

Ring Fixator System

Product Rationale



OrthoSolutions 
Group

Advancing Foot & Ankle Care

Design rationale

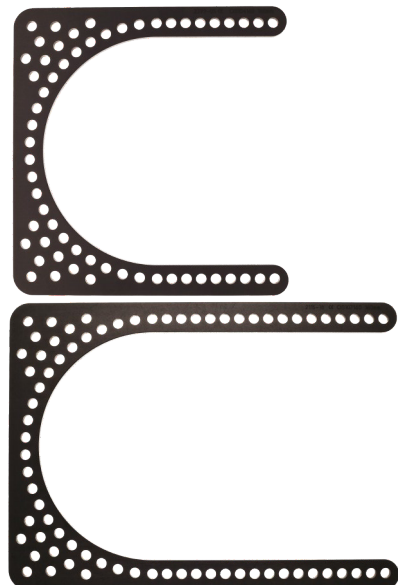
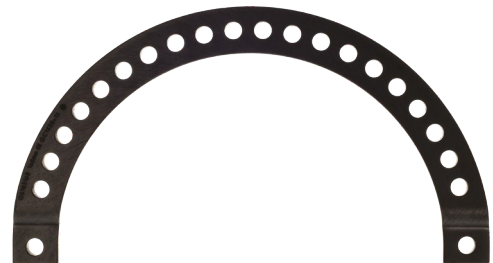
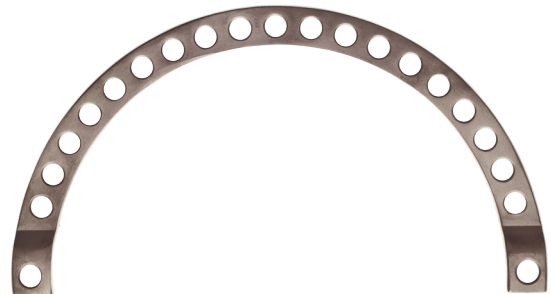
The Ortho Solutions Ring Fixator System (RFS) is a cost-effective and fully compatible alternative to the “original Ilizarov” apparatus. Adopted by many orthopaedic centres in the UK since its launch in 2003, the RFS can help meet tight budget restrictions without any clinical compromise.

Ortho Solutions provide a comprehensive selection of RFS products including composite and stainless steel rings, with optional titanium half rings available on request.

We are committed to professional education and regularly organise courses in conjunction with consultant orthopaedic surgeons to teach fundamental and advanced external fixation techniques.

Rings

Product code		Internal diameter
Stainless steel and titanium half rings		
Stainless steel	Titanium	
OS190080 - NS		80mm
OS190100 - NS		100mm
OS190110 - NS		110mm
OS190120 - NS		120mm
OS190130 - NS		130mm
OS190140 - NS	OS190140Ti	140mm
OS190150 - NS	OS190150Ti	150mm
OS190160 - NS	OS190160Ti	160mm
OS190180 - NS	OS190180Ti	180mm
OS190200 - NS		200mm
OS190220 - NS		220mm
OS190240 - NS		240mm
Composite		
OS103080		80mm
OS103100		100mm
OS103110		110mm
OS103120		120mm
OS103130		130mm
OS103140		140mm
OS103150		150mm
OS103160		160mm
OS103180		180mm
OS103200		200mm
OS103220		220mm
OS103240		240mm
OS103300		300mm
Composite foot rings - short		
OS104100		100mm
OS104120		120mm
OS104140		140mm
OS104160		160mm
OS104180		180mm
Composite foot rings - long		
OS107100		100mm
OS107120		120mm
OS107140		140mm
OS107160		160mm
OS107180		180mm

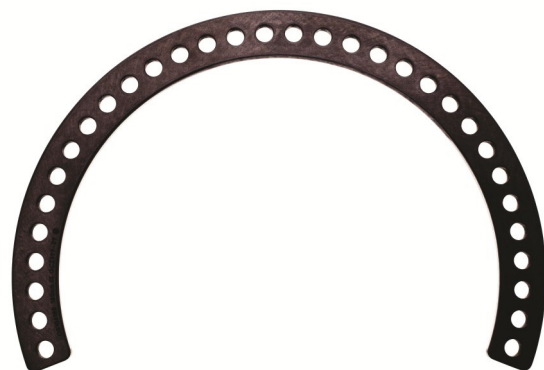


Rings /cont

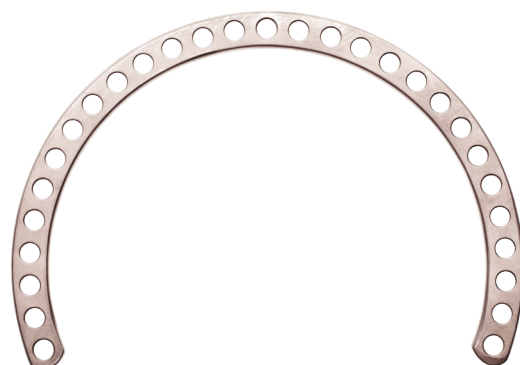
Product code		Description
Italian arches		
OS1081090	90° arch	Small
OS1081120	120° arch	Small
OS1083090	90° arch	Large
OS1083120	120° arch	Large



Product code	Internal diameter
Composite 5/8 rings	
OS106130	130mm
OS106150	150mm
OS106160	160mm
OS106180	180mm
OS106200	200mm



5/8 rings	
OS102130 - NS	130mm
OS102150 - NS	150mm
OS102160 - NS	160mm
OS102180 - NS	180mm



Threaded rods, telescopic rods, posts & hinges

Product code	Length
Threaded rods	
OS111040	40mm
OS111060	60mm
OS111080	80mm
OS111100	100mm
OS111120	120mm
OS111150	150mm
OS111200	200mm
OS111250	250mm
OS111300	300mm
OS111350	350mm
OS111400	400mm



Threaded rods - slotted	
OS112040	40mm
OS112060	60mm
OS112080	80mm
OS112100	100mm



Threaded rods - partial	
OS113130	130mm
OS113170	170mm
OS113210	210mm



Oblique support connection	
OS1801000	



Telescopic rods	
OS114100	100mm
OS114150	150mm
OS114200	200mm
OS114250	250mm



Graduated telescopic rods	
OS115060	60mm
OS115100	100mm
OS115150	150mm
OS115200	200mm



Threaded rods, telescopic rods, posts & hinges

/cont

Product code	Description
Posts - female	
OS121002	2 holes
OS121003	3 holes
OS121004	4 holes
Posts - male	
OS122002	2 holes
OS122003	3 holes
OS122004	4 holes
Hinges - female	
OS123001	Standard
OS123002	Low profile
Hinges - male	
OS124001	Standard
OS124002	Low profile
Hinges - 90°	
OS125190	Standard
OS125290	Low profile
Universal joint	
OS1771000	
Translation/Rotation device	
OS1791000	



Plates, bushing & threaded sockets

Product code	Length	Holes
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Short connection plates

OS131235	35mm	2
OS131345	45mm	3
OS131455	55mm	4
OS131565	65mm	5
OS131675	75mm	6
OS131785	85mm	7
OS131895	95mm	8
OS1319105	105mm	9
OS13110115	115mm	10



Long connection plates

OS1338155	155mm	8
OS13312235	235mm	12
OS13317335	335mm	17



Twisted plates

OS140245	45mm	2
OS140365	65mm	3
OS140485	85mm	4



Connection plates with threaded ends

OS1355135	135mm	5
OS1357175	175mm	7
OS1359215	215mm	9
OS13511255	255mm	11



Curved plate

OS141003	3
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Bushing

OS142000



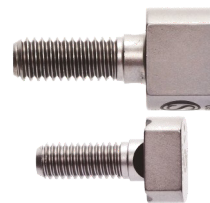
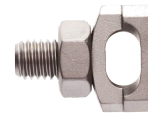
Threaded sockets

OS148020	20mm
OS148030	30mm
OS148040	40mm
OS148060	60mm



Wires, pins, fixation bolts & pin blocks

Product code	Description
Wires - straight	
OS100005 - S*	1.5mm x 300mm Bayonet tip
OS100001 - S*	1.8mm x 370mm Bayonet tip
* For non-sterile wires add suffix "NS" ie OS100001NS	
Olive wire	
OS100006 - S*	1.5mm x 300mm Bayonet tip
OS100002 - S*	1.8mm x 400mm Bayonet tip
* For non-sterile wires add suffix "NS" ie OS100001NS	
Single pin fixation bolt	
OS167000	
Half pin fixation bolts	
OS166050	For 4mm and 5mm pins
OS166060	For 6mm pins
Wire fixation bolts	
OS162000	Slotted
OS162001	Slotted - long
OS163000	Cannulated
OS163001	Cannulated - long
OS164000	Cannulated with threaded head
OS165000	Russian - slotted
Pin blocks	
OS179001	1 hole
OS179002	2 holes
OS179003	3 holes
OS179004	4 holes
OS179005	5 holes
Centering Sleeves	
OS180005	For 4mm and 5mm pins
OS180006	For 6mm pins
Set screw	
OS176000	

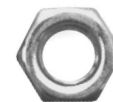


Bolts, nuts & washers

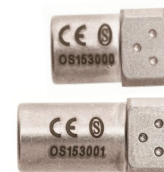
Product code	Length
Connection bolts	
OS149008	8mm
OS149010	10mm
OS149012	12mm
OS149014	14mm
OS149016	16mm
OS149020	20mm
OS149030	30mm



Product code	Description
Nuts	
OS150006	Nut 10mm
OS151000	Thin nut 10mm
OS152000	Nylon insert nut 10mm
OS153013	Nut 13mm



Square nuts	
OS153000	Square nut 10mm
OS153001	Square nut 10mm - long



Product code	Thickness	Diameter
Spacing washers		
OS154015	1.5mm	12mm
OS154020	2mm	14mm
OS156080	2mm	20mm



Slotted washer	
OS157040	4mm



Flat sided washers	
OS156020	2mm
OS156040	4mm



Split locking washer	
OS155020	



Star washer	
OS156060	



Conical washer (pair)	
OS1581000	



Pin block instruments

Product code	Description
Depth gauge	
OS100013	
Drill guide	
OS100015	
Screwdriver	
OS100018	Straight screwdriver for set screw
Drill	
OS200527	2.7mm drill with 6mm shank (4mm pin)
OS200438	3.8mm drill with 6mm shank (5mm pin)
OS200548	4.8mm drill with 6mm shank (6mm pin)
Pin driver	
OS100014	
Trocar	
OS100017	
90° screwdriver	
OS100019	90° screwdriver for set screw



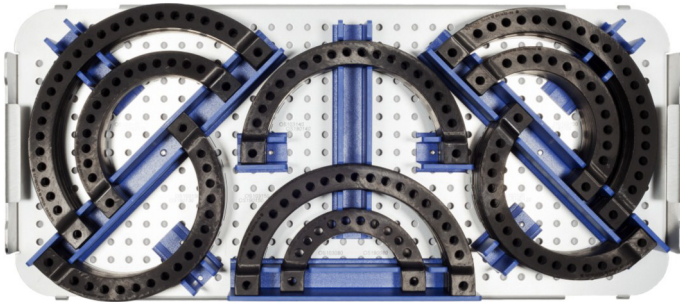
Instruments

Product code	Description
Wire tensioner	
OS100010	Wire tensioner - direct measuring
Mallet 9 inches	
OS5051000	
Combi wrench	
OS100021	Combi wrench with flex head 10mm
Box wrench	
OS5001000	Box wrench for bolt
OS5011000	Box wrench for nut
Wire cutter	
OS391930	
Combi wrench	
OS100020	Combination wrench 10mm
OS100023	Combination wrench 13mm
OS100024	Combination wrench 16mm (optional)

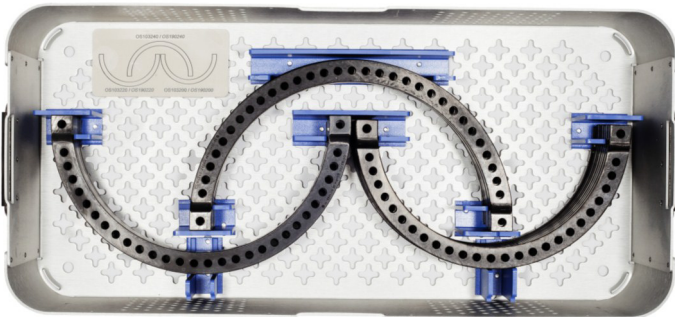
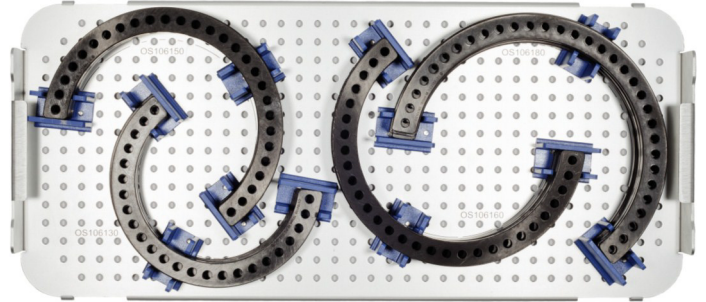


Ring fixator system trays

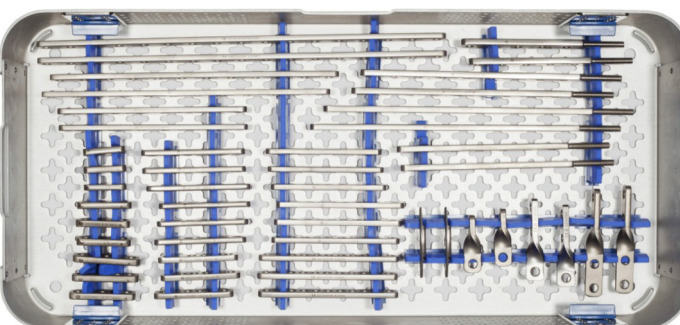
Half rings tray
OS100030



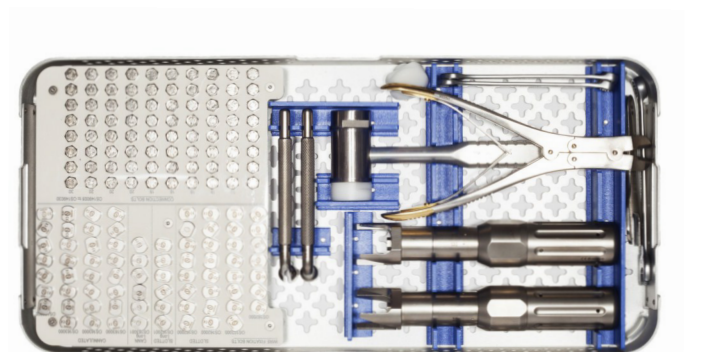
Speciality rings & arches
OS100031



Plates & telescopic rods
OS100032

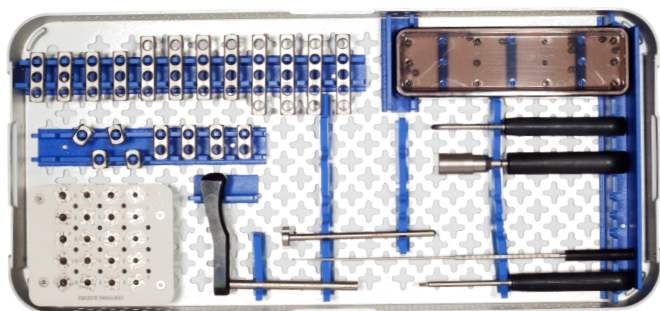


Instruments & bolts tray
OS100033

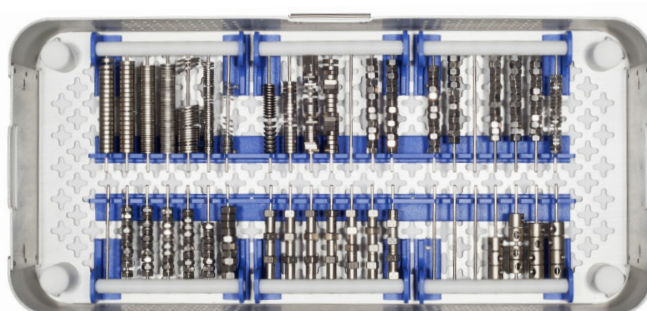


Ring fixator system trays

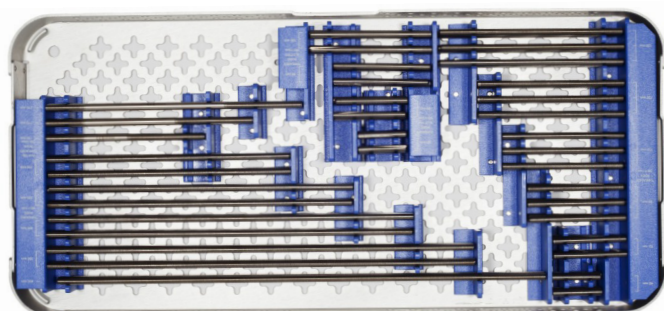
Pin block system tray
OS100034



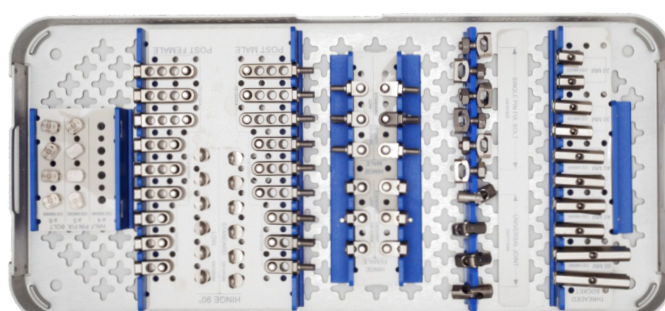
Nuts, washers & wires
OS100035



Threaded rods tray
OS100036



Posts, hinges & supports
OS100037





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OS TD 00108_18 – Rev 04 –
Effective Date: Sep-25

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Consult
instructions
for use

CE
2797²



Surgeon must be
fully trained in the
surgical technique

² CE marking and the notified body number is applied per part number and
appears on the device packaging, or the device if applicable.