

Craniofacial & Midface Trauma  
ALFA System



# ALFA System - Craniofacial & Midface Trauma

## INTRODUCTION

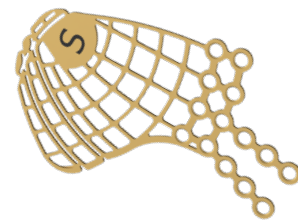


### SMART FIX

Titamed's Smart Fixation consists of 3 different systems, each one designed for a specific series of indications:

The **ALFA System** is a complete range of plates and screws intended for Craniofacial and Midface trauma, including:

- Orbita region
- Frontal sinus area
- Nasal region
- Zygoma region
- Lefort 1 fracture area

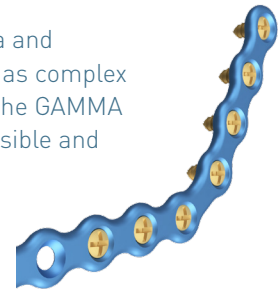


The **BETA System** is specifically designed for orthognatic surgery:

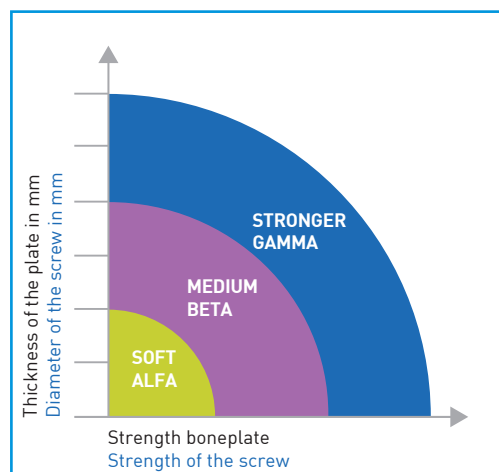
- Lefort I osteotomy
- Chin osteotomy
- Sagittal split osteotomy



The **GAMMA System** is specifically designed for trauma and reconstructive surgery of the mandible. Simple as well as complex fractures of the mandible can be easily managed with the GAMMA system. All boneplates of the GAMMA system are reversible and compatible with locking and non-locking screws.



### GRADUAL SYSTEM



The Smart Fixation is a gradual system.

#### Color coding per system:

- Yellow:** Small screws and plates (ALFA)
- Purple:** Medium screws and plates (BETA)
- Blue:** Large screws and plates (GAMMA)




# ALFA System - Craniofacial & Midface Trauma

## INTRODUCTION















Screws, boneplates and instruments of the ALFA and BETA system are interchangeable.

## BONESCREWS

System	Indication	Screw		Specifications
		Selftapping	Selfdrilling	
 ALFA	Craniofacial & Midface Trauma	Ø 1.3 mm	-	1 screwdriver for ALFA-BETA
		Ø 1.6 mm	Ø 1.6 mm	
 BETA	Orthognatic Surgery	Ø 1.9 mm	Ø 1.9 mm	
		Ø 2.2 mm*	-	
 GAMMA	Trauma & Recon of the mandible	Locking	Non-Locking	1 screwdriver for GAMMA
		Ø 2.1 mm	Ø 2.1 mm	
		Ø 2.4 mm	Ø 2.4 mm	
		Ø 2.7 mm	Ø 2.7 mm	

\* Screws of 2.2 mm are not compatible with ALFA-boneplates

## BONEPLATES

System	Indication	Plate		Specifications
		Thickness (mm)		
 ALFA	Craniofacial & Midface Trauma	0.3 / 0.4 mm mesh and orbita		Non-reversible**
		0.5 mm		
		0.6 mm		
 BETA	Orthognatic Surgery	0.6 mm		Reversible***
		0.7 / 0.8 mm		
		0.8 / 1.0 mm		
 GAMMA	Trauma & Recon of the mandible	1.0 mm		Reversible & Locking
		1.3 mm		
		1.5 mm		
		2.0 mm		

\*\* Except for orbita floor plates, they are reversible

\*\*\* Except for the prebent and BSSO plates





## INDICATIONS

## ALFA System - Craniofacial &amp; Midface Trauma

## FEATURES

The ALFA System is a complete range of plates and screws intended for Craniofacial and Midface trauma, including:

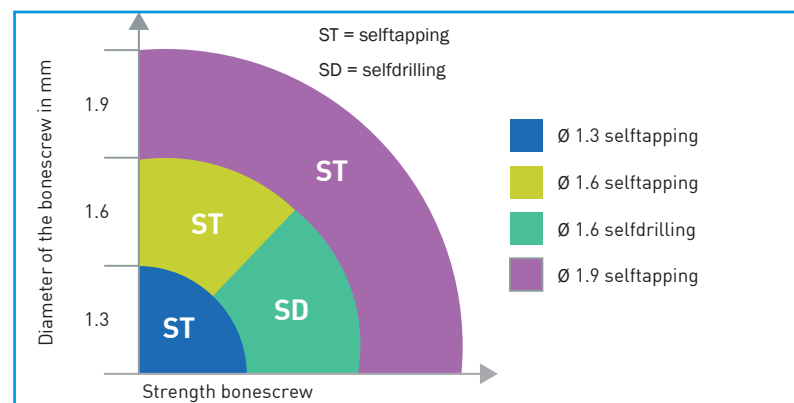
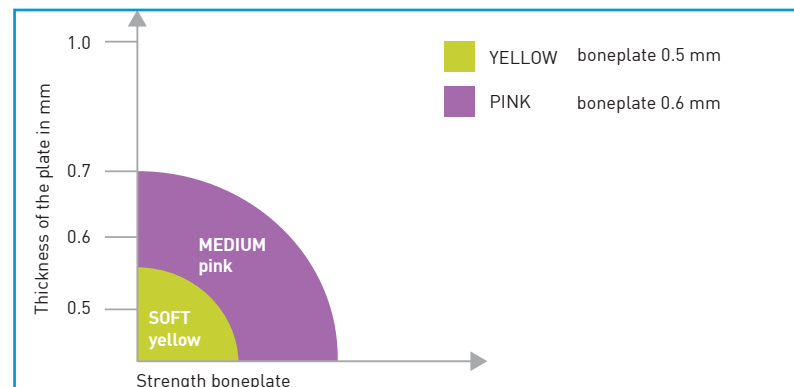
- Orbita region
- Frontal sinus area
- Nasal region
- Zygoma region
- Lefort 1 fracture area

Screws, boneplates and instruments of the ALFA and BETA system are interchangeable.

## GRADUAL SYSTEM

The ALFA System is a color coded gradual system:

- Thinnest boneplates: **Yellow**
- Medium boneplates: **Purple**



# ALFA System - Craniofacial & Midface Trauma

## FEATURES

Most boneplates of the ALFA System are non-reversible plates.

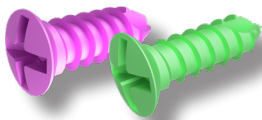
Our large range of boneplates offers an optimal design for each possible indication in the field of craniofacial and midface trauma.

The ALFA plates provide a balance of low profile height and high strength of the boneplate. The screw/plate interface is made as low as possible to provide an optimal patient comfort.



- \* Non-reversible boneplates
- \* Low screw/plate interface
- \* Optimal balance profile height and strength
- \* Large selection of screws and plates
- \* Medical grade titanium

The surgeon can choose out of different diameters of screws in selfdrilling or selftapping versions.



- \* An excellent grip on the bone
- \* Selfdrilling and selftappings screws
- \* Ideal diameters of screws
- \* Longer step for longer screws
- \* Medical grade titanium



## BONEPLATES

## BONESCREWS



# ALFA System - Craniofacial & Midface Trauma

## BONEPLATES



### STRAIGHT PLATES



A05-90-002



A06-90-002



A05-90-003



A06-90-003



A05-90-004



A06-90-004

Cat. No.	Description	Holes	Thickness
A05-90-002	straight plate	2	0,5
A05-90-003	straight plate	3	0,5
A05-90-004	straight plate	4	0,5
A06-90-002	straight plate	2	0,6
A06-90-003	straight plate	3	0,6
A06-90-004	straight plate	4	0,6



A05-90-006



A05-90-010



A06-90-006



A06-90-010

Cat. No.	Description	Holes	Thickness
A05-90-006	straight plate	6	0,5
A06-90-006	straight plate	6	0,6
A05-90-010	straight plate	10	0,5
A06-90-010	straight plate	10	0,6



A05-90-016

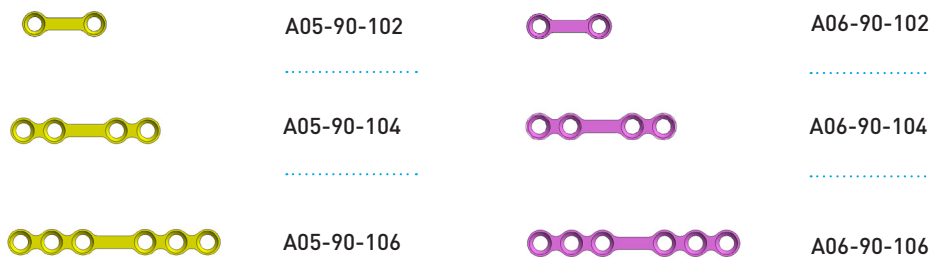


A06-90-016

Cat. No.	Description	Holes	Thickness
A05-90-016	straight plate	16	0,5
A06-90-016	straight plate	16	0,6

# ALFA System - Craniofacial & Midface Trauma

## BONEPLATES



## STRAIGHT PLATES

Cat. No.	Description	Holes	Thickness
A05-90-102	straight plate	2	0,5
A06-90-102	straight plate	2	0,6
A05-90-104	straight plate, 2 + 2	4	0,5
A05-90-106	straight plate, 3 + 3	6	0,5
A06-90-104	straight plate, 2 + 2	4	0,6
A06-90-106	straight plate, 3 + 3	6	0,6



## H PLATES

Cat. No.	Description	Holes	Thickness
A05-91-009	H plate	9	0,5
A06-91-009	H plate	9	0,6

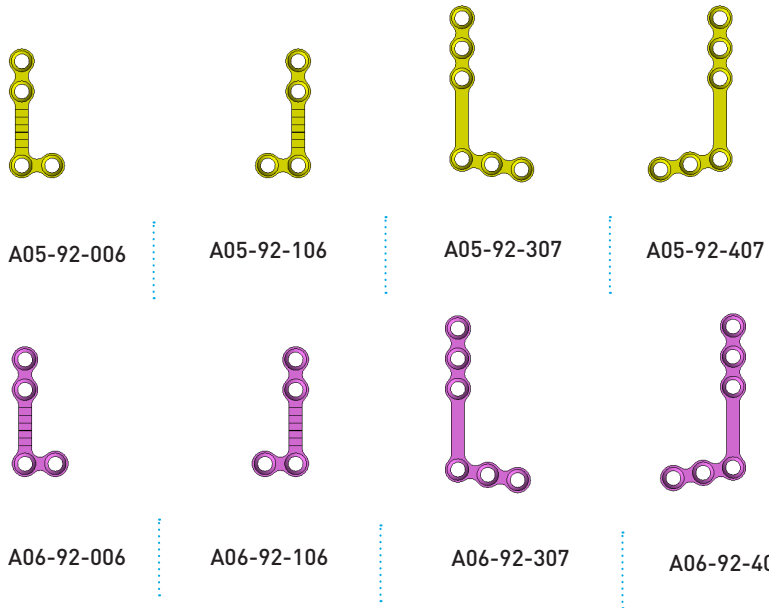


# ALFA System - Craniofacial & Midface Trauma

## BONEPLATES

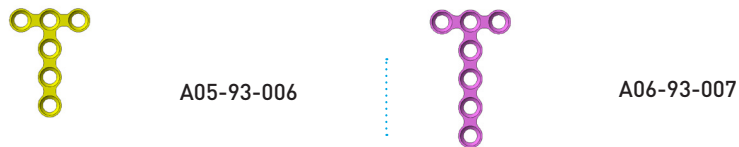


### L PLATES



Cat. No.	Description	Holes	Thickness
A05-92-006	L plate - 6 mm - right	4	0,5
A06-92-006	L plate - 6 mm - right	4	0,6
A05-92-106	L plate - 6 mm - left	4	0,5
A06-92-106	L plate - 6 mm - left	4	0,6
A05-92-307	L plate 3 + 3 holes - 7 mm - right	6	0,5
A06-92-307	L plate 3 + 3 holes - 7 mm - right	6	0,6
A05-92-407	L plate 3 + 3 holes - 7 mm - left	6	0,5
A06-92-407	L plate 3 + 3 holes - 7 mm - left	6	0,6

### T PLATES



Cat. No.	Description	Holes	Thickness
A05-93-006	T plate	6	0,5
A06-93-007	T plate	7	0,6

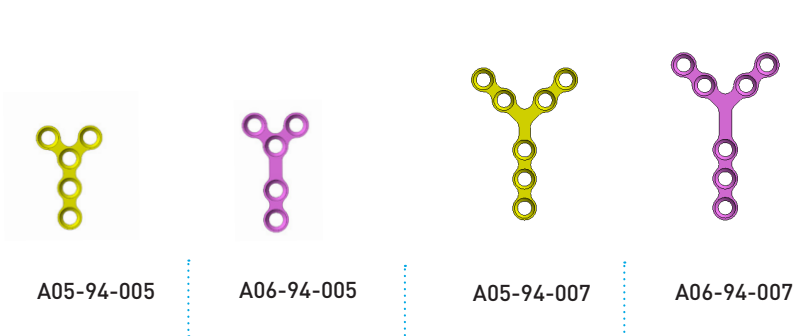


# ALFA System - Craniofacial & Midface Trauma

## BONEPLATES



### Y PLATES



A05-94-005

A06-94-005

A05-94-007

A06-94-007

Cat. No.	Description	Holes	Thickness
A05-94-005	Y plate small - 1 mm	5	0,5
A06-94-005	Y plate small - 3 mm	5	0,6
A05-94-007	Y plate large- 1 mm	7	0,5
A06-94-007	Y plate large - 3 mm	7	0,6

### X PLATES



A05-95-004

A06-95-004

Cat. No.	Description	Holes	Thickness
A05-95-004	X plate small	4	0,5
A06-95-004	X plate small	4	0,6



A05-95-006

A06-95-006

Cat. No.	Description	Holes	Thickness
A05-95-006	X plate large - 15 mm	6	0,5
A06-95-006	X plate large - 17 mm	6	0,6

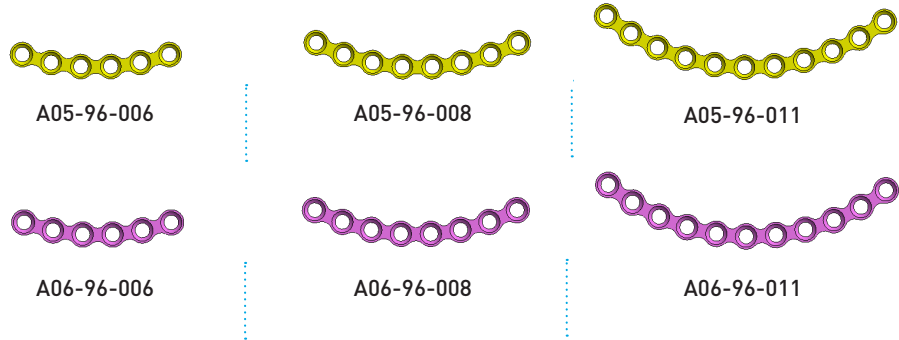


# ALFA System - Craniofacial & Midface Trauma

## BONEPLATES



### CURVED PLATES



Cat. No.	Description	Holes	Thickness
A05-96-006	curved plate - small	6	0,5
A06-96-006	curved plate - small	6	0,6
A05-96-008	curved plate - medium	8	0,5
A06-96-008	curved plate - medium	8	0,6
A05-96-011	curved plate - large	11	0,5
A06-96-011	curved plate - large	11	0,6

### MESH PLATES



Cat. No.	Description	Holes	Thickness
A05-98-004	matrix plate small	4	0,5
A06-98-004	matrix plate small	4	0,6



Cat. No.	Description	Holes	Thickness
A05-98-006	matrix plate medium	6	0,5
A06-98-006	matrix plate medium	6	0,6



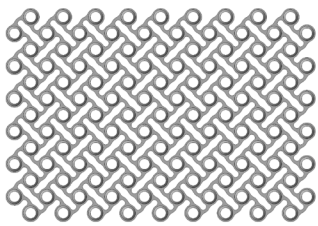
Cat. No.	Description	Holes	Thickness
A05-98-014	matrix plate large	14	0,5
A06-98-014	matrix plate large	14	0,6

# ALFA System - Craniofacial & Midface Trauma

## BONEPLATES



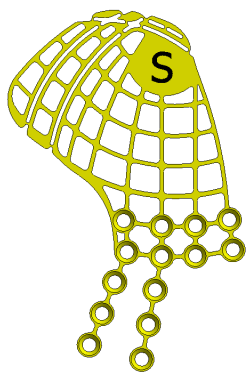
### 3D PLATES



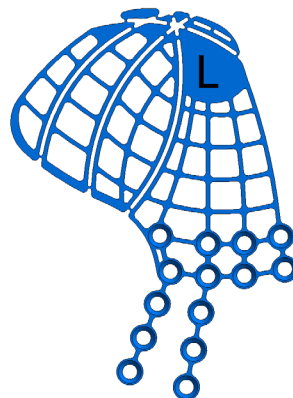
A03-86-001

Cat. No.	Description	Holes	Thickness
A03-86-001	dr. DF mesh 38 X 53	-	0,3

### ORBITA PLATES



A04-87-001



A04-87-003

Cat. No.	Description	Holes	Thickness	Reversible
A04-87-001	DEFRANCO orbita plate small, left or right	14	0,4	R
A04-87-003	DEFRANCO orbita plate large, left or right	14	0,4	R

### BURR COVER



A06-88-012



A06-88-015

Cat. No.	Description	Holes	Thickness
A06-88-012	burr cover 12 mm	6	0,6
A06-88-015	burr cover 15 mm	6	0,6

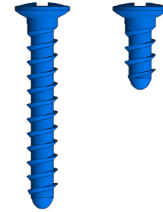


## ALFA System - Craniofacial &amp; Midface Trauma

## BONESCREWS

1.3 MM SCREWS  
SELFTAPPING

Cat. No.	Description	Length
S13-10-003	cross-pin bonescrew, selftapping	3
S13-10-004	cross-pin bonescrew, selftapping	4
S13-10-005	cross-pin bonescrew, selftapping	5
S13-10-006	cross-pin bonescrew, selftapping	6
S13-10-008	cross-pin bonescrew, selftapping	8
S13-10-010	cross-pin bonescrew, selftapping	10
S13-10-012	cross-pin bonescrew, selftapping	12
S13-10-014	cross-pin bonescrew, selftapping	14

1.6 MM SCREWS  
SELFTAPPING

Cat. No.	Description	Length
S16-10-003	cross-pin bonescrew, selftapping	3
S16-10-004	cross-pin bonescrew, selftapping	4
S16-10-005	cross-pin bonescrew, selftapping	5
S16-10-006	cross-pin bonescrew, selftapping	6
S16-10-008	cross-pin bonescrew, selftapping	8
S16-10-010	cross-pin bonescrew, selftapping	10
S16-10-012	cross-pin bonescrew, selftapping	12
S16-10-014	cross-pin bonescrew, selftapping	14
S16-10-016	cross-pin bonescrew, selftapping	16

1.9 MM SCREWS  
SELFTAPPING

Cat. No.	Description	Length
S19-10-004	cross-pin bonescrew, selftapping	4
S19-10-005	cross-pin bonescrew, selftapping	5
S19-10-006	cross-pin bonescrew, selftapping	6
S19-10-008	cross-pin bonescrew, selftapping	8
S19-10-010	cross-pin bonescrew, selftapping	10
S19-10-012	cross-pin bonescrew, selftapping	12
S19-10-014	cross-pin bonescrew, selftapping	14
S19-10-016	cross-pin bonescrew, selftapping	16
S19-10-018	cross-pin bonescrew, selftapping	18

E00

1.6 MM SCREWS  
SELFDRILLING

Cat. No.	Description	Length
S16-20-004	cross-pin bonescrew, selfdrilling	4
S16-20-005	cross-pin bonescrew, selfdrilling	5
S16-20-006	cross-pin bonescrew, selfdrilling	6



# ALFA System - Craniofacial & Midface Trauma

## INSTRUMENTS



### PLATE BENDING



IT01-103

Cat. No.	Description
IT01-103	Plate bending pliers

### PLATE CUTTING



IT02-201

Cat. No.	Description
IT02-201	Plate cutting scissor

### SCREWDRIVER



IT03-302

Cat. No.	Description
IT03-302	Screwdriver ALFA-BETA

### FORCEPS



IT04-400



IT04-401

Cat. No.	Description
IT04-400	Plate holding forceps, straight, inox, 16 cm
IT04-401	Plate holding forceps, angled

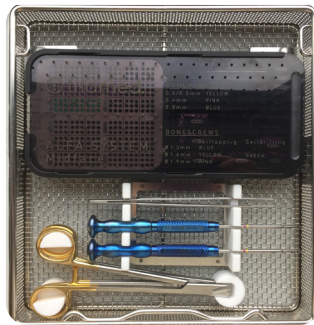


## ALFA System - Craniofacial &amp; Midface Trauma

## INSTRUMENTS

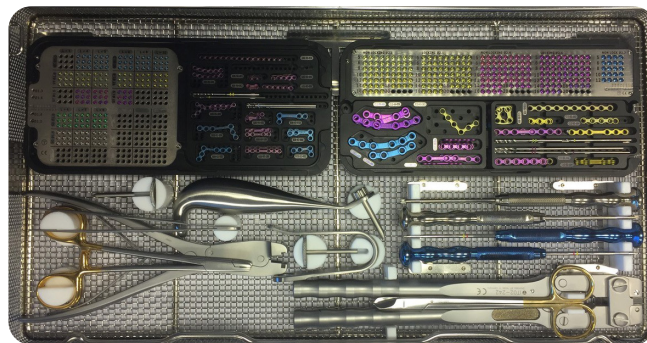


BOX



IT10-311 Container Alfa

IT10-311	Cat. No.	Description	System	Max. quantity
↘	IT01-103	Plate bending pliers	Alfa	2
↘	IT02-201	Plate cutting scissor	Alfa	1
↘	IT03-302	Screwdriver ALFA-BETA	Alfa	2
↘	IT04-401	Plate holding forceps, angled	Alfa	1
↘	Twist drills	To own preferences ALFA	Alfa	-
↘	Implants	To own preferences ALFA	Alfa	-



IT10-351 Container Alfa-Gamma

IT10-351	Cat. No.	Description	System	Max. quantity
↘	IT01-103	Plate bending pliers	Alfa	2
↘	IT01-145	Plate bending forceps (as from 1.5 mm)	Gamma	1
↘	IT02-201	Plate cutting scissor	Alfa	1
↘	IT02-242	Plate cutting plier strong (as from 1,5 mm)	Gamma	1
↘	IT03-302	Screwdriver Alfa-Beta	Alfa	2
↘	IT03-530	Screwdriver cross pin, dia 3	Gamma	2
↘	IT04-401	Plate holding forceps, angled	Alfa / Gamma	1
↘	IT07-740	Transbuccal System Gamma	Gamma	1
↘	Twist drills	To own preferences ALFA and GAMMA	Alfa / Gamma	-
↘	Implants	To own preferences ALFA and GAMMA	Alfa / Gamma	-

Also available IT10-354 Container Alfa-Beta

## ALFA System - Craniofacial & Midface Trauma

### TWIST DRILLS



### TWIST DRILL



Cat. No.	Description
IT105005	Twist drill, $\phi$ 1.0 mm, L=50 mm, stop 5 mm
IT105007	Twist drill, $\phi$ 1.0 mm, L=50 mm, stop 7 mm



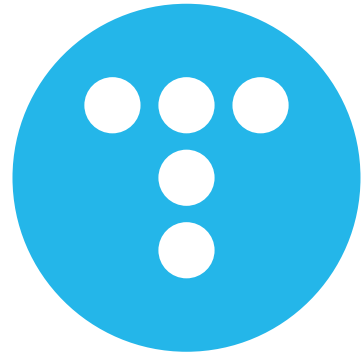
Cat. No.	Description
IT105014	Twist drill, $\phi$ 1.0 mm, L=50 mm, stop 14 mm



Cat. No.	Description
IT115005	Twist drill, $\phi$ 1.1 mm, L=50 mm, stop 5 mm
IT115007	Twist drill, $\phi$ 1.1 mm, L=50 mm, stop 7 mm



Cat. No.	Description
IT126000	Twist drill, $\phi$ 1.2 mm, L=60 mm, without stop



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version: C2521

