

OPTIMUS Mandible Surgery

Plating System



OSTEONIC

INTRODUCTION

Various clinical challenges surgeons are facing these days in Mandibular Surgeries require solutions that can be only solved with innovative products.

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 of more than two decades in products.

- 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
- Rounded edges on plates decrease soft tissue irritation
- Offering comprehensive Locking and non-locking plating options in the 2.0mm and 2.4mm sizes

OPTIMUS Mandible Plating System



INTENDED USE AND VARIETY OF INDICATION

Optimus Mandible system is intended for bone fixation in the following indication;

- Mandibular Trauma and Fracture
- Mandibular Reconstructive Surgery
- Orthognathic Surgery



2.0mm Fracture & Locking

Screws

- Non-Locking & Locking Screws are available
- One Standard screw diameter
 - 2.0mm dia(Non-locking & Locking Screws)
 - 2.3mm dia(Emergency Screw)
- Maximized screw-blade retention



2.0 Fracture Screw

Description	Order No.	Size(mm)	∅	Color
Pre-Drilling Screw	O19004	4	1.95	■
Pre-Drilling Screw	O19006	6	1.95	■
Pre-Drilling Screw	O19008	8	1.95	■
Pre-Drilling Screw	O19010	10	1.95	■
Pre-Drilling Screw	O19012	12	1.95	■
Pre-Drilling Screw	O19014	14	1.95	■
Pre-Drilling Screw	O19016	16	1.95	■
Pre-Drilling Screw	O19018	18	1.95	■
Pre-Drilling Screw	O19020	20	1.95	■
E/M Screw	O23005	5	2.3	■
E/M Screw	O23006	6	2.3	■
E/M Screw	O23008	8	2.3	■
E/M Screw	O23010	10	2.3	■
E/M Screw	O23012	12	2.3	■
E/M Screw	O23014	14	2.3	■
E/M Screw	O23016	16	2.3	■

2.0 LOC Screw

Description	Order No.	Size(mm)	∅	Color
Pre-Drilling Screw	M20L04	4	1.95	■
Pre-Drilling Screw	M20L06	6	1.95	■
Pre-Drilling Screw	M20L08	8	1.95	■
Pre-Drilling Screw	M20L10	10	1.95	■
Pre-Drilling Screw	M20L12	12	1.95	■
Pre-Drilling Screw	M20L14	14	1.95	■
Pre-Drilling Screw	M20L16	16	1.95	■
Pre-Drilling Screw	M20L18	18	1.95	■
Pre-Drilling Screw	M20L20	20	1.95	■
E/M Screw	O23005	5	2.3	■
E/M Screw	O23006	6	2.3	■
E/M Screw	O23008	8	2.3	■
E/M Screw	O23010	10	2.3	■
E/M Screw	O23012	12	2.3	■
E/M Screw	O23014	14	2.3	■
E/M Screw	O23016	16	2.3	■












PLATES

- ▶ Non-Locking & locking plates available
- ▶ Color coding by thickness helps easy identification
- ▶ Offering comprehensive plates

2.0 Fracture 1.0t

System \ Color	Silver	Blue
Mandible 2.0	Thickness: 1.0mm	Thickness: 1.5mm

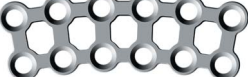
Straight Plate

4holes	 MST310M04	8holes	 MST310M08
10holes	 MST310M10		
12holes	 MST310M12		
16holes	 MST310M16		
18holes	 MST310M18		
20holes	 MST310M20		
2+2 holes Narrow	 MST310N04	3+3 holes Narrow	 MST310N06
2+2 holes Wide	 MST310W04	3+3 holes Wide	 MST310W06

Matrix Plate

2x4	 MMX310M08	2x8	 MMX310M16
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Curved Maxtrix Plate

2x6	 MCM310M12	2x8	 MCM310M16
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2.0 Fracture 1.5t

Straight Plate

6holes



MST315N06

12holes



MST315M12

20holes



MST315M20

2+2 holes



MST315L04

3+3 holes



MST315L06

Angled Plate

3+3holes



MAC315M06

Curved Plate

3+3holes



MCP315M06

DCP

2+2holes



MCS315L04

3+3holes



MCS315L06

Curved 3+3holes



MCC315L06

Angled 3+3holes



MCA315M06

PLATES

2.0 Locking 1.0t

Straight LOC Plate

2+2holes Narrow



MLS310N04

3+3holes Narrow



MLS310N06

2+2holes Wide



MLS310W04

3+3holes Wide



MLS310W06

12holes



MLS310M12

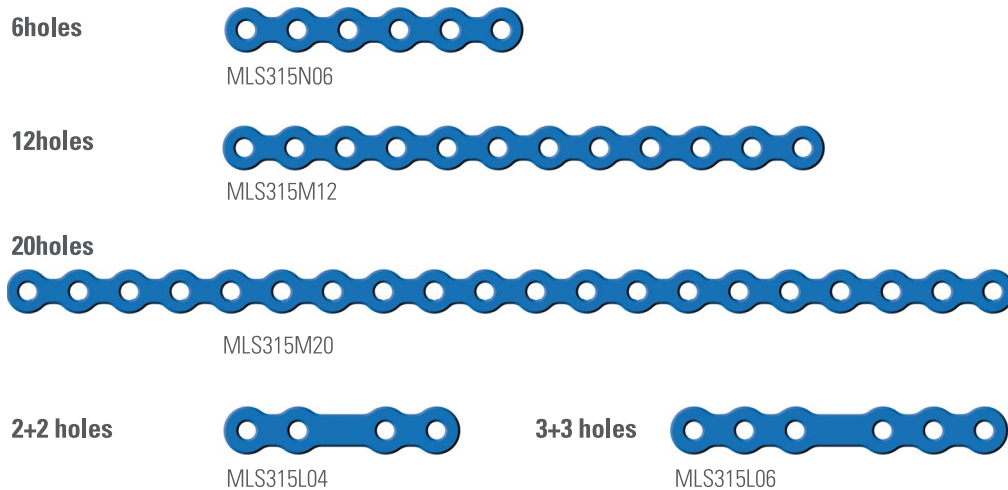
20holes



MLS310M20

2.0 Locking 1.5t

Straight LOC Plate



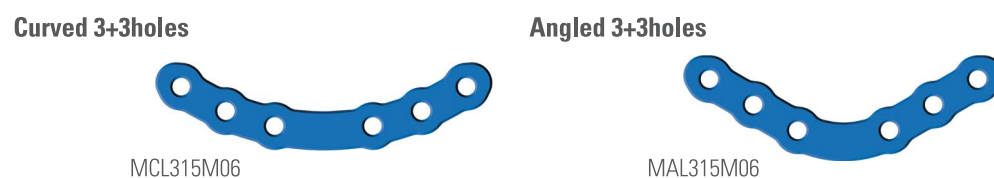
Angled LOC Plate



Curved LOC Plate



DCP



2.4mm Fracture & Locking

Screws

- Self-tapping & Locking Screws are available
- One Standard screw diameter
 - 2.4mm dia(Non-locking & Locking Screws)
 - 2.7mm dia(Emergency Screw)
- Maximized screw-blade retention



2.4 Fracture Screw

Description	Order No.	Size(mm)	Ø	Color
Pre-Drilling Screw	M24004	4	2.4	Gold
Pre-Drilling Screw	M24006	6	2.4	Gold
Pre-Drilling Screw	M24008	8	2.4	Gold
Pre-Drilling Screw	M24010	10	2.4	Gold
Pre-Drilling Screw	M24012	12	2.4	Gold
Pre-Drilling Screw	M24014	14	2.4	Gold
Pre-Drilling Screw	M24016	16	2.4	Gold
Pre-Drilling Screw	M24018	18	2.4	Gold
Pre-Drilling Screw	M24020	20	2.4	Gold
E/M Scerw	M27006	6	2.7	Green
E/M Scerw	M27008	8	2.7	Green
E/M Scerw	M27010	10	2.7	Green
E/M Scerw	M27012	12	2.7	Green

2.4 LOC Screw

Description	Order No.	Size(mm)	Ø	Color
Pre-Drilling Screw	M24L04	4	2.4	Gold
Pre-Drilling Screw	M24L06	6	2.4	Gold
Pre-Drilling Screw	M24L08	8	2.4	Gold
Pre-Drilling Screw	M24L10	10	2.4	Gold
Pre-Drilling Screw	M24L12	12	2.4	Gold
Pre-Drilling Screw	M24L14	14	2.4	Gold
Pre-Drilling Screw	M24L16	16	2.4	Gold
Pre-Drilling Screw	M24L18	18	2.4	Gold
Pre-Drilling Screw	M24L20	20	2.4	Gold
E/M Screw	M27006	6	2.7	Green
E/M Screw	M27008	8	2.7	Green
E/M Screw	M27010	10	2.7	Green
E/M Screw	M27012	12	2.7	Green

PLATES

- ▶ Non-Locking & locking plates available
- ▶ Color coding by thickness helps easy identification
- ▶ Innovative locking mechanism
- ▶ Offering comprehensive plates

2.4 Fracture 1.5 / 2.0 / 2.6t

System \ Color	Blue	Green	Gold
Mandible 2.4	Thickness: 1.5mm	Thickness: 2.0mm	Thickness: 2.6mm

Straight Plate

4holes



MST315M04 
MST320M04 

6holes



MST315M06 
MST320M06 

8holes



MST315M08 
MST320M08 

17holes



MST320N17  (Scale: 50/100)
MST326M17 


23holes



MST320N23  (Scale: 50/100)
MST326M23 

28holes




MST320N28  (Scale: 50/100)
MST326M28 

Compression Plate



4holes(S)



MSC315S04 
MSC320S04 

4holes(M)



MSC315M04 
MSC320M04 

6holes



MSC315M06 
MSC320M06 



PLATES

2.4 Fracture 1.5 / 2.0t

Angled Compression Plate



4holes(S)



MAC315S04 
MAC320S04 

4holes(M)



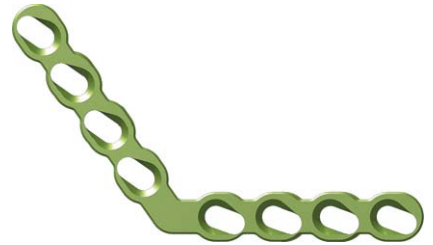
MAC315M04 
MAC320M04 

6holes



MAC315S06 
MAC320S06 

8holes



MAC315M08 
MAC320M08 

Curved Compression Plate

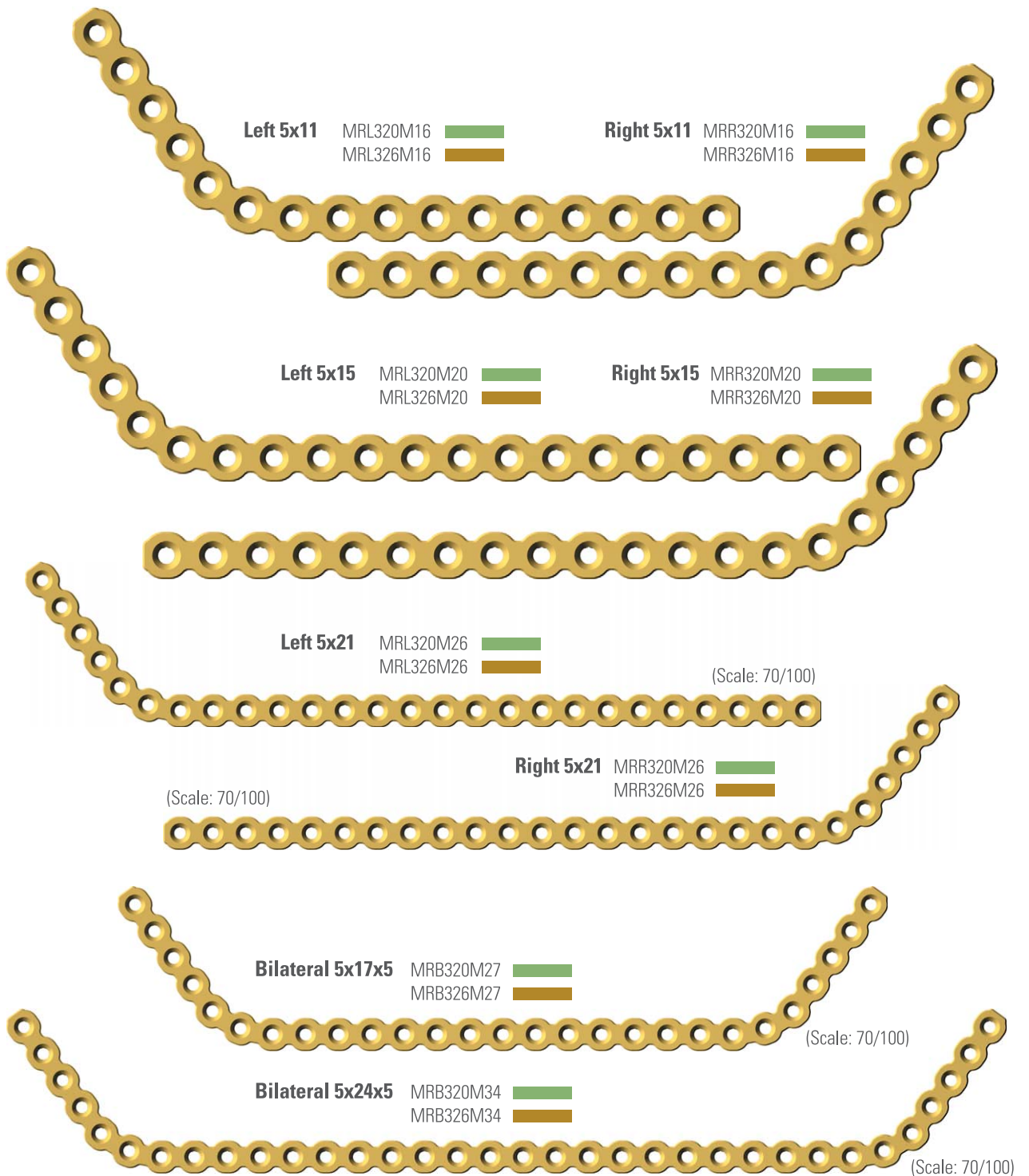
6holes



MCD315N06 
MCD320M06 

2.4 Recon 2.0 / 2.6t

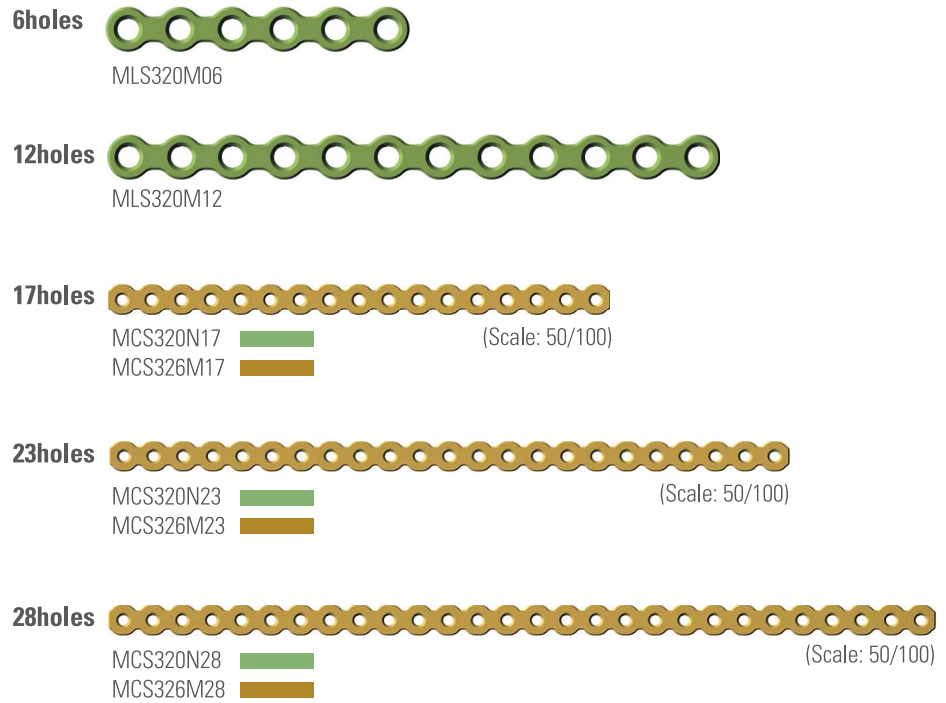
Reconstruction Plate



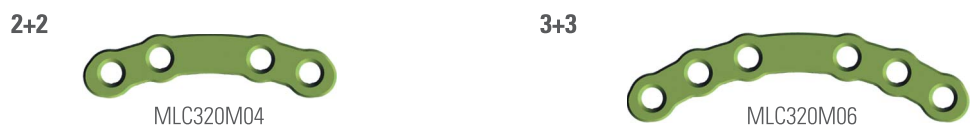
PLATES

2.4 Locking Fracture 2.0 / 2.6t

Straight LOC plate



Curved LOC Plate



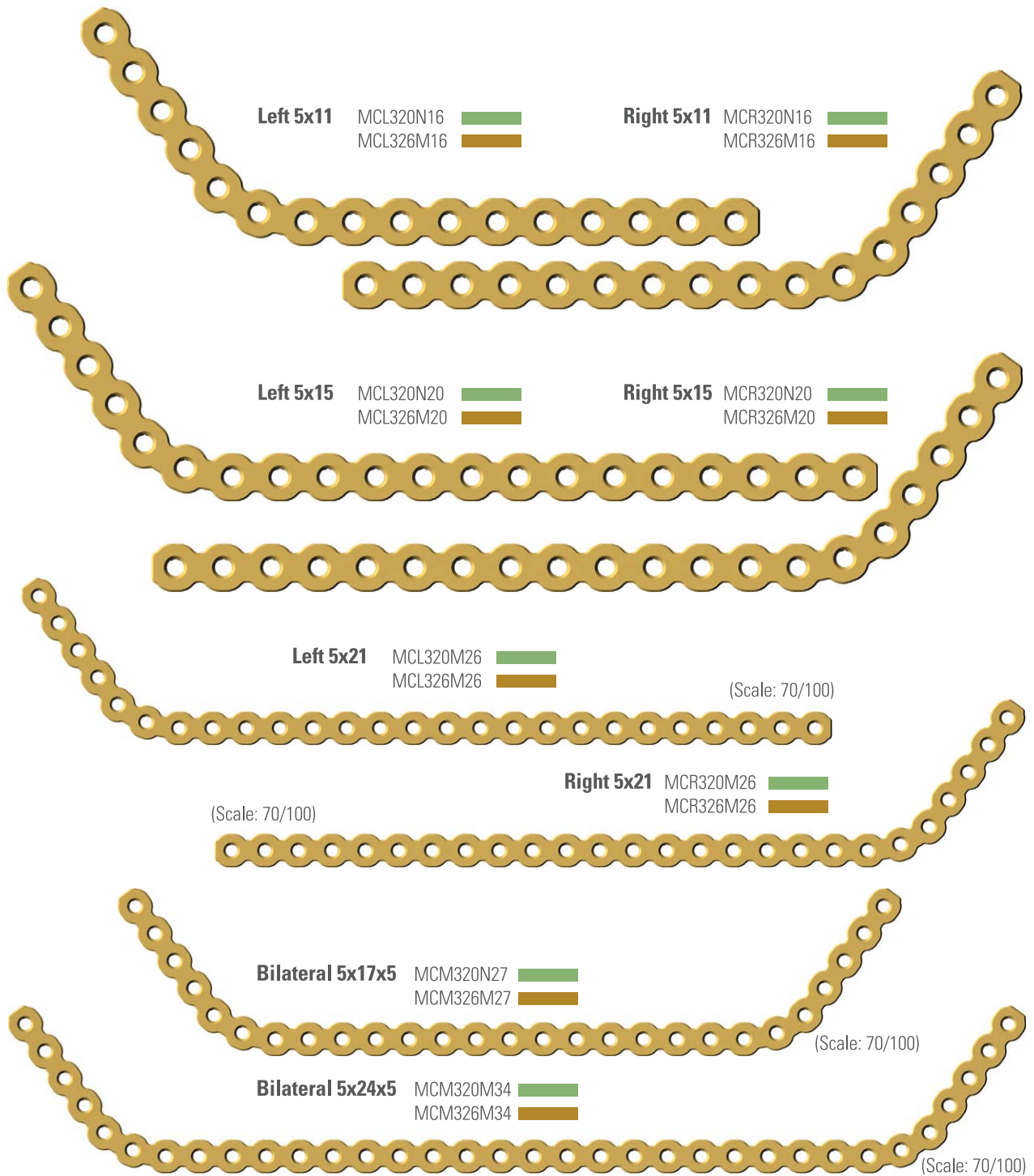
Angled LOC Plate



2.4 Locking Recon 2.0 / 2.6t

Reconstruction LOC plate

■ Reconstruction Template Available



Instruments

Screw Disc

TSM-001
TSM-002



TSM-003
TSM-004



Plate Tray

2.0 Fracture&Locking Plate Tray



TPM-001
TPM-002

2.4 Fracture&Locking Plate Tray



TPM-003
TPM-004

Container

TCM-001



Instrument Tray



TCM-002

Drill

					mm
ITEM	CODE	"D"	"L"	"A1"	
MANDIBLE	MDB-06	ø2.0	70	8	Drill Bit for Surgical
	MDB-07	ø2.0	70	10	
	MDB-08	ø2.0	70	14	
	MDB-09	ø2.0	70	16	
	MDB-05	ø2.0	110	25	



Driver Shaft

2.0 Othognathic Driver Shaft(90mm) ODS-01
 2.0 Othognathic Driver Shaft(117mm) ODS-04
 2.0 Othognathic Driver Shaft for Angle(22mm) ODS-02

2.4 Mandible Driver Shaft(90mm) MDS-02
 2.4 Mandible Driver Shaft(117mm) MDS-03
 2.4 Mandible Driver Shaft for Angle(22mm) MDS-01



Hand Driver Shaft Body IOC-010



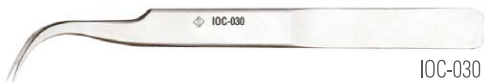
Forcep

IOC-030
IOC-031



Cutter

2.0 Plate Cutter IOC-050
2.0/2.4 Plate Cutter IOC-060



Bender

2.0 Plate Bender IOC-070
2.0/2.4 Plate Bender IOC-080



Cannula

Cannula IOC-091
Cannula Trocar IOC-092
Cannula Drill Guide IOC-093
Cheek Retractor IOC-094



Drill Guide

Mandible 2.0 Drill Guide IOC-150
Mandible 2.4 Drill Guide IOC-151



Sleeve

Mandible 2.0 Drill Sleeve IOC-160
Mandible 2.4 Drill Sleeve IOC-161



Depth Gauge / Mandible IOC-110



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