



Articulated Lengthening Fixation Apparatus

ALFA FIXATOR



S. H. PITKAR ORTHOTOOLS PVT. LTD.

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CIN : U33119PN1990PTC055384
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ALFA - Articulated Lengthening Fixation Apparatus

- ➔ SHPOPL offer comprehensive solutions in Modern External fixation devices for various applications including temporary fixation program. The latest addition in this series is ALFA fixator system-Articulated Lengthening Fixation Apparatus.
- ➔ ALFA External Fixation device has been developed with Dr. Dror Paley - an eminent reconstructive surgeon from USA. The ALFA system allows combination of modular rail and ring components which are intended to be used on adult or pediatric patients as required such as correction of long bone deformities, limb lengthening and various other applications. The ALFA External Fixator has advance attachments that can be attached for extension and versatile clamping designs.
- ➔ These modern external fixator devices have been conceptualized using blood less surgery technique and minimal disruption of soft tissues that contributes to external callus formation.
The ALFA Fixator offers:
 - compatibility with Ortho SUV and Ring External Fixators
 - Provides simplified joint spanning, allowing range of motion and protection of adjacent joints during lengthening
 - Provides the speed and familiarity of Rancho Cube style fixation, without the fiddle factor of sandwich clamps.
- ➔ These devices allow the treatment of patient with complex bony defects and permit conversion from static to dynamic mode by activating integral telescopic facility in terms of CD unit.
- ➔ The devices are used with 6 mm Tapered threaded Pins that permit tightening of the pins at given place in case of loosening of pins. These pins are available with options of hydroxy-apatite coating to enhance the quality of bone formation.

***Proper understanding of the device & technique are essential. Physicians/Surgeons are strongly encouraged to obtain instructions from other experienced clinicians to observe proper surgical procedure in initial use of Modern External Fixation Devices. SHPOPL conducts various graded symposium for Surgeons & strongly recommend use of apparatus only after proper training. It is expected that Surgeons should use apparatus for specific indications mentioned & carefully study all warning & precautions prior to using apparatus.

ALFA Fixator System

**ALFA Standard 3 Hole Clamp**

Part No. C 250001000

**ALFA Rail Arc Clamp**

Part No. C 253001000

**ALFA Rail Hinge - Female**

Part No. C 258000000

**ALFA Standard Clamp - Hinge Connection**

Part No. C 251001000

**ALFA Standard 1 Hole Clamp**

Part No. C 254001000

**ALFA Rail Hinge - Male**

Part No. C 259000000

**ALFA Stacked 5 Hole Overhang Clamp**

Part No. C 252001000

**ALFA A-P Angle Attachment Clamp**

Part No. C 255001000

**ALFA Rail Arc Rotation End**

Part No. C 260000000

**ALFA Stacked 5 Hole Clamp**

Part No. C 252002000

**ALFA Rail End Cap - Female**

Part No. C 256000000

**ALFA Rail**

Part No.

Size mm

C 261000150

150mm

C 261000200

200mm

C 261000250

250mm

C 261000300

300mm

C 261000350

350mm

C 261000400

400mm

**ALFA Stacked 3 Hole Clamp**

Part No. C 252003000

**ALFA Rail End Cap - Male**

Part No. C 257000000

**Rail Bolt M6 Cannulated**

| | |
|-----------------|----------------|
| Part No. | Size mm |
| C 262000000 | 28mm |
| C 263000000 | 38mm |

**ALFA Rail Bolt M6**

| | |
|-----------------|----------------|
| Part No. | Size mm |
| C 264000000 | 27mm |
| C 265000000 | 30mm |

**ALFA Arch**

| | |
|-----------------|-------------|
| Part No. | Size |
| C 266000090 | Small 90° |
| C 266000120 | Medium 120° |
| C 266000180 | Large 180° |

**ALFA Locking Nut M6X6mm**

| | |
|-----------------|-------------|
| Part No. | C 267000000 |
|-----------------|-------------|

**ALFA Rail Bolt M6X7mm**

| | |
|-----------------|-------------|
| Part No. | C 268000007 |
|-----------------|-------------|

**ALFA Rail Set Screw M6X7.5mm**

| | |
|-----------------|-------------|
| Part No. | C 269000075 |
|-----------------|-------------|

**ALFA Compression And Distraction Device**

| | |
|-----------------|-------------|
| Part No. | C 270001000 |
|-----------------|-------------|

**ALFA Rotation end connector**

| | |
|-----------------|-------------|
| Part No. | C 271000000 |
|-----------------|-------------|

Instruments for ALFA Fixator System**Drill Guides**

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 513201000 | 6 X 5 X 40 mm |
| C 513301000 | 6 X 5 X 80 mm |
| C 513001000 | 6 X 3.2 X 40 mm |
| C 513101000 | 6 X 3.2 X 80 mm |

**Guide wire sleeve**

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 575001000 | 5 X 1.8 X 40mm |
| C 576001000 | 5 X 1.8 X 80mm |

**Allen Key 6mm**

| | |
|-----------------|-------------|
| Part No. | C 531000000 |
|-----------------|-------------|

**Half Pin Introducer D Type**

| | |
|-----------------|-------------|
| Part No. | C 538001000 |
|-----------------|-------------|

**90° Screw Driver**

| | |
|-----------------|-------------|
| Part No. | D 511001000 |
|-----------------|-------------|

**A/F 3mm Straight Screw Driver**

| | |
|-----------------|-------------|
| Part No. | C 577001000 |
|-----------------|-------------|

**Drill Bit**

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 529000000 | 3.2 X 200 mm |
| C 530000000 | 4.8 X 200 mm |

**Drill Bit cannulated**

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 574000000 | 3.2 X 1.8 X 200 mm |
| C 573000000 | 4.8 X 1.8 X 200 mm |

**Container for ALFA fixator Instrument Set**

| | |
|-----------------|-------------|
| Part No. | H 980001000 |
|-----------------|-------------|

ALFA Pediatric Fixator System



ALFA Pediatric Standard 3 Hole Clamp
Part No. C 280001000



ALFA Pediatric Standard 1 Hole Clamp
Part No. C 284001000



ALFA Pediatric Rail Hinge - Female
Part No. C 288000000



ALFA Pediatric Standard Clamp - Hinge Connection
Part No. C 281001000



ALFA Pediatric A-P Angle Attachment Clamp
Part No. C 285001000



ALFA Pediatric Rail Hinge - Male
Part No. C 289000000



ALFA Pediatric Stacked 3 Hole Overhang Clamp
Part No. C 282001000



ALFA Pediatric Rail End Cap - Female
Part No. C 286000000



ALFA Pediatric Rail Arc Rotation End
Part No. C 290000000



ALFA Pediatric Rail Arc Clamp
Part No. C 283001000



ALFA Pediatric Rail End Cap - Male
Part No. C 287000000



ALFA Pediatric Rail

| Part No. | Size mm |
|-------------|---------|
| C 291000150 | 150mm |
| C 291000200 | 200mm |
| C 291000250 | 250mm |
| C 291000300 | 300mm |



ALFA Pediatric Arch

| | |
|-----------------|-------------|
| Part No. | Size |
| C 292000090 | Small 90° |
| C 292000120 | Medium 120° |
| C 292000180 | Large 180° |



Rail Bolt M6 Cannulated

| | |
|-----------------|----------------|
| Part No. | Size mm |
| C 262000000 | 28mm |
| C 263000000 | 38mm |



ALFA Rail Bolt M6

| | |
|-----------------|----------------|
| Part No. | Size mm |
| C 264000000 | 27mm |
| C 265000000 | 30mm |



ALFA Rail Set Screw M6X7.5mm

| | |
|-----------------|-------------|
| Part No. | C 269000075 |
|-----------------|-------------|



ALFA Locking Nut M6X6mm

| | |
|-----------------|-------------|
| Part No. | C 267000000 |
|-----------------|-------------|



ALFA Rail Bolt

| | |
|-----------------|-------------|
| Part No. | Size |
| C 268000007 | M6X7mm |
| C 293000005 | M6X5mm |



ALFA Pediatric Rotation end connector

| | |
|-----------------|-------------|
| Part No. | C 293000000 |
|-----------------|-------------|



ALFA Compression And Distraction Device

| | |
|-----------------|-------------|
| Part No. | C 270001000 |
|-----------------|-------------|

Instruments for ALFA Pediatric Fixator System



Drill Guides

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 513001000 | 6X3.2X40mm |
| C 513101000 | 6X3.2X80mm |
| C 513201000 | 6X5X40mm |
| C 513301000 | 6X5X80mm |



Guide wire sleeve

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 575001000 | 5 X 1.8 X 40mm |
| C 576001000 | 5 X 1.8 X 80mm |



Allen Key 6mm

| | |
|-----------------|-------------|
| Part No. | C 531000000 |
|-----------------|-------------|



Half Pin Introducer D Type

| | |
|-----------------|-------------|
| Part No. | C 538001000 |
|-----------------|-------------|



90° Screw Driver

| | |
|-----------------|-------------|
| Part No. | D 511001000 |
|-----------------|-------------|



A/F 3mm Straight Screw Driver

| | |
|-----------------|-------------|
| Part No. | C 577001000 |
|-----------------|-------------|



Drill Bit

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 529000000 | 3.2 X 200 mm |



Drill Bit cannulated

| | |
|-----------------|--------------------|
| Part No. | Description |
| C 574000000 | 3.2 X 1.8 X 200 mm |



Container for ALFA pediatric fixator Instrument Set

| | |
|-----------------|-------------|
| Part No. | H 989001000 |
|-----------------|-------------|