mm*

Material

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



Screws

6.5mm Cancellous Screws, Fully Threaded

	Titanium	Stainless Steel	Description
Ref No	30-41509-030	30-21509-030	6.5mm Cancellous Screw, Fully Threaded 30mm
	30-41509-035	30-21509-035	6.5mm Cancellous Screw, Fully Threaded 35mm
	30-41509-040	30-21509-040	6.5mm Cancellous Screw, Fully Threaded 40mm
	30-41509-045	30-21509-045	6.5mm Cancellous Screw, Fully Threaded 45mm
	30-41509-050	30-21509-050	6.5mm Cancellous Screw, Fully Threaded 50mm
	30-41509-055	30-21509-055	6.5mm Cancellous Screw, Fully Threaded 55mm
	30-41509-060	30-21509-060	6.5mm Cancellous Screw, Fully Threaded 60mm
	30-41509-065	30-21509-065	6.5mm Cancellous Screw, Fully Threaded 65mm
	30-41509-070	30-21509-070	6.5mm Cancellous Screw, Fully Threaded 70mm
	30-41509-075	30-21509-075	6.5mm Cancellous Screw, Fully Threaded 75mm
	30-41509-080	30-21509-080	6.5mm Cancellous Screw, Fully Threaded 80mm
	30-41509-085	30-21509-085	6.5mm Cancellous Screw, Fully Threaded 85mm
	30-41509-090	30-21509-090	6.5mm Cancellous Screw, Fully Threaded 90mm
	30-41509-095	30-21509-095	6.5mm Cancellous Screw, Fully Threaded 95mm
	30-41509-100	30-21509-100	6.5mm Cancellous Screw, Fully Threaded 100mm

Description

Designed for use in cancellous bones with low density. 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

*Head diameter 8.0mm
Core diameter 3.2mm
Tread diameter 6.5mm
Hex size 3.5mm
Length 30-100mm*

Material

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



Screws

6.5mm Cancellous Screws, Partially Threaded

	Titanium	Stainless Steel	Description
Ref No	30-41510-030	30-21510-030	6.5mm Cancellous Screw, Partially Threaded 30mm
	30-41510-035	30-21510-035	6.5mm Cancellous Screw, Partially Threaded 35mm
	30-41510-040	30-21510-040	6.5mm Cancellous Screw, Partially Threaded 40mm
	30-41510-045	30-21510-045	6.5mm Cancellous Screw, Partially Threaded 45mm
	30-41510-050	30-21510-050	6.5mm Cancellous Screw, Partially Threaded 50mm
	30-41510-055	30-21510-055	6.5mm Cancellous Screw, Partially Threaded 55mm
	30-41510-060	30-21510-060	6.5mm Cancellous Screw, Partially Threaded 60mm
	30-41510-065	30-21510-065	6.5mm Cancellous Screw, Partially Threaded 65mm
	30-41510-070	30-21510-070	6.5mm Cancellous Screw, Partially Threaded 70mm
	30-41510-075	30-21510-075	6.5mm Cancellous Screw, Partially Threaded 75mm
	30-41510-080	30-21510-080	6.5mm Cancellous Screw, Partially Threaded 80mm
	30-41510-085	30-21510-085	6.5mm Cancellous Screw, Partially Threaded 85mm
	30-41510-090	30-21510-090	6.5mm Cancellous Screw, Partially Threaded 90mm
	30-41510-095	30-21510-095	6.5mm Cancellous Screw, Partially Threaded 95mm
	30-41510-100	30-21510-100	6.5mm Cancellous Screw, Partially Threaded 100mm
	30-41510-105	30-21510-105	6.5mm Cancellous Screw, Partially Threaded 105mm
	30-41510-110	30-21510-110	6.5mm Cancellous Screw, Partially Threaded 110mm

Description

Designed for use in cancellous bones with low density. Both the deep cut and the wide spaced thread facilitate the enhancement of the holding force of the screw in the cancellous bone.

Screw Section

*Head diameter 8.0mm
Core diameter 3.2mm
Tread diameter 6.5mm
Shaft diameter 4.5mm
Hex size 3.5mm
Length 30-110mm*

Material

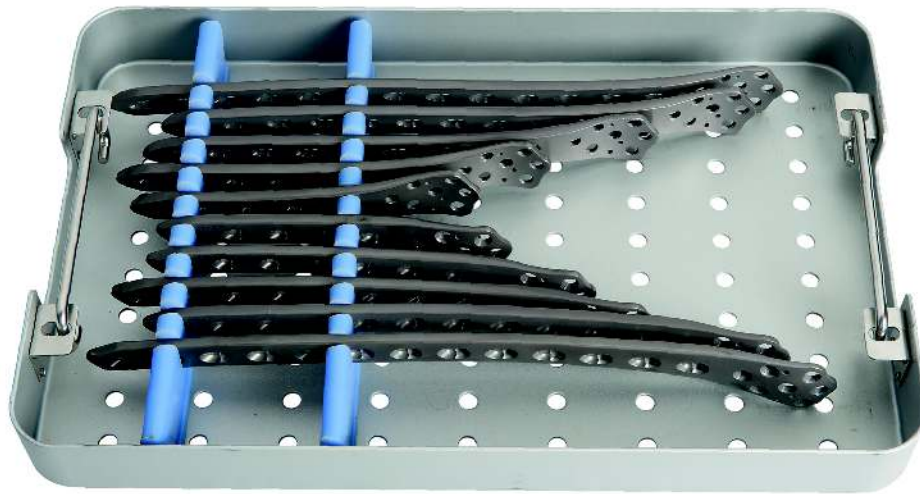
*Certified Medical Titanium Alloy ISO 5832-3
Certified Medical Stainless Steel ISO 5832-1*







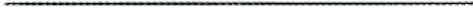
LARGE FRAGMENT LOCKING SYSTEM







Instruments



VA-58601503
Thread Guide Pin \varnothing 2.0 x 300



VA-58601505
Drill Sleeve \varnothing 4.2



VA-58601506
Drill Sleeve \varnothing 2.0



VA-58601055
Guide \varnothing 3.2/4.5



VA-58601056
Guide \varnothing 3.2/6.5



VA-58601057
DCP Guide



VA-58601508
Lifting Drill



VA-58601061
Depth Gauge



VA-58601062
Screw Holding Forceps



VA-58601063
Plate Bender (L)



VA-58601064
Plate Bender (R)



VA-58601509
Torque Screwdriver
SW3.5/4.0 NM

Instruments



VA-58601422
Drill Sleeve Wrench



VA-58601425
Stop Wrench SW 2.5



VA-58601052
ø 3.2 Drill Sleeve



VA-58601513
Cleaning Screwdriver SW 3.5



VA-58601085
Curved Reduction Forceps



VA-58601709
Dilator



VA-58601087
Reduction Forceps with Points



VA-58601082
ø 3.2 Drill Bit



VA-58601083
ø 4.5 Drill Bit



VA-58601079
Countersink Drill



VA-58601089
ø 4.5 Tap



VA-58601090
ø 6.5 Tap



VA-58601519
Hex Screwdriver SW 3.5



VA-58601046
T-Handle with Quick Coupling



VA-58601076
Hex Screwdriver SW 3.5



VA-58601521
Drill Bit \varnothing 4.2 x 280



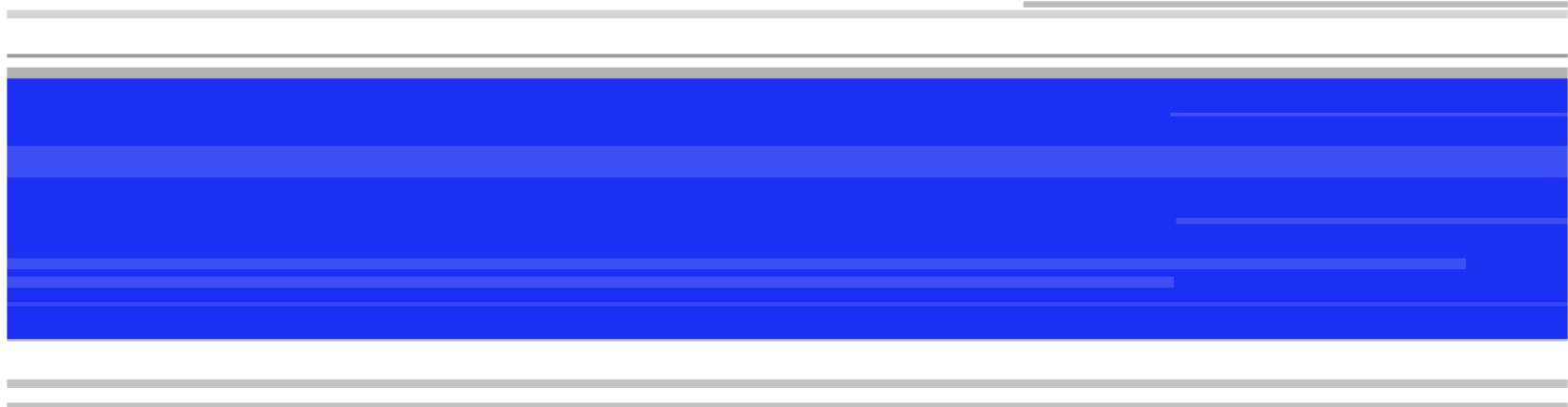
VA-58601525
Screw Extraction SW 3.5



VA-58601527
Broken Screw Extractor



VA-58601516
*Screwdriver with screw
Holding sleeve*



1 Kings Avenue, London N21 3 NA, UK
t: +44 (0) 208 3707764 f: +44 (0) 208 3707292
website: www.vadinimplants.com
e-mail: info@vadinimplants.com