



Tel : 023 95 49 86

Mail : contact@ghl-medical.com / comercial@ghl-medical.com

Adresse : SARL GHL MEDICAL N°53 SI EL HAOUAS AIN TAYA ALGER





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.

These modern devices actually enhance bone formation by means of weight bearing and intermittent axial loading at fractures.

These devices allow the treatment of patients with complex bony defects and permit conversion from static to dynamic mode by activating integral telescopic facility in terms of CD unit.

These modern external fixator devices have been conceptualized using blood less surgery technique and minimal disruption of soft tissues that contribute to external callus formation.

EXTERNAL FIXATORS



AESCULAP CLAMP

2.5mm X 4.0mm

CAT. NO. S.191.01



AESCULAP CLAMP

4.0mm X 4.0mm

CAT. NO. S.191.02



AESCULAP CLAMP

4.5mm X 8.0mm

CAT. NO. S.191.03



8.0mm X 8.0mm

CAT. NO. S.191.04



4.5mm X 11mm

CAT. NO. S.192.01



11mm X 11mm

CAT. NO. S.192.02

 www.ghl-medical.com



DOUBLE PIN CLAMP

4.5mm X 11mm

CAT. NO. S.192.04



OPEN CLAMP

4.5mm X 11mm

CAT. NO. S.192.05



METAPHYTICAL CLAMP

(TRANSVERSE CLAMP ADJUSTABLE PIN)

CAT. NO. S.192.06



UNIVERSAL JOINT FOR TWO ROD

CAT. NO. S.192.07



A.O. TYPE CLAMP

2.5mm X 4.0mm

CAT. NO. S.193.01



A.O. TYPE CLAMP

3.5mm X 4.0mm

CAT. NO. S.193.02

 www.ghl-medical.com



BALL & SOKET CLAMP

CAT. NO. S.193.04



CONNECTING ROD

Dia.: 2.0mm
Length: 4", 6", 8", 10", 12"
CAT. NO. S.191.05.04-12



CONNECTING ROD

Dia. 2.5mm
Length: 4", 6", 8", 10", 12"
CAT. NO. S.191.07.04-12



CONNECTING ROD

Dia.: 3.0mm
Length: 4", 6", 8", 10", 12"
CAT. NO. S.191.08.04-12



CONNECTING ROD

Dia.: 4.0mm
Length: 4", 6", 8", 10", 12"
CAT. NO. S.193.03.04-12



CONNECTING ROD

Dia.: 8.0mm
Length: 6", 8", 10", 12", 14", 16"
CAT. NO. S.191.06.06-16



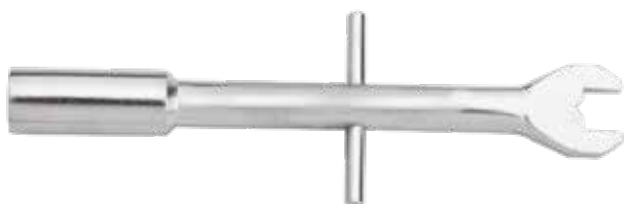
CONNECTING ROD

Dia.: 11mm
Length: 4", 6", 8", 10", 12", 14", 16", 18"
CAT. NO. S.192.03.04-18



DISTRACTOR UNIT

Length: 8", 10", 12"
CAT. NO. S.193.05.08-12



BALL & SOKET TPANNER

CAT. NO. S.193.06



T-HANDLE SPANNER

Hex: 12mm
CAT. NO. S.216.TS12



ALPHA CLAMP (LINK JOINT)

Size: 6mm X 10mm
(Upto 2mm wire & 3mm rod)

CAT. NO. S.193.08.610



BETA CLAMP (LINK JOINT)

Size: 8mm X 12mm
(Upto 3mm wire & 4mm rod)

CAT. NO. S.193.08.812



BETA CLAMP (LINK JOINT)

Dia.: 10mm X 15mm
(Upto 3mm wire & 4mm rod)

CAT. NO. S.193.08.1015



SINGLE PIN DISTRACTOR (M4) (C.T.E.V.)

Length: 75, 100, 150mm

CAT. NO. S.193.09.S.75-150



DOUBLE PIN DISTRACTOR (M4) (C.T.E.V.)

Length: 75, 100, 150mm

CAT. NO. S.193.09.D4.75-150



DOUBLE PIN DISTRACTOR (M6) (C.T.E.V.)

Length: 150, 200, 250, 300mm

CAT. NO. S.193.09.D6.150-300



STEAGHT ROD - KNURLED

Dia.: 2.0mm
Length: 75, 100mm

CAT. NO. S.193.10.075-100

Dia.: 2.5mm
Length: 75, 100, 150, 200mm

CAT. NO. S.193.11.075-100-150-200

Dia.: 3.0mm
Length: 75, 100, 150, 200, 250, 300mm

CAT. NO. S.193.12.075-100-150-200-250-300

Dia.: 4.0mm
Length: 100, 150, 200, 250, 300, 350mm

CAT. NO. S.193.13.100-150-200-250-300-350



BENT ROD- KNURLED (SMALL "L" ROD)

Dia.: 2.0, 3.0, 4.0mm

Length: 35mm X 35mm (S), 50mm X 50mm (M),
75mm X 75mm (L)

CAT. NO. S.193.14.20S-40L

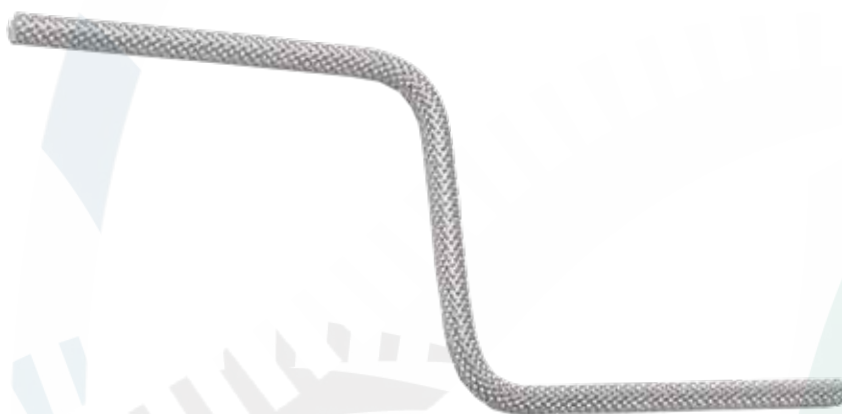


BENT ROD- KNURLED (LARGE "L" ROD)

Dia.: 2.0, 3.0, 4.0mm

Length: 50mm X 50mm (S), 60mm X 60mm (M),
90mm X 90mm (L)

CAT. NO. S.193.15.20S-40L



BENT ROD- KNURLED ("Z" ROD)

Dia.: 2.0, 3.0, 4.0mm

Length: 60mm X 45mm X 60mm (S), 80mm X 50mm X 80mm (M), 100mm X 60mm X 100mm (L)

CAT. NO. S.193.16.20S-40L



ALLEN KEY

Dia.: 2.0, 2.5, 3.0, 4.0mm

CAT. NO. S.193.17.20-40

ILIZAROV RING FIXATOR



HALF RING

Size: 100, 120, 140, 150, 160, 180, 200, 220mm

CAT. NO. S.194.100-220



5/8 RING

Size: 120, 140, 160, 180, 200mm

CAT. NO. S.195.120-200



FULL RING

Size: 120, 140, 160, 180, 200mm

CAT. NO. S.196.120-200



ITALIAN FEMORAL ARCH

Size: 90° & 120° (SMALL & LARGE)

CAT. NO. S.197.90S-120L



ARCH

Hole: 13, 25, 35

CAT. NO. S.197A.13-35



THREADED ROD (Dia.: 6.0mm)

Length: 40, 60, 80, 100, 150, 175, 200, 225, 250, 300, 350, 400mm

CAT. NO. S.198.040-400



TRLESCOPIC ROD

Length: 150, 200mm

CAT. NO. S.199.150-200



HINGES

Hole: MALE -1 Hole, FEMALE -1 Hole, 90° Hinges

CAT. NO. S.200.M01-F01-90



SIMPLE WASHER

CAT. NO. S.201



CONNICAL WASHER

CAT. NO. S.202



CONNICAL COUPLE WASHER

CAT. NO. S.203



POST - MALE

Hole: 1, 2, 3, 4

CAT. NO. S.204.M01-04



POST - FEMALE

Hole: 1, 2, 3, 4

CAT. NO. S.204.F01-04



OBLIQUE SUPPORT

CAT. NO. S.205



CURVED PLATE

CAT. NO. S.206



CONNECTING PLATE

Hole: 1+2, 1+3, 1+4, 1+5, 1+6,
1+7, 1+8, 1+9, 1+10

CAT. NO. S.207.02-10



TWISTED PLATE

Hole: 1+2, 1+3, 1+4, 1+5, 1+6

CAT. NO. S.207.01.02-06



CONNECTING BOLT

Length: 10, 15, 20mm

CAT. NO. S.208.01.10-20



**WIRE FIXATION BOLT
(HEX HEAD) (SLOTTED)**

CAT. NO. S.208.02S



**WIRE FIXATION BOLT
(HEX HEAD) (CENTRIC)**

CAT. NO. S.208.02C



**WIRE FIXATION BOLT
(TWO PART HEAD) (SLOTTED)**

CAT. NO. S.208.03S



**WIRE FIXATION BOLT
(TWO PART HEAD) (CENTRIC)**

CAT. NO. S.208.03C



NUT

CAT. NO. S.208.04



MULTY PIN FIXATION BOLT

CAT. NO. S.208.05



SINGLE PIN FIXATION BOLT

CAT. NO. S.208.06



WRENCH OF CUBE

Hole: 1, 2, 3, 4, 5

CAT. NO. S.208.07.01-05



NYLON NUT

CAT. NO. S.208.08



UNIVERSAL JOINT

CAT. NO. S.208.09



SQUARE NUT

CAT. NO. S.208.10



THREADED SOCKET

Length: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70mm

CAT. NO. S.209.25-70



OLIVE WIRE (BAYONET POINT)

Dia.: 1.8mm | Length: 16"

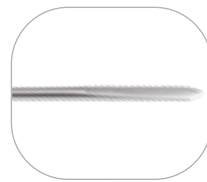
CAT. NO. S.210.1816



OLIVE WIRE (TROCAR POINT)

Dia.: 1.8mm | Length: 16"

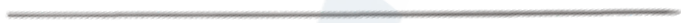
CAT. NO. S.211.1816



TENSION K-WIRE (BAYONET POINT)

Dia.: 1.8mm | Length: 16"

CAT. NO. S.212.1816



TENSION K-WIRE (TROCAR POINT)

Dia.: 1.8mm | Length: 16"

CAT. NO. S.213.1816



WIRE TENSIONER (MANNUAL)

CAT. NO. S.214



WIRE TENSIONER (DYNAMETRIC)

CAT. NO. S.215



ORDINARY FIX SPANNER

Size: 10mm x 11mm

CAT. NO. S.216.OS1011



RING SPANNER

Size: 10mm x 11mm

CAT. NO. S.216.RS1011



T-HANDLE SPANNER

Size: 10 , 11, 12mm

CAT. NO. S.216.TS10-12

WIRE - STAPLES



KIRSCHNER WIRE ("K" Wire) (Double Ended)

Dia.: 1.0, 1.2, 1.5, 1.8, 2.0, 2.5, 3.0, 3.5mm
Length: 06", 09", 12"

CAT. NO. S.164.1006-3506 CAT. NO. S.164.1009-3509
CAT. NO. S.164.1012-3512



KIRSCHNER WIRE THREADED ("K" Wire) (Single Side & Double Side)

Dia.: 1.5, 1.8, 2.0, 2.5, 3.0, 3.5mm
Length: 06", 09", 12"

CAT. NO. S.166.1506-3506 CAT. NO. S.166.1509-3509
CAT. NO. S.166.1512-3512



S.S. WIRE REEL

16 Swg TO 30 Swg
CAT. NO. S.168.16-30



DROMOND WIRE

CAT. NO. S.169



CERCLAGE WIRE

Dia.: 1.0, 1.2mm
CAT. NO. S.170.10-12



"U" STAPLE

Dia.: 2.0, 2.5, 3.0, 3.5mm
Size: 10, 15, 20, 25, 30, 35mm
CAT. NO. S.171.2010-3535



COVENTRY STAPLE

Size: Small, Medium, Large
CAT. NO. S.172.S-M-L

PINS - SCREWS



STEINMAN PIN

Dia.: 2.5, 3.0, 3.5, 4.0, 4.5, 5.0mm
Length: 06", 09"

CAT. NO. S.173.2506-5006 CAT. NO. S.173.2509-5009



DENHAM PIN

Dia.: 3.5, 4.0, 4.5, 5.0mm
Length: 09"

CAT. NO. S.174.3509-5009



SCHANZ SCREW

Dia.: 1.5, 2.0, 2.5, 3.0, 3.5mm
Length: 4"

CAT. NO. S.175.154-354



SCHANZ SCREW (16 & 32mm Thread)

Dia.: 3.0, 3.5, 4.0, 4.5, 5.0mm
Length: 6"

CAT. NO. S.175.16.306-506 CAT. NO. S.175.32.306-506



SCHANZ SCREW (16 & 32mm Thread)

Dia.: 3.0, 3.5, 4.0, 4.5, 5.0mm
Length: 8"

CAT. NO. S.175.16.308-508 CAT. NO. S.175.32.308-508



SCHANZ SCREW (CANCELLOUS THREAD)

Dia.: 4.5 X 6.5mm
Length: 9"

CAT. NO. S.176.459



SCHANZ SCREW (SELF DRILLING)

Dia.: 4.5, 5.0mm
Length: 6"

CAT. NO. S.177.456 CAT. NO. S.177.506



SCHANZ SCREW (SELF DRILLING)

Dia.: 4.5, 5.0mm
Length: 8"

CAT. NO. S.177.458 CAT. NO. S.177.508



SCHANZ SCREW TAPPER THREAD (32mm & 52mm Thread)

Dia.: 6.0mm
Length: 06"

CAT. NO. S.177.S.606



SCHANZ SCREW TAPPER THREAD (32mm & 52mm Thread)

Dia.: 6.0mm
Length: 08"

CAT. NO. S.177.S.608



HIP TRACTION SCREW

Dia.: 4.5, 5.0, 5.5, 6.5mm
Length: 8"

CAT. NO. S.178.458 CAT. NO. S.178.558
CAT. NO. S.178.508 CAT. NO. S.178.658



HIP TRACTION SCREW

Dia.: 4.5, 5.0, 5.5, 6.5mm
Length: 10"

CAT. NO. S.178.4510 CAT. NO. S.178.5510
CAT. NO. S.178.5010 CAT. NO. S.178.6510

GUIDE PIN



GUIDE PIN

Dia.: 1.0, 1.2, 1.8, 2.0, 2.5mm
Length: 09"

CAT. NO. S.187.1009-2509

Dia.: 1.8, 2.0, 2.5mm
Length: 16"

CAT. NO. S.187.1816-2516



GUIDE PIN (THREADED)

Dia.: 1.8, 2.0, 2.5mm
Length: 09"

CAT. NO. S.188.1809-2509

Dia.: 1.8, 2.0, 2.5mm
Length: 16"

CAT. NO. S.188.1816-2516



GUIDE WIRE LONG

Dia.: 1.8mm
Length: 30"

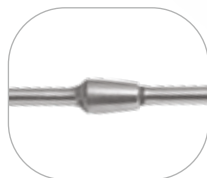
CAT. NO. S.189.1830



GUIDE WIRE LONG

Dia.: 2.0, 2.5, 3.0mm
Length: 40"

CAT. NO. S.189.2040-3040



GUIDE WIRE LONG (OLIVE END)

Dia.: 2.5, 3.0mm
Length: 40"

CAT. NO. S.190.2540-3040

RAIL FIXATION SYSTEM



Rail



Central Clamp



End Clamp



Swivel Clamp



Ball & Socket Clamp Standard



T-Ball & Socket Clamp



C D Unit



Graduated Swivel Clamp



T Clamp

RAIL EXTERNAL FIXATION SYSTEM

Trocar
Drill bit
3.2 x 200 mm L
4.8 x 200 mm L
Template for End & Central clamp
Template For Swivel Clamp
Drill Guides
6 x 3.2 x 40 mm
6 x 3.2 x 80 mm
6 x 5 x 40 mm
6 x 5 x 80 mm
5 x 2 x 43 mm(1 no)
5 x 2 x 83 mm(1 no)
Screw Guides
8 x 6 x 60 mm
8 x 6 x 100 mm
Allen Key 6 mm

Box for Rail Fixator System (Implants)
Box for Rail Fixator System (Instruments)



Metafictional clamp



Sandwich Plate



Bolt for Sandwich Plate



Dyna Ring Clamp

DYNAMIC EXTERNAL FIXATOR



**Dynamic
External
Fixator**



**Self
Adjusting
Clamp**



**T-End
Clamp**



**Elbow
Clamp**



**Linear
Dynamic**



**Dynamic
Wrist
Fixator**



**Distal
Radius
Fixator**

INSTRUMENTS FOR DYNAMIC EXTERNAL FIXATOR

Template for large & medium Dynamic External Fixator

Template for Small Dynamic External Fixator

Manipulating Forcep

Trocar

Screw Guide 8x6x60 mm

Screw Guide 8x6x100 mm

Drill Guide 6x3.2x40 mm

Drill Guide 6x3.2x80 mm

Drill Guide 6x5x40 mm

Drill Guide 6x5x80 mm

Allen Key 6mm

Box for Dynamic Fixation System
for Appliances & Implants
for Instruments

DISTAL RADIUS EXTERNAL FIXATOR

INSTRUMENTS FOR DISTAL RADIUS EXTERNAL FIXATOR SYSTEM

Distal Radius External Fixator

Distal Radius External Instrumentation set

Jig for Fixator

Half Pin Introducer for 4 mm

Torcar for Fixator

Drill Sleeve for Fixator

Screw Guide for Fixator

Drill But 2.5 mm

Allen Key Universal

Box for Distal Radius Fixator Instrument Set

PEDIATRIC RAIL SYSTEM



Rail



Central
Clamp



End
Clamp



Swivel
Clamp



CD Unit



T Clamp

INSTRUMENTS FOR PEDIATRIC EXTERNAL FIXATOR

Screw Guide 8 x 6 x 60 mm

Drill Guide 6 x 3.2 x 40 mm

Drill Bit 3.2 x 200 mm

Half Pin Introducer D Type

Allen Key 5mm

Template for Pediatric End and Central Clamp

Template for Pediatric Swivel Clamp



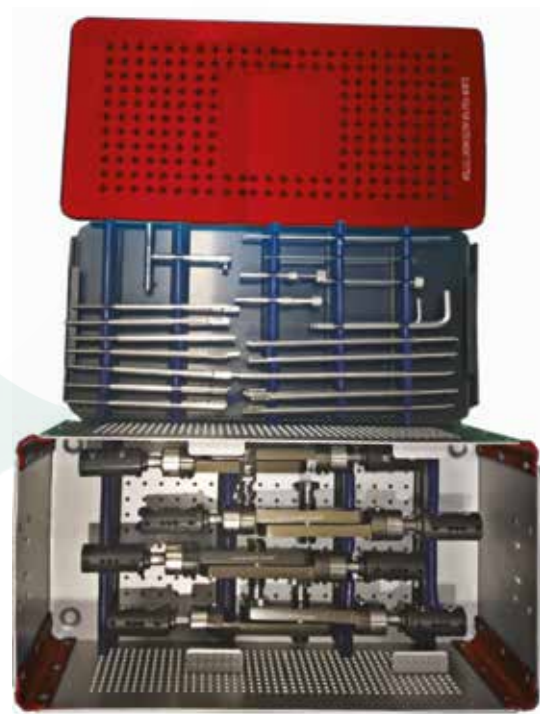
T-Ball &
Socket
Clamp

The Tapered Threaded Pins

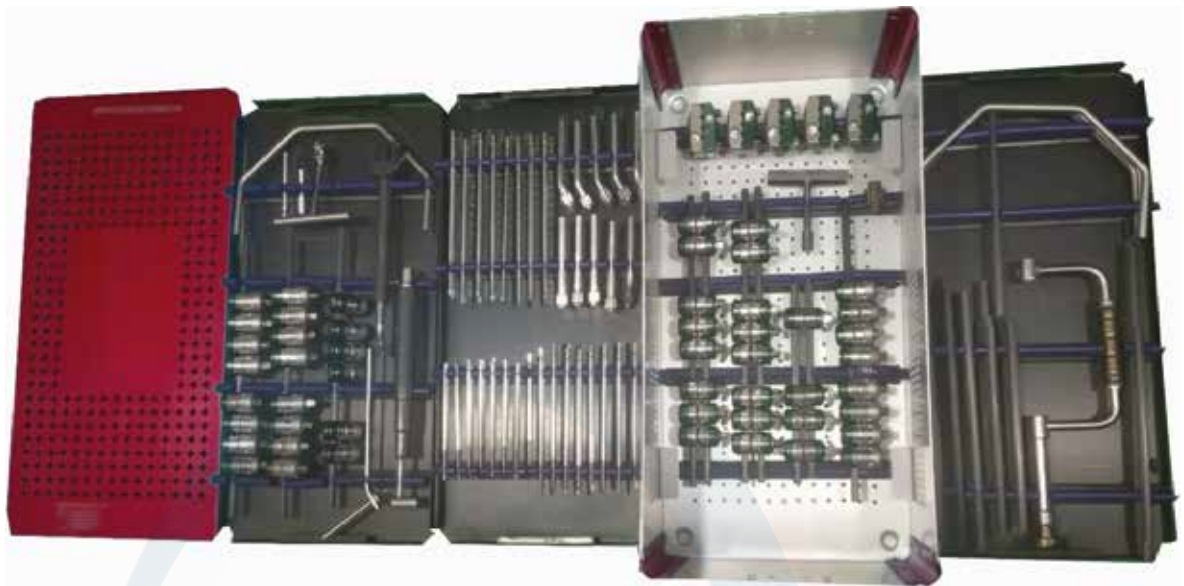
Total Length	Threaded Length in mm				
mm	20	30	40	50	60
Cortical-Shaft-6 mm/ Tapered 6 to 5 mm/ Drill bit 4.8 mm					
130					
150					
170					
200					
Cortical-Shaft 6mm/ Tapered 4.5 to 3.5 mm/ Drill bit 3.2 mm					
100					
120					
Cortical-Shaft 4mm/ Tapered 3.5 to 3.0 mm/ Drill bit 2.5 mm					
	18	20			
50					
60					
70					
80					
100					

Tapered Threaded Pins With Hydroxy Apetite Coating

Total Length	Threaded Length in mm				
mm	20	30	40	50	60
Cortical-Shaft-6 mm/ Tapered 6 to 5 mm/ Drill bit 4.8 mm					
130					
Cortical-Shaft 6mm/ Tapered 4.5 to 3.5 mm/ Drill bit 3.2 mm					
100					
120					



EXTERNAL FIXATOR INSTRUMENT SYSTEM



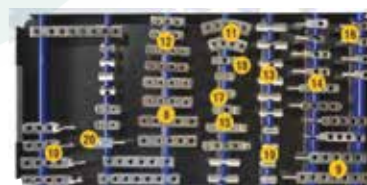
**HOFFMANN - II LARGE
EXTERNAL FIXATOR SYSTEM**



**HOFFMANN - II SMALL
EXTERNAL FIXATOR SYSTEM**



Contactez Nous



**ILIZAROV LARGE
EXTERNAL FIXATOR SYSTEM**



Contactez Nous

