



**Signex**  
Wrist Plating System



**OSTEONIC**  
The Medical Explorer



# INTRODUCTION

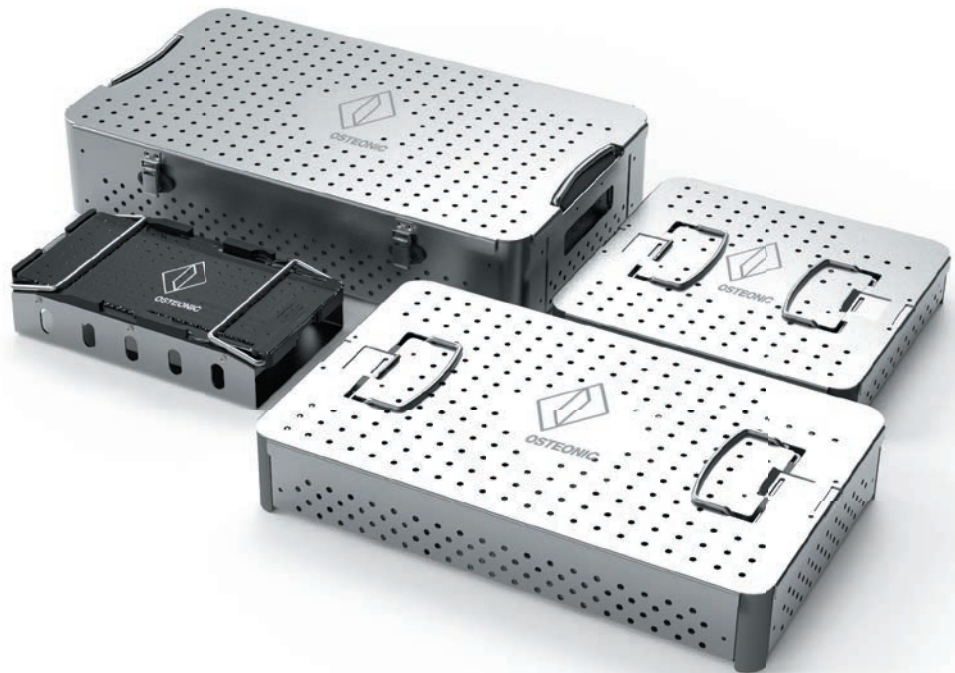
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## Overview

The most frequent fractures surgeons are facing these days are radius fractures. And for those fractures, high technology adopted variable angle distal radius plates are frequently used.

Thanks to its cutting-edge development and manufacturing power, Osteonic proudly meets all the demands from markets with Signex Distal Radius Plating System.

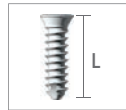
- ▶ Three head sizes accommodate patient anatomical condition
- ▶ Anatomically contoured plates meet both simple and multi fractures
- ▶ Variable angle locking holes in the head of the plate provide a locked construct to support the articular surface and reduce the need for bone graft.
- ▶ Plates are made of the most biocompatible material of pure titanium
- ▶ Variable angle locking screws can be multidirectionally angled upto 30 degree.
- ▶ Variable angle locking screws can be used several times.
- ▶ 3 head types can be easily classified by color



## Features

### Screw system

- ▶ Variable angle locking screws can be multidirectionally angled up to 30 degree.
- ▶ Variable angle locking screws can be used several times.
- ▶ Color coded screws help its identification easily
- ▶ Star shaped head design secures the stable insertion with sufficient strength



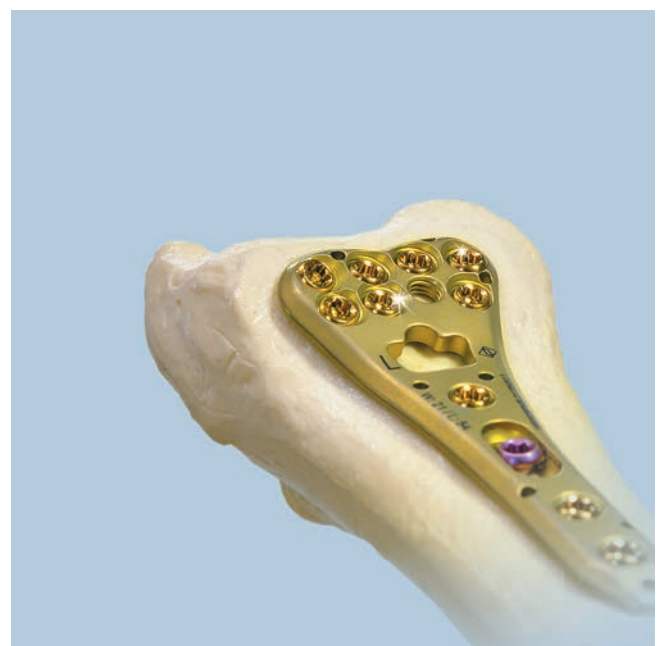
Dia.	2.4 Locking	2.7 Cortical
Length		
8mm	B1G.24080	B1J.27080
9mm	B1G.24090	B1J.27090
10mm	B1G.24100	B1J.27100
11mm	B1G.24110	B1J.27110
12mm	B1G.24120	B1J.27120
13mm	B1G.24130	B1J.27130
14mm	B1G.24140	B1J.27140
15mm	B1G.24150	B1J.27150
16mm	B1G.24160	B1J.27160
17mm	B1G.24170	B1J.27170
18mm	B1G.24180	B1J.27180
19mm	B1G.24190	B1J.27190
20mm	B1G.24200	B1J.27200
22mm	B1G.24220	B1J.27220
24mm	B1G.24240	B1J.27240
26mm	B1G.24260	B1J.27260
28mm	B1G.24280	B1J.27280
30mm	B1G.24300	B1J.27300



Variable angle of  $\pm 15^\circ$

### Plate system

- ▶ Five different lengths and Three head sizes accommodate patients' anatomical condition.
- ▶ Anatomically contoured plates meet both simple and multi fractures.
- ▶ Plates are made of the most biocompatible material of pure titanium.
- ▶ Variable angle locking holes in the head of the plate provide a locked construct to support the articular surface and reduce the need for bone graft.





# DISTAL RADIUS SYSTEM

## Basic Plate

Scale 70/100

### Narrow Plate

Width 21 | Hole 7 | Thickness 2.0

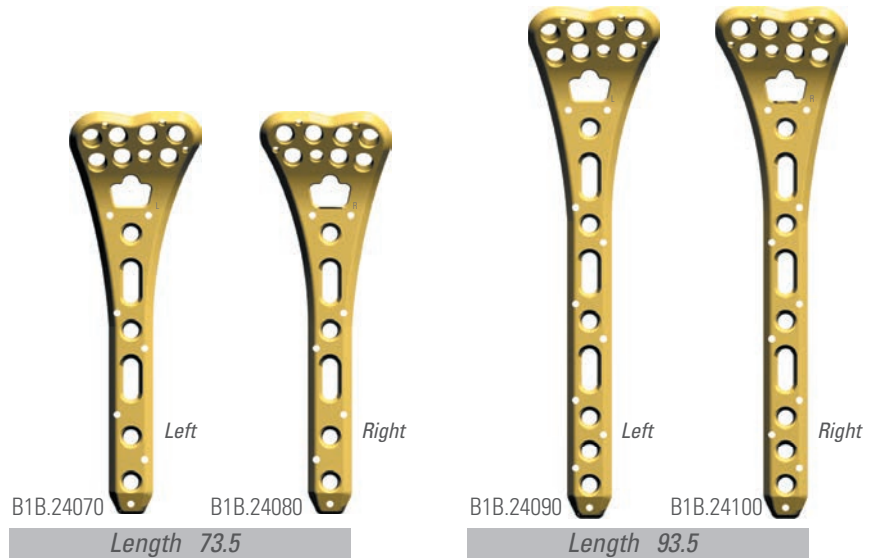


### Standard Plate

Width 24 | Hole 7 | Thickness 2.0



## Basic Plate





## Wide Plate

Width 28    Hole 8    Thickness 2.0





# DISTAL RADIUS SYSTEM


## Radial Head Plate

Shape	Item Code	Spec	
		Hole	Length
	B3A.20030	8	29.6
	B3A.20040	8	27.1


  

		2.4 Locking Screw	
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## Radial styloid Plate

Shape	Item Code	Spec	
		Hole	Length
	B2A.16010	5	45

		2.4 Locking Screw	
		2.7 Cortical Screw	

# DISTAL ULNA SYSTEM


## Distal Ulna Plate

Shape	Item Code	Spec	
		Hole	Length
	J1B.24010	7	46.1
	J1B.24020	10	66.8

## Distal Ulna Hook Plate

Shape	Item Code	Spec	
		Hole	Length
	J1G.24010	6	41.2

		2.4 Locking Screw	
		2.7 Cortical Screw	

# INSTRUMENT

Item	Item Code	
<b>Tray</b>		
Tray Case	Z1B.50010	
Instrument Tray	Z1B.03010	
Plate Tray	Z1B.01010	
Screw Tray	Z1B.02010	
<b>Hand Driver &amp; Shaft Ø2.4 / 2.7</b>		
	B1P.2301	
<b>Drill Guide</b>		
Drill Guide for Ø2.4 Fixed Guide Block	B1P.0204	
Drill Guide for Ø2.7	B1P.0203	
<b>Variable Sleeve Ø2.4</b>		
	B1P.0701	
	B1P.0703	
	B1P.0702	
<b>Drill Sleeve Ø2.4</b>		
<b>Distal Radius Drill Bit</b>		
Ø2.4 Screw(Ø2.0 / 95mm)	B1P.3101	
Ø2.7 Screw(Ø2.2 / 110mm)	B1P.3201	
<b>Depth Gauge</b>		
	Y1G.24020	
<b>Guide Block</b>		
22mm Left B1P.0301	24mm Left B1P.0303	28mm Left B1P.0305
22mm Right B1P.0302	24mm Right B1P.0304	28mm Right B1P.0306

## Tray Case



Z1B.50010

## Screw Tray



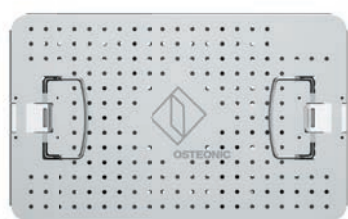
Z1B.02010

## Instrument Tray



Z1B.03010

## Plate Tray



Z1B.01010

## Hand Driver & Shaft Ø2.4 / 2.7



B1P.2301

## Drill Guide



B1P.0204

Drill Guide for Ø2.4 Fixed Guide Block



B1P.0203

Drill Guide for Ø2.7

## Variable Sleeve Ø2.4



B1P.0701

B1P.0703

## Distal Radius Drill Bit



B1P.3101

Ø2.4 Screw(Ø2.0 / 105mm)



B1P.3201

Ø2.7 Screw(Ø2.2 / 110mm)

## Depth Gauge



Y1G.24020

## Guide Block



B1P.0301

22mm Left



B1P.0302

22mm Right



B1P.0303

24mm Left



B1P.0304

24mm Right



B1P.0305

28mm Left



B1P.0306

28mm Right

## Drill Sleeve Ø2.4



B1P.0702

## Optional



## Torque limiter

Y1Z.35030



## Driver Shaft

Y1B.28010



## Tap Handle (AO Type)

Y1C.35020



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