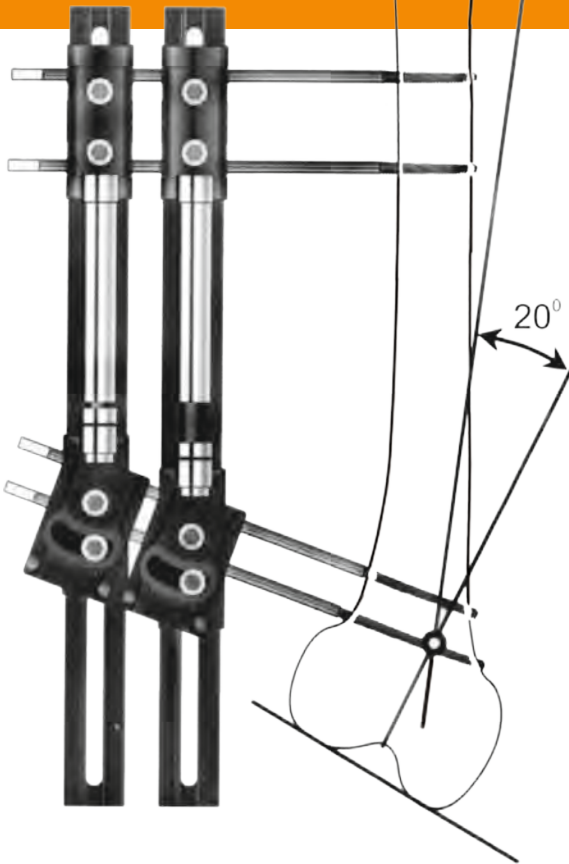


MODERN EXTERNAL FIXATION DEVICES



S. H. PITKAR ORTHOTOOLS PVT. LTD.

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ISO 13485 and Indian FDA approved company
CIN : U33119PN1990PTC055384

www.pitkar.com



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- SHPOPL offer comprehensive solutions in Modern External fixation devices for various applications including temporary fixation program. The various devices available are Dynamic External Fixator, Rail Fixator, Pediatric Rail Fixator and Distal Radius Fixator under this series.
 - These modern external fixator devices has been conceptualized using blood less surgery technique and minimal disruption of soft tissues that contribution to external callus formation.
 - 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.
 - These modern devices actually enhance bone formation by means of weight bearing and intermittent axial loading at fractures.
 - 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.

Rail Fixation System



Rail
Length
240 mm **Part No.** C 163000240
300 mm C 163000300
400 mm C 163000400



Central Clamp
Part No. C 165001000



End Clamp
Part No. C 164001000



Swivel Clamp
Part No. C 166001000



Metaphyseal Clamp
Part No. C 221001000



Ball & Socket Clamp Standard
Part No. C 167001000



T-Ball & Socket Clamp
Part No. C 176001000



Square C D Unit
Length
40 mm **Part No.** C 236401000
80 mm C 236801000
100 mm C 236001000



Graduated Swivel Clamp
Part No. C 180001000



Multiaxial Clamp
Part No. C 224001000



Dyna Ring Clamp
Part No. C 183001000



T Clamp
Part No. C 168001000



Sandwich Plate
Part No. C 182001000



Bolt for Sandwich Plate
Part No. C 185000000

Instruments For The Rail Fixation System

Trocar C 514001000
Drill bit
3.2 x 200 mm L C 529000000
4.8 x 200 mm L C 530000000
Template for End & Central Clamp C 527001000
Template for Swivel Clamp C 528001000
Drill Guides
6 x 3.2 x 40 mm C 513001000
6 x 3.2 x 80 mm C 513101000
6 x 5 x 40 mm C 513201000

6 x 5 x 80 mm	C 513301000
Drill Guides	
5 x 2 x 43 mm	C 561001000
5 x 2 x 83 mm	C 561101000
Screw Guide	
8 X 6 X 60 mm	C 512001000
8 X 6 X 100 mm	C 512101000
Allen key 6 mm	C 531000000
Half Pin Introducer	
D Type	C 538001000
Container for Rail	
Fixator System	
For Appliances	H 847001000
For Instruments	H 848001000

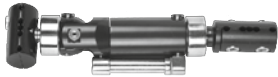
Dynamic External Fixator



Dynamic External Fixator	
Description	Part No.
Large	C 154031000
Medium	C 154021000
Small	C 154011000



T-End Clamp	
Part No.	C 175001000



Self Adjusting Clamp with medium Dynamic External Fixator	
Part No.	C 187001000



Elbow Clamp	
Part No.	C 215001000

Instruments for Dynamic External Fixator

Half Pin Introducer	
D Type	C 538001000
Template for large & medium Dynamic External Fixator	C 511001000
Template for Small Dynamic External Fixator	C 511101000
Allen Key 6mm	C 531000000
Manipulating Forcep	C 515001000
Trocar	C 514001000
Screw Guide	
8 X6X60 mm	C 512001000
8 X6X100 mm	C 512101000
Drill Guide	
6X3.2X40 mm	C 513001000
6X3.2X80mm	C 513101000
6X5X40mm	C 513201000
6X5X80mm	C 513301000
Container	
For Appliances	H 849001000
For Instruments	H 850001000

Pediatric Rail System



Rail Pediatric	
Length	Part No.
150 mm	C 208000150
200 mm	C 208000200
250 mm	C 208000250



Central Clamp Pediatric	
Part No.	C 210001000



End Clamp Pediatric	
Part No.	C 209001000



Swivel Clamp Pediatric	
Part No.	C 211001000



CD Unit Pediatric	
Part No.	C 174001000



T Ball & Socket Clamp Pediatric*

* Items under development

Mini Rail Vertical Axis



Mini Rail Horizontal Axis

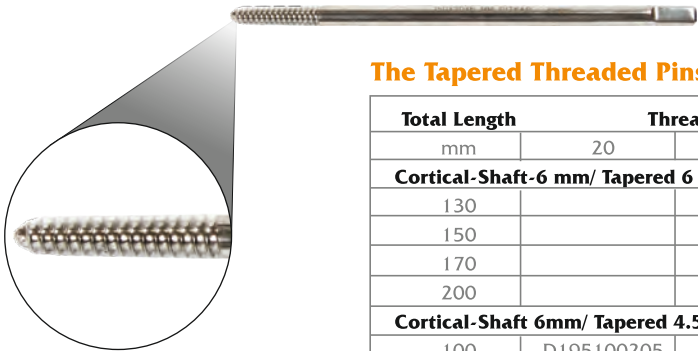
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Container	H 865001000
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Distal Radius Fixator

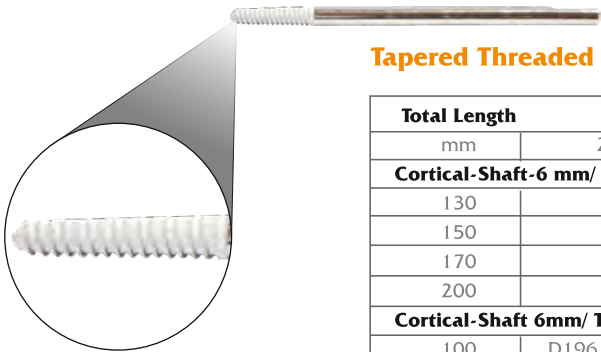
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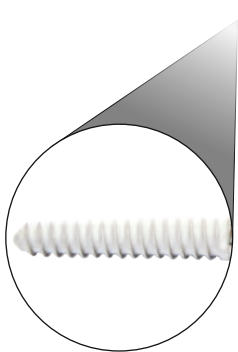
The Tapered Threaded Pins

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		D195130306	D195130406	D195130506	
150		D195150306	D195150406	D195150506	
170			D195170406	D195170506	D195170606
200			D195200406	D195200506	D195200606
Cortical-Shaft 6mm/ Tapered 4.5 to 3.5 mm/ Drill bit 3.2 mm					
100	D195100205	D195100305			
120		D195120305	D195120405		
Cortical-Shaft 4mm/ Tapered 3.5 to 3.0 mm/ Drill bit 2.5 mm					
	18	20			
50	C 186050184				
60		C 186060204			
70		C 186070204			
80		C 186080204			
100		C 186100204			



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		D196130306	D196130406	D196130506	
150		D196150306	D196150406	D196150506	
170			D196170406	D196170506	D196170606
200			D196200406	D196200506	D196200606
Cortical-Shaft 6mm/ Tapered 4.5 to 3.5 mm/ Drill bit 3.2 mm					
100	D196100205	D196100305			
120		D196120305	D196120405		
All screws are made of stainless steel in accordance to ISO-5832-1 or ASTM-F-138-97.					



Tapered Threaded Pins Titanium

Total Length		Threaded Length in mm			
mm	20	30	40	50	60
Cortical-Shaft-6 mm/ Tapered 5 to 6 mm/ Drill bit 4.8 mm					
130		D205130306	D205130406		
150		D205150306	D205150406		
170		D205170306	D205170406	D205170506	D205170606
200		D205200306	D205200406	D205200506	D205200606
All screws are made of titanium in accordance to ISO-5832-3.					

