

Signex

Foot Plating System



INTRODUCTION

Overview

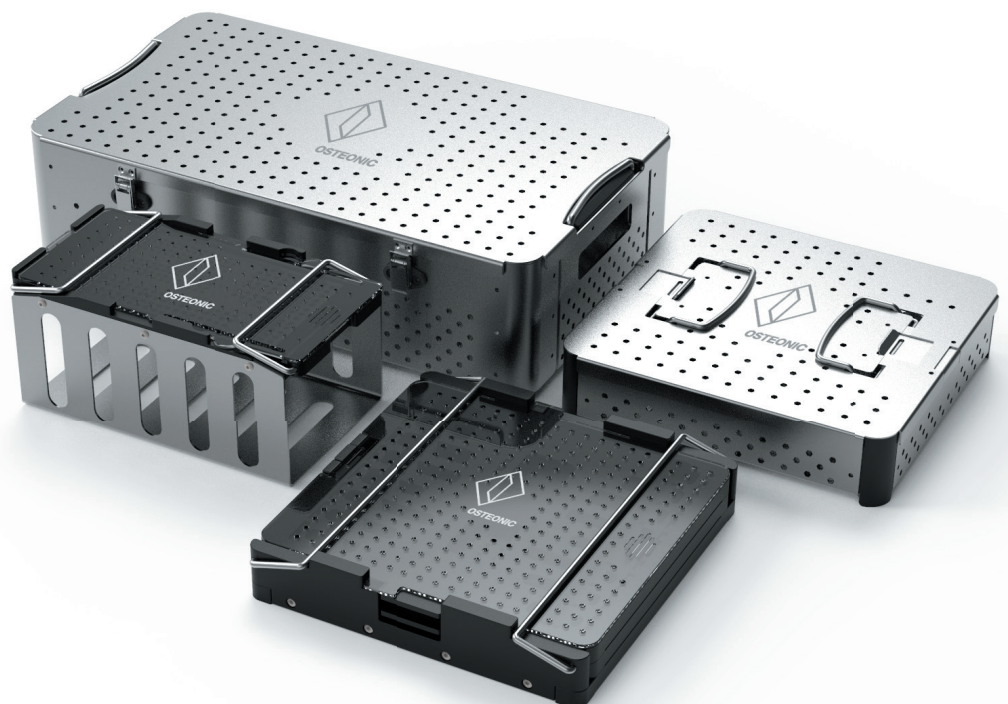
Various clinical challenges surgeons are facing these days in foot surgeries require solutions that can only be solved with innovative product. Osteonic proudly meets these high demands, thanks to its cutting-edge development and manufacturing power coming from its key personnel with in-depth knowledge and experiences.

- ▶ Four head sizes accommodate patient anatomical condition.
- ▶ All plate holes are compatibly matched with conical and locking screw.
- ▶ Plates are made of the most biocompatible material of pure titanium.
- ▶ Color-coding of plate&screw secures easy identification.
- ▶ Rounded edges on plates decrease soft tissue irritation.
- ▶ Anatomically pre-contoured plate and screw provide multidirectional angular stability on variety case of fracture.

INTENDED USE AND VARIETY OF INDICATION

Signex Foot System is the most optimized for covering the followings.

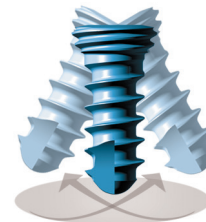
- ▶ Fracture of Fore/Mid/Hind foot
- ▶ Arthrodeses and Osteotomies
- ▶ Osteotomy for Hallux Valgus and flatfoot



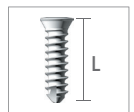
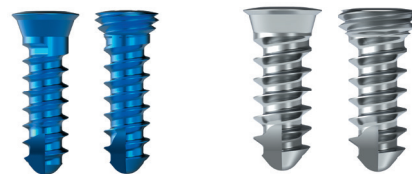
Features

Screw system

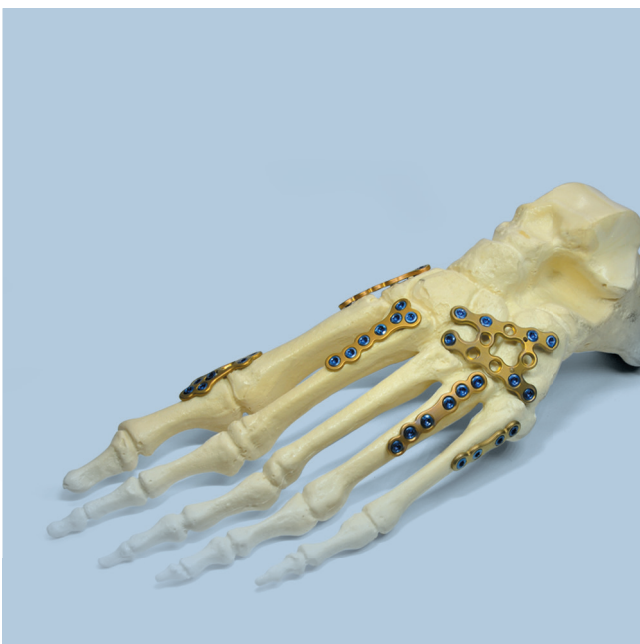
- ▶ Innovative screw design allows for low insertion torque.
- ▶ Self-retaining screws/blades that minimize “coming out”.
- ▶ Well secure connection between screw and driver shaft.
- ▶ Color coded screws helps easy identification.
- ▶ Star shaped head design secure stable insertion with enough strength.
- ▶ Locked in variable angulation of Max. 30°.



Variable angle of $\pm 15^\circ$



System	Screw	
	Dia	Color
Φ2.8 System	2.8 Conical	Blue
	2.8 Locking	Blue
Calcaneus System	3.5 Conical	Silver
	3.5 Locking	Silver



Dia. Type/ Length	Fore/Mid Foot		Hind Foot	
	Ø2.8	Ø2.8	Ø3.5	Ø3.5
	1.3 / 1.6t Plate		Calcaneus	
	Conical	Locking	Conical	Locking
10mm	C5.28100	C6.28100	C5.35100	C6.35100
12mm	C5.28120	C6.28120	C5.35120	C6.35120
14mm	C5.28140	C6.28140	C5.35140	C6.35140
16mm	C5.28160	C6.28160	C5.35160	C6.35160
18mm	C5.28180	C6.28180	C5.35180	C6.35180
20mm	C5.28200	C6.28200	C5.35200	C6.35200
22mm	C5.28220	C6.28220	C5.35220	C6.35220
24mm	C5.28240	C6.28240	C5.35240	C6.35240
26mm	C5.28260	C6.28260	C5.35260	C6.35260
28mm	C5.28280	C6.28280	C5.35280	C6.35280
30mm	C5.28300	C6.28300	C5.35300	C6.35300
32mm	C5.28320	C6.28320	C5.35320	C6.35320
34mm	C5.28340	C6.28340	C5.35340	C6.35340
36mm	C5.28360	C6.28360	C5.35360	C6.35360
38mm	C5.28380	C6.28380	C5.35380	C6.35380
40mm	C5.28400	C6.28400	C5.35400	C6.35400
45mm	C5.28450	C6.28450	C5.35450	C6.35450
50mm			C5.35500	C6.35500
55mm			C5.35550	C6.35550
60mm			C5.35600	C6.35600









Features

Plate system

- ▶ Anatomically pre-contoured plate save the surgeon time and easy intraoperative application.
- ▶ All plate holes are compatible matched with conical and locking screw.
- ▶ Plates are made of the most biocompatible material of pure titanium.
- ▶ Rounded edges on plates decrease soft tissue irritation.

Ø2.8 Forefoot / Midfoot Plate Scale 70/100

1.3t / Ø2.8 Plate

Shape	Description	Item Code	Spec Hole	Length
	Straight Plate	C1A.13270	4	28.2
		C1A.13380	6	39.2
		C1A.13490	8	50.2
	T Plate	C1B.13320	3x4	33.2
		C1B.13430	3x6	44.2
	Grid Plate	C1C.13230	7	24.2
		C1C.13300	8	31.2
		C1C.13370	9	38.2

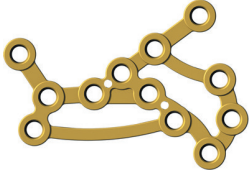
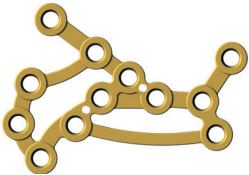
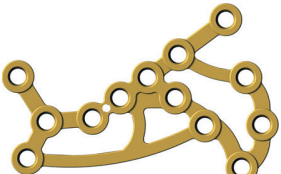
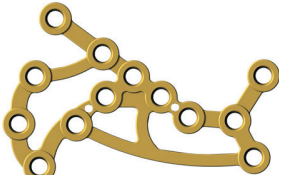
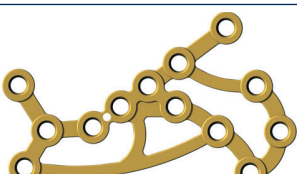
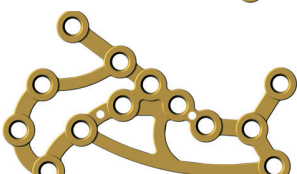

1.6t / Ø2.8 Plate









Shape	Description	Item Code	Spec Hole	Length
	Straight Plate	C1A.16280	4	29.2
		C1A.16400	6	41.2
		C1A.16520	8	53.2
	T Plate	C1B.16350	3x4	36.2
		C1B.16470	3x6	48.2
	Grid Plate	C1C.16250	7	26.2
		C1C.16320	8	33.2
		C1C.16430	9	44.2
	Wing Plate	C1D.16340	11	34.5
		C1D.16390	12	39.5

Ø3.5 Calcaneus Plate

Scale 50/100

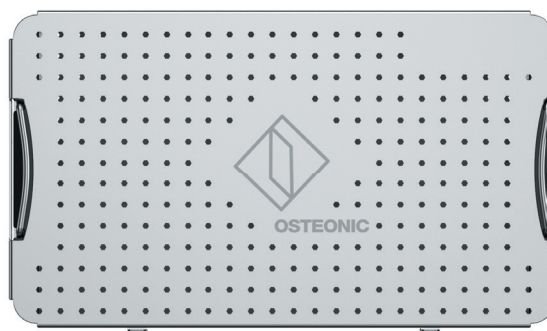
1.3t, 1.6t / Ø3.5 Plate

Shape	Item Code	Spec		Thickness
		Hole	Length	
	C2A.13010	12	56	1.3
	C2A.16010	12	56	1.6
	C2A.13020	12	56	1.3
	C2A.16020	12	56	1.6
	C2A.13030	13	66	1.3
	C2A.16030	13	66	1.6
	C2A.13040	13	66	1.3
	C2A.16040	13	66	1.6
	C2A.13050	13	71	1.3
	C2A.16050	13	71	1.6
	C2A.13060	13	71	1.3
	C2A.16060	13	71	1.6
	C2B.13010	7	52	1.3
	C2B.13020	7	52	1.3

Shape	Item Code	Spec		Thickness
		Hole	Length	
	C2B.13030	8	56	1.3
	C2B.13040	8	56	1.3
	C2B.13050	8	61	1.3
	C2B.13060	8	61	1.3
	C2B.13070	9	71	1.3
	C2B.13080	9	71	1.3
	C2C.13010	5	39	1.3
	C2C.13020	5	39	1.3
	C2C.13030	5	45	1.3
	C2C.13040	5	45	1.3

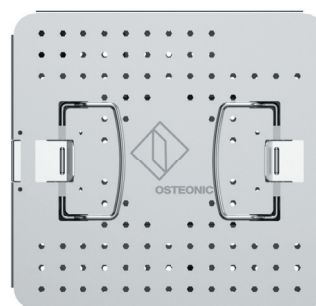
Item	Item Code
Tray	
Tray Case	Z1C.50010
Instrument Tray	Z1C.03010
Plate Tray	Z1C.01010
Screw Tray	Z1C.02010
I-Handle	
	C8P01010
Drill Guide	
Drill Guide Ø2.8/2.8 Compression	C8P02010
Drill Guide Ø3.5	C8P02030
Forcep	
	IOC-031
Bending Iron	
	C8P07020
Depth Gauge	
Ø2.8/3.5 Screw	Y1G.35050
Hand Driver Shaft	
	B1P2301
Screw Driver Shaft	
	C8P22030
Drill Bit	
Ø2.8 Screw(Ø2.3 / 110mm)	C8P31200
Ø3.5 Screw(Ø2.8 / 125mm)	C8P31230
Drill Sleeve	
Ø2.8 Screw	C8P04020
Ø3.5 Screw	C8P04030
Variable angle Sleeve	
	C8P04040

Tray Case



Z1C.50010

Instrument Tray



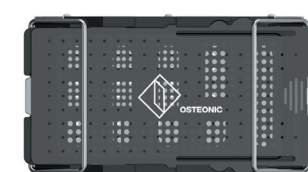
Z1C.03010

Plate Tray



Z1C.01010

Screw Tray



Z1C.02010



INSTRUMENT

I-Handle



C8P01010

Drill Guide



C8P02010
Drill Guide Ø2.8/2.8 Compression



C8P02030
Drill Guide Ø3.5

Forcep



IOC-031

Bending Iron



C8P07020

Depth Gauge



Y1G.35050
Ø2.8/3.5 Screw Depth Gauge(Scale up to 60mm)

Hand Driver Shaft



B1P2301
Ø2.8 Screw

Screw Driver Shaft



C8P22030
Ø3.5 Screw(75mm)

Drill Bit



C8P31200
Ø2.8 Screw(Ø2.3 / 110mm)



C8P31230
Ø3.5 Screw(Ø2.8 / 125mm)

Drill Sleeve



C8P04020
Ø2.8 Screw



C8P04030
Ø3.5 Screw

Variable angle Sleeve



C8P04040
Ø2.8 Screw



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