DARCO® MRS™

Locked Plating System for Reconstructive Rearfoot Surgery

WRIGHT™

FOCUSED EXCELLENCE

DARCO® MRS™

Locked plating system for reconstructive rearfoot surgery

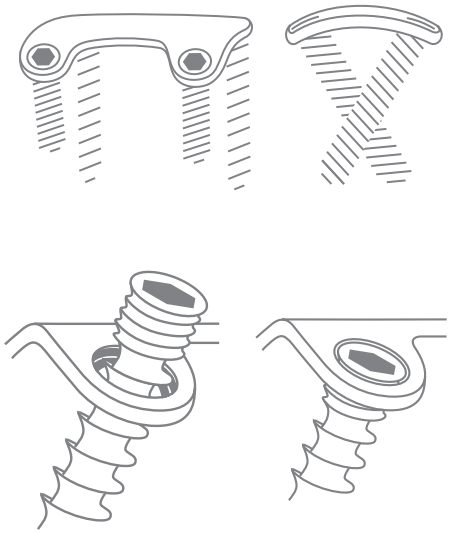


Figure 1

System Basics

The DARCO® MRS™ plating system for the rearfoot has been designed in close collaboration with internationally renowned surgeons to address the specific needs of reconstructive foot and ankle surgery. After many years of iterative research and development, the resulting product is highly refined for treatment of challenging rearfoot disorders.

All implants are manufactured to exacting standards from Titanium Alloy in our German facility. The system has been designed to take advantage of the many benefits of fixed-angle locked screw fixation.

Implant Design

All plates in the system are rhombic (parallelogram) in form, with converging pairs of 3.5mm screw holes. **(Figure 1)** Every screw hole in every plate may receive either a locked or a non-locked screw, at the surgeon's discretion. The holes are aligned to provide optimal screw purchase through screw convergence. The individual plate geometries vary to suit specific surgical indications.

Locked plating fixation is enabled through a rigid mechanical connection between screw and plate. In this system, the head of the screw has an external thread that matches the internal thread in the plate holes.

The following guidelines should be followed with locked plating systems:

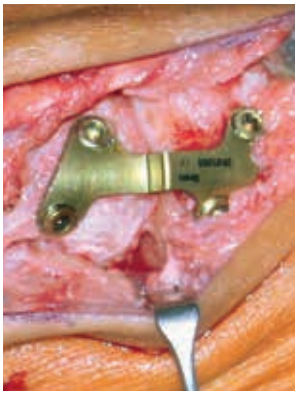
- The plates may be contoured to better fit anatomy. All contouring should be performed with the Locking Drill Guides threaded into the appropriate screw holes to prevent deformation of the holes. Plates should be bent in one direction only; do not "unbend" after initial contouring.
- Ensure that joint surfaces are properly debrided prior to application of the implants.
- Joints and osteotomies should be properly reduced and compressed prior to application of a locking plate. In particularly demanding applications, placement of an interfragmentary compression screw should be considered prior to placement of the locking plate.
- Locked screws are useful in a number of situations. Generally, they provide better fixation in soft bone and stiffen the overall fusion construct between plate and bone.
- Locked screws have a pre-defined trajectory. Locking drill guides should always be used to pre-drill locked screws to ensure that the screws mate properly with the plate.
- Care must be taken with plate positioning so that locked screws are not directed into adjacent functioning joints or other hardware. In this case, non-locked screws may be used to redirect around the offending joint or hardware.
- Locked screws maintain the relative positions of plate and bone; they cannot be used to "lag" the plate to the bone. If the plate must be brought into close apposition with underlying bone, a non-locked screw should be used.

LPS™

Step displacement plate for TMT fusions and Lapidus procedures

- Stable locked plate
- 1mm step increments

Designed for the unique challenges of Lapidus (1st TMT) and Lisfranc fusions. The step design permits plantarization and lateralization of the MT base.



0mm step

1mm step

2mm step

3mm step

4mm step

5mm step

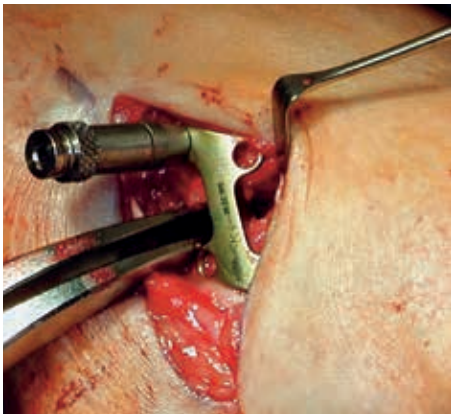
6mm step

PIA™

Plate for Evans lateral/column lengthening, rearfoot osteotomies and fusions

- Integrated spacers
- 2mm increments

Permits a controlled, incremental interposition for reconstructive fusions and osteotomies of the rearfoot.



no spacer

2mm spacer

4mm spacer

6mm spacer

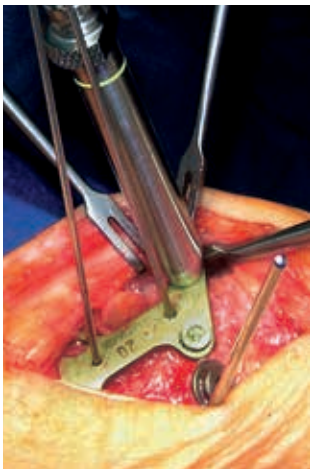
8mm spacer

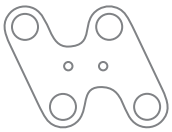
UPS™ 3.5

General purpose plating for a variety of midfoot and rearfoot procedures

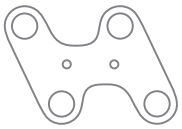
- Rigid, versatile system
- 5 lengths: 12, 16, 20, 24 and 30mm

Useful for isolated tarsal fusions such as CC, NC, and TN joints. Also useful for Evans lenthening procedures with interpositional bone grafts.

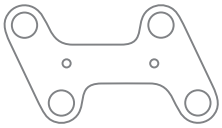




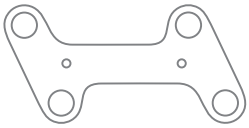
12mm



16mm



20mm



24mm

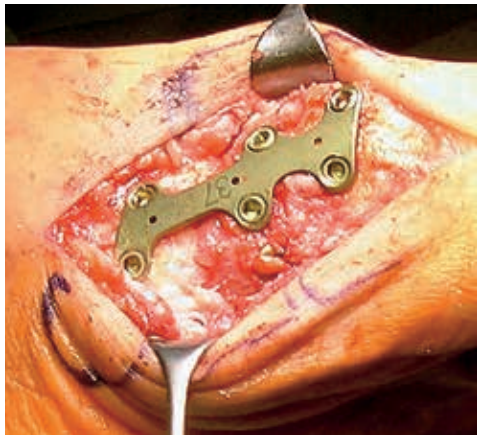
30mm

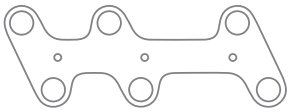
RPS™

Plating for complex rearfoot medial/lateral column reconstruction

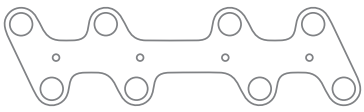
- 3 variations with 6, 8 and 14 holes
- Locked 3.5mm screws for optimal purchase in soft bone

May be used to stabilize the medial and lateral columns from talus to metatarsal in Charcot or Flatfoot reconstruction technique.





6 holes, 37mm



8 holes, 50mm

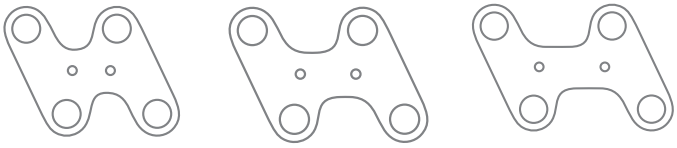
14 holes, 66mm

AFP™

Flat plate for isolated tarsal fusions

- 2mm thickness
- 3 lengths: 12, 14 and 16mm

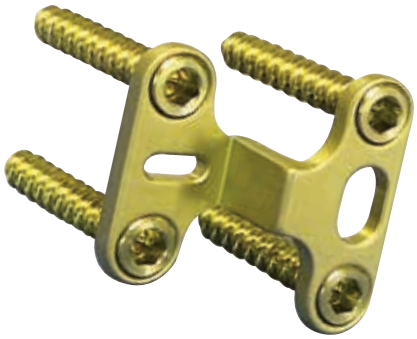
The nature of this design makes it suitable for subtalar, CC, Lisfranc and intercuneiform arthrodesis.



12mm 14mm 16mm

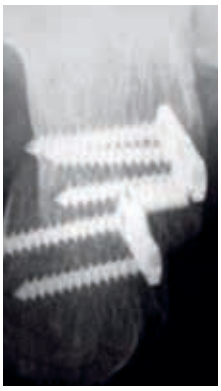
DPS™

Step plate for fixation of calcaneal displacement osteotomies



- 3 step variations: 6, 8 and 10mm

The step plate design allows well-controlled shift of the posterior fragment in displacement calcaneal osteotomies (MDO/ Medial Displacement Osteotomy). Osteotomy and fixation are performed through the same surgical incision.



6mm step 8mm step 10mm step

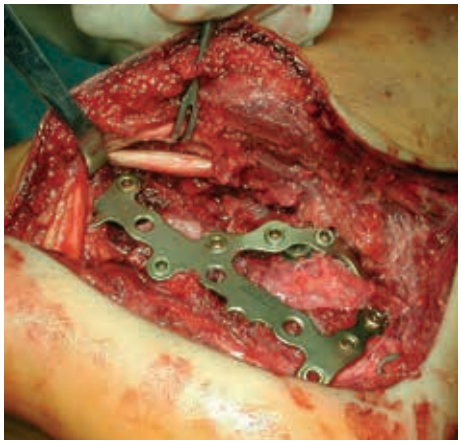
CPS™

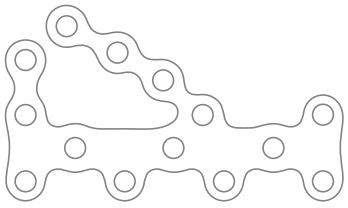
Low profile, locked plate for the calcaneous

- Only 1.5mm thick, with locked screws
- Easily contoured
- Universal sizing (fits either left or right)
- 3 sizes: S, M and L

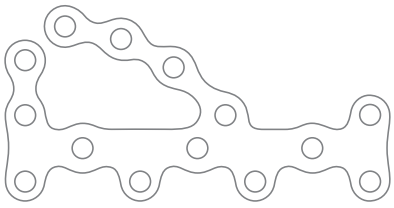
The flexibility of this plate allows it to be easily contoured to the bony surface. It is uniquely designed to offer locked-screw technology while maintaining a low, smooth profile.

The large plate permits fixation of the CC joint for fractures with articular extension.

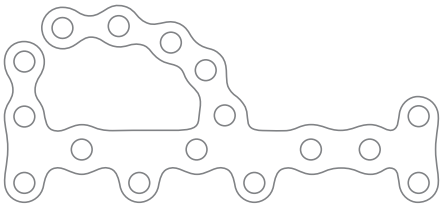




S: 54mm



M: 64mm



L: 74mm

Ordering Information

Kit List

Part No.	Description	Quantity
DMRSKITA	Implant Kit	
DMRSKIT1	Instrument Kit	
Locked Screws		
DC 2820-014	14mm x 3.5mm	5
DC 2820-016	16mm x 3.5mm	5
DC 2820-018	18mm x 3.5mm	5
DC 2820-020	20mm x 3.5mm	5
DC 2820-022	22mm x 3.5mm	5
DC 2820-024	24mm x 3.5mm	5
DC 2820-026	26mm x 3.5mm	5
DC 2820-028	28mm x 3.5mm	5
DC 2820-030	30mm x 3.5mm	5
DC 2820-035	35mm x 3.5mm	5
DC 2820-040	40mm x 3.5mm	5
Non-Locked Screws		
DC 2820-114	14mm x 3.5mm	2
DC 2820-116	16mm x 3.5mm	2
DC 2820-118	18mm x 3.5mm	2
DC 2820-120	20mm x 3.5mm	2
DC 2820-122	22mm x 3.5mm	2
DC 2820-124	24mm x 3.5mm	2
DC 2820-126	26mm x 3.5mm	2
DC 2820-128	28mm x 3.5mm	2
DC 2820-130	30mm x 3.5mm	2
DC 2820-135	35mm x 3.5mm	2
DC 2820-140	40mm x 3.5mm	2
Instruments and accessories		
DC 35 Box	System tray assembly	1
DC 70-481	Bending forceps	1
DC 4157	Bending iron	1
DC 4169	Drill guide	2
DC 4263-2	Depth gauge	1
DC 4197	Forceps	1
DC 4261	Screwdriver, hexagonal, cannulated	1
DC 5136	Drill bit, 2.5mm	2
DC 5620	Cannulated drill bit 2.5mm	1
NO 2228-012	K-wire 140 × 1.1mm	6
DC 4584	Screw holding and bending iron	1

Part No.	Description	Placement in Trays

LPS™ Plating System for TMT and Lapidus Fusions

DC 2801-000	0mm step
DC 2801-001	1mm step
DC 2801-002	2mm step
DC 2801-003	3mm step
DC 2801-004	4mm step
DC 2801-005	5mm step
DC 2801-006	6mm step

0	1	2
3	4	5
6		

PIA™ Evans Lateral/Column Lengthening Plate

DC 2802-000	0mm spacer
DC 2802-002	2mm spacer
DC 2802-004	4mm spacer
DC 2802-006	6mm spacer
DC 2802-008	8mm spacer

0	2	4
6	8	

UPS™ 3.5 General Purpose Plate

DC 2801-012	12mm
DC 2801-016	16mm
DC 2801-020	20mm
DC 2801-024	24mm
DC 2801-030	30mm

12	16	20
24	30	

RPS™ Rearfoot Medial/Lateral Column Reconstruction Plate

DC 2803-006	37mm, 6 holes
DC 2803-008	50mm, 8 holes
DC 2803-014	66mm, 14 holes

66	37
50	

AFP™ Tarsal Fusion Plate

DC 2804-004	12mm
DC 2804-005	14mm
DC 2804-006	16mm

12	14	16

DPS™ Fixation Step Plate

DC 2806-106	6mm step
DC 2806-108	8mm step
DC 2806-110	10mm step

6	8	10

CPS™ Calcaneous Plate

DC 2805-001	S: 54mm
DC 2805-002	M: 64mm
DC 2805-003	L: 74mm

L	S
M	

WRIGHT™
FOCUSED EXCELLENCE

Wright Medical Technology, Inc.
1023 Cherry Road
Memphis, TN 38117
800 238 7117
901 867 9971
www.wmt.com

Wright Medical EMEA
Atlas Arena, Australia Building
Hoogoorddreef 7
1101 BA Amsterdam
the Netherlands
011 31 20 565 9060

Wright Medical UK Ltd.
Unit 1, Campus Five
Letchworth Garden City
Hertfordshire SG6 2JF
United Kingdom
011 44 (0)845 833 4435

™Trademarks and ®Registered marks of Wright Medical Technology, Inc.
©2014 Wright Medical Technology, Inc. All Rights Reserved.

011137A 16-Oct-2014