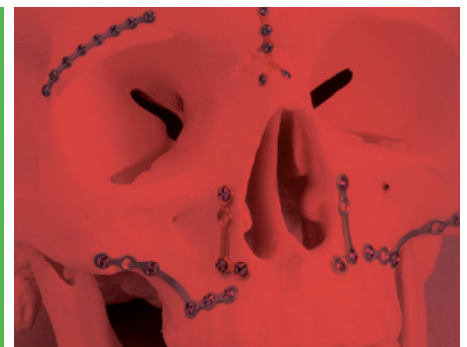
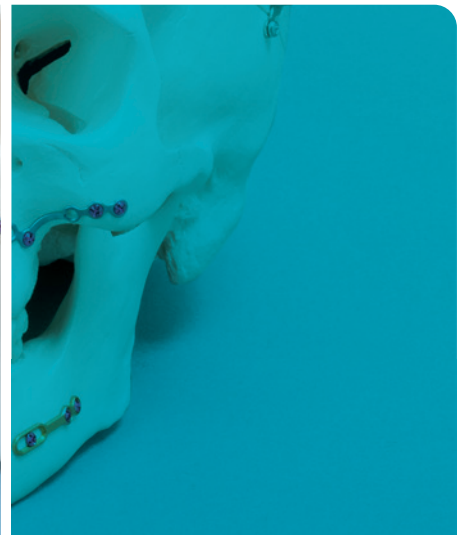
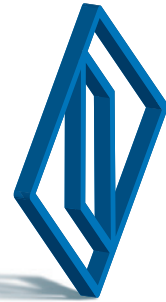




OPTIMUS Maxillofacial

Plating System

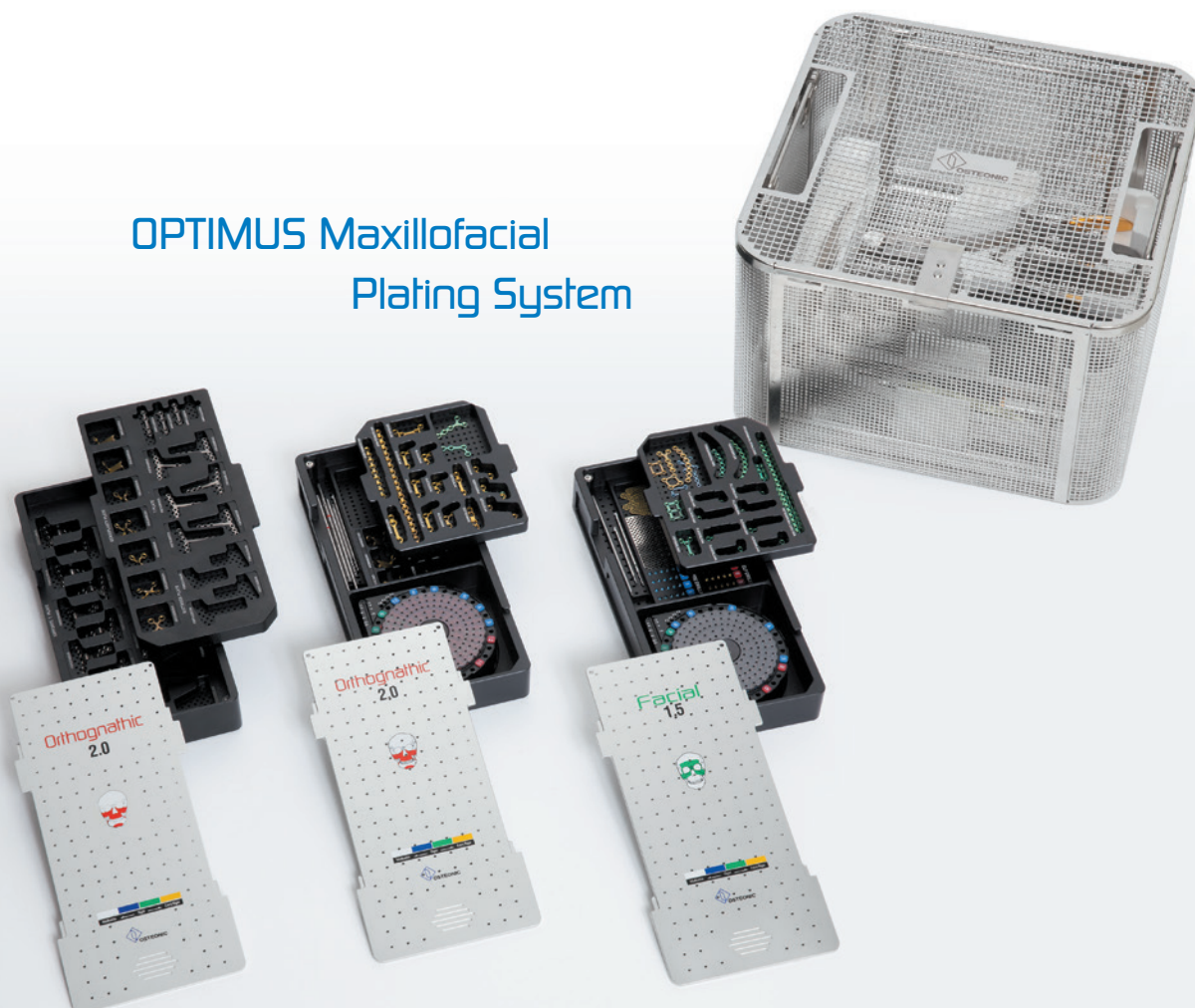
INTRODUCTION

Various clinical challenges surgeons are facing these days in Neuro 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
- Reversible plates allow for lesser inventory
- One blade fits for all screws within each individual system
- Standardized instrumentation secures ease of use

OPTIMUS Maxillofacial Plating System



Optimus Facial

INTENDED USE AND VARIETY OF INDICATION

Optimus Faical System is intended for bone fixation and in the following indications;

- Reconstruction of craniofacial skeleton
- Midface Fracture
- Segmental Maxilla



Facial Screws

- Low insertion torque and high pull-out torque
- Maximized screw-blade retention
- Available in $\Phi 1.3$ and $\Phi 1.5$
 - 1.3mm dia. (Self-Drilling & Self-Tapping)
 - 1.5mm dia. (Self-Drilling & Self-Tapping)



System \ Color	Gold	Light Blue	Silver	Blue	Green
Facial	$\Phi 1.3$ (Self-Drilling) 3,4,5,6,8,10	$\Phi 1.3$ (Self-Tapping) 3,4,5,6,8,10,12	$\Phi 1.5$ (Self-Drilling) 3,4,5,6,8,10,12	$\Phi 1.5$ (Self-Tapping) 3,4,5,6,8,10,12,14	$\Phi 1.8$ (Emergency) 4,6,8,10

Description	Order No.	Φ	Size(mm)	Color
FACIAL SCREW Self-Drilling	F13A03	$\Phi 1.3$	3	Gold
FACIAL SCREW Self-Drilling	F13A04	$\Phi 1.3$	4	Gold
FACIAL SCREW Self-Drilling	F13A05	$\Phi 1.3$	5	Gold
FACIAL SCREW Self-Drilling	F13A06	$\Phi 1.3$	6	Gold
FACIAL SCREW Self-Drilling	F13A08	$\Phi 1.3$	8	Gold
FACIAL SCREW Self-Drilling	F13A10	$\Phi 1.3$	10	Gold
FACIAL SCREW Self-Tapping	F13003	$\Phi 1.3$	3	Light Blue
FACIAL SCREW Self-Tapping	F13004	$\Phi 1.3$	4	Light Blue
FACIAL SCREW Self-Tapping	F13005	$\Phi 1.3$	5	Light Blue
FACIAL SCREW Self-Tapping	F13006	$\Phi 1.3$	6	Light Blue
FACIAL SCREW Self-Tapping	F13008	$\Phi 1.3$	8	Light Blue
FACIAL SCREW Self-Tapping	F13010	$\Phi 1.3$	10	Light Blue
FACIAL SCREW Self-Tapping	F13012	$\Phi 1.3$	12	Light Blue

Description	Order No.	Φ	Size(mm)	Color
FACIAL SCREW Self-Drilling	F15A03	$\Phi 1.5$	3	Silver
FACIAL SCREW Self-Drilling	F15A04	$\Phi 1.5$	4	Silver
FACIAL SCREW Self-Drilling	F15A05	$\Phi 1.5$	5	Silver
FACIAL SCREW Self-Drilling	F15A06	$\Phi 1.5$	6	Silver
FACIAL SCREW Self-Drilling	F15A08	$\Phi 1.5$	8	Silver
FACIAL SCREW Self-Drilling	F15A10	$\Phi 1.5$	10	Silver
FACIAL SCREW Self-Drilling	F15A12	$\Phi 1.5$	12	Silver
FACIAL SCREW Self-Tapping	F15003	$\Phi 1.5$	3	Blue
FACIAL SCREW Self-Tapping	F15004	$\Phi 1.5$	4	Blue
FACIAL SCREW Self-Tapping	F15005	$\Phi 1.5$	5	Blue
FACIAL SCREW Self-Tapping	F15006	$\Phi 1.5$	6	Blue
FACIAL SCREW Self-Tapping	F15008	$\Phi 1.5$	8	Blue
FACIAL SCREW Self-Tapping	F15010	$\Phi 1.5$	10	Blue
FACIAL SCREW Self-Tapping	F15012	$\Phi 1.5$	12	Blue
FACIAL SCREW Self-Tapping	F15014	$\Phi 1.5$	14	Blue
FACIAL SCREW Emergency	F18004	$\Phi 1.8$	4	Green
FACIAL SCREW Emergency	F18006	$\Phi 1.8$	6	Green
FACIAL SCREW Emergency	F18008	$\Phi 1.8$	8	Green
FACIAL SCREW Emergency	F18010	$\Phi 1.8$	10	Green

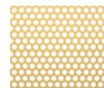
PLATES

- Compatible with Ø1.3mm and Ø1.5mm Screws
- For the most appropriate selection, a wide variety of plates are readily available.
- Color coding by thickness helps easy identification

System \ Color	Blue(Micro)	Green(Mini)	Gold(Mid)
Facial	Thickness : 0.4mm Φ1.3/1.5 Screw	Thickness : 0.5mm Φ1.5/1.8 Screw	Thickness : 0.7mm Φ1.5/1.8/2.0 Screw

Hexagonal Mesh(0.2t) Compatible with Φ1.5 screws.

(Scale: 25/100mm)



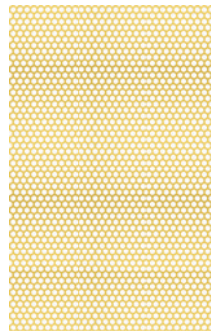
FRM102A01
FRM202A01

50 x 49.1



FRM102B01
FRM202B01
FRM302B01

50 x 85.1

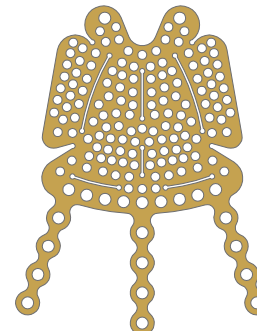


FRM102C01
FRM202C01
FRM302C01

126.8 x 201.5

Orbital Floor Mesh Compatible with Φ1.3/1.5 screws.

(unit: mm)



FZM102A01(0.2t)
FZM103A01(0.3t)
FZM104A01(0.4t)

Micro(0.4t) Compatible with Φ1.3/1.5 screws.

(unit: mm)



FST304M04A



FST304I04A



FST304L04A



FST304M06A



FST304M12A



FYP304M05A



FDY304L06A



FXP304M05A



FSQ304M04A
5 X 10



FSQ304L04A
10 X 10



FOR304M06A



FOR304M08A



FOR304M12A

Mini(0.5t) Compatible with Φ1.5/1.8 screws.

(unit: mm)



FST305M04A



FST305I04A



FST305L04A



FST305M08A



FST305M12A



FST305M20A



FYP305M05A



FYP305M05A



FDY305L06A



FXP305M05A



FSQ305M04A
5 X 10



FSQ305L04A
10 X 10



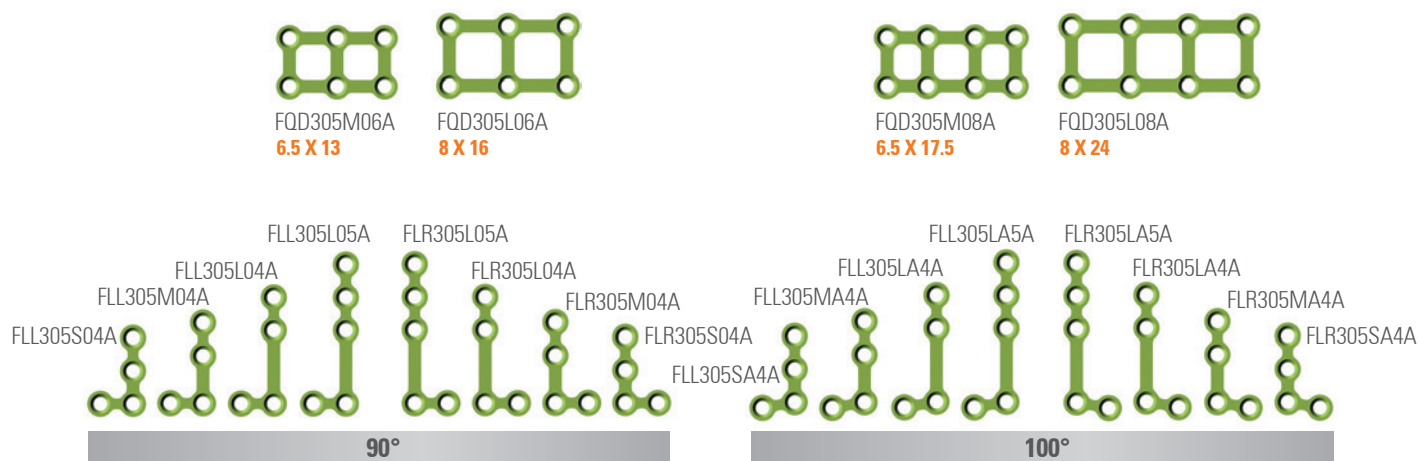
FOR305M06A



FOR305M08A



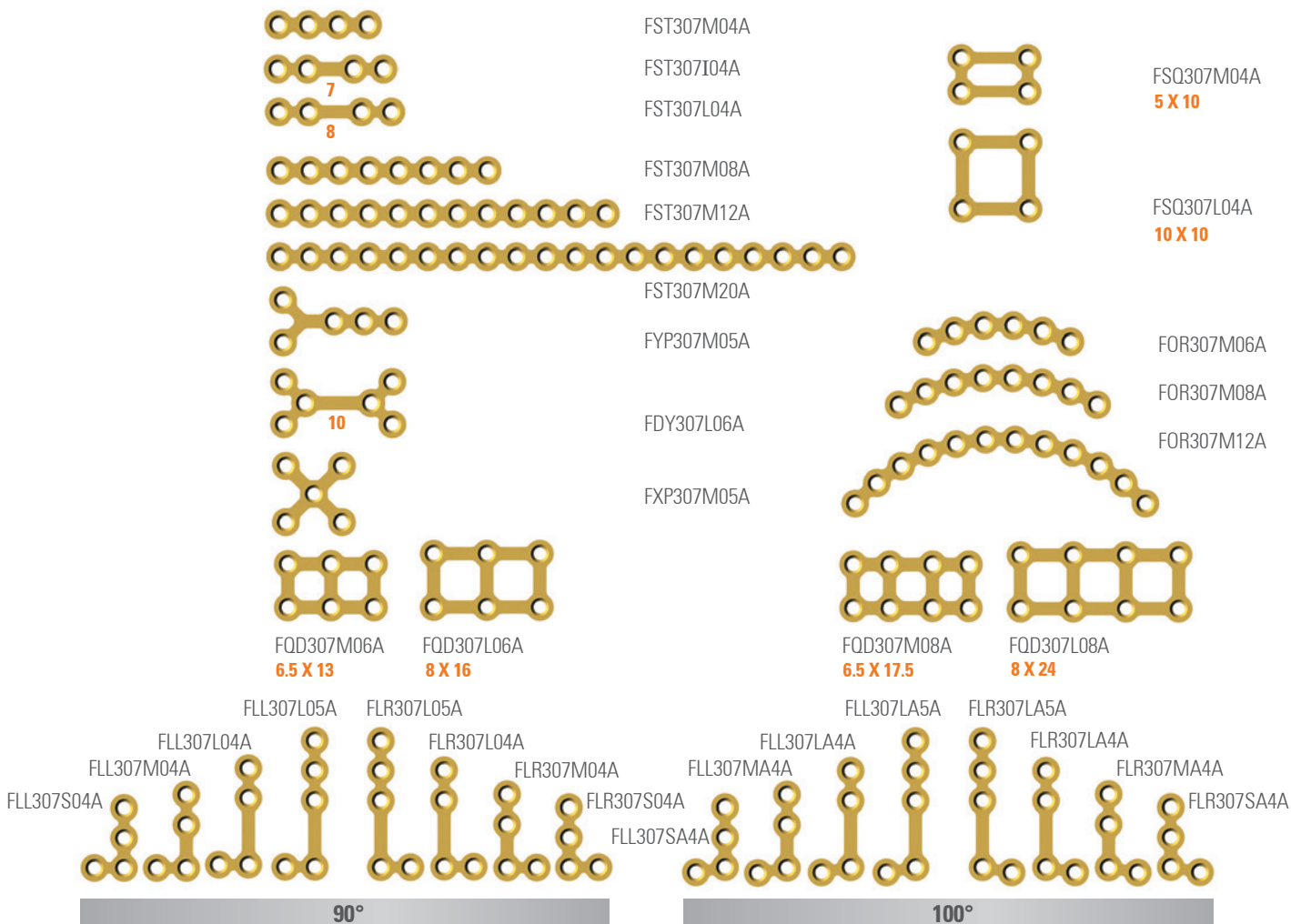
FOR305M12A



Mid(0.7t)

Compatible with $\Phi 1.5/1.8/2.0$ screws.

(unit: mm)



Optimus Orthognathic

INTENDED USE AND VARIETY OF INDICATION

Optimus Orthognathic System is intended for bone fixation and in the following indications;

- Maxillofacial surgery
- Orthognathic surgery of craniofacial skeleton
- Reconstruction of mandibles and chins



Orthognathic Screws

- Self-drilling & Self-tapping screws are available
- One standard screw diameter
 - 1.95 mm dia. (Self Drilling & Self-Tapping)
 - 2.3 mm dia. (Emergency screws)
- Maximized screw-blade retention (Reduced screwdriver blade came-out)

System \ Color	Silver	Pink	Green
Orthognathic	1.95(Ortho, Self-Drilling) 3,4,5,6,8,10,12	1.95(Ortho, Self-Tapping) 3,4,5,6,8,10,12,14,16,18,20	2.3(Ortho, Emer) 6,8,10,12,14,16

Description	Order No.	Φ	Size(mm)	Color
ORTHOGNATHIC SCREW Self Drilling	O19A03	Φ 1.95	3	
ORTHOGNATHIC SCREW Self Drilling	O19A04	Φ 1.95	4	
ORTHOGNATHIC SCREW Self Drilling	O19A05	Φ 1.95	5	
ORTHOGNATHIC SCREW Self Drilling	O19A06	Φ 1.95	6	
ORTHOGNATHIC SCREW Self Drilling	O19A08	Φ 1.95	8	
ORTHOGNATHIC SCREW Self Drilling	O19A10	Φ 1.95	10	
ORTHOGNATHIC SCREW Self Drilling	O19A12	Φ 1.95	12	
ORTHOGNATHIC SCREW Self-Tapping	O19003	Φ 1.95	3	
ORTHOGNATHIC SCREW Self-Tapping	O19004	Φ 1.95	4	
ORTHOGNATHIC SCREW Self-Tapping	O19005	Φ 1.95	5	
ORTHOGNATHIC SCREW Self-Tapping	O19006	Φ 1.95	6	
ORTHOGNATHIC SCREW Self-Tapping	O19008	Φ 1.95	8	
ORTHOGNATHIC SCREW Self-Tapping	O19010	Φ 1.95	10	
ORTHOGNATHIC SCREW Self-Tapping	O19012	Φ 1.95	12	
ORTHOGNATHIC SCREW Self-Tapping	O19014	Φ 1.95	14	
ORTHOGNATHIC SCREW Self-Tapping	O19016	Φ 1.95	16	
ORTHOGNATHIC SCREW Self-Tapping	O19018	Φ 1.95	18	
ORTHOGNATHIC SCREW Self-Tapping	O19020	Φ 1.95	20	
ORTHOGNATHIC Emergency	O23006	Φ 2.3	6	
ORTHOGNATHIC Emergency	O23008	Φ 2.3	8	



PLATES

- Reversible plates allow for less inventory
- Color coding by thickness helps easy identification
- Anatomical design allows for easy contour
- Prevent chin plate

System \ Color	Green	Gold
Orthognathic	Thickness: 0.8mm	Thickness: 1mm

L-D Plate(90°)

4holes



OLD208S04
OLD310S04



OLD208M04
OLD310M04



OLD208L04
OLD310L04

L-D Plate(100°)

4holes



OLD208SA4
OLD310SA4



OLD208MA4
OLD310MA4



OLD208LA4
OLD310LA4

6holes



OLD208SA6
OLD310SA6



OLD208MA6
OLD310MA6



OLD208LA6
OLD310LA6

L-D Plate(110°)

4holes



OLD208SS4
OLD310SS4



OLD208MS4
OLD310MS4



OLD208LS4
OLD310LS4

PLATES

- Reversible plates allow for less inventory
- Color coding by thickness helps easy identification
- Anatomical design allows for easy contour
- Prebent chin plate

Straight Plate

(unit: mm)

4holes



OST208M04
OST310M04



5
OMS208A04
OMS310A04



8
OMS208B04
OMS310B04



10
OST208I04
OST310I04



11.5
OST208L04
OST310L04



OBC315M04



14
OMS208C04
OMS310C04



20
OMS208D04
OMS310D04

6holes



OST208M06
OST310M06

10holes



OST208M10
OST310M10

18holes



OST208M18
OST310M18

20holes



OST208M20
OST310M20



OST208S20
OST308S20

Z-D Plate

4holes



OZD208S04
OZD310S04



OZD208M04
OZD310M04



OZD208L04
OZD310L04

Straight Dual Plate

(unit: mm)

4holes



8

OSD310S04



10.5

OSD310M04



13

OSD310L04



15.5

OSD310X04

Compression Plate

4holes



OCP310M04

5holes



OCP310M05

Chin X-Plate

4holes



OXC306A04 2mm
OXC306B04 4mm
OXC306C04 6mm
OXC306D04 8mm
OXC306E04 10mm
OXC306F04 12mm

D-Y Plate

(unit: mm)

6holes



5.5

ODY208M06
ODY310M06



10.5

ODY208L06
ODY310L06

Square Plate

(unit: mm)

4holes



8 X 8

OSQ208M04
OSQ310M04



8 X 10

OSQ208L04
OSQ310L04

Double Square Plate

(unit: mm)

6holes



8 X 16

ODS208L06
ODS310L06

PLATES

- Reversible plates allow for less inventory
- Color coding by thickness helps easy identification
- Anatomical design allows for easy contour
- Prebent chin plate

Prebent L-L Plate / Prebent L-R Plate

4holes



OPL208A04	2mm
OPL208B04	3mm
OPL208C04	4mm
OPL208D04	5mm
OPL208E04	6mm



OPR208A04	2mm
OPR208B04	3mm
OPR208C04	4mm
OPR208D04	5mm
OPR208E04	6mm

LEFORTE I PLATE LEFT / RIGHT $\Phi 1.5$ screw use

(unit: mm)

11holes

Left



FBR206L00	0mm	0.6t
FBR206L01	2mm	
FBR206L02	3mm	
FBR206L03	4mm	
FBR206L04	5mm	
FBR206L05	6mm	

Right



FBR206R00	0mm	0.6t
FBR206R01	2mm	
FBR206R02	3mm	
FBR206R03	4mm	
FBR206R04	5mm	
FBR206R05	6mm	

SEGMENTAL LEFORTE I PLATE LEFT / RIGHT $\Phi 1.5$ screw use

(unit: mm)

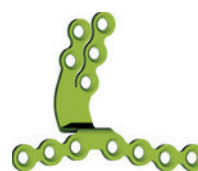
12holes

Left



FBS206L00	0mm	0.6t
FBS206L01	2mm	
FBS206L02	3mm	
FBS206L03	4mm	
FBS206L04	5mm	
FBS206L05	6mm	

Right



FBS206R00	0mm	0.6t
FBS206R01	2mm	
FBS206R02	3mm	
FBS206R03	4mm	
FBS206R04	5mm	
FBS206R05	6mm	

BUTTRESS PLATE(Reversible) $\Phi 1.5$ screw use

(unit: mm)

8holes

FBT210A08		1.0t (Reversible)
FBT310A08		

9holes

FBT210A09		1.0t (Reversible)
FBT310A09		
FBT210B09		
FBT310B09		
FBT210C09		
FBT310C09		3mm
		7mm
		11mm

T PLATE(Reversible / Non-Reversible) $\Phi 1.5$ screw use

(unit: mm)

9holes**Left**

FBT206L01		0.6t
FBT306L01		
FBT206L02		
FBT306L02		
		5mm
		8mm

**Right**

FBT206R01		0.6t
FBT306R01		
FBT206R02		
FBT306R02		
		5mm
		8mm

**Reversible**

FBT208D01		0.8t
FBT308D01		
FBT208D02		
FBT308D02		
FBT208D03		
FBT308D03		
		8mm
		10mm
		12mm

Screw

IMF Screws

Type	Order No.	Φ	Length(mm)
 R-Head	D22006B	2.0	6
	D22008B		8
	D22010B		10
 D-Head(With hole)	D32006		6
	D32008		8
	D32010		10
 H-Head	D42006B		6
	D42008B		8
	D42010B		10

Instruments

Screw Disc

TSF-001



TSO-001



Plate Tray

Facial Plate Tray

TPF-005



Container

TCP-003

Container Only



Orthognathic Plate Tray

TPO-005



Instrument Tray

TCP-004



Orthognathic Plate Tray

TPO-006

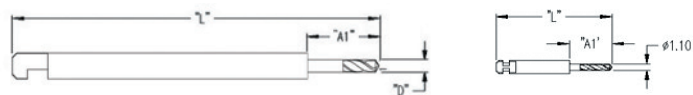


Instruments

Drill

ITEM	CODE	"D"	mm		
			"L"	"A1"	
FACIAL	FDB-06	Φ1.0	52	6	Drill Bit for Surgical
	FDB-12	Φ1.0	65	12	
	FDB-13	Φ1.0	90	12	
	FDB-08	Φ1.0	18	8	Drill Bit for Angle
	FDB-21	Φ1.0	28	8	
	FDB-02	Φ1.1	58	12	Drill Bit for Surgical
	FDB-20	Φ1.1	65	15	
	FDB-14	Φ1.1	90	15	

ITEM	CODE	"D"	mm		
			"L"	"A1"	
ORTHOGNATHIC	ODB-01	Φ1.6	52	6	Drill Bit for Surgical
	ODB-04	Φ1.6	72	22	
	ODB-10	Φ1.6	110	22	Drill Bit for Angle
	ODB-16	Φ1.6	32	12	



Driver Shaft

Facial Driver Shaft (72mm)	FDS-01	Orthognathic Driver Shaft (89.7mm)	ODS-01
Facial Driver Shaft for Angle (25mm)	FDS-02	Orthognathic Driver Shaft (117mm)	ODS-04
		Orthognathic Driver Shaft for Angle (22mm)	ODS-02



Driver shaft 70mm for D-head Type IMF Screw IDS-01



Driver shaft 40mm for D-head Type IMF Screw IDS-02



Driver shaft 23mm for D-head Type IMF Screw IDS-03



Driver shaft 70mm for H-head Type IMF Screw IMF-L04

Hand Driver Shaft Body

IOC-012
IOC-016



Forcep

IOC-031



Cutter

Plate Cutter / Facial 1.3 & 1.5
Orthognathic Plate Cutter

IOC-040
IOC-050



Bender

3-Hole Bender / Facial 0.4t & 0.5t
3-Hole Bender / Orthognathic 0.8t&1.0t

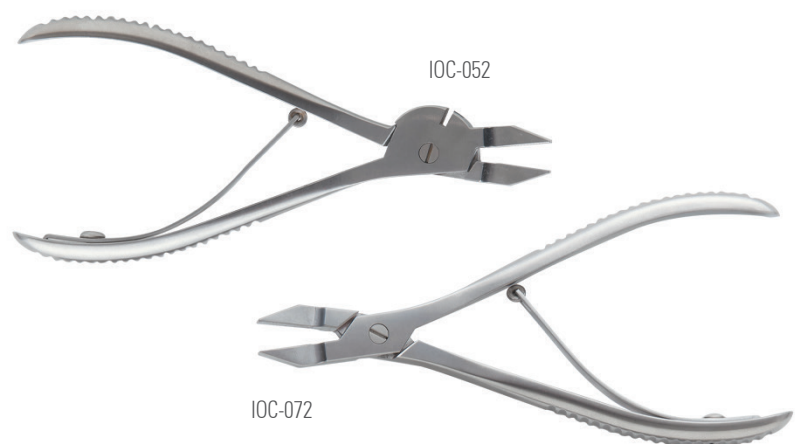
IOC-021
IOC-020



Instruments

Bender& Cutter

Combind Plier Set for Cutting and Bending	IOC-052 + IOC-072
Bending Plier Set (2ea/set)	IOC-072



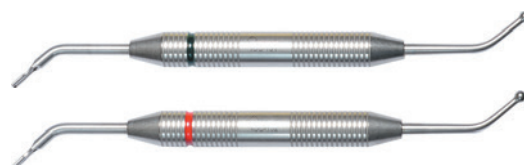
Cannula

Cannula	IOC-091
Cannula Trocar	IOC-092
Cannula Drill Guide / Orthognathic 2.0	IOC-093
Cheek Retractor	IOC-094
Cannula Drill Guide / Facial 1.5	IOC-095



Holding Forcep

Holding Forcep / Facial 1.5	IOC-131
Holding Forcep / Orthognathic 2.0	IOC-132



Depth Gauge

Depth Gauge / Facial 1.5 / Orthognathic 2.0	IOC-100
---	---------



Drill Guide

IOC-150





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

MF - E - 2407