

Smith+Nephew

SMART TSF<sup>◇</sup>  
Circular Fixator

# Hardware pocket reference guide



## SMART TSF<sup>◇</sup> Aluminum Rings (8mm thickness)

### Half Rings

Cat. No.	ID
71075123	130mm
71075124	155mm
71075125	180mm
71075126	205mm
71075127	230mm



### \*OrthoSpecialties additional Half Ring sizes

Cat. No.	ID
71933305M	255mm
71933308M	275mm
71933311	300mm

### 2/3 Rings with 7-Hole Tab

Cat. No.	ID
71070131	80mm (no tabs)
71075132	105mm
71075133	130mm
71075306	155mm
71075307	180mm
71075308	205mm
71075309	230mm



### \*OrthoSpecialties additional 2/3 Ring sizes

Cat. No.	ID
71933306M	255mm
71933309M	275mm
71933312	300mm

\*OrthoSpecialties sizes have longer lead time and may not be available in all regions - contact your Smith+Nephew Rep for guidance

## Full Rings with 7-Hole Tab

Cat. No.	ID
71070111	80mm (no tabs)
71075112	105mm
71075113	130mm
71075114	155mm
71075115	180mm
71075116	205mm
71075117	230mm



## \*OrthoSpecialties additional Full Ring sizes

Cat. No.	ID	Notes
71933304M	255mm	
71933307M	275mm	
71933310	300mm	Not CE Marked

## Foot Rings

Cat. No.	ID
71075144	155mm Long
71075145	180mm Long
71075154	155mm Short
71075155	180mm Short



## \*OrthoSpecialties additional Foot Ring sizes

Cat. No.	Dimensions	Notes
71929282	130mm ID, 240mm Length	Not CE Marked
71927191	205mm ID, 300mm Length	Not CE Marked

## U-Rings

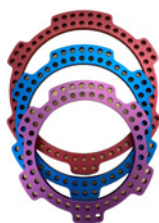
Cat. No.	ID
71071301	80mm
71075302	105mm
71075303	130mm
71075304	155mm
71075305	180mm



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## Colored Rings

Cat. No.	ID	Description	Color
71075232P	105mm	2/3 Ring	Purple
71075132B	105mm	2/3 Ring	Blue
71075132R	105mm	2/3 Ring	Red
71075233P	130mm	2/3 Ring	Purple
71075133B	130mm	2/3 Ring	Blue
71075133R	130mm	2/3 Ring	Red
71075306B	155mm	2/3 Ring	Blue
71075306R	155mm	2/3 Ring	Red
71075206P	155mm	2/3 Ring	Purple
71075307B	180mm	2/3 Ring	Blue
71075307R	180mm	2/3 Ring	Red
71075207P	180mm	2/3 Ring	Purple
71075212P	105mm	Full Ring	Purple
71075112B	105mm	Full Ring	Blue
71075112R	105mm	Full Ring	Red
71075113B	130mm	Full Ring	Blue
71075113R	130mm	Full Ring	Red
71075213P	130mm	Full Ring	Purple
71075114B	155mm	Full Ring	Blue
71075114R	155mm	Full Ring	Red
71075214P	155mm	Full Ring	Purple
71075115B	180mm	Full Ring	Blue
71075115R	180mm	Full Ring	Red
71075215P	180mm	Full Ring	Purple
71075224P	155mm	Half Ring	Purple
71075124B	155mm	Half Ring	Blue
71075124R	155mm	Half Ring	Red
71075225P	180mm	Half Ring	Purple
71075125B	180mm	Half Ring	Blue
71075125R	180mm	Half Ring	Red
71075144B	155mm	Long Foot Ring	Blue
71075144R	155mm	Long Foot Ring	Red
71075244P	155mm	Long Foot Ring	Purple
71075145B	180mm	Long Foot Ring	Blue
71075145R	180mm	Long Foot Ring	Red
71075245P	180mm	Long Foot Ring	Purple



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**\*OrthoSpecialties small size single row aluminum rings**  
 - Not for use with Struts

Cat. No.	ID	Notes
71935752	Full Ring 80mm	Not CE Marked
71935753	Full Ring 90mm	Not CE Marked
71935757	2/3 80mm	Not CE Marked
71935758	2/3 90mm	Not CE Marked
71935560	2/3 105mm	Not CE Marked
71935561	2/3 130mm	Not CE Marked



**Assembled ILIZAROV™ Foot and Ankle Frames with TSF® Rings**

Cat. No.	ID
71070395	155mm Rings
71070396	180mm Rings



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# ILIZAROV™ Stainless Steel Rings

## Half Rings

Cat. No.	ID
101317	80mm
101300	100mm
101301	110mm
101302	120mm
101303	130mm
101304	140mm
101305	150mm
101306	160mm
101307	180mm
101308	200mm
101309	220mm
101310	240mm



## 5/8 Rings

Cat. No.	ID
101323	130mm
101325	150mm
101326	160mm
101327	180mm



## \*OrthoSpecialties additional 5/8 Ring sizes

Cat. No.	ID
71929136	220mm
71929137	240mm

## Half Rings with curved extremities

Cat. No.	ID
101332	120mm
101333	130mm
101335	150mm



## Femoral Arches

Cat. No.	ID	Arc
201002	Small	90°
201004	Small	120°
201006	Large	90°
201008	Large	120°



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# ILIZAROV™ Composite Rings

## Half Rings

Cat. No.	ID
101367	80mm
101350	100mm
101351	110mm
101352	120mm
101353	130mm
101354	140mm
101355	150mm
101356	160mm
71101347	170mm
101357	180mm
101358	200mm
101359	220mm
101360	240mm



## 5/8 Rings

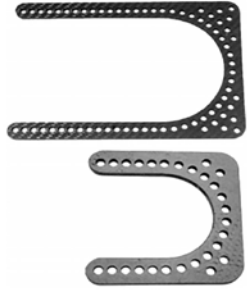
Cat. No.	ID
101363	130mm
101364	150mm
101365	160mm
101366	180mm
71101362	200mm



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## Foot Rings

Cat. No.	ID
101209	100mm
101211	120mm
101213	140mm
101215	160mm
101217	180mm
101210	100mm
101212	120mm
101214	140mm
101216	160mm
101218	180mm



## \*OrthoSpecialties additional Foot Ring sizes

Cat. No.	ID
71926066	200mm

## Femoral Arches - 6mm thickness

Cat. No.	ID	Arc
201030	Small	90°
201032	Small	120°
201034	Large	90°
201036	Large	120°



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# Plates and Connectors

## SMART TSF<sup>®</sup> Step-Off Plates

Cat. No.	Description	Size
71075275	SMART TSF Step-Off Plate	Neutral
71075285	SMART TSF Step-Off Plate	30mm



## SMART TSF Beacon Mount

Cat. No.	Description
71075554	SMART TSF Beacon Mount



## Extended Connectors

Cat. No.	Length
71070282	30mm
71070283	50mm



## Short Connection Plates (SST)

Cat. No.	Length	Holes
101810	35mm	2
101800	45mm	3
101801	55mm	4
101802	65mm	5
101803	75mm	6
101804	85mm	7
101805	95mm	8
101806	105mm	9
101807	115mm	10



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### Long Connection Plate (SST)

Cat. No.	Length	Holes
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100400	155mm	8
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100401	235mm	12
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100402	335mm	17
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### \*OrthoSpecialties Connection Plates with oval slot

Cat. No.	Length	Holes	Notes
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71933833	35mm	2H	Not CE Marked
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71933834	45mm	3H	Not CE Marked
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71933835	55mm	4H	Not CE Marked
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71933836	65mm	5H	Not CE Marked
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71933837	75mm	6H	Not CE Marked
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71933838	85mm	7H	Not CE Marked
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71933839	95mm	8H	Not CE Marked
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71933840	105mm	9H	Not CE Marked
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71933841	115mm	10H	Not CE Marked
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### Twisted Plates (SST)

Cat. No.	Length	Holes
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L101900	45mm	2
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101901	65mm	3
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101902	85mm	4
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### Curved Plate (SST)

Cat. No.	Holes
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102000	3
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### Lobe Plate

Cat. No.	Description
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71070160	75mm Lobe Plate for 6+6 Midfoot/ Forefoot applications
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# SMART FX Struts and Telescopic Rods

## SMART FX Struts

Cat. No.	Description	Range
71075705	xShort	80-105mm
71075710	Short	98-142mm
71075720	Medium	135-215mm
71075730	Long	190-311mm



## SMART Standard Struts

Cat. No.	Description	Range
71075200	xxShort	59-76mm
71075205	xShort	69-96mm
71075210	Short	88-125mm
71075220	Medium	115-179mm
71075230	Long	168-285mm



## FAST FX<sup>®</sup> Struts

Cat. No.	Length	Holes
71070705	xShort	91-121mm
71070710	Short	116-152mm
71070720	Medium	143-205mm
71070730	Long	195-311mm



## Graduated Telescopic Rods (Clickers)

Cat. No.	Length	Extension Distance
100104	60mm	16mm
100105	100mm	40mm
100106	150mm	70mm
100107	200mm	110mm
100108	250mm	110mm



## Telescopic Rods (SST and Aluminum)

Cat. No.	Length	Extension Distance
100100	100mm	55mm
100101	150mm	75mm
100102	200mm	100mm
100103	250mm	110mm



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# Rods, Supports, Posts and Hinges

## Threaded Rods (SST)

Cat. No.	Length	Pk Qty
71012229	30mm	5
102300	60mm	5
102301	80mm	5
102302	100mm	5
102303	120mm	5
102304	150mm	5
102305	200mm	5
102311	250mm	5
102312	300mm	5
102313	350mm	5
102314	400mm	5



## Threaded Rods Slotted (SST)

Cat. No.	Length	Pk Qty
102400	40mm	5
102401	60mm	5
102402	80mm	5
102403	100mm	5



## Threaded Hex Sockets (SST)

Cat. No.	Length
100900	20mm
100901	40mm
100910	30mm
100911	60mm



## Convert Hexapod to Static

Cat. No.	Description	PK Qty	Notes
71078550	SMART TSF <sup>o</sup> Conversion Clamp	2	Sterile



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### Oblique Support Connection (SST)

**Cat. No.**

201300



### Hinges Male (SST)

**Cat. No. Description**

101600 Standard

101602 Low Profile



### Hinges Female (SST)

**Cat. No. Description**

101700 Standard

101702 Low Profile



### Hinges 90° (SST)

**Cat. No. Length**

102500 Low Profile

102501 High Profile



### Posts Male (SST)

**Cat. No. Holes**

101400 2

101401 3

101402 4



### Posts Female (SST)

**Cat. No. Holes**

101500 2

101501 3

101502 4



### \*OrthoSpecialties additional sizes

#### ILIZAROV™ Post (SST)

**Cat. No. Length Notes**

71930685 70mm Male Post Not CE Marked



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### Rancho Cubes (SST)

Cat. No.	Holes
103451	1
103452	2
103453	3
103454	4
103455	5



### \*OrthoSpecialties additional sizes

Cat. No.	Description	Notes
71932452	1 Hole 3° Rancho Cube	Not CE Marked



### Pin Clamp (SST) Does not require Centering Sleeve

Cat. No.	Holes
100301	1
100302	2
100303	3
100304	4
100305	5



### Rancho Cubes with Posts

Cat. No.	Holes
71070273	1
71070274	2



### Angled Pin Connectors

Cat. No.	Holes
71070276	35mm
71070278	85mm



### Centering Sleeves

Cat. No.	Description
103404	4mm
103405	5mm
103406	6mm
71070272	6mm Long* *use with Angled Pin Connector



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### Set Screws (SST)

Cat. No.	Description	Pk Qty
112727	Vibra-Seal™ coated, 3mm	10



### Universal Joint (SST)

Cat. No.
102550



### Wire Fixation Buckles (SST)

Cat. No.	Description
100200	For SST Ring
100250	For Composite Ring



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# Nuts, Bolts and Washers

## Nut (SST)

Cat. No.	Description	Feature	Pk Qty
103300	10mm Nut	5mm thick	20
103301	10mm Nylon Nut	5mm thick	20
103303	Thin Nut	2.5mm thick	20
71070286	Thick Italian Nut	6mm thick	20
71070285	Russian Nut	18mm height	5



## 4 Point Disctraction-Compression Counter

Cat. No.	Description	Pk Qty
103302	10mm Square Head	1



## Connection Bolts

Cat. No.	Description	Pk Qty
100550	8mm	20
103200	10mm	20
71070515	12mm	20
103201	16mm	20
103203	20mm	20
103202	30mm	20



## Shoulder Bolt for TSF® Struts

Each Strut is supplied with two Shoulder Bolts

Cat. No.	Description	Pk Qty
71075310	Shoulder Bolt	1



## Dynamization









Cat. No.	Description	Pk Qty
71075315	Kit	6 Bolts+6 Washers
71075316	Washer	4 Washers



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## Wire Fixation Bolts

Cat. No.	Description	Pk Qty	
71075284	Wire Combi Bolt Slotted/ Cannulated	5	
71075283	Wire Combi Bolt Slotted/ Cannulated Long	5	
100600	Cannulated	5	
100700	Slotted	5	
100601	Cannulated with Threaded Head	5	
71013000	Long Slotted	5	
71013002	Long Cannulated	5	
71010705	Russian Fixation Bolt Slotted with Hex Head	5	

## \*OrthoSpecialties Wire Fixation Bolt additional sizes

Cat. No.	Description	Pk Qty
71935754	Slotted for 1.2mm Wire	1

## Pin Fixation Bolts

Cat. No.	Description	Pk Qty	
100613	3mm	5	
100614	4mm	5	
100615	5mm	5	
100616	6mm	5	

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## Washer

Cat. No.	Thickness	ID	OD	Pk Qty
102700	1.0mm	7.0mm	14mm	20
102701	2.0mm	7.0mm	14mm	20
201800	1.8mm	8.4mm	16-20mm	20



## Slotted Washer (SST)

Cat. No.	Description	Pk Qty
102600	4.0mm	20



## Fixation Bolt Washer (SST)

Cat. No.	Description	Pk Qty
102706	2.0mm	20
102707	4.0mm	20



## Locking Washer (SST)

Cat. No.	Thickness	Pk Qty
102702	2.0mm	20



## Star Washer (SST)

Cat. No.	Pk Qty
102708	5



## Conical Washer Couple (SST)

Cat. No.	Pk Qty
201700	5



## Washer for Olive Wire

Cat. No.	Description	Pk Qty	Notes
71143107	3.7mm ID	6	Sterile



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# Wires

## ILIZAROV™ Bayonet Tip Wires (SST)

Cat. No.	Type	Diameter	Length	Pk Qty	Notes
102101	Smooth	1.5mm	300mm	12	Non-Sterile
102106	Olive	1.5mm	300mm	12	Non-Sterile
102102	Smooth	1.8mm	370mm	12	Non-Sterile
102107	Olive	1.8mm	400mm	12	Non-Sterile



## ILIZAROV Bayonet Tip Wires (Ti)

Cat. No.	Type	Diameter	Length	Pk Qty	Notes
71011500	Smooth	1.8mm	400mm	6	Non-Sterile
71011502	Olive	1.8mm	400mm	6	Non-Sterile



## Sterile ILIZAROV Bayonet Tip Wires (SST)

Cat. No.	Type	Diameter	Length	Pk Qty	Notes
71102101	Smooth	1.5mm	300mm	1	
71102106	Olive	1.5mm	300mm	1	
71102102	Smooth	1.8mm	370mm	1	
71102107	Olive	1.8mm	400mm	1	



## Sterile ILIZAROV Bayonet Tip Wires (Ti)

Cat. No.	Type	Diameter	Length	Pk Qty	Notes
71111500	Smooth	1.8mm	400mm	1	
71111502	Olive	1.8mm	400mm	1	



## Sterile ILIZAROV Drill Tip Wires (SST)

Cat. No.	Type	Diameter	Length	Pk Qty	Notes
71070368	Smooth	1.8mm	385mm	6	
71070369	Olive	1.8mm	385mm	6	



## \*OrthoSpecialties additional Specialty Wires (SST)

Cat. No.	Type	Diameter	Length	Pk Qty	Notes
71935562	Bayonet Tip Smooth	1.2mm	300mm	1	Sterile Not CE Marked
71112082	Drill Tip Olive	1.2mm	250mm	1	Sterile CE Marked
76522017	Smooth Long	1.8mm	600mm	20	Non-Sterile CE only
76522018	Olive Long	1.8mm	600mm	20	Non-Sterile CE only
920388	Olive Long	1.8mm	546mm	12	Non-Sterile Not CE Marked

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# Half Pins

## Extended HA Coated Stainless Steel Pins (Sterile)

Cat. No.	Thread Diameter	Thread Length	Shank Length
71074510	4.5mm	10mm	150mm
71074515	4.5mm	15mm	150mm
71074520	4.5mm	20mm	150mm
71074525	4.5mm	25mm	150mm
71074530	4.5mm	30mm	150mm
71074535	4.5mm	35mm	150mm
71074540	4.5mm	40mm	150mm
71074550	4.5mm	50mm	150mm
71076515	6mm	15mm	150mm
71076520	6mm	20mm	150mm
71076525	6mm	25mm	150mm
71076530	6mm	30mm	150mm
71076535	6mm	35mm	150mm
71076540	6mm	40mm	150mm
71076545	6mm	45mm	150mm
71076550	6mm	50mm	150mm
71076555	6mm	55mm	150mm
71076560	6mm	60mm	150mm
71076565	6mm	65mm	150mm
71076570	6mm	70mm	150mm
71076015	6mm	15mm	200mm
71076020	6mm	20mm	200mm
71076025	6mm	25mm	200mm
71076030	6mm	30mm	200mm
71076035	6mm	35mm	200mm
71076040	6mm	40mm	200mm
71076045	6mm	45mm	200mm
71076050	6mm	50mm	200mm
71076055	6mm	55mm	200mm
71076060	6mm	60mm	200mm
71076065	6mm	65mm	200mm
71076070	6mm	70mm	200mm
71076080	6mm	80mm	200mm
71076090	6mm	90mm	200mm



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## Hex Fix Titanium Half Pins

Cat. No.	Pin Diameter	Thread Length
122700	4mm	20mm
122701	4mm	25mm
122702	4mm	30mm
122703	4mm	35mm
122704	4mm	40mm
122707	5mm	20mm
122708	5mm	25mm
122709	5mm	30mm
122710	5mm	35mm
122711	5mm	40mm
122712	5mm	45mm
122713	5mm	50mm
122714	5mm	55mm
122715	5mm	60mm
71021022	6mm	20mm
71021023	6mm	25mm
71021024	6mm	30mm
71021025	6mm	35mm
122725	6mm	40mm
122727	6mm	50mm
122729	6mm	60mm

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**\*OrthoSpecialties additional HexFix Ti Pins, HA Coated, Sterile**

<b>Cat. No.</b>	<b>Pin Diameter</b>	<b>Thread Length</b>	<b>Notes</b>
71932945	5mm	20mm	Not CE Marked
71932946	5mm	25mm	Not CE Marked
71932947	5mm	30mm	Not CE Marked
71932948	5mm	35mm	Not CE Marked
71932949	5mm	40mm	Not CE Marked
71932963	5mm	45mm	Not CE Marked
71932950	6mm	20mm	Not CE Marked
71932951	6mm	25mm	Not CE Marked
71932952	6mm	30mm	Not CE Marked
71932953	6mm	35mm	Not CE Marked
71932961	6mm	40mm	Not CE Marked
71932962	6mm	45mm	Not CE Marked

**Drills for HA Pins (Orange Drill Guide Handle)  
4.8mm Shank, Sterile**

<b>Cat. No.</b>	<b>Internal Description</b>
71070347	2.7mm Long Step Drill for 4mm Pins
71070345	3.8mm Short tep Drill for 4.5mm Pin
71070348	3.8mm Long Step Drill for 5mm Pins
71070346	4.8mm Short Drill for 6mm Pins
71070349	4.8mm Long Drill for 6mm Pins

**Drills for HexFix System (Black Drill Guide Handle)  
6mm Shank, Non-Sterile**

<b>Cat. No.</b>	<b>Description</b>
103044	2.7mm for 4mm Pins
103045	3.8mm for 5mm Pins
103046	4.8mm for 6mm Pins

**Cannulated Drills for HA Pins**





<b>Cat. No.</b>	<b>Description</b>
71070845	Cannulated 4.8mm Drill for 6mm Pins
71070846	Cannulated 3.8mm Drill for 4.5mm Pins

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## Dressings and Accessories

Cat. No.	Description	Pk Qty	Notes	
71070291	Half Pin Disc Clip, 4/5/6mm	10	Sterile	
71070292	Wire Disc Clip	18	Sterile	
102131	ILIZAROV™ Wire Disc Clip	30	Non-Sterile	
102132	ILIZAROV Disc Clip 4mm	10	Non-Sterile	
102133	ILIZAROV Disc Clip 5mm	10	Non-Sterile	
71075295	Wire/Pin Stopper	6	Sterile	
290060	Pin Cap Green 3mm	12	Sterile	
290058	Pin Cap Red 4mm	12	Sterile	
290061	Pin Cap Black 5mm	12	Sterile	
71070290	Half Pin Cap 6mm	12	Sterile	
102140	ILIZAROV Sponge	150 (Box)	Sterile	

## Colored ID Bands for TSF° Struts

Cat. No.	Description	
71075020	SMART FX Acute Adjustment Band Each SMART FX Strut is supplied with an Acute Band	
71075040	SMART FX ID Bands + Caps	
71075050	SMART Standard Strut ID Bands + Caps	
71070340	FAST FX° ID Band Kit	

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# Specialty Accessories

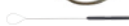
## Rocker Ring

Cat. No.	Pk Qty
71070365	1



## \*OrthoSpecialties Bone Transport Components

Cat. No.	Description	Pk Qty
71970663	ILIZAROV™ Pulley 20mm	2
71970659	ILIZAROV Pulley 40mm	2
71970660	ILIZAROV Pulley 60mm	1
71970661	ILIZAROV Cable 1.8 x 1200mm	1
71111579	HEWSON° Suture Retriever	6
71935756	Medium Transport Strut 0mm-50mm	1
71935755	Long Transport Strut 0mm-108mm	1



## Compass Universal Hinge

Cat. No.	Description
71060001	COMPASS° Hinge for Knee, Elbow and Ankle



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# Wrenches

## Wrench 10mm/13mm

### Cat. No.

L202002 Patient Wrench  
10mm/13mm



## Slotted Hex Wrench

### Cat. No.

102910 10mm Slotted



## Fixation Bolt Wrench

### Cat. No.

102911 Fixation Bolt Wrench



## Wrench 10mm / 13mm

### Cat. No.

### Description

71075900 Open Ended Wrench  
10mm x 13mm 18cm



## Tubular Wrench

### Cat. No.

### Description

71075902 Tubular Angulated  
Wrench 10mm



## Combination Wrench

### Cat. No.

### Description

71075905 Combination Wrench 10mm  
Open/Box End



## Flex Head Wrench

### Cat. No.

71075907 Wrench 10mm Flex Head



## Wrench for Osteotomes

### Cat. No.

71075903 Wrench 16mm for  
Osteotomes



## Ratchet Wrench

### Cat. No.

71075367 SMART TSF<sup>®</sup> Ratchet Wrench



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**Torque Wrench Handle**

**Cat. No.**

71075410 Torque Wrench Handle



**Torque Wrench 10mm Socket**

**Cat. No.**

71075411 Torque Wrench 10mm Socket



**Torque Wrench Tip with Hex**

**Cat. No.**

71075412 Torque Wrench Tip With Hex



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# Instruments

## Universal Chuck

**Cat. No.**

71170183



## Tissue Protectors

**Cat. No.**

**Description**

**ID**

71070352

Short

6mm

71070353

Long

6mm



## Trocars

**Cat. No.**

**Description**

71070356

Short

71070357

Long



## Drill Tissue Protectors

**Cat. No.**

**Description**

**ID**

71070354

Short

4.8mm

71070355

Long

4.8mm



## Depth Gauges

**Cat. No.**

**Description**

71070361

Short

71070362

Long



## Tissue Protector Handle

**Cat. No.**

71067310



## HA Pin Driver

**Cat. No.**

71050031



## HA Pin Cutter 4-6mm Pins

**Cat. No.**

71070849



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## Wire Guide

Cat. No.	Description
102930	



## Wire Cutters

Cat. No.	Description
71070344	Wire Cutters



## Replaceable Blades

Cat. No.	Description
71070404	For use with 71070344



## Replaceable Rubber

Cat. No.	Description
71070405	For use with 71070344



## SMART TSF<sup>o</sup> Beacon

Cat. No.	Description
71075555	Beacon



## SMART TSF Tensioner

Cat. No.	Description
71075341	Tensioner
71075342	Tensioner Standard Modular Attachment
71075343	Tensioner Wrench Modular Attachment



\*OrthoSpecialties sizes have longer lead time and may not be available in all regions - contact your Smith+Nephew Rep for guidance

### Wire Tensioners

Cat. No.	Description
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71070341	Wire Tensioner
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### Replacement Bolt

Cat. No.	Description
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71071341	For 71070341 Tensioner
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### Wire Tensioner Handle

Cat. No.	Description
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71070342	For use with 71070341
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### Equator Clamp

Cat. No.
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71070364
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### Attachment Calibration Sphere

Cat. No.
----------

71070363
----------



### Frame Stabilization Tool

Cat. No.
----------

71070343
----------



### JET-X® Bar for Frame Stabilization

Cat. No.	Description
----------	-------------

71062300	300mm
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## HexFix Drill Guide

**Cat. No.**

.....  
71031040  
.....



## HexFix Adapter Sleeve

**Cat. No.**

.....  
71011005  
.....



## HexFix Pin Driver/Extractor

**Cat. No.**

**Description**

.....  
112716      3.0mm Hex  
.....



## HexFix 90° Set Screwdriver

**Cat. No.**

**Description**

.....  
112717      3.0mm Hex  
.....



## HexFix Straight Set Screwdriver

**Cat. No.**

**Description**

.....  
112719      3.0mm Hex  
.....



## HexFix Depth Gauge

**Cat. No.**

.....  
112720  
.....



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## Hibbs Osteotome

Cat. No.	Description
110311	Straight 6.3mm
110313	Straight 12.7mm
110315	Straight 19.0mm
110316	Straight 22.2mm
110317	Straight 25.4mm
110319	Straight 31.7mm



## Osteotome Case

Cat. No.
110308

## Mallet

Cat. No.	Description
111416	RICHARDS <sup>®</sup> Combi Mallet for Osteotomes



## \*OrthoSpecialties custom instruments TRIGEN<sup>®</sup> Offset Drill Guide for nailing around a frame

Cat. No.	Description	Notes
Custom	Drill Guide Semi-Extended Offset	Not CE Marked
Custom	Meta Anterior Drop for Offset Guide	Not CE Marked



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# Sterilization Cases/Trays

## SMART TSF<sup>o</sup> Trays

Cat. No.	Description
71075500	SMART TSF Instrument Case
71075501	SMART TSF Instrument and Hardware Tray Lid
71075502	SMART TSF Hardware Case
71075503	SMART TSF Hardware Tray Half Size
71075504	SMART TSF Hardware Inner Tray
71075505	Half-Pin Instrument Tray
71075506	SMART TSF Rings Case
71075507	SMART TSF Ring Module Tray
71075508	SMART TSF Ring Module Tray Lid
71075509	SMART TSF Foot Tray
71075510	SMART FX Strut Tray
71075511	SMART TSF Strut/Foot / Half-Hardware Tray Lid
71075512	Smart Standard Strut Tray
71075513	Tensioner Caddy
71075514	Wire Caddy
71075515	Clinic Set
71075516	FAST FX <sup>o</sup> Strut Tray
71075520	Labels for Ring Module
71075521	Silicon Stopper for Hardware Rack
71075522	Silicon Bumper for Ring Module

## TAYLOR SPATIAL FRAME<sup>o</sup> and ILIZAROV<sup>TM</sup> Sets

71070620	TSF Complete Set
71070626	FAST FX Strut Set
71070628	Standard Strut Set
71070605	ILIZAROV F&A Set

## ILIZAROV System Trays

Cat. No.	Description
71013625	80mm-130mm Rings
71013626	140mm-180mm Rings
71013620	Nuts, Bolts & Washers
71013621	Plates
71013622	Wires and Instruments
71013623	Rods, Supports, Posts & Hinges
71013624	Telescopic Rods

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**Loaner Services TAYLOR SPATIAL FRAME<sup>®</sup> System Trays**

<b>Cat. No.</b>	<b>Description</b>
8552	Instrument Set (Must go with 9282)
9282	Implant Set (Must go with 8552)
9287	Disposables Set (Must go with 9282 and 8552)

**Loaner Services HA Half Pin Implant Trays**

<b>Cat. No.</b>	<b>Description</b>
9288	6.0mm HA Half Pin Implant Set
7233	4.5mm HA Half Pin Implant Set

**Loaner Services ILIZAROV<sup>™</sup> System Trays**

<b>Cat. No.</b>	<b>Description</b>
7255	ILIZAROV Basic Set Implant Set
7555	ILIZAROV Basic Instrument Set
7541	Rancho Instrument Set
7610	Rancho Hardware and Implants
8514	ILIZAROV F&A Tray

The following TSF<sup>o</sup> components are replaced by new SMART TSF<sup>o</sup> components.

SMART TSF Software will continue to support classic TSF Rings and Struts.

#### TSF<sup>o</sup> Rings

Cat. No.	Description
71070123	Half Ring 130mm
71070124	Half Ring 155mm
71070125	Half Ring 180mm
71070126	Half Ring 205mm
71070127	Half Ring 230mm
71070132X	2/3 Ring 105mm
71070133X	2/3 Ring 130mm
71071306X	2/3 Ring 155mm
71071307X	2/3 Ring 180mm
71071308X	2/3 Ring 205mm
71071309X	2/3 Ring 230mm
71070112X	Full Ring 105mm
71070113X	Full Ring 130mm
71070114X	Full Ring 155mm
71070115X	Full Ring 180mm
71070116X	Full Ring 205mm
71070117X	Full Ring 230mm
71070144	Foot Ring 155mm Long
71070145	Foot Ring 180mm Long
71070154	Foot Ring 155mm Short
71070155	Foot Ring 180mm Short
71071302	U-Ring 105mm
71071303	U-Ring 130mm
71071304	U-Ring 155mm
71071305	U-Ring 180mm
71934011	130mm Half Ring Pink
71933964	180mm Half Ring Pink
71935036	105mm 2/3 Ring Pink
71935039	130mm 2/3 Ring Pink
71933783	155mm 2/3 Ring Pink

## TSF<sup>o</sup> Rings

Cat. No.	Description
71933784	180mm 2/3 Ring Pink
71935028	105mm Full Ring Pink
71934007	130mm Full Ring Pink
71933785	155mm Full Ring Pink
71933786	180mm Full Ring Pink
71933956	155mm Foot Ring Long Pink
71933960	180mm Foot Ring Long Pink
71934009	130mm Half Ring Red
71933962	180mm Half Ring Red
71932481	155mm 2/3 Ring Red
71932485	180mm 2/3 Ring Red
71934005	130mm Full Ring Red
71932489	155mm Full Ring Red
71932493	180mm Full Ring Red
71933954	155mm Foot Ring Long Red
71933958	180mm Foot Ring Long Red
71932482	155mm 2/3 Ring Gold
71932486	180mm 2/3 Ring Gold
71932490	155mm Full Ring Gold
71932494	180mm Full Ring Gold
71933961	180mm Half Ring Blue
71934008	130mm Half Ring Blue
71935037	105mm 2/3 Ring Blue
71935040	130mm 2/3 Ring Blue
71932480	155mm 2/3 Ring Blue
71932484	180mm 2/3 Ring Blue
71935029	105mm Full Ring Blue
71934004	130mm Full Ring Blue
71932488	155mm Full Ring Blue
71932492	180mm Full Ring Blue
71933953	155mm Foot Ring Long Blue
71933957	180mm Foot Ring Long Blue
71934010	130mm Half Ring Green
71933963	180mm Half Ring Green
71935038	105mm 2/3 Ring Green
71935041	130mm 2/3 Ring Green
71932483	155mm 2/3 Ring Green

## TSF<sup>o</sup> Rings

Cat. No.	Description
71932487	180mm 2/3 Ring Green
71934006	130mm Full Ring Green
71935030	105mm Full Ring Green
71932491	155mm Full Ring Green
71932495	180mm Full Ring Green
71933955	155mm Foot Ring Long Green
71933959	180mm Foot Ring Long Green

## TSF Standard Struts

71070200	Standard Strut xxShort 59-76mm
71070205	Standard Strut xShort 75-96mm
71070210	Standard Strut Short 90-125mm
71070220	Standard Strut Medium 116-178mm
71070230	Standard Strut Long 169-283mm
71070310	Shoulder Bolt for TSF Struts
71070320	ID Band Kit for Standard Struts

## Wire Fixation Bolt

71070284	Combi Wire Fixation Bolt Slotted / Cannulated
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## HA Coated Pins - Thread Diameter x Thread Length x Shank Length

71070823	HA Coated Pin 4.5mm 10mm 150mm
71070824	HA Coated Pin 4.5mm 20mm 150mm
71070825	HA Coated Pin 4.5mm 30mm 150mm
71070826	HA Coated Pin 4.5mm 40mm 150mm
71070827	HA Coated Pin 4.5mm 50mm 150mm
71070828	HA Coated Pin 6mm 15mm 150mm
71070800	HA Coated Pin 6mm 20mm 150mm
71070802	HA Coated Pin 6mm 25mm 150mm
71070804	HA Coated Pin 6mm 30mm 150mm
71070806	HA Coated Pin 6mm 35mm 150mm
71070808	HA Coated Pin 6mm 40mm 150mm
71070835	HA Coated Pin 6mm 45mm 150mm
71070810	HA Coated Pin 6mm 50mm 150mm
71070812	HA Coated Pin 6mm 55mm 150mm
71070814	HA Coated Pin 6mm 60mm 150mm
71070816	HA Coated Pin 6mm 65mm 150mm
71070818	HA Coated Pin 6mm 70mm 150mm
71070829	HA Coated Pin 6mm 15mm 200mm
71070801	HA Coated Pin 6mm 20mm 200mm

**HA Coated Pins - Thread Diameter x Thread Length x Shank Length**

<b>Cat. No.</b>	<b>Description</b>
71070803	HA Coated Pin 6mm 25mm 200mm
71070805	HA Coated Pin 6mm 30mm 200mm
71070807	HA Coated Pin 6mm 35mm 200mm
71070809	HA Coated Pin 6mm 40mm 200mm
71070836	HA Coated Pin 6mm 45mm 200mm
71070811	HA Coated Pin 6mm 50mm 200mm
71070813	HA Coated Pin 6mm 55mm 200mm
71070815	HA Coated Pin 6mm 60mm 200mm
71070817	HA Coated Pin 6mm 65mm 200mm
71070819	HA Coated Pin 6mm 70mm 200mm
71070820	HA Coated Pin 6mm 80mm 200mm
71070821	HA Coated Pin 6mm 90mm 200mm
71070822	HA Coated Pin 6mm Cannulated 50mm 150mm

**Classic TSF® Instruments**

102900	Wrench 10mm
102905	Wrench 10mm Open / Box
102906	Wrench 13mm Open / Box
102907	Wrench 10mm Flex Head
103000	Tubular Angulated Wrench
71070410	TSF 10mm Torque Wrench for Shoulder Bolts
71070367	Ratchet Wrench
102901	Wrench 19mm for Graduated Telescopic Rod
71070380	TSF Hardware Case
71070381	TSF Hardware Case Lid
71070382	TSF Instrument Case
71070383	TSF Instrument Case Lid
71070385	Half Pin Instrument Case
71070384	Half Pin Instrument Case Lid
71070387	Frame Stabilizer Case
71070386	Frame Stabilizer Case Lid
71070388	Ring Case 155mm & 180mm
71070389	Ring Case 155mm & 180mm Lid
71070390	Wire Caddy
71070391	Mayo Stand Caddy
71070402	Ring Case 130mm & 205mm
71070403	Ring Case 130mm & 205mm





To review the information needed to understand and use this product safely and effectively, including indications for use, contraindications, effects, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.

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