

# Shoulder components

**TARGETING GUIDE**  
The Targeting Guide allows positioning and fixation of the Wire Guides which can be fixed parallel, converging or diverging according to the type of fracture



**WIRE LOCKING CLAMP**  
Consists of two disks which lock the 2.5mm Threaded Wire passing through the clamp



Galaxy Fixation system is now online!  
Visit [www.galaxyfixation.com](http://www.galaxyfixation.com)

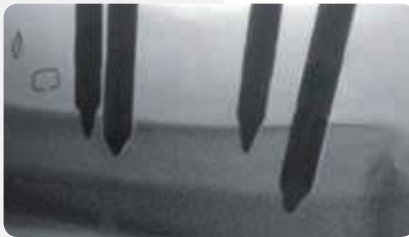
Experience the most innovative Galaxy solution with Galaxy UNYCO!  
Visit [www.galaxyunyc.com](http://www.galaxyunyc.com) and [@galaxyunyc](https://twitter.com/galaxyunyc)

Designed to facilitate the conversion from temporary to definitive fixation



Conversion into IM Nail with Galaxy UNYCO in situ

Designed to avoid contamination of the medullary canal

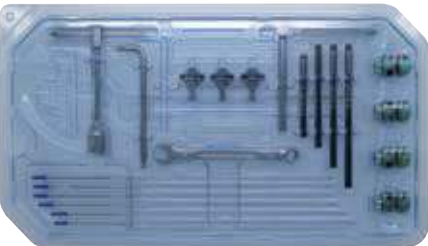


Uni-cortical screws

## Get it all sterile!

Besides the sterile pre-packaged kits, Galaxy Fixation System offers all **clamps and rods single-packed and sterile**, except for the 6mm L-rod cod. 936010. They can be ordered using the item code number preceded by 99- (e.g. 99-939300).

99-93505 Galaxy Shoulder Sterile Kit



99-93504 Galaxy Elbow Sterile Kit



99-93601 Galaxy Wrist Sterile Kit



99-93498 Galaxy Small Z-Configuration Sterile Kit



99-93501 Pelvis Sterile Kit



99-93502 Lower Limb Diaphyseal Sterile Kit



99-93503 Ankle Sterile Kit



99-93499 Ankle Sterile kit - Transfix Pin Ø4mm



99-93520 Galaxy Medium - Paediatric Sterile Kit - Ø5mm screw thread



99-93521 Galaxy Medium - Paediatric Sterile Kit - Ø4mm screw thread



Tray Configurations (all-non sterile components)\*

93991C	Galaxy Upper + Lower Complete	93998C	Galaxy Shoulder Complete
93992C	Galaxy Instruments Complete	93997C	Galaxy Elbow Complete
93993C	Galaxy Lower + Instruments Complete	93999C	Galaxy Wrist Complete
93994C	Galaxy Upper + Instruments Complete		
93995C	Galaxy Upper Complete		
93996C	Galaxy Lower Complete		

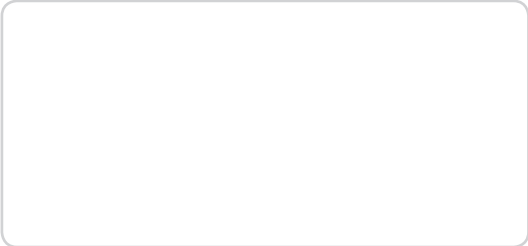
\* For item list and part numbers please see Operative Techniques GF-1101-OPT and GF-1102-OPT or Section "Galaxy Fixator" of Orthofix General Catalogue

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In a world of trauma  
a Galaxy of solutions





# Simple components, Infinite solutions

**Simple:** one clamp for rod-to-rod and pin-to-rod connections

**Easy:** snap-in system, provisional tightening by hand, definitive cam closure in one step

**Versatile:** sterile kits for each anatomical site, sterile single-packed components, instrument and implant trays

**Stable:** internal teeth and locking profiles designed to provide high torsional strength and avoid components sliding

**Bibliography**  
Giotakis N., Narayan B. Stability with unilateral external fixation in the tibia. *Strat Traum Limb Recon* (2007) 2:13–20.  
Behrens F, Johnson W. Unilateral External Fixation Methods to Increase and Reduce Frame Stiffness. *Clin Orthop Relat Res* 1989;241:48–56.



**93010 Large**  
To be used with 12mm Rod and 6mm shaft bone screws



**99-93030 Large-Medium Transition Clamp (Sterile)**  
To be used with 12mm Rod (Blue Part), 9mm Rod (Yellow Part) and 4mm Shaft Bone Screws



**93110 Medium**  
To be used with 9mm Rod and 6mm shaft bone screws



**93310 Small**  
To be used with 6mm Rods and 4mm shaft bone screws



**93020 Large Multi Screw Clamp**  
To be used with 12mm Rod and 6mm shaft bone screws



**99-93040 Double Multiscrew Clamp Large**  
To be used with 12mm Rods and 4 or 6mm shaft bone screws



**99-93120 Medium Multiscrew Clamp (Sterile)**  
To be used with 9mm Rod and 6mm shaft bone screws



**99-93140 Double Multiscrew Clamp Medium**  
To be used with 9mm Rods and 4 or 6mm shaft bone screws



**93330 Small Multiscrew Clamp-Short**  
To be used with 6mm Rods and 3 or 4mm shaft bone screws



**93320 Small Multiscrew Clamp-Long**  
To be used with 6mm Rods and 3 or 4mm shaft bone screws



**FAST CLOSURE**  
**Metal Ring**  
Pre-closure by hand without the need of wrench

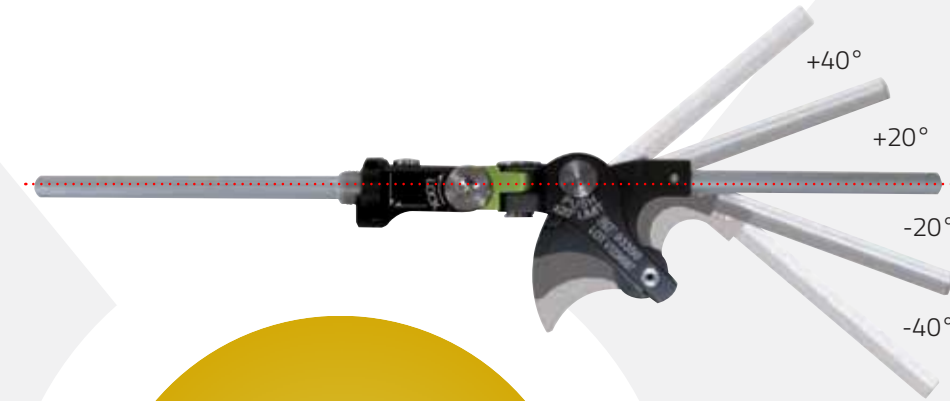
**FAST LOCKING**  
**Cam closure in one step**

**TORSIONAL STRENGTH**  
**Internal Spring + Locking profile**  
designed to provide high torsional strength on rod

**STABILITY**  
**Internal teeth+spring**  
to provide "friction clutch" between the 2 parts of the clamp to avoid sliding during surgery

THE SYSTEM IS MRI CONDITIONAL AT 1.5 AND 3 TESLA  
More details are available on relevant Instructions For Use - PQGAL

## Wrist components



**JOINT MOBILISATION DURING TREATMENT**  
( $\pm 20^\circ / \pm 40^\circ$ ) for improved functional recovery and Patient comfort.

**RADIOLOUCENCY**  
for appropriate fracture site visibility

**EASY COMPRESSION AND DISTRACTION**

**Bridging**



**Non Bridging**



## Elbow components



**ELBOW HINGE**  
**Radiolucent hinge**  
Allows identification of the centre of rotation of the elbow, flexion-extension (up to  $175^\circ$ ) and micrometric distraction (15mm) of the joint



**ELBOW MOTION UNIT**  
Allows controlled, limited flexion-extension of the joint



**ELBOW DISTRACTOR**  
To distract the joint intra-operatively in case of elbow stiffness

