

QUANTUM SYSTEM



Quantum

Foot Plating System



OSTEONIC

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 cortical 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

Quantum 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



Screws 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 ± 15°

System	Screw		System	Screw	
	Dia	Color		Dia	Color
Φ2.0/ 2.3 System	2.0 Non-Locking		Φ2.8 System	2.8 Non-Locking	
	2.0 Locking			2.8 Locking	
	2.3 Non-Locking		Calcaneus System	3.5 Non-Locking	
	2.3 Locking			3.5 Locking	



Dia. Type/ Length	Fore/Mid Foot						Hind Foot	
	Ø2.0		Ø2.3		Ø2.8		Ø3.5	Ø3.5
	1.3t Plate						Calcaneus	
	Non-Locking	Locking	Non-Locking	Locking	Non-Locking	Locking	Non-Locking	Locking
6mm	C5.20060	C6.20060	C5.23060	C6.23060				
7mm	C5.20070	C6.20070	C5.23070	C6.23070				
8mm	C5.20080	C6.20080	C5.23080	C6.23080	C5.28080	C6.28080		
9mm	C5.20090	C6.20090	C5.23090	C6.23090	C5.28090	C6.28090		
10mm	C5.20100	C6.20100	C5.23100	C6.23100	C5.28100	C6.28100	C5.35100	C6.35100
11mm	C5.20110	C6.20110	C5.23110	C6.23110	C5.28110	C6.28110	C5.35110	C6.35110
12mm	C5.20120	C6.20120	C5.23120	C6.23120	C5.28120	C6.28120	C5.35120	C6.35120
13mm	C5.20130	C6.20130	C5.23130	C6.23130	C5.28130	C6.28130	C5.35130	C6.35130
14mm	C5.20140	C6.20140	C5.23140	C6.23140	C5.28140	C6.28140	C5.35140	C6.35140
15mm	C5.20150	C6.20150	C5.23150	C6.23150	C5.28150	C6.28150	C5.35150	C6.35150
16mm	C5.20160	C6.20160	C5.23160	C6.23160	C5.28160	C6.28160	C5.35160	C6.35160
17mm	C5.20170	C6.20170	C5.23170	C6.23170	C5.28170	C6.28170	C5.35170	C6.35170
18mm	C5.20180	C6.20180	C5.23180	C6.23180	C5.28180	C6.28180	C5.35180	C6.35180
19mm	C5.20190	C6.20190	C5.23190	C6.23190	C5.28190	C6.28190	C5.35190	C6.35190
20mm	C5.20200	C6.20200	C5.23200	C6.23200	C5.28200	C6.28200	C5.35200	C6.35200
22mm	C5.20220	C6.20220	C5.23220	C6.23220	C5.28220	C6.28220	C5.35220	C6.35220
24mm	C5.20240	C6.20240	C5.23240	C6.23240	C5.28240	C6.28240	C5.35240	C6.35240
26mm	C5.20260	C6.20260	C5.23260	C6.23260	C5.28260	C6.28260	C5.35260	C6.35260
28mm	C5.20280	C6.20280	C5.23280	C6.23280	C5.28280	C6.28280	C5.35350	C6.35350
30mm	C5.20300	C6.20300	C5.23300	C6.23300	C5.28300	C6.28300	C5.35300	C6.35300
32mm			C5.23320	C6.23320	C5.28320	C6.28320	C5.35320	C6.35320
34mm			C5.23340	C6.23340	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

Plate system

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

Forefoot / Midfoot Plate

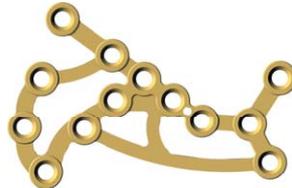
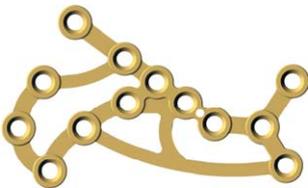
Scale 70/100

Type	Hole	Length	Thickness		
			Ø2.0 / 2.3 (1.3t)	Ø2.8 (1.6t)	
Straight Plate	4	27	C1A.13270	X	
	6	38	C1A.13380	X	
	8	49	C1A.13490	X	
	4	28	X	C1A.16280	
	6	40	X	C1A.16400	
	8	52	X	C1A.16520	
T Plate	3x4	32	C1B.13320	X	
	3x6	43	C1B.13430	X	
	3x4	35	X	C1B.16350	
	3x6	47	X	C1B.16470	
Grid Plate	7	23	C1C.13230	X	
	8	30	C1C.13300	X	
	9	37	C1C.13370	X	
	7	25		C1C.16250	
	8	32		C1C.16320	
	9	43		C1C.16430	

Type	Hole	Length	Thickness		
			Ø2.0 / 2.3 (1.3t)	Ø2.8 (1.6t)	
Wing Plate	11	34			
	12	39			

Calcaneus Plate

Scale 50/100

Type	Hole	Length	Thickness			
			Ø3.5 (1.3t Left)	Ø3.5 (1.3t Right)		
Calcaneus Plate	12	56	C2A.20010	C2A.20020		
	13	66	C2A.20030	C2A.20040		
	13	71	C2A.20050	C2A.20060		

All in One Tray

C9Q.01010



I-Handle

C8P.01010



Drill Guide



Forcep

C8P.03010



Bending Iron

C8P.07020



Depth Gauge

For 2.0 / 2.3



C8P.05010

For 2.8



C8P.05020

For 3.5



C8P.05030

Hand Driver & Screw

For 2.0 / 2.3



C8P.21010

For 2.8



C8P.21020

Screw Driver Shaft

For 3.5



C8P.22030

Drill Bit

For 2.0



C8P.31140

For 2.3



C8P.31160

For 2.8



C8P.31200

For 3.5



C8P.31230



OSTEONIC Co., Ltd.

1206Ho, 38, Digital-ro 29-gil, Guro-gu, Seoul, Korea P.O. #152-779
TEL: +822 6902 8400 FAX: +822 6902 8401 www.osteonic.com