

Quantum

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 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  $\pm 15^\circ$

System	Screw	
	Dia	Color
Φ2.8 System	2.8 Non-Locking	
	2.8 Locking	
Calcaneus System	3.5 Non-Locking	
	3.5 Locking	



Dia. Type/ Length	Fore/Mid Foot		Hind Foot	
	Ø2.8	Ø2.8	Ø3.5	Ø3.5
	1.3 / 1.6t Plate		Calcaneus	
	Cortical	Locking	Cortical	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		
34mm	C5.28340	C6.28340	C5.35340	C6.35340
36mm	C5.28360	C6.28360		
38mm	C5.28380	C6.28380	C5.35380	C6.35380
40mm	C5.28400	C6.28400		
45mm	C5.28450	C6.28450	C5.35450	C6.35450
50mm			C5.35500	C6.35500
55mm			C5.35550	C6.35550
60mm			C5.35600	C6.35600

















# SYSTEM



## 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		
			Ø2.8		
			1.3t	1.6t	
Straight Plate	4	28.2	C1A.13270	X	
	6	39.2	C1A.13380	X	
	8	50.2	C1A.13490	X	
	4	29.2	X	C1A.16280	
	6	41.2	X	C1A.16400	
	8	53.2	X	C1A.16520	
T Plate	3x4	33.2	C1B.13320	X	
	3x6	44.2	C1B.13430	X	
	3x4	36.2	X	C1B.16350	
	3x6	48.2	X	C1B.16470	
Grid Plate	7	24.2	C1C.13230	X	
	8	31.2	C1C.13300	X	
	9	38.2	C1C.13370	X	
	7	26.2	X	C1C.16250	
	8	33.2	X	C1C.16320	
	9	44.2	X	C1C.16430	

Type	Hole	Length	Thickness		
			Ø2.8		
			1.3t	1.6t	
Wing Plate	11	34.5	X	C1D.16340	
	12	39.5	X	C1D.16390	

## Calcaneus Plate

Scale 50/100

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

# INSTRUMENT

## All in One Tray

C9Q.01010



## I-Handle

C8P.01010



## Drill Guide

Drill Guide Ø2.8/2.8 Compression



C8P.02010

Drill Guide Ø3.5



C8P.02030

## Forcep

IOC-031



## Bending Iron

C8P.07020



## Depth Gauge

Ø2.8 Screw



Y1G.10010

Ø3.5 Screw



Y1G.10020

## Hand Driver Shaft

Ø2.8 Screw



B1P.2301

## Screw Driver Shaft

Ø3.5 Screw



C8P.22030

## Drill Bit

Ø2.8 Screw(Ø2.3 / 110mm)



C8P.31200

Ø3.5 Screw(Ø2.8 / 125mm)



C8P.31230

## Drill Sleeve

Ø2.8 Screw



C8P.04020

Ø3.5 Screw



C8P.04030



**OSTEONIC Co., Ltd.**

1206Ho, 38, Digital-ro 29-gil, Guro-gu, Seoul, Korea P.O. #08381

TEL: +822 6902 8400 FAX: +822 6902 8401 [www.osteonic.com](http://www.osteonic.com)

QF - E - 1607