

Quantum

Hand Plating System

















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## Overview

### Optimized Yet Fully Equipped.

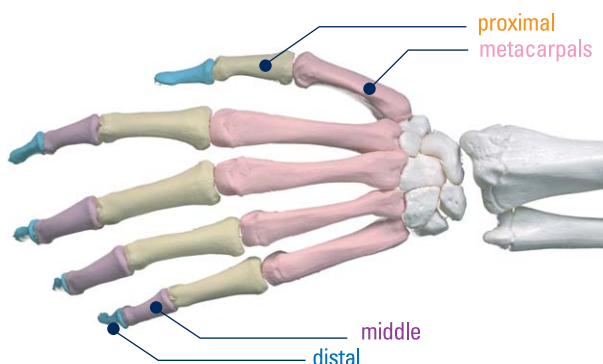
The Quantum Hand Plating System offers a wide range of anatomical & adoptable plates with 2 systems including 1.3/ 1.5 and 2.0 / 2.3system, which can be combined for maximum results.

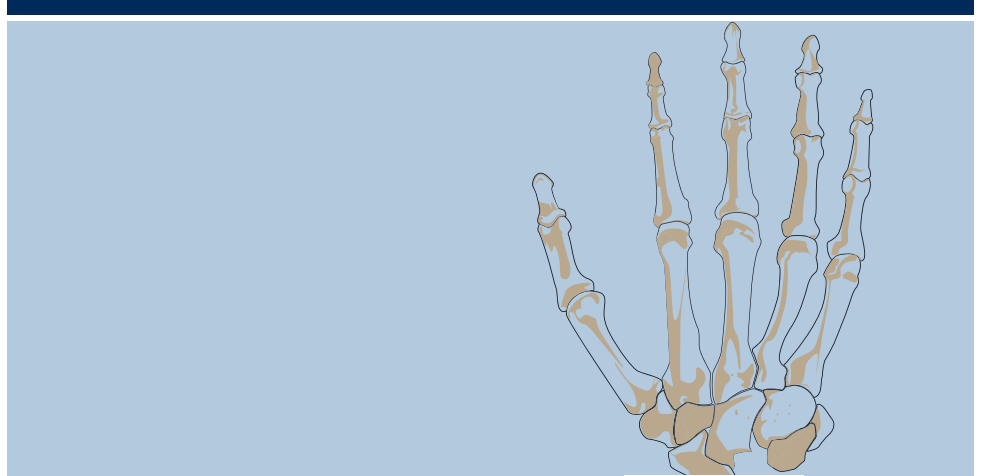
System	Screw		Plate	
	Dia	Color	Thickness & Type	
1.3/1.5 System	Φ1.3 Cortical		0.6t Standard 	
	Φ1.5 Cortical		0.8t Locking 	
	Φ1.5 Locking			
	Φ1.8 E/M			
2.0/2.3 System	Φ2.0 Locking		X	
	Φ2.0 Cortical		1.0t Locking 	1.3t Compression 
	Φ2.3 Cortical		1.3t Locking 	
	Φ2.3 Locking		X	
	Φ2.5 E/M			

### Care for All Types of Applications with Our Quantum Hand Plating System.

The Quantum hand plating system is the most optimized for covering the followings.

- ▶ Fixation of small fragments; distal and middle phalanges.
- ▶ Fractures and osteotomies of the phalanges and metacarpals.
- ▶ Fractures of the phalanges, metacarpals and wrist bones.
- ▶ Fractures of metacarpals, wrist bones and distal radius.





## User-Oriented System

The Quantum Hand Plating System is comprised of plates, screws and instruments for the fixation of hand fractures and osteotomies. It is a simple yet comprehensive system that provides our valued customers with flexibility and ease of use. Below are some of the major features in our system.

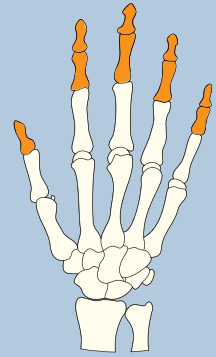
- ▶ Plates and screws are made of biocompatible pure titanium and Ti-Alloy.
- ▶ All screws are compatible and work with plates within each system.
- ▶ Self – retaining screws/blades that minimize “coming out”.
- ▶ Innovative screw design allows for low insertion torque.
- ▶ Color-coding of implants(plate&screw) secures easy identification.
- ▶ Pre-contoured plates save time for an intra-operative adjustment.
- ▶ Rounded edges on plates decrease soft tissue irritation.
- ▶ Standardized instrumentation secures ease of use.



# SYSTEM

## 1.3/1.5 System

1.3/1.5 system is intended for distal and middle phalange



### Screw system

- ▶ Low insertion torque and high pull-out torque
- ▶ Maximized screw-blade retention
- ▶ Available in various sizes

Dia. Length	1.3(Cortical)	1.5(Cortical)	1.5(Locking)	1.8(Emer)
5mm	A5.13050			
6mm	A5.13060	A5.15060	A6.15060	A5.18060
7mm	A5.13070	A5.15070	A6.15070	
8mm	A5.13080	A5.15080	A6.15080	A5.18080
9mm		A5.15090	A6.15090	
10mm	A5.13100	A5.15100	A6.15100	A5.18100
12mm	A5.13120	A5.15120	A6.15120	A5.18120
14mm		A5.15140	A6.15140	
16mm		A5.15160	A6.15160	
18mm		A5.15180	A6.15180	



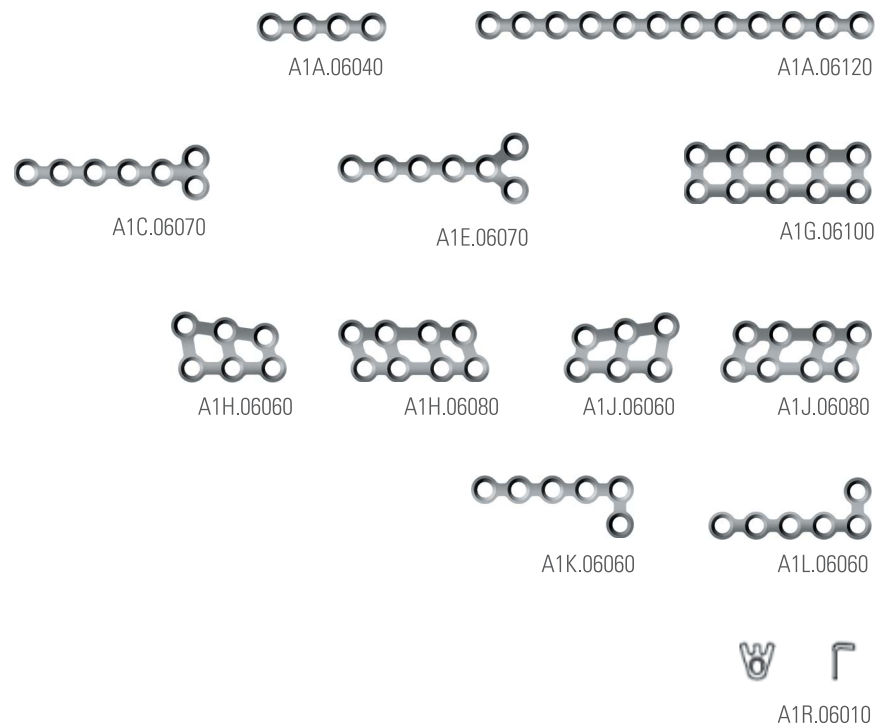
### Plate system

- ▶ Compatible with all screws in the same system.
- ▶ For the most appropriate selection, a wide variety of locking and non-locking plates are readily available.
- ▶ Color coding by thickness helps easy identification.

#### 1.3 Standard Plate

0.6t

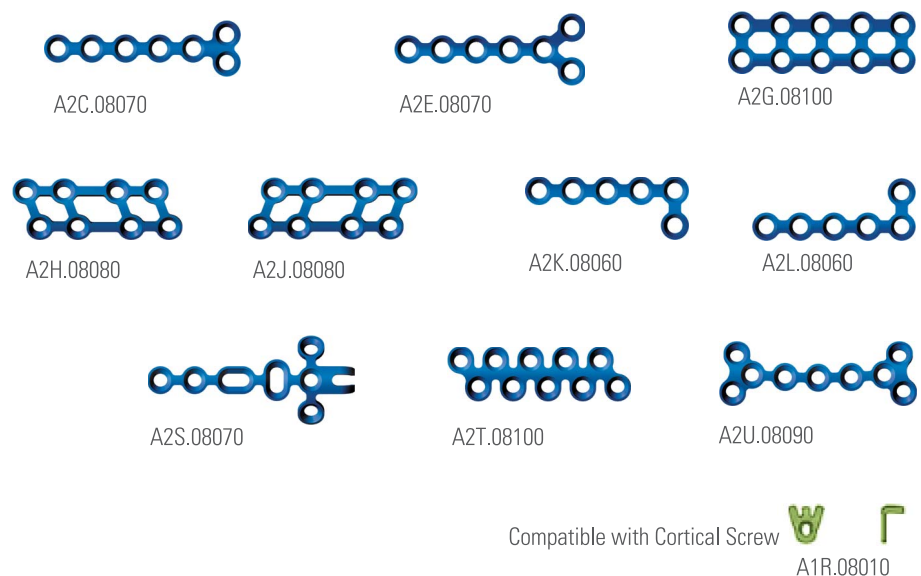
Scale 1:1



#### 1.5 Locking Plate(Compatible with Cortical/Locking Screw)

0.8t

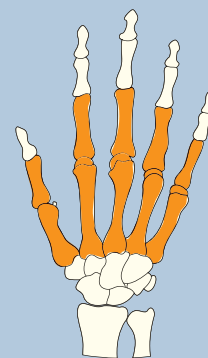
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# SYSTEM

## 2.0/2.3 System

2.0/2.3 system is intended for proximal phalanges or Metacarpals



### Screws system

- ▶ Low insertion torque and high pull-out torque
- ▶ Maximized screw-blade retention
- ▶ Available in various sizes

Dia. Length	2.0(Cortical)	2.0(Locking)	2.3(Cortical)	2.3(Locking)	2.5(Emer)
6mm	A5.20060	A6.20060	A5.23060	A6.23060	A5.25060
7mm	A5.20070	A6.20070	A5.23070	A6.23070	
8mm	A5.20080	A6.20080	A5.23080	A6.23080	A5.25080
9mm	A5.20090	A6.20090	A5.23090	A6.23090	
10mm	A5.20100	A6.20100	A5.23100	A6.23100	A5.25100
12mm	A5.20120	A6.20120	A5.23120	A6.23120	A5.25120
14mm	A5.20140	A6.20140	A5.23140	A6.23140	A5.25140
16mm	A5.20160	A6.20160	A5.23160	A6.23160	
18mm	A5.20180	A6.20180	A5.23180	A6.23180	
20mm	A5.20200	A6.20200	A5.23200	A6.23200	



### Plate system

- ▶ Compatible with all screws in the same system.
- ▶ For the most appropriate selection, a wide variety of locking and non-locking plates are readily available.
- ▶ Color coding by thickness helps easy identification.

### 2.0 / 2.3 Locking Plate

1.0t

1.3t

Scale 1:1



A2A.10050



A2A.10080



A2B.10080



A2C.10050



A2C.10070



A2D.10090



A2D.10070



A2G.10060



A2H.10060



A2J.10060



A2K.10060



A2L.10060



A2S.10070



A2T.10100



A2U.10090



A2A.13050



A2C.13100



A2M.13100



A2N.13100



A2G.13060



A2H.13060



A2J.13060



A2M.13060



A2N.13060



A2S.13070



A2T.13100



A2U.13090

### 2.0 / 2.3 Compression Plate

1.3t

Scale 1:1



A3A.13080



A3C.13100



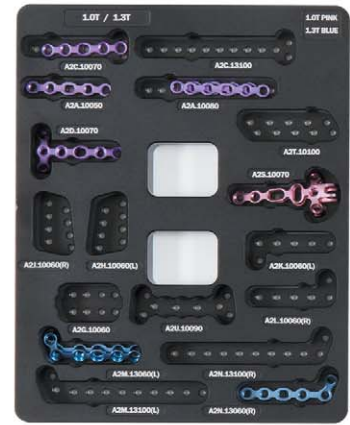
A3M.13100



A3N.13100

## All in One Tray

A9.0101





## Hand Driver & Shaft

Φ1.3 / 1.5 screw



A8.0102

Φ2.0 / 2.3 screw



A8.0103

## Hand Drill Bit

Φ1.3 screw(Φ1.0 / 80mm)



A8.2301

Φ1.5 screw(Φ1.1 / 85mm)



A8.2302

Φ2.0 / Φ2.3 screw(Φ1.6 / 95mm)



A8.2304

## Drill Guide

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Drill Guide 1.3/1.5



A8.0201

Drill Guide 2.0/2.3  
Drill Guide 2.0/2.3 Compression



A8.0202

## Drill Sleeve

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Φ1.5



A8.0901

Φ2.0 / Φ2.3



A8.0902

## Depth Gauge

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Depth Gauge 1.3/1.5



IOC-100

Depth Gauge 2.0/2.3



IOC-110

## Forcep

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IOC-031





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