



# Sushrut® Trauma Range

Traumatology/Orthopaedics

The Name that spells Trust





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## Large Fragment Bone Screws

### Cortex Screws-S'RUT Dia. 4.5mm, Hex. Slot<sup>c</sup>

**PROFILE**

Thread Dia.	: 4.5mm
Drill bit for threaded hole	: 3.2mm
Drill bit for gliding hole	: 4.5mm
Core Dia.	: 3.0mm
Hexagonal Socket A/F	: 3.5mm
Head Dia.	: 8.0mm
Tap to be used (D0213.45)	: 4.5mm



Code No.	Length
B0102.014	14mm
B0102.016	16mm
B0102.018	18mm
B0102.020	20mm
B0102.022	22mm
B0102.024	24mm
B0102.026	26mm
B0102.028	28mm
B0102.030	30mm
B0102.032	32mm
B0102.034	34mm
B0102.036	36mm
B0102.038	38mm
B0102.040	40mm
B0102.042	42mm
B0102.044	44mm
B0102.046	46mm
B0102.048	48mm
B0102.050	50mm
B0102.052	52mm
B0102.054	54mm
B0102.056	56mm
B0102.058	58mm
B0102.060	60mm
B0102.062	62mm
B0102.064	64mm
B0102.066	66mm
B0102.068	68mm
B0102.070	70mm

### Shaft Screws-S'RUT Dia. 4.5mm, Hex. Slot<sup>a, c</sup>

**PROFILE**

Thread Dia.	: 4.5mm
Drill bit for threaded hole	: 3.2mm
Drill bit for gliding hole	: 4.5mm
Core Dia.	: 3.0mm
Hexagonal Socket A/F	: 3.5mm
Head Dia.	: 8.0mm
Shaft Dia.	: 4.5mm
Tap to be used	: 4.5mm



Code No.	Length
B0111.028	28mm
B0111.030	30mm
B0111.032	32mm
B0111.034	34mm
B0111.036	36mm
B0111.038	38mm
B0111.040	40mm
B0111.042	42mm
B0111.044	44mm
B0111.046	46mm
B0111.048	48mm
B0111.050	50mm

### Malleolar Screws-S'RUT Dia. 4.5mm, Hex. Slot

**PROFILE**

Thread Dia.	: 4.5mm
Drill bit for threaded hole	: 3.2mm
Core Dia.	: 3.0mm
Hexagonal Socket A/F	: 3.5mm
Head Dia.	: 8.0mm
Shaft Dia.	: 3.0mm



Code No.	Length
B0110.025	25mm
B0110.030	30mm
B0110.035	35mm
B0110.040	40mm
B0110.045	45mm
B0110.050	50mm
B0110.055	55mm
B0110.060	60mm
B0110.065	65mm
B0110.070	70mm

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

<sup>c</sup> Sizes above 70mm not in standard manufacturing program. Available on request.

## Large Fragment Bone Screws

### Cancellous Screws-S'RUT Dia. 6.5mm, Hex. Slot, Thread Length 16mm<sup>c</sup>

**PROFILE**

Thread Dia.	: 6.5mm
Drill bit for threaded hole	: 3.2mm
Shaft Dia.	: 4.5mm
Drill bit for shaft (optional)	: 4.5mm
Core Dia.	: 3.0mm
Hexagonal Socket A/F	: 3.5mm
Head Dia.	: 8.0mm
Tap to be used (D0213.65)	: 6.5mm



### Cancellous Screws-S'RUT Dia. 6.5mm, Hex. Slot, Thread Length 32mm<sup>c</sup>

**PROFILE**

Thread Dia.	: 6.5mm
Drill bit for threaded hole	: 3.2mm
Shaft Dia.	: 4.5mm
Drill bit for shaft (optional)	: 4.5mm
Core Dia.	: 3.0mm
Hexagonal Socket A/F	: 3.5mm
Head Dia.	: 8.0mm
Tap to be used (D0213.65)	: 6.5mm



### Cancellous Screws-S'RUT Dia. 6.5mm, Hex. Slot, Fully Threaded<sup>c</sup>

**PROFILE**

Thread Dia.	: 6.5mm
Drill bit for threaded hole	: 3.2mm
Core Dia.	: 3.0mm
Hexagonal Socket A/F	: 3.5mm
Head Dia.	: 8.0mm
Tap to be used (D0213.65)	: 6.5mm



Dia. 6.5mm	Length
B0104.025	25mm
B0104.030	30mm
B0104.035	35mm
B0104.040	40mm
B0104.045	45mm
B0104.050	50mm
B0104.055	55mm
B0104.060	60mm
B0104.065	65mm
B0104.070	70mm
B0104.075	75mm
B0104.080	80 mm
B0104.085	85 mm
B0104.090	90 mm
B0104.095	95 mm
B0104.100	100 mm
B0104.105	105 mm
B0104.110	110 mm

Dia. 6.5mm <sup>c</sup>	Length
B0106.040	40mm
B0106.045	45mm
B0106.050	50mm
B0106.055	55mm
B0106.060	60mm
B0106.065	65mm
B0106.070	70mm
B0106.075	75mm
B0106.080	80 mm
B0106.085	85 mm
B0106.090	90 mm
B0106.095	95 mm
B0106.100	100 mm
B0106.105	105 mm
B0106.110	110 mm

Dia. 6.5mm	Length
B0108.020 <sup>a</sup>	20mm
B0108.025	25mm
B0108.030	30mm
B0108.035	35mm
B0108.040	40mm
B0108.045	45mm
B0108.050	50mm
B0108.055	55mm
B0108.060	60mm
B0108.065	65mm
B0108.070	70mm
B0108.075	75mm
B0108.080	80 mm
B0108.085 <sup>a</sup>	85 mm
B0108.090 <sup>a</sup>	90 mm
B0108.095 <sup>a</sup>	95 mm
B0108.100 <sup>a</sup>	100 mm
B0108.105 <sup>a</sup>	105 mm
B0108.110 <sup>a</sup>	110 mm

### WASHER for large screws-S'RUT

Code No.	
B1101.01	

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.  
<sup>c</sup> Sizes above 110mm not in standard manufacturing program. Available on request.

## Small Fragment Bone Screws

### Cortex Screws-S'RUT

3.5 mm/1.25 mm Pitch

Hex. Slot<sup>c</sup>

**PROFILE**

Thread Dia.	: 3.5mm
Drill bit for threaded hole	: 2.5mm
Drill bit for gliding hole	: 3.5mm
Core Dia.	: 2.4mm
Hexagonal Socket A/F	: 2.5mm
Head Dia.	: 6.0mm
Tap to be used (D0213.35)	: 3.5 x 1.25mm pitch



Code No.	Length
B0202.10	10 mm
B0202.12	12 mm
B0202.14	14 mm
B0202.16	16 mm
B0202.18	18 mm
B0202.20	20 mm
B0202.22	22 mm
B0202.24	24 mm
B0202.26	26 mm
B0202.28	28 mm
B0202.30	30 mm
B0202.32	32 mm
B0202.34 <sup>a</sup>	34 mm
B0202.36	36 mm
B0202.38 <sup>a</sup>	38 mm
B0202.40	40 mm
B0202.45	45 mm
B0202.50	50 mm
B0202.55	55 mm
B0202.60	60 mm

### Cortex Screws-S'RUT

3.5 mm/1.75 mm Pitch

Hex. Slot<sup>c</sup>

**PROFILE**

Thread Dia.	: 3.5mm
Drill bit for threaded hole	: 2.0mm
Drill bit for gliding hole	: 3.5mm
Core Dia.	: 1.9mm
Hexagonal Socket A/F	: 2.5mm
Head Dia.	: 6.0mm
Tap to be used (D0213.351)	: 3.5 x 1.75mm pitch



Code No.	Length
B0204.10	10 mm
B0204.12	12 mm
B0204.14	14 mm
B0204.16	16 mm
B0204.18	18 mm
B0204.20	20 mm
B0204.22	22 mm
B0204.24	24 mm
B0204.26	26 mm
B0204.28	28 mm
B0204.30	30 mm
B0204.32	32 mm
B0204.34 <sup>a</sup>	34 mm
B0204.36	36 mm
B0204.38 <sup>a</sup>	38 mm
B0204.40	40 mm
B0204.45	45 mm
B0204.50	50 mm
B0204.55	55 mm
B0204.60	60 mm

### Shaft Screws-S'RUT

Dia. 3.5 mm

Hex. Slot<sup>a</sup>

**PROFILE**

Thread Dia.	: 3.5mm
Drill bit for threaded hole	: 2.5mm
Drill bit for gliding hole	: 3.5mm
Core Dia.	: 2.4mm
Hexagonal Socket A/F	: 2.5mm
Head Dia.	: 6.0mm
Tap to be used	: 3.5mm x 1.25mm pitch



Code No.	Length
B0211.12	12 mm
B0211.14	14 mm
B0211.16	16 mm
B0211.18	18 mm
B0211.20	20 mm
B0211.22	22 mm
B0211.24	24 mm
B0211.26	26 mm
B0211.28	28 mm
B0211.30	30 mm
B0211.32	32 mm
B0211.34	34 mm
B0211.36	36 mm
B0211.38	38 mm
B0211.40	40 mm
B0211.45	45 mm
B0211.50	50 mm

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

<sup>c</sup> Sizes above 60mm not in standard manufacturing program. Available on request

## Small Fragment Bone Screws

### Cancellous Screw-S'RUT Dia. 4.0 mm, Partly Threaded, Hex Slot<sup>a</sup>

<b>PROFILE</b>	
Thread Dia.	: 4.0mm
Drill bit for threaded hole	: 2.5mm
Shaft Dia.	: 2.4mm
Core Dia.	: 1.9mm
Hexagonal Socket A/F	: 2.5mm
Head Dia.	: 6.0mm
Tap to be used	: (D0213.351)



### Cancellous Screw-S'RUT Dia. 4.0 mm, Fully Threaded Hex Slot<sup>a</sup>

<b>PROFILE</b>	
Thread Dia.	: 4.0mm
Drill bit for threaded hole	: 2.5mm
Core Dia.	: 1.9mm
Hexagonal Socket A/F	: 2.5mm
Head Dia.	: 6.0mm
Tap to be used	: (D0213.351)
Not to be used as a lag screw	



Code No.	Length
B0206.10	10 mm
B0206.12	12 mm
B0206.14	14 mm
B0206.16	16 mm
B0206.18	18 mm
B0206.20	20 mm
B0206.22	22 mm
B0206.24	24 mm
B0206.26	26 mm
B0206.28	28 mm
B0206.30	30 mm
B0206.35	35 mm
B0206.38	38 mm
B0206.40	40 mm
B0206.45	45 mm
B0206.50	50 mm
B0206.55	55 mm
B0206.60 <sup>a</sup>	60 mm

Code No.	Length
B0207.10	10 mm
B0207.12	12 mm
B0207.14	14 mm
B0207.16	16 mm
B0207.18	18 mm
B0207.20	20 mm
B0207.22	22 mm
B0207.24	24 mm
B0207.26	26 mm
B0207.28	28 mm
B0207.30	30 mm
B0207.32	32 mm
B0207.35	35 mm
B0207.40	40 mm
B0207.45	45 mm
B0207.50	50 mm
B0207.55	55 mm
B0207.60	60 mm

### Washer for small screws-S'RUT

Code No.
B1101.02



<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

<sup>c</sup> Sizes above 60mm not in standard manufacturing program. Available on request.

## Mini Fragment Bone Screws

### Cortex Screw -S'RUT Dia. 2.7mm, Hex. Slot

#### PROFILE

Thread Dia.	: 2.7mm
Drill bit for threaded hole	: 2.0mm
Drill bit for gliding hole	: 2.7mm
Core Dia.	: 1.9mm
Hexagonal Socket A/F	: 2.5mm
Head Dia.	: 5.0mm
Tap to be used (D0213.27)	: 2.7mm



Code No.	Length
B0210.06	6 mm
B0210.08	8 mm
B0210.10	10 mm
B0210.12	12 mm
B0210.14	14 mm
B0210.16	16 mm
B0210.18	18 mm
B0210.20	20 mm
B0210.22	22 mm
B0210.24	24 mm
B0210.26	26 mm
B0210.28	28 mm
B0210.30	30 mm
B0210.32	32 mm

### Cortex Screw -S'RUT Dia. 2.0mm Hex. Slot<sup>c</sup>

#### PROFILE

Thread Dia.	: 2.0mm
Drill bit for threaded hole	: 1.5mm
Drill bit for gliding hole	: 2.0mm
Core Dia.	: 1.3mm
Hexagonal Socket A/F	: 1.5mm
Head Dia.	: 4.0mm
Tap to be used (D0213.20)	: 2.0mm



Code No.	Length
B0304.06	6 mm
B0304.08	8 mm
B0304.10	10 mm
B0304.12	12 mm
B0304.14	14 mm
B0304.16	16 mm
B0304.18	18 mm
B0304.20	20 mm
B0304.22	22 mm
B0304.24	24 mm

### Cortex Screw -S'RUT Dia. 1.5mm Hex Slot

#### PROFILE

Thread Dia.	: 1.5mm
Drill bit for threaded hole	: 1.1mm
Drill bit for gliding hole	: 1.5mm
Core Dia.	: 1.0mm
Hexagonal Socket A/F	: 1.5mm
Head Dia.	: 3.0mm
Tap to be used (D0213.15)	: 1.5mm



Code No.	Length
B0303.06	6 mm
B0303.07	7 mm
B0303.08	8 mm
B0303.09	9 mm
B0303.10	10 mm
B0303.11	11 mm
B0303.12	12 mm
B0303.14	14 mm
B0303.16	16 mm
B0303.18	18 mm
B0303.20	20 mm

<sup>c</sup>Sizes above 24mm not in standard manufacturing program. Available on request.

## Large Fragment Plates, Straight

Code No.	Holes	Length
B0405.06	6	103 mm
B0405.07	7	119 mm
B0405.08	8	135 mm
B0405.09	9	151 mm
B0405.10	10	167 mm
B0405.11 <sup>a</sup>	11	183 mm
B0405.12	12	199 mm
B0405.14	14	231 mm
B0405.16	16	263 mm
B0405.18	18	295 mm

### Broad Plate 4.8mm, Auto Compression Holes<sup>c</sup>-S'RUT



#### PROFILE

Thickness	: 4.8mm	Fixation with 4.5 and 6.5mm Screws.
Width	: 16.0mm Hole	All plate holes are designed as self compressing holes.
Spacing	: 16 & 25mm	The end holes are designed for cancellous bone screws.

Code No.	Holes	Length
B0407.06	6	106 mm
B0407.07	7	124 mm
B0407.08	8	142 mm
B0407.09	9	160 mm
B0407.10	10	178 mm
B0407.11	11	196 mm
B0407.12	12	214 mm
B0407.13 <sup>a</sup>	13	232 mm
B0407.14	14	250 mm
B0407.15 <sup>a</sup>	15	268 mm
B0407.16	16	286 mm
B0407.17 <sup>a</sup>	17	304 mm
B0407.18	18	322 mm

### Broad SS-Low Contact Auto Compression Plate<sup>c</sup>-S'RUT



#### PROFILE

Thickness	: 4.8mm	Fixation with 4.5 and 6.5mm Screws.
Width	: 16mm	The specially designed holes allow bi-directional compression.
Hole Spacing	: 18mm	To be used only with SS-Low Contact Auto Compression Plate drill guides. The end holes can be used for cancellous bone screws. Undercuts for vascular preservation.

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

<sup>c</sup> Sizes above 18 Holes not in standard manufacturing program. Available on request.

## Large Fragment Plates, Straight

Code No.	Holes	Length
B0403.02 <sup>a</sup>	2	39 mm
B0403.03	3	55 mm
B0403.04	4	71 mm
B0403.05	5	87 mm
B0403.06	6	103 mm
B0403.07	7	119 mm
B0403.08	8	135 mm
B0403.09	9	151 mm
B0403.10	10	167 mm
B0403.11	11	183 mm
B0403.12	12	199 mm
B0403.13	13	215 mm
B0403.14	14	231 mm
B0403.15	15	247 mm
B0403.16	16	263 mm
B0403.18	18	295 mm

### Narrow Plate 3.6mm, Auto Compression Holes<sup>c</sup>-S'RUT



#### PROFILE

Thickness	: 3.6mm	Fixation with 4.5 and 6.5mm Screws.
Width	: 12.0mm	All plate holes are designed as self compressing holes.
Hole Spacing	: 16 & 25mm	The end holes are designed for cancellous bone screws.

Code No.	Holes	Length
B0406.02	2	34 mm
B0406.03	3	52 mm
B0406.04	4	70 mm
B0406.05	5	88 mm
B0406.06	6	106 mm
B0406.07	7	124 mm
B0406.08	8	142 mm
B0406.09	9	160 mm
B0406.10	10	178 mm
B0406.11	11	196 mm
B0406.12	12	214 mm
B0406.14 <sup>a</sup>	14	250 mm
B0406.16 <sup>a</sup>	16	286mm

### Narrow SS-Low Contact Auto Compression Plate<sup>c</sup>-S'RUT



#### PROFILE

Thickness	: 4.5mm	Fixation with 4.5 and 6.5mm Screws.
Width	: 13.5mm	The specially designed holes allow bi-directional compression.
Hole Spacing	: 18.0mm	To be used only with SS-Low Contact Auto Compression Plate drill guides. The end holes can be used for cancellous bone screws. Undercuts for vascular preservation.

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

<sup>c</sup> Longer sizes not in standard manufacturing program. Available on request.

## Large Fragment Plates, Straight

Code No.	Holes	Length
B0818.03	3	45mm
B0818.04	4	61mm
B0818.05	5	77mm
B0818.06	6	93 mm
B0818.07	7	109 mm
B0818.08	8	125mm
B0818.09	9	141mm
B0818.10	10	157mm
B0818.11	11	173mm
B0818.12	12	189mm
B0818.13	13	205mm
B0818.14	14	221mm
B0818.15	15	237mm
B0818.16	16	253mm

### Reconstruction Plate 4.5 mm, Straight, Radiused-S'RUT



#### PROFILE

Thickness	: 2.8mm	
Width	: 12.0mm	Fixation with 4.5 & 6.5mm screws.
Hole Spacing	: 16.0mm	Note: Do not bend more than 15°.

Code No.	Holes	Length
B0401.02	2	39 mm
B0401.03	3	55 mm
B0401.04	4	71 mm
B0401.05	5	87 mm
B0401.06	6	103 mm
B0401.07	7	119 mm
B0401.08	8	135 mm
B0401.09	9	151 mm
B0401.10	10	167 mm
B0401.11	11	183 mm
B0401.12	12	199 mm

### Semi Tubular Plates-S'RUT



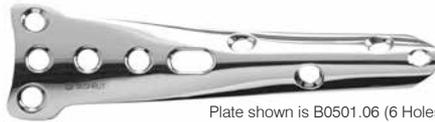
#### PROFILE

Thickness	: 1.0mm	Fixation with 4.5mm cortex screws.
Width	: 12.0mm	A compression effect can be achieved by
Hole Spacing	: 16 & 26mm	eccentric positioning of the screws
		remote from the fracture line.

## Large Fragment Plates, Special/Anatomical

### Spoon Plate-S'RUT

Code No.	Holes	Length
B0501.05	5	100 mm
B0501.06	6	120 mm



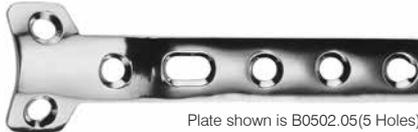
#### PROFILE

Thickness : 2.0mm  
 Head Width : 33.0mm

Fixation with 4.5mm cortex screws.  
 Shaft with 'V' profile for fixation on the frontal edge of the tibia.

Code No.	Holes	Length
B0502.03	3	68 mm
B0502.04	4	84 mm
B0502.05	5	100 mm
B0502.06	6	116 mm
B0502.07	7	134 mm
B0502.08	8	148 mm
B0502.09	9	164 mm
B0502.10	10	180 mm

### 'T' Plate-S'RUT



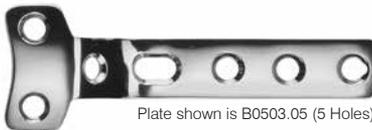
#### PROFILE

Thickness : 2.0mm  
 Width : 16.0mm

Fixation with 4.5 & 6.5mm screws. Shaft with round profile for humeral and tibial head.

Code No.	Holes	Length
B0503.04	4	84 mm
B0503.05	5	100 mm
B0503.06	6	116 mm
B0503.07	7	132 mm
B0503.08	8	148 mm
B0503.09	9	164 mm
B0503.10	10	180 mm
B0503.12 <sup>a</sup>	12	212 mm
B0503.14 <sup>a</sup>	14	244 mm

### 'T' Buttress Plate-S'RUT



#### PROFILE

Thickness : 2.0mm  
 Width : 16.0mm

Fixation with 4.5 & 6.5mm screws.  
 With double bend, as buttress for tibial head fractures.

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Large Fragment Plates, Special/Anatomical

### 'L' Buttress Plate-S'RUT

Code No.		Holes	Length
Left	Right		
B0505.031	B0505.032	3	69 mm
B0505.041	B0505.042	4	85 mm
B0505.051	B0505.052	5	101 mm
B0505.061	B0505.062	6	117 mm
B0505.071	B0505.072	7	133 mm
B0505.081	B0505.082	8	149 mm
B0505.091	B0505.092	9	165 mm
B0505.101	B0505.102	10	181 mm



**PROFILE**  
 Thickness : 2.0mm Fixation with 4.5 & 6.5mm Screws. With double bend, as buttress for tibial & humeral head fractures.  
 Width : 16.0mm Left angled for right leg & right angled for left leg.

### Lateral Tibial Head Buttress Plate 4.5mm-S'RUT

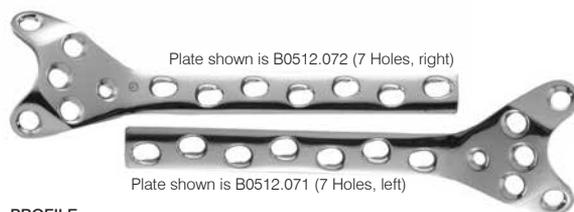
Code No.		Shaft Holes	Length
Left	Right		
B0511.051	B0511.052	5	117 mm
B0511.071	B0511.072	7	149 mm
B0511.091	B0511.092	9	181 mm
B0511.111	B0511.112	11	213 mm
B0511.131	B0511.132	13	245 mm
B0511.151 <sup>a</sup>	B0511.152 <sup>a</sup>	15	277 mm



**SHAFT PROFILE**  
 Thickness : 3.8mm Fixation with 4.5 & 6.5mm Screws.  
 Width : 14.0mm Shaft with Dynamic Compression Holes and Slots for Tension Device. Left angled for right leg & right angled for left leg.  
 Hole Spacing : 16.0mm

### Condylar Buttress Plate 4.5 mm-S'RUT

Code No.		Holes
Left	Right	
B0512.051	B0512.052	5
B0512.071	B0512.072	7
B0512.091	B0512.092	9
B0512.111	B0512.112	11
B0512.131	B0512.132	13
B0512.151	B0512.152	15



**PROFILE**  
 Thickness : 5.0mm Fixation with 4.5 & 6.5mm screws.  
 Width : 16.0mm With Dynamic Compression Holes and slots for tension device. As buttress for femoral condyles, with multiple fragment fractures.  
 Hole Spacing : 16.0mm

## Large Fragment Plates, Special/Anatomical

### Tibial Plate, Distal-medial-S'RUT

Plate shown is B0513.071 (7 Holes, left)



Plate shown is B0513.072 (7 Holes, right)

Code No.		Holes	Length
Left	Right		
B0513.071	B0513.072	7	122mm
B0513.091	B0513.092	9	158mm
B0513.111	B0513.112	11	194mm
B0513.131	B0513.132	13	230mm

#### PROFILE

Width of shaft : 16.0mm  
Width of head : 22.0mm

Fixation with 4.5 & 6.5mm screws.  
Curved and twisted to conform to the natural shape of the medial aspect of the distal tibia. Two small holes at the end of the plate are for temporary fixation with Kirschner wires.

### Tibial Plate, Proximal-lateral-S'RUT

Plate shown is B0514.072 (7 Holes, right)



Plate shown is B0514.071 (7 Holes, left)

Code No.		Holes	Length
Left	Right		
B0514.071	B0514.072	7	122mm
B0514.091	B0514.092	9	158mm
B0514.111	B0514.112	11	194mm
B0514.131	B0514.132	13	230mm

#### PROFILE

Width of shaft : 16.0mm  
Width of head : 22.0mm

Fixation with 4.5 & 6.5mm screws.  
Pre-formed left and right plates contoured to match the lateral aspect of the proximal tibia. Rarely needs additional correction. Two small holes at the end of the plate are for temporary fixation with Kirschner wires.

### Tibial Plate For Fibulae, Distal-Lateral-S'RUT

Plate shown is B0515.072 (7 Holes, right)



Plate shown is B0515.071 (7 Holes, left)

Code No.		Holes	Length
Left	Right		
B0515.071	B0515.072	7	122mm
B0515.091	B0515.092	9	158mm
B0515.111	B0515.112	11	194mm
B0515.131	B0515.132	13	230mm

#### PROFILE

Width of shaft : 16.0mm  
Width of head : 22.0mm

Fixation with 4.5 & 6.5mm screws.  
Curved and twisted to conform to the natural shape of the lateral aspect of the distal fibulae. Two small holes at the end of the plate are for temporary fixation with Kirschner wires.

### Femoral Plate, Distal-Lateral-S'RUT

Plate shown is B0516.072 (7 Holes, right)



Plate shown is B0516.071 (7 Holes, left)

Code No.		Holes	Length
Left	Right		
B0516.071	B0516.072	7	122mm
B0516.091	B0516.092	9	158mm
B0516.111	B0516.112	11	194mm
B0516.131	B0516.132	13	230mm

#### PROFILE

Width of shaft : 16.0mm  
Width of head : 22.0mm

Fixation with 4.5 & 6.5mm screws.  
Pre-formed plate curved to conform to the natural contour of the distal femur. Two small holes at the end of the plate are for temporary fixation with Kirschner wires.

## Small Fragment Plates

Code No.	Holes	Length
B0802.02	2	27 mm
B0802.03	3	39 mm
B0802.04	4	51 mm
B0802.05	5	63 mm
B0802.06	6	75 mm
B0802.07	7	87 mm
B0802.08	8	99 mm
B0802.09	9	111 mm
B0802.10	10	123 mm
B0802.11 <sup>a</sup>	11	135 mm
B0802.12	12	147 mm
B0802.13 <sup>a</sup>	13	159 mm
B0802.14 <sup>a</sup>	14	171 mm
B0802.15 <sup>a</sup>	15	183 mm
B0802.16 <sup>a</sup>	16	195 mm

### Small Fragment Plate, 3mm Auto Compression Holes-S'RUT



#### PROFILE

Thickness : 3.0mm  
Width : 10.0mm  
Hole Spacing : 12 & 16mm

For ulna and radius. Fixation with 3.5 & 4mm screws.

Code No.	Holes	Length
B0808.04	4	51 mm
B0808.05	5	64 mm
B0808.06	6	77 mm
B0808.07	7	90 mm
B0808.08	8	103 mm
B0808.09	9	116 mm
B0808.10	10	129 mm
B0808.11 <sup>a</sup>	11	142 mm
B0808.12 <sup>a</sup>	12	155 mm

### Small SS-Low Contact Auto Compression Plate, 3.5mm For Radius & Ulna-S'RUT



#### PROFILE

Thickness : 3.0mm  
Width : 11.0mm  
Hole Spacing : 13.0mm

For ulna and radius. Fixation with 3.5 & 4mm screws.

Code No.	Holes	Length
B0801.02	2	28 mm
B0801.03	3	40 mm
B0801.04	4	52 mm
B0801.05	5	64 mm
B0801.06	6	76 mm
B0801.07	7	88 mm
B0801.08	8	100 mm
B0801.09	9	112 mm
B0801.10	10	124 mm
B0801.12	12	148 mm

### One-third Tubular Plates-S'RUT



#### PROFILE

Thickness : 1.0mm  
Width : 9.0mm  
Hole Spacing : 12 & 16mm  
(One third of tube of 12mm dia)

Used as buttress plates for fibula, metatarsals, and metacarpals. Fixation with 3.5 & 4mm screws. Compression effect can be achieved by eccentric insertion of distal screws far from the fracture.

Code No.	Holes	Length
B0817.04	4	46 mm
B0817.05	5	58 mm
B0817.06	6	70 mm
B0817.07	7	82 mm
B0817.08	8	94 mm
B0817.09 <sup>a</sup>	9	106 mm
B0817.10	10	118mm
B0817.11	11	130mm
B0817.12	12	142mm
B0817.13 <sup>a</sup>	13	154mm
B0817.14 <sup>a</sup>	14	166mm
B0817.15 <sup>a</sup>	15	178mm
B0817.16 <sup>a</sup>	16	190mm
B0817.18 <sup>a</sup>	18	214mm
B0817.20 <sup>a</sup>	20	238mm
B0817.22 <sup>a</sup>	22	262mm

### Reconstruction Plate, 3.5mm Straight, Radiused-S'RUT



#### PROFILE

Thickness : 2.8mm  
Width : 10.0mm  
Hole Spacing : 12.0mm

Fixation with 3.5 and 4.0mm screws. For pelvic, clavicle and calcaneal fractures. Three dimensional contouring is possible with these plates which is enabled by the design. Not to be bent more than 15°.

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Small Fragment Plates

### Small 'T' Plate-S'RUT

Code No.	Holes		Length
	Head	Shaft	
B0803.49	3	3	49 mm
B0803.56	4	4	56 mm
B0803.67	3	5	67 mm
B0803.78	4	6	78 mm



Plate shown is B0803.49

#### SHAFT PROFILE

Thickness : 1.2mm      Fixation with 3.5 and 4.0mm screws. For distal radius.  
 Width : 10.0mm      Can be used for left and right radius.

### Small Oblique 'T' Plate-S'RUT

Code No.	Holes		Length
	Head	Shaft	
B0804.52	3	3	52 mm
B0804.63	3	4	63 mm
B0804.74	3	5	74 mm



Plate shown is B0804.63

#### SHAFT PROFILE

Thickness : 1.5mm      Fixation with 3.5 and 4.0mm screws.  
 Width : 10.0mm      For distal radius. Can be used for left and right radius.

### Cloverleaf Plate-S'RUT

Code No.	Holes	Length
B0504.03	3	88 mm
B0504.04	4	104 mm
B0504.05	5	120 mm
B0504.06	6	136 mm
B0504.08	8	168 mm
B0504.10	10	200 mm
B0504.12	12	232 mm



Plate shown is B0504.04 (4 Holes)

#### SHAFT PROFILE

Thickness : 1.5mm  
 Shaft Width : 15.5mm  
 Fixation with 3.5 and 4.0mm screws.

### 'Y' Plate-S'RUT

Code No.	Holes
B0805.01	12



#### PROFILE

Thickness : 2.0 mm

Fixation with 3.5mm screws.  
 Notched design to suit condylar fractures of the humerus.  
 Plate can be bent in three dimensions to conform to the contours of the bone. Not to be bent more than 15°.

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Plates For 2.7mm Screws

Code No.	Holes	Length
B0901.02	2	20 mm
B0901.021 <sup>a</sup>	2	26 mm
B0901.03	3	28 mm
B0901.04	4	36 mm
B0901.05	5	44 mm
B0901.06	6	52 mm
B0901.07 <sup>a</sup>	7	60 mm
B0901.08 <sup>a</sup>	8	68 mm
B0901.09 <sup>a</sup>	9	76 mm
B0901.10 <sup>a</sup>	10	84 mm
B0901.11 <sup>a</sup>	11	92 mm
B0901.12 <sup>a</sup>	12	100 mm

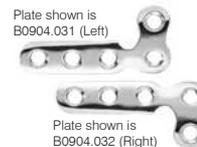
### Auto Compression Plate-S'RUT 2.7mm



#### PROFILE

Thickness : 2.5mm  
 Width : 8.0mm  
 Hole Spacing : 8 & 12mm, 18mm for B0901.021  
 Fixation with 2.7mm screws.

### Small 'L' Plate-S'RUT, 2.7mm



#### Code No.

Left	Right
B0904.031	B0904.032

#### PROFILE

Thickness : 1.2mm  
 Width : 7.0mm  
 Hole Spacing : 8.0mm

For Finger joint - head. Shaft with 3 holes and head with 2 Holes.

Code No.	Holes	Length
B0907.05	5	40 mm
B0907.06	6	48 mm
B0907.08	8	64 mm
B0907.10	10	80 mm
B0907.12	12	96 mm
B0907.14	14	112 mm
B0907.16	16	128 mm
B0907.18	18	144 mm
B0907.20	20	160 mm
B0907.22	22	176 mm
B0907.24	24	192 mm

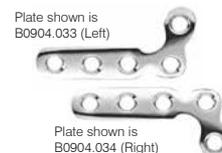
### Reconstruction Plate-S'RUT 2.7mm Straight, Radiused<sup>a</sup>



#### PROFILE

Thickness : 2.5mm  
 Width : 8.0mm  
 Hole Spacing : 8.0mm

### Small 'L' Plate Oblique-S'RUT, 2.7mm



#### Code No.

Left	Right
B0904.033	B0904.034

#### PROFILE

Thickness : 1.2mm  
 Width : 7.0mm  
 Hole Spacing : 8.0mm

For Finger joint - head. Shaft with 3 holes and head with 2 holes.

Code No.	Holes	Length
B0902.03	3	23 mm
B0902.04	4	31mm
B0902.05	5	39 mm
B0902.06	6	47 mm
B0902.07	7	55 mm
B0902.08	8	63 mm

### Quarter Tubular Plate-S'RUT



#### PROFILE

Thickness : 1.0mm  
 Width : 7.0mm  
 Hole Spacing : 8.0mm

Fixation with 2.7mm Screws.

### Small 'T' Plate-S'RUT, 2.7mm



#### Code No.

B0905.01

#### PROFILE

Thickness : 1.2mm  
 Width : 7.0mm  
 Hole Spacing : 8.0mm

For Finger joint - head. Shaft with 3 holes and head with 2 holes.

### Multiple Fragment Plate-S'RUT



#### Code No.

B0903.01

#### PROFILE

Thickness : 1.2mm  
 Width : 15.0mm

Fixation with 2.7mm screw. For use in Multiple Fractures in small bones. Slightly concave plate with alternating screw holes.

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Plates For 2.0 mm / 1.5 mm Screws

Code No.	Holes	Length
B1001.03	3	17 mm
B1001.04	4	23 mm
B1001.05	5	29 mm
B1001.06	6	35 mm

### Straight Mini Plate-S'RUT



#### PROFILE

Thickness : 1.0mm  
 Width : 5.0mm  
 Hole Spacing : 6.0mm

Can be cut to required length with a wire cutter.

### Mini 'L' Plate-S'RUT



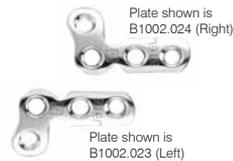
#### PROFILE

Thickness : 1.0mm  
 Width : 5.0mm  
 Hole Spacing : 6.0mm (Slightly Hollow)

For head of finger joint shaft with 2 holes and head with 2 holes.

Code No.	
Left	Right
B1002.021	B1002.022

### Mini 'L' Plate Oblique-S'RUT



#### PROFILE

Thickness : 1.0mm  
 Width : 5.0mm  
 Hole Spacing : 6.0mm (Slightly Hollow)

For head of finger joint shaft with 2 holes and head with 2 holes.

Code No.	
Left	Right
B1002.023	B1002.024

### Mini 'T' Plate-S'RUT



#### PROFILE

Thickness : 1.0mm  
 Width : 5.0mm  
 Hole Spacing : 6.0mm (Slightly Hollow)

For head of finger joint shaft with 2 holes and head with 2 holes.

Code
B1003.01

## Compression Hip Screw System

### C.H.S. Barrel Plate-S'RUT 38mm Barrel Auto Compression Holes

Sterile range-Product Code Suffix-S<sup>a</sup>

#### PROFILE

Thickness	: 5.8mm	
Width	: 19mm	
Hole Spacing	: 16mm	Fixation with 4.5mm Cortex Screw.
Outer Barrel Dia	: 12.5mm	With slot for Tension Device. For Pertrochanteric and Intertrochanteric fractures.

130°	135°	140°	145°	150°	Holes
	B0710.1352	B0710.1402	B0710.1452 <sup>a</sup>	B0710.1502 <sup>a</sup>	2
B0710.1303	B0710.1353				3
B0710.1304	B0710.1354	B0710.1404 <sup>a</sup>	B0710.1454 <sup>a</sup>	B0710.1504 <sup>a</sup>	4
B0710.1305	B0710.1355	B0710.1405 <sup>a</sup>	B0710.1455 <sup>a</sup>	B0710.1505 <sup>a</sup>	5
B0710.1306	B0710.1356	B0710.1406 <sup>a</sup>	B0710.1456 <sup>a</sup>	B0710.1506 <sup>a</sup>	6
B0710.1307	B0710.1357				7
B0710.1308	B0710.1358			B0710.1508 <sup>a</sup>	8
B0710.1309	B0710.1359				9
B0710.1310	B0710.1360			B0710.1510 <sup>a</sup>	10
B0710.1311	B0710.1361				11
B0710.1312	B0710.1362			B0710.1512 <sup>a</sup>	12
B0710.1313	B0710.1363				13
B0710.1314	B0710.1364				14
B0710.1315	B0710.1365				15
B0710.1316	B0710.1366				16
B0710.1318	B0710.1368				18



### C.H.S. Barrel Plate-S'RUT 25mm Barrel Auto Compression Holes

Sterile range-Product Code Suffix-S<sup>a</sup>

130°	135°	Holes
B0712.1303 <sup>a</sup>	B0712.1353	3
B0712.1304	B0712.1354	4
B0712.1305	B0712.1355	5
B0712.1306	B0712.1356	6
B0712.1307 <sup>a</sup>	B0712.1357	7
B0712.1308 <sup>a</sup>	B0712.1358	8
B0712.1309 <sup>a</sup>	B0712.1359 <sup>a</sup>	9
B0712.1310 <sup>a</sup>	B0712.1360 <sup>a</sup>	10
B0712.1312 <sup>a</sup>	B0712.1362 <sup>a</sup>	12
B0712.1314 <sup>a</sup>	B0712.1364 <sup>a</sup>	14
B0712.1316 <sup>a</sup>	B0712.1366 <sup>a</sup>	16

#### PROFILE

Thickness	: 5.8mm
Width	: 19mm
Hole Spacing	: 16mm
Outer Barrel Dia	: 12.5mm

Fixation with 4.5mm Cortex Screw. With Auto Compression Holes and slot for Tension Device. For Pertrochanteric and Intertrochanteric fractures.

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Compression Hip Screw System



### C.H.S. Barrel Plate (Asian) 38mm Barrel, Round Holes-S'RUT

#### PROFILE

Thickness : 5.8mm  
Width : 16.0mm  
Hole Spacing : 16.0mm  
Outer Barrel Dia : 12.5mm

Fixation with 4.5mm Cortex Screw.  
With slot for Tension Device. For Pertrochanteric and Intertrochanteric fractures.

120°	125°	130°	135°	140°	145°	150°	Holes
							2
B0703.1203 <sup>a</sup>	B0703.1253 <sup>a</sup>	B0703.1303	B0703.1353	B0703.1403 <sup>a</sup>	B0703.1453 <sup>a</sup>	B0703.1503 <sup>a</sup>	3
B0703.1204 <sup>a</sup>	B0703.1254 <sup>a</sup>	B0703.1304	B0703.1354	B0703.1404 <sup>a</sup>	B0703.1454 <sup>a</sup>	B0703.1504 <sup>a</sup>	4
B0703.1205 <sup>a</sup>	B0703.1255 <sup>a</sup>	B0703.1305	B0703.1355	B0703.1405 <sup>a</sup>	B0703.1455 <sup>a</sup>	B0703.1505 <sup>a</sup>	5
B0703.1206 <sup>a</sup>	B0703.1256 <sup>a</sup>	B0703.1306	B0703.1356	B0703.1406 <sup>a</sup>	B0703.1456 <sup>a</sup>	B0703.1506 <sup>a</sup>	6
		B0703.1307	B0703.1357				7
		B0703.1308	B0703.1358				8
		B0703.1309	B0703.1359				9
		B0703.1310	B0703.1360				10
			B0703.1361				11
			B0703.1362				12
			B0703.1363				13
			B0703.1364				14
			B0703.1365				15
			B0703.1366				16
			B0703.1368				18

### C.H.S. Barrel Plate (Asian) 38mm Barrel, Auto Compression Holes-S'RUT

#### PROFILE

Thickness : 5.8mm  
Width : 16.0mm  
Hole Spacing : 16.0mm  
Outer Barrel Dia : 12.5mm

Fixation with 4.5mm Cortex Screw.  
With slot for Tension Device. For Pertrochanteric and Intertrochanteric fractures.

120°	125°	130°	135°	140°	145°	150°	Holes
			B0704.1352				2
B0704.1203 <sup>a</sup>	B0704.1253 <sup>a</sup>	B0704.1303	B0704.1353	B0704.1403 <sup>a</sup>	B0704.1453 <sup>a</sup>	B0704.1503 <sup>a</sup>	3
B0704.1204 <sup>a</sup>	B0704.1254 <sup>a</sup>	B0704.1304	B0704.1354	B0704.1404 <sup>a</sup>	B0704.1454 <sup>a</sup>	B0704.1504 <sup>a</sup>	4
B0704.1205 <sup>a</sup>	B0704.1255 <sup>a</sup>	B0704.1305	B0704.1355	B0704.1405 <sup>a</sup>	B0704.1455 <sup>a</sup>	B0704.1505 <sup>a</sup>	5
B0704.1206 <sup>a</sup>	B0704.1256 <sup>a</sup>	B0704.1306	B0704.1356	B0704.1406 <sup>a</sup>	B0704.1456 <sup>a</sup>	B0704.1506 <sup>a</sup>	6
		B0704.1307	B0704.1357				7
		B0704.1308	B0704.1358				8
		B0704.1309	B0704.1359				9
		B0704.1310	B0704.1360				10
			B0704.1361				11
			B0704.1362				12
			B0704.1363				13
			B0704.1364				14
			B0704.1365				15
			B0704.1366				16
			B0704.1368				18



<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

# Implants For Proximal/Distal Femur

## Compression Hip Screw System

### C.H.S. Barrel Plate (Asian) 25mm Barrel, Round Holes-S'RUT

**PROFILE**

Thickness : 5.8mm  
 Width : 16.0mm  
 Hole Spacing : 16.0mm  
 Outer Barrel Dia : 12.5mm

Fixation with 4.5mm Cortex Screw.  
 With slot for Tension Device. For Petrochanteric and Intertrochanteric fractures.

120°	125°	130°	135°	140°	145°	150°	Holes
							2
B0705.1203 <sup>a</sup>	B0705.1253 <sup>a</sup>	B0705.1303	B0705.1353	B0705.1403 <sup>a</sup>	B0705.1453 <sup>a</sup>	B0705.1503 <sup>a</sup>	3
B0705.1204 <sup>a</sup>	B0705.1254 <sup>a</sup>	B0705.1304	B0705.1354	B0705.1404 <sup>a</sup>	B0705.1454 <sup>a</sup>	B0705.1504 <sup>a</sup>	4
B0705.1205 <sup>a</sup>	B0705.1255 <sup>a</sup>	B0705.1305	B0705.1355	B0705.1405 <sup>a</sup>	B0705.1455 <sup>a</sup>	B0705.1505 <sup>a</sup>	5
B0705.1206 <sup>a</sup>	B0705.1256 <sup>a</sup>	B0705.1306	B0705.1356	B0705.1406 <sup>a</sup>	B0705.1456 <sup>a</sup>	B0705.1506 <sup>a</sup>	6
		B0705.1307	B0705.1357				7
		B0705.1308	B0705.1358				8
		B0705.1309	B0705.1359				9
		B0705.1310	B0705.1360				10
			B0705.1361				11
			B0705.1362				12
			B0705.1363				13
			B0705.1364				14
			B0705.1365				15
			B0705.1366				16
			B0705.1368				18



### C.H.S. Barrel Plate (Asian) 25mm Barrel, Auto Compression Holes-S'RUT

**PROFILE**

Thickness : 5.8mm  
 Width : 16.0mm  
 Hole Spacing : 16.0mm  
 Outer Barrel Dia : 12.5mm

Fixation with 4.5mm Cortex Screw.  
 With slot for Tension Device. For Petrochanteric and Intertrochanteric fractures.

120°	125°	130°	135°	140°	145°	150°	Holes
							2
B0706.1203 <sup>a</sup>	B0706.1253 <sup>a</sup>	B0706.1303	B0706.1353	B0706.1403 <sup>a</sup>	B0706.1453 <sup>a</sup>	B0706.1453 <sup>a</sup>	3
B0706.1204 <sup>a</sup>	B0706.1254 <sup>a</sup>	B0706.1304	B0706.1354	B0706.1404 <sup>a</sup>	B0706.1454 <sup>a</sup>	B0706.1454v	4
B0706.1205 <sup>a</sup>	B0706.1255 <sup>a</sup>	B0706.1305	B0706.1355	B0706.1405 <sup>a</sup>	B0706.1455 <sup>a</sup>	B0706.1455 <sup>a</sup>	5
B0706.1206 <sup>a</sup>	B0706.1256 <sup>a</sup>	B0706.1306	B0706.1356	B0706.1406 <sup>a</sup>	B0706.1456 <sup>a</sup>	B0706.1456v	6
		B0706.1307	B0706.1357				7
		B0706.1308	B0706.1358				8
		B0706.1309	B0706.1359				9
		B0706.1310	B0706.1360				10
			B0706.1361				11
			B0706.1362				12
			B0706.1363				13
			B0706.1364				14
			B0706.1365				15
			B0706.1366				16
			B0706.1368				18



<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Compression Hip Screw System



Code No.	Holes
B0713.06	6
B0713.07	7
B0713.08	8
B0713.09	9
B0713.10	10
B0713.11	11
B0713.12	12
B0713.13	13
B0713.14	14
B0713.16	16
B0713.18	18
B0713.20	20
B0713.22	22

**95° Condylar Screw Plate-S'RUT**  
**Auto Compression Holes<sup>a</sup>**  
 Sterile range-Product Code Suffix-S<sup>a</sup>

**PROFILE**

Thickness : 5.4mm  
 Width : 16 mm  
 Hole Spacing : 16mm  
 Outer Barrel Dia : 12.5mm  
 Barrel Length : 25mm

Fixation with 4.5mm cortex screw. for condylar fractures, avoids further damage to bone.

Code No.	Length
B0701.050	50mm
B0701.055	55mm
B0701.060	60mm
B0701.065	65mm
B0701.070	70mm
B0701.075	75mm
B0701.080	80mm
B0701.085	85mm
B0701.090	90mm
B0701.095	95mm
B0701.100	100mm
B0701.105	105mm
B0701.110	110mm
B0701.115	115mm



**CHS Lag Screw<sup>c</sup>-S'RUT**  
 Sterile range-Product Code Suffix-S<sup>a</sup>

**PROFILE**

Thread Dia. : 12.5mm  
 Thread Length : 22mm  
 Shaft Dia. : 8mm



Code No.	Length
B0702.00	27mm
B0702.01	36mm

**CHS Compression Screw-S'RUT**  
**Hex. Slot<sup>a</sup>**  
 Sterile range-Product Code Suffix-S<sup>a</sup>

Use with C.H.S & Dynamic Condylar Screw Plates.  
 With hexagonal socket 3.5mm a/f.

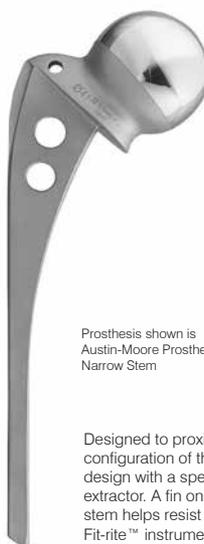
<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

<sup>c</sup> Sizes above 115mm not in standard manufacturing program. Available on request .

## Hemi-Arthroplasty Implants

Narrow Stem		Dia.
Sterile	Non-sterile	
A0603.035	A0601.035	35
A0603.036 <sup>a</sup>	A0601.036 <sup>a</sup>	36
A0603.037	A0601.037	37
A0603.038 <sup>a</sup>	A0601.038 <sup>a</sup>	38
A0603.039	A0601.039	39
A0603.040 <sup>a</sup>	A0601.040 <sup>a</sup>	40
A0603.041	A0601.041	41
A0603.042 <sup>a</sup>	A0601.042 <sup>a</sup>	42
A0603.043	A0601.043	43
A0603.044 <sup>a</sup>	A0601.044 <sup>a</sup>	44
A0603.045	A0601.045	45
A0603.046 <sup>a</sup>	A0601.046 <sup>a</sup>	46
A0603.047	A0601.047	47
A0603.048 <sup>a</sup>	A0601.048 <sup>a</sup>	48
A0603.049	A0601.049	49
A0603.050 <sup>a</sup>	A0601.050 <sup>a</sup>	50
A0603.051	A0601.051	51
A0603.052 <sup>a</sup>	A0601.052 <sup>a</sup>	52
A0603.053	A0601.053	53
A0603.054 <sup>a</sup>	A0601.054 <sup>a</sup>	54
A0603.055	A0601.055	55

**Austin-Moore Prosthesis XL  
Narrow Stem-S'RUT**



Prosthesis shown is  
Austin-Moore Prosthesis,  
Narrow Stem

Designed to approximate the anatomical configuration of the femur. Self Locking design with a special opening for an extractor. A fin on the outer edge of the stem helps resist rotation. To be use with Fit-rite™ instrumentation.

Code No.	Dia.
A0605.039	39
A0605.041	41
A0605.043	43
A0605.045	45
A0605.047	47
A0605.049	49
A0605.051	51
A0605.053	53

**Bipolar Prosthesis  
Non-fenestrated, Sterile  
(with cup)-S'RUT**



Code No.	Dia.
A0606.039	39
A0606.041	41
A0606.043	43
A0606.045	45
A0606.047	47
A0606.049	49
A0606.051	51
A0606.053	53

**Bipolar Prosthesis  
Fenestrated, Sterile  
(with cup)-S'RUT**



These prostheses feature a pre-articulated Bipolar Head encasing an Ultra High Molecular Weight (UHMW) polyethylene acetabular cup. UHMW polyethylene is recognised to resist wear over long periods of time. This extremely low friction internal articulation significantly reduces acetabular erosion. These prostheses are available in gamma-irradiated pre-sterile form.

## Tubular External Fixator 11mm System

Single Adjustable Clamp



Code No.

G1004.01

Open Clamp



Code No.

G1004.02

Universal Joint  
for two Tubes



Code No.

G1004.03

**Consists of**

G1004.031 - 1 unit

G1004.01 - 2 units (except vice plates)

Tube to Tube Clamp



Code No.

G1004.04

Tranverse Pin Adjusting Clamp



Code No.

G1004.05

Open Compressor, 11mm



Code No.

G1002.03

Code No.	Length
G1003.1110	100mm
G1003.1112	125mm
G1003.1115	150mm
G1003.1120	200mm
G1003.1125	250mm
G1003.1130	300mm
G1003.1135	350mm
G1003.1140	400mm
G1003.1145	450mm
G1003.1150	500mm
G1003.1155	550mm
G1003.1160	600mm
G1003.1165	650mm

Tubes Dia. 11mm



## Universal External Fixator 8mm System

### Universal Clamp, Large



Code No.	Consists of
G2004.10	G2004.1118 - 1 unit
	G2005.02 - 1 unit
	G2004.1225 - 1 unit
	G2006.22 - 1 unit



Pin Element, large	
Threaded	G2004.1215
Unthreaded	G2004.1225



Tube Element, large	
Threaded	G2004.1118
Unthreaded	G2004.1128



Hex. Bolt, large	
Code No.	Length (mm)
G2006.22	22
G2006.25	25
G2006.35	35
G2006.50	50



Spacer Disc, large	
Code No.	Thickness (mm)
G2005.02	2
G2005.03	3
G2005.04	4
G2005.05	5
G2005.06	6
G2005.07	7
G2005.08	8
G2005.09	9
G2005.10	10

Code No.	Length (mm)
G1003.0810	100
G1003.0815	150
G1003.0820	200
G1003.0825	250
G1003.0830	300
G1003.0835	350
G1003.0840	400
G1003.0845	450
G1003.0850	500
G1003.0855	550
G1003.0860	600
G1003.0865 <sup>a</sup>	650

### Tubes Dia. 8mm



### Compressor, 8mm



Code No.
G4002.01

## 4mm System

Code No.	Length (mm)
F0201.4010	100
F0201.4012 <sup>a</sup>	120
F0201.4014 <sup>a</sup>	140
F0201.4015	150
F0201.4016 <sup>a</sup>	160
F0201.4018 <sup>a</sup>	180
F0201.4020	200
F0201.4025	250
F0201.4030 <sup>a</sup>	300

### Connecting Rod, 4mm



### Universal Clamp, Small



Code No.	Consists of
G2104.10	G2104.1114 - 1 unit
	G2104.1223 - 1 unit
	G2106.00 - 1 unit
	G2105.01 - 1 unit



Pin Element, small	
Threaded	G2104.1213
Unthreaded	G2104.1223



Rod Element, small	
Threaded	G2104.1114
Unthreaded	G2104.1124



Hex. Bolt, small	
G2106.00	



Spacer disc, small	
Code No.	thickness
G2105.01	1.0mm
G2105.005	0.5mm

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Implants for External Fixators

### Schanz Screws-S'RUT



Dia. 2.5 mm	Length	Dia. 3.5 mm	Length	Dia. 5.0 mm	Length	PROFILE
B1222.2510	100	B1222.3510	100	B1222.5010	100	Thread Dia. : 5.0mm Thread profile : Buttress Thread Length : 50mm Core Dia. : 3.8mm Tip type : Flat tip, self-tapping Pre drilling : 3.5mm
B1222.2515	150	B1222.3515	150	B1222.5012	125	
				B1222.5015	150	
				B1222.5017	175	
				B1222.5020	200	
				B1222.5025	250	
				B1222.5030	300	

The 5 x 3.8mm Schanz Screws with flat tip offer relatively better holding in metaphyseal regions due to the radial preloading achieved with the use of a 3.5mm drill bit.

### Schanz Screws, 18mm thread length-S'RUT



Dia. 4.5 mm	Length	PROFILE
B1223.4510	100	Thread Dia. : 4.5mm
B1223.4512	125	Thread profile : Buttress
B1223.4515	150	Thread Length : 18.0mm
B1223.4517	175	Core Dia. : 2.4mm
B1223.4520	200	Tip type : Flat tip, self-tapping
B1223.4525	250	Pre drilling : 2.5mm
		Near cortex overdrill : 4.5mm

The buttress profiled short threaded (18mm) 4.5 Schanz Screws are designed to provide excellent resistance to pull-out forces with threads in the far cortex. The radial shaft lock is designed to minimize loosening of the Schanz Screws which could aggravate pin tract infection and other associated problems.

### Steinmann Pins-S'RUT



Code No.	Dia.	Length
B1211.2512 <sup>a</sup>	2.5	125
B1211.2515 <sup>a</sup>	2.5	150
B1211.3015 <sup>a</sup>	3.0	150
B1211.3020 <sup>a</sup>	3.0	200
B1211.3512	3.5	125
B1211.3515	3.5	150
B1211.3517 <sup>a</sup>	3.5	175
B1211.3520 <sup>a</sup>	3.5	200
B1211.3525 <sup>a</sup>	3.5	250
B1211.4015	4.0	150
B1211.4017	4.0	175
B1211.4020	4.0	200
B1211.4025 <sup>a</sup>	4.0	250
B1211.4512	4.5	125
B1211.4515	4.5	150
B1211.4517	4.5	175
B1211.4520	4.5	200
B1211.4522	4.5	225
B1211.4525 <sup>a</sup>	4.5	250
B1211.5012	5.0	125
B1211.5015	5.0	150
B1211.5017	5.0	175
B1211.5020	5.0	200
B1211.5022	5.0	225
B1211.5025	5.0	250
B1211.5027	5.0	275
B1211.5030	5.0	300

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

## Common Instruments

### Simple T-Handle for Steinman Pins

Not Illustrated

**Code No.**

G1002.02

### Drill Bit Non Q.C



Code No.	Dia.	Length
D0211.025	2.5mm	111
D0211.035	3.5mm	180
D0211.045	4.5mm	180

### Drill Bit Q.C



Code No.	Dia.	Length
D0211.20	2.0mm	100
D0211.25	2.5mm	110
D0212.035	3.5mm	195
D0212.045	4.5mm	195

## Large, for 11mm/8mm systems

### Combination Wrench

Not Illustrated

**Code No.**

**A/F Dimn.**

G2002.010	10mm (for 8mm system)
G2002.011	11mm (for 11mm system)

### Socket Wrench

Not Illustrated

**Code No.**

**A/F Dimn.**

G2002.10	10mm (for 8mm system)
G2002.11	11mm (for 11mm system)

### Triple Trocar Assembly, large



**Code No.**

**Consists of**

G1001.35	- 1 unit
G1011.5035	- 1 unit
G1011.6050	- 1 unit

G1011.3511

### Trocar



Code No.	Dia
G1001.35	3.5mm

### Drill Sleeve with anti-rotation bar,



Code No.	Dia (OD/ID)	Length
G1011.5035	5.0/3.5mm	110mm

### Protection Cap for Pins



**Code No.**

**Dia**

G1005.40	4.0mm
G1005.45	4.5mm
G1005.50	5.0mm

### Drill Sleeve with Handle



Code No.	Dia (OD/ID)	Length
G1011.6050	6.0/5.0mm	110mm

## Small for 4mm system

### Combination Wrench 8mm

Not Illustrated

**Code No.**

G2002.008

### Socket Wrench 8mm

Not Illustrated

**Code No.**

G2002.08

### Triple Trocar Assembly, Small for Schanz Screw



**Code No.**

G2001.2006

**Consists of**

G2001.20 - 1 unit  
G2001.3520 - 1 unit  
G2001.5035 - 1 unit

**Code No.**

G2001.2506

**Consists of**

G2001.25 - 1 unit  
G2001.3525 - 1 unit  
G2001.5035 - 1 unit

### Trocar



**Code No.**

G2001.20

**Dia**

2.0

G2001.25

2.5

### Sleeve for Triple Trocar



**Code No.**

G2001.3520

**OD**

3.5mm

**ID**

2.0mm

**Length**

60mm

G2001.3525

3.5mm

2.5mm

60mm

### Drill Sleeve



**Code No.**

G2001.5035

**OD**

5.0mm

**ID**

3.5mm

**Length**

60mm

### Protection Cap for Pins



**Code No.**

G1005.25

**Dia**

2.5mm

G1005.30

3.0mm

G1005.35

3.5mm

## Pins, Wires, Staples etc.

### Suture Wire Reel-S'RUT



Code No.	Gauge	mm (approx.)
A1506.16	16	1.6
A1506.18	18	1.2
A1506.20	20	1.0
A1506.22	22	0.7
A1506.24	24	0.6
A1506.26	26	0.5
A1506.28	28	0.4
A1506.30	30	0.3

Highly polished suture wires are made of high quality stainless steel and are soft for ease in application.

### Kirschner Wires-Adler® with Trocar Tip



150mm	300mm	Dia.
B1105.0815	B1105.0830	0.80mm
B1105.1015	B1105.1030	1.0mm
B1105.1215	B1105.1230	1.2mm
B1105.1415 <sup>a</sup>	B1105.1430 <sup>a</sup>	1.4mm
B1105.1515	B1105.1530	1.5mm
B1105.1615 <sup>a</sup>	B1105.1630 <sup>a</sup>	1.6mm
B1105.1815	B1105.1830	1.8mm
B1105.2015	B1105.2030	2.0mm
B1105.2515	B1105.2530	2.5mm
B1105.3015 <sup>a</sup>	B1105.3030 <sup>a</sup>	3.0mm
	B1105.3530 <sup>a</sup>	3.5mm

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

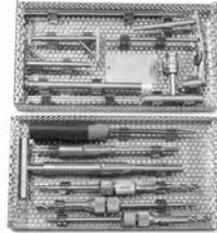
The **VFM** range of instrument and Implant sets is an intelligent and selective combination, based on an intricate understanding of product performance and genuine user needs. Unmatched Value For Money combinations are achieved through skillful balance of indigenous, precision technology, International manufacturing and top quality aesthetics.

## Large Fragment

### CHS/DCS Instrument Set



Aluminium Case & Trays, Adler®



Perforated Sterilising Trays, Adler®

Code No.	Description	E0103.09
<b>STERILISATION CASE AND TRAY OPTIONS</b>		
<b>Aluminium Case &amp; Trays, S'RUT</b>		
D0101.0103	Aluminium Case	1
D0103.0101	Al. Lower Tray for Instruments	1
D0103.0102	Al. Middle Tray for Instruments	1
D0103.0103	Al. Upper Tray for Instruments	1
<b>Perforated Sterilising Trays, Adler®</b>		
D0104.0101	S.S. Perforated Sterilising Lower Tray for C.H.S.	1
D0104.0102	S.S. Perforated Sterilising Upper Tray for C.H.S.	1
<b>Aluminium Case &amp; Trays, Adler®</b>		
D0106.1301	Aluminium Case, Long, Blue, Adler®	1
D0107.2105	S.S Tray 1 for CHS Instrument Set, Adler®	1
D0107.2106	S.S Tray 2 for CHS Instrument Set, Adler®	1
<b>SET CONTENTS</b>		
D0501.00	Guide Wire (2.5mm X 230mm Length), S'RUT	10
D0512.135	C.H.S. Angle Guide (Q.C.) 135°, S'RUT	1
D0512.130	C.H.S. Angle Guide (Q.C.) 130°, S'RUT	1
D0503.01	C.H.S. `T` Handl With Q.C., S'RUT	1
D0504.00	Direct Measuring Device, S'RUT	1
D0505.04	C.H.S. Tri-Action Reamer Q.C. for 38mm Barrel length, S'RUT	1
D0505.05	C.H.S. Tri-Action Reamer Q.C. for 25mm Barrel length, S'RUT	1
D0506.01	C.H.S./D.C.S.Tap with Q.C. 12.5mm, S'RUT	1
D0507.00	Centering Sleeve For TapV	1
D0508.00	C.H.S. Wrench, S'RUT	1
D0509.00	Centering Sleeve for Wrench, S'RUT	1
D0510.001	Coupling Screw, S'RUT	1
D0510.01	Coupling Screw For Removal, S'RUT	1
D0511.00	Guide Shaft, S'RUT	1
D0512.00	Impactor For C.H.S..Plates, S'RUT	1
D0216.35	Hex Screwdriver with fibre handle, Adler®, 3.5 A/F	1
D0505.06	D.C.S. Tri-Action Reamer, S'RUT	1
D0512.095	D.C.S. Angle Guide 95° With Q.C., S'RUT	1

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

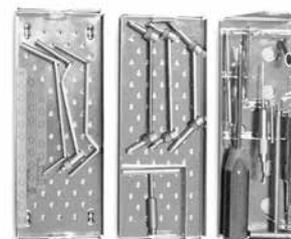
Photograph is illustrative. Refer to content listing for correct set contents.

## Large Fragment

### E0101.01-Basic Set



Aluminium Case & Trays, Adler®



Aluminium Case & Trays, S'RUT

Code No.	Description	Qty.
	<b>STERILISATION CASE AND TRAY OPTIONS</b>	
	<b>Aluminium Case &amp; Trays, S'RUT</b>	
D0101.0101	Aluminium Case	1
D0102.0101	S. S. Lower tray for Instruments	1
D0102.0102	S. S. Middle tray for Instruments	1
D0102.0103	S. S. Upper tray for Instruments/Plates	1
	<b>Aluminium Case &amp; Trays, Adler®</b>	
D0106.1201	Aluminium Case, Long, Yellow	1
D0107.2107	S.S. Tray for Basic Set Instruments	1
D0107.2108	S.S. Tray, seperated for Instruments	1
D0211.32	Drill Bit Q.C. 'Adler®', 3.2mm	3
D0211.45	Drill Bit Q.C. 'Adler®', 4.5mm	2
D0202.45	Large Countersink	1
D0204.00	Tap Handle Q. C.	1
D0213.45	Tap Q.C. - Adler®, 4.5mm	2
D0213.65	Tap Q.C. - Adler®, 6.5mm	1
D0215.4532	Double Drill Sleeve 4.5mm/3.2mm	1
D0205.4532	Insert Drill Sleeve 4.5mm/3.2mm	1
D0215.6532	Double Drill Sleeve 6.5mm/3.2mm	1
D0216.35	Hex Screwdriver with fibre handle 'Adler®', 3.5 A/F	1
D0216.351	Hex Screwdriver Q.C., 3.5 A/F	1
D0207.031	Depth Gauge for Large Screws Stainless Steel	1
D0207.04	Sharp Hook	1
D0205.132	ACP Load & Neutral Drill Guide 3.2mm (For 4.5mm Screws)	1
D0205.345	Universal Drill Guide for SS Low Contact ACP 4.5mm	1
D0205.232	SS Low Contact-ACP Load & Neutral Drill Guide 3.2mm	1
D0305.122	Template for contouring plates Large ACP/Low Contact ACP - 7 H x 120mm	1
D0305.123	Template for contouring plates Large ACP/Low Contact ACP - 9 H x 155mm	1
D0305.124	Template for contouring plates Large ACP/Low Contact ACP - 12 H x 210mm	1

Photograph is illustrative. Refer to content listing for correct set contents.

## Large Fragment

### E0202.03-Plate Set



Aluminium Case & Trays, Adler®

Aluminium Case & Trays, S'RUT

Code No.	Description	Qty.
<b>STERILISATION CASE AND TRAY OPTIONS</b>		
<b>Aluminium Case &amp; Trays, S'RUT</b>		
D0101.0102	Aluminium Case	1
D0102.0103	S.S. Upper tray for Insts./Plates	1
D0102.0107	S.S. Lower tray for Plate	1
<b>Aluminium Case &amp; Trays, Adler®</b>		
D0109.1501	Aluminium Case, Short, Yellow/Silver	1
D0107.2101	S.S. Lower Tray for (Large Fragment) Plate Set	1
D0107.2102	S.S. Middle Tray for (Large Fragment) Plate Set	1
D0107.2103	S.S. Upper Tray for (Large Fragment) Plate Set	1
<b>Semitubular Plates</b>		
B0401.04	71mm x 4 holes	1
B0401.05	87mm x 5 holes	1
B0401.06	103mm x 6 holes	1
B0401.07	119mm x 7 holes	1
<b>Narrow Plate (Auto Compression holes)</b>		
B0403.06	103mm x 6 holes	2
B0403.07	119mm x 7 holes	2
B0403.08	135mm x 8 holes	2
B0403.09	151mm x 9 holes	2
B0403.10	167mm x 10 holes	2
B0403.11	183mm x 11 holes	1
B0403.12	199mm x 12 holes	1
B0403.14	231mm x 14 holes	1
<b>Broad Plate (Auto Compression holes)</b>		
B0405.08	135mm x 8 holes	1
B0405.09	151mm x 9 holes	1
B0405.10	167mm x 10 holes	1
B0405.11	183mm x 11 holes	1
B0405.12	199mm x 12 holes	1
B0405.14	231mm x 14 holes	1
B0405.16	263mm x 16 holes	1
<b>`T' Plate</b>		
B0502.04	84mm x 4 holes	1
B0502.06	116mm x 6 holes	1
B0502.08	148mm x 8 holes	1
B0503.04	`T' Buttress Plate 84mm x 4 holes	1
<b>`L' Buttress Plate</b>		
B0505.041	4 holes Left	1
B0505.042	4 holes Right	1

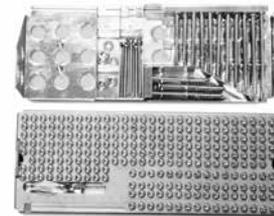
Photograph is illustrative. Refer to content listing for correct set contents.

## Large Fragment

### E0201.03 - Screw Set



Aluminium Case & Trays, Adler®



Aluminium Case & Trays, S'RUT

Code No.	Description	Qty.
<b>STERILISATION CASE AND TRAY OPTIONS</b>		
<b>Aluminium Case &amp; Trays, S'RUT</b>		
D0101.0101	Aluminium Case	1
D0102.0201	S.S. Lower tray for Screws	1
D0102.0202	S.S. Upper tray for Screws	1
<b>Aluminium Case &amp; Trays, Adler®</b>		
D0106.1201	Aluminium Case, Long, Yellow	1
D0107.2104	S.S. Tray for (Large Fragment) Screws	1
D0108.0101	Plastic Tray for (Large Fragment) Screws	1
D0207.05	Screw Holding Forcep	1
<b>Cortex Screws 4.5mm Dia Hex Slot</b>		
B0102.014	14mm	7
B0102.016-020	16mm, 18mm, 20mm - 8 each	24
B0102.022-028	22mm, 24mm, 26mm, 28mm - 8 each	32
B0102.030	30mm	16
B0102.032-036	32mm, 34mm, 36mm - 12 each	36
B0102.038-044	42mm - 6 Nos. & 38mm, 40mm, 44mm - 12 each	42
B0102.046-052	46mm, 48mm, 52mm - 6 each	18
B0102.056-060	56mm - 6 Nos., 60mm - 5 nos. & 64mm, 68mm - 4 each	19
<b>Malleolar Screws 4.5mm Hex Slot</b>		
B0110.025-050	25mm, 30mm, 35mm, 40mm, 45mm, 50mm - 2 each	12
B0110.055-070	55mm, 60mm - 2 each & 65mm, 70mm - 3 each	10
<b>Cancellous Screws 6.5mm/Thread Length 16mm Hex Slot</b>		
B0104.030-050	30mm, 35mm, 40mm, 45mm, 50mm - 2 each	10
B0104.055-070	55mm, 60mm - 2 each & 65mm, 70mm - 3 each	10
B0104.075-090	75mm, 80mm, 85mm, 90mm - 3 each	12
B0104.095-110	95mm, 100mm, 105mm, 110mm - 3 each	12
<b>Cancellous Screws 6.5mm/Thread Length 32mm Hex Slot</b>		
B0106.045-050	45mm, 50mm - 4 each	8
B0106.055-070	55mm, 60mm - 4 each & 65mm, 70mm - 3 each	14
B0106.080-090	80mm, 90mm - 3 each	6
<b>Cancellous Screws 6.5mm/Fully Threaded Hex Slot</b>		
B0108.025-040	25mm - 6 Nos. & 30mm, 35mm, 40mm - 4 each	18
B1101.01	Washer For Cancellous Screws 6.5mm	6

Photograph is illustrative. Refer to content listing for correct set contents.

## Small Fragment

### E0301.01 Small Fragment Set



Aluminium Case & Trays, Adler®



Aluminium Case & Trays, S'RUT

Code No.	Description	Qty.
	<b>STERILISATION CASE AND TRAY OPTIONS</b>	
	<b>Aluminium Case &amp; Trays, S'RUT</b>	
D0101.0101	Aluminium Case	1
D0102.0104	S. S. Lower tray for Instruments	1
D0102.0105	S. S. Middle tray for Plates	1
D0102.0106	S. S. Upper tray for Instruments	1
D0102.0203	S.S. Small Tray for Screws	1
	<b>Aluminium Case &amp; Trays, Adler®</b>	
D0106.1201	Aluminium Case, Long, Yellow	1
D0107.2301	S.S. Tray for Small Fragment Implants	1
D0107.2108	S.S. Tray, seperated for Instruments	1
	<b>Instruments</b>	
D0211.25	Drill Bit Q.C. 'Adler®', 2.5mm	2
D0211.35	Drill Bit Q.C. 'Adler®', 3.5mm	2
D0202.20	Small Countersink, Tip 2.0mm	1
D0213.35	Tap Q.C. - Adler®, 3.5mm x 1.25mm	2
D0213.351	Tap Q.C. - Adler®, 3.5mm x 1.75mm	2
D0204.00	T' Handle Q.C.	1
D0215.3525	Double Drill Sleeve 3.5mm/2.5mm	1
D0205.20	Drill Guide & Drill Sleeve (2mm)	1
D0205.3527	Tap Sleeve/Drill Sleeve 3.5mm/2.7mm	1
D0205.125	ACP Load & Neutral Drill Guide 2.5mm(For 3.5mm Screws)	1
D0216.25	Hex Screwdriver with fibre handle 'Adler®', 2.5 A/F	1
D0216.251	Hex Screwdriver Q.C., 2.5 A/F	1
D0207.021	Depth Gauge for Small Screws Stainless Steel	1
DO207.04	Sharp Hooks	1
D0207.05	Screw Forceps	1
D0304.012	Bending Iron For Small Plates	1
D0304.013	Bending Iron For Small Plates	1
D0304.021	Bending Pliers For Finger Plates	1
D0305.131	Template for contouring plates Small ACP/Low Contact ACP - 5 H x 63mm	1
D0305.132	Template for contouring plates Small ACP/Low Contact ACP - 7 H x 87mm	1
D0802.190	Self Centering Bone Holding Forceps for Small Fragment 190mm	1
D0804.130	Reduction Forceps with Point 130mm	1
D0803.140	Reduction Forceps Extra Small 140mm	1
D0901.01	Retractor Short Narrow Tip, Small, Width 6mm	1
D0901.02	Retractor Short Narrow Tip, Small, Width 8mm	1
D0901.04	Retractor, Extra Long, for small fragment	2
D0902.04	Periosteal Elevator, fibre handle, Curved, Straight Edge, Width 6mm	1
D0305.00	Clips For Plates	5

Continued on next page

Photograph is illustrative. Refer to content listing for correct set contents.

## Small Fragment

### E0301.01 Small Fragment Set (contd.)

Code No.	Description	Qty.
<b>Implants</b>		
<b>Cortex Screws 3.5mm/1.25mm Hex Slot</b>		
B0202.10-16	10mm, 12mm - 4 each & 14mm, 16mm - 8 each	24
B0202.18-28	18mm - 8 Nos. & 20mm, 22mm, 24mm, 26mm, 28mm - 4 each	28
B0202.32-40	32mm, 36mm, 40mm - 4 each	12
<b>Cortex Screws 3.5mm/1.75mm Hex Slot</b>		
B0204.14-16	14mm, 16mm - 2 each	4
B0204.18-28	18mm, 20mm, 22mm, 24mm, 26mm, 28mm - 2 each	12
B0204.32-40	32mm, 36mm, 40mm - 2 each	6
B0204.45-60	45mm, 50mm, 55mm, 60mm - 2 each	8
<b>Cancellous Screws 4mm Dia Hex Slot</b>		
B0206.12-16	12mm, 14mm, 16mm - 2 each	6
B0206.18-26	18mm, 20mm, 22mm, 24mm, 26mm - 2 each	10
B0206.28-35	28mm, 30mm, 35mm - 2 each	6
B0206.40-50	40mm, 45mm, 50mm - 2 each	6
B1101.02	Washer For 3.5mm, 4.00mm Screws	6
<b>One Third Tubular Plates</b>		
B0801.03	3 holes	1
B0801.04	4 holes	2
B0801.05	5 holes	2
B0801.06	6 holes	2
B0801.07	7 holes	1
B0801.08	8 holes	1
<b>"T Plates"</b>		
B0803.49	Small `T' Plates 49mm X 3 holes	1
B0803.56	Small `T' Plates 56mm X 4 holes	1
B0804.52	Small Oblique `T' Plate 52mm x 3 holes	1
B0804.74	Small Oblique `T' Plate 74mm x 5 holes	1
<b>Cloverleaf Plates</b>		
B0504.03	3 holes	1
B0504.04	4 holes	1
<b>"K" Wires, Adler®</b>		
B1105.1215	1.2mm dia 150mm length	10
B1105.1515	1.5mm dia 150mm length	10
B1105.2015	2.0mm dia 150mm length	10
<b>Small Fragment Plate, 3mm, Auto Compression Holes</b>		
B0802.06	73mm x 6 holes	1
B0802.07	85mm x 7 holes	2
B0802.08	97mm x 8 holes	2
B0802.09	110mm x 9 holes	1
B0802.10	121mm x 10 holes	1

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

Photograph is illustrative. Refer to content listing for correct set contents.

## Mini Fragment



### E0302.02 Mini Fragment Set

Aluminium Case & Trays, S'RUT

Aluminium Case & Trays, Adler®

Not Illustrated

Code No.	Description	Qty.
<b>STERILISATION CASE AND TRAY OPTIONS</b>		
<b>Aluminium Case &amp; Trays, S'RUT</b>		
D0101.0103	Aluminium Case	1
D0103.0112	Al. Lower Tray. for Implants	1
D0103.0203	Al. Tray. For Screws	1
D0103.0113	Al. Middle/Upper Tray. For Inst.	2
<b>Aluminium Case &amp; Trays, Adler®</b>		
D0106.1201	Aluminium Case, Long, Yellow	1
D0107.2302	S.S. Tray for Mini Fragment Implants	1
D0107.2108	S.S. Tray, seperated for Instruments	1
<b>Instruments</b>		
D0211.20	Drill Bit Q.C. 'Adler®', 2.0mm	2
D0211.27	Drill Bit Q.C. 'Adler®', 2.7mm	2
D0202.20	Small Countersink	1
D0213.27	Tap Q.C. - Adler®, 2.7mm	2
D0204.00	T' Handle Q.C.	1
D0205.20	Drill Guide & Drill Sleeve (2mm)	1
D0205.35	Tap Sleeve 3.5mm also Drill Sleeve 3.2mm	1
D0207.021	Depth Gauge for Small Screws Stainless Steel	1
D0211.11	Drill Bit Q.C. 'Adler®', 1.1mm	2
D0211.15	Drill Bit Q.C. 'Adler®', 1.5mm	2
D0202.11	Mini Countersink	1
D0213.15	Tap Q.C. 'Adler®', 1.5mm	2
D0213.20	Tap Q.C. 'Adler®', 2.0mm	2
D0216.25	Hex Screwdriver with fibre handle 'Adler®', 2.5 A/F	1
D0216.15	Hex Screwdriver with fibre handle 'Adler®', 1.5mm A/F for 1.5 & 2.0mm Hex Slot screws	1
D0205.15	Mini Drill Sleeve for 1.1mm & 1.5mm Drills	1
D0207.011	Depth Gauge for Mini Screw	1
D0207.04	Sharp Hook	1
D0207.05	Screw Forceps	1
D0305.00	Clips For Plates	5
D0304.011	Bending Iron For Mini/Small Plates	1
D0304.021	Bending Plier For Finger Plates	1
D0801.01	Holding Forceps For Small Plates, 135mm	1
D0801.00	Holding Forceps with Foot for Small Plates, 135mm	1
D0804.130	Reduction Forceps With Point 130mm	1
D0901.01	Retractor Short Narrow Tip, Small, Width 6mm	1
D0901.02	Retractor Short Narrow Tip, Small, Width 8mm	1
D0901.03	Retractor with Broad Shank, for Small Fragment	2
D0902.05	Periosteal Elevator, Fibre Handle, Curved, Straight Edge, Width 3mm	1

Continued on next page

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

Photograph is illustrative. Refer to content listing for correct set contents.

## Mini Fragment

### E0302.02 Mini Fragment Set (contd.)

Not Illustrated

Code No.	Description	Qty.
<b>Implants</b>		
<b>Cortex Screws 2.7mm Hex Slot `XL` Alpha</b>		
B0210.06-12	6mm, 8mm, 10mm, 12mm - 5 each	20
B0210.14-20	14mm, 16mm, 18mm, 20mm - 5 each	20
B0210.22-24	22mm, 24mm - 5 each	10
B1101.02	Washer For 7mm (2.7mm Screws)	6
<b>Cortex Screws 2.0mm Hex Slot `XL` Alpha</b>		
B0304.06 - 12	6mm, 8mm, 10mm, 12mm - 4 each	16
B0304.14 - 20	14mm, 16mm, 18mm, 20mm - 4 each	16
<b>Cortex Screws 1.5mm Hex Slot `XL` Alpha</b>		
B0303.06 - 12	6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm - 4 each	28
B0303.14 - 16	14mm, 16mm - 4 each	8
<b>Plates for 2.7 mm Screws</b>		
B0902.03	Quarter Tubular Plate 3 holes, 23mm length	2
B0902.04	Quarter Tubular Plate 4 holes, 31mm length	2
B0902.05	Quarter Tubular Plate 5 holes, 39mm length	2
B0902.06	Quarter Tubular Plate 6 holes, 47mm length	1
B0902.07	Quarter Tubular Plate 7 holes, 55mm length	1
B0902.08	Quarter Tubular Plate 8 holes, 63mm length	1
B0904.033	Small `L` Plate (Oblique, Left)	2
B0904.034	Small `L` Plate (Oblique, Right)	2
B0905.01	Small `T` Plate	4
<b>Plates for 2.0 mm Screws</b>		
B1001.03	Straight Mini Plate 3 holes, 17mm length	2
B1001.05	Straight Mini Plate 5 holes, 29mm length	2
B1001.06	Straight Mini Plate 6 holes, 35mm length	2
B1002.023	Mini `L` Plate Oblique Left	2
B1002.024	Mini `L` Plate Oblique Right	2
B1003.01	Mini `T` Plate	4
<b>K. Wires, Adler®</b>		
B1105.0815-1515	150mm long - 0.8mm, 1mm, 1.2mm, 1.5mm - 10 each	40
B1105.1815	150mm long - 1.8mm	10

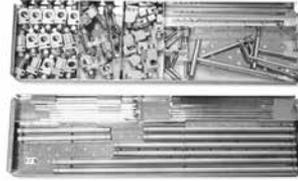
<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.  
Photograph is illustrative. Refer to content listing for correct set contents.

## External Fixator

### E0303.01-Tubular External Fixator Set



Aluminium Case & Trays, Adler®



Aluminium Case & Trays, S'RUT

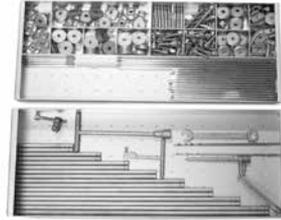
Code No.	Description	Qty.
<b>STERILISATION CASE AND TRAY OPTIONS</b>		
<b>Aluminium Case &amp; Trays, S'RUT</b>		
D0101.0104	Aluminium Case	1
D0102.0108	S. S. Lower Tray For Components	1
D0102.0109	S. S. Upper Tray For Connecting Rods	1
<b>Aluminium Case &amp; Trays, Adler®</b>		
D0106.1201	Aluminium Case, Long, Yellow	1
D0102.0108	S. S. Lower Tray For Components	1
D0102.0109	S. S. Upper Tray For Connecting Rods	1
<b>Fixation Parts (Expendable Material)</b>		
<b>Steinman Pins</b>		
B1211.5015	Dia 5.0mm x 150mm long	4
B1211.5017	Dia 5.0mm x 175mm long	4
<b>Schanz Screws 'XL' Buttress Thread</b>		
B1222.5015	Dia 5.0mm x 3.8mm core Length - 150mm	8
B1222.5017	Dia 5.0mm x 3.8mm core Length - 175mm	8
B1223.4517	Dia 4.5mm x 18mm thread, Length 175mm	8
G1005.45	Protective Cap for Steinman Pins 4.5mm	6
G1005.50	Protective cap for Steinman Pins 5.0mm	10
<b>Tubes</b>		
G1003.1115	Dia 11mm x 150mm	2
G1003.1125	Dia 11mm x 250mm	2
G1003.1130	Dia 11mm x 300mm	2
G1003.1140	Dia 11mm x 400mm	2
<b>Clamps</b>		
G1004.01	Single adjustable Clamp	16
G1004.02	Open Clamp	12
G1004.03	Universal Joint For Two Tubes Consisting - Single Adjustable Clamp (G1004.01) - 2 units, & Plate of Universal Joint (G1004.031) - 1 unit	2
G1004.04	Tube - Tube Clamp	1
G1004.05	Transverse pin adjusting Clamp	1
<b>Instruments</b>		
D0212.035	Drill Bit Q.C. Adler®, Dia 3.5mm Length 110mm	1
D0212.045	Drill Bit Q.C. Adler®, Dia 4.5mm Length 195mm	1
G1001.35	Trocar Dia 3.5mm for Drill Sleeves	1
G1011.5035	Drill Sleeve with Auto Rotation Bar Dia 5.0/3.5mm, length 110mm <sup>4</sup>	1
G1011.6050	Drill Sleeve with handle Dia 6.0/5.0mm length 110mm	1
G1002.11	Socket Wrench 11mm	1
G1002.011	Combination Wrench 11mm	1
G1002.02	Simple T-Handle for Steinman Pins	1
G1002.03	Open Compressor	1

<sup>4</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

Photograph is illustrative. Refer to content listing for correct set contents.

## External Fixator

### E0304.00 - Universal External Fixator Set, Large



Aluminium Case & Trays, S'RUT

Code No.	Description	Qty.
D0101.0108	Aluminium Case	1
D0103.0109	Al. Lower Tray For Connecting Rods	1
D0103.0110	Al. Upper Tray For Components	1
<b>Tubes, Adler®</b>		
G1003.0810	Dia 8mm x 100mm	2
G1003.0815	Dia 8mm x 150mm	2
G1003.0820	Dia 8mm x 200mm	2
G1003.0825	Dia 8mm x 250mm	2
G1003.0830	Dia 8mm x 300mm	2
G1003.0835	Dia 8mm x 350mm	2
G1003.0840	Dia 8mm x 400mm	2
G1003.0845	Dia 8mm x 450mm	2
<b>Clamp Components, Adler®</b>		
G2004.1118	Tube Element for 8mm Tubes threaded	16
G2004.1128	Tube Element for 8mm Tubes unthreaded	6
G2004.1215	Pin Element for 4/5mm Pins threaded	6
G2004.1225	Pin Element for 4/5mm Pins unthreaded	24
<b>Spacer Discs, Adler®</b>		
G2005.02	2.0mm	30
G2005.04	4.0mm	8
G2005.06	6.0mm	6
G2005.08	8.0mm	4
G2005.10	10.0mm	4
<b>Hex Bolts, Adler®</b>		
G2006.22	22mm	25
G2006.25	25mm	20
G2006.35	35mm	10
G2006.50	50mm	5

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Photograph is illustrative. Refer to content listing for correct set contents.

## E0304.00- Universal External Fixator Set, Large (contd)

Code No.	Description	Qty.
<b>Steinman Pins</b>		
B1211.5020	Dia 5mm x 200mm length	8
B1211.5025	Dia 5mm x 250mm length	6
B1211.5030	Dia 5mm x 300mm length	4
B1212.5017	Dia 5mm x 175mm length with central thread	4
B1212.5020	Dia 5mm x 200mm length with central thread	4
<b>Schanz Screws Butress Thread</b>		
B1223.4510	Dia 4.5mm x 18mm thread, Length 100mm	4
B1223.4512	Dia 4.5mm x 18mm thread, Length 125mm	4
B1222.5015	Dia 5mm x 3.8mm Core, Length 150mm	10
B1222.5017	Dia 5mm x 3.8mm Core, Length 175mm	20
B1222.5020	Dia 5mm x 3.8mm Core, Length 200mm	6
<b>Instruments, Adler®</b>		
G1005.45	Protective Caps 4.5mm	10
G1005.50	Protective Caps 5.0mm	30
D0212.035	Drill Bit Q.C. Adler®, Dia 3.5mm Length 195mm	1
D0212.045	Drill Bit Q.C. Adler®, Dia 4.5mm Length 195mm	1
G2002.10	Socket Wrench 10mm	1
G2002.010	Combination Wrench 10mm	1
G1002.02	Simple T-Handle for Steinman Pins	1
G2002.01	Compressor	1
G1001.35	Trocar Ø 3.5mm for sleeve	1
G1011.5035	Drill Sleeve with anti-rotation bar Ø 5.0/3.0mm length	1
G1011.6050	Drill Sleeve with handle Ø 6.0/5.0mm length	1

Photograph is illustrative. Refer to content listing for correct set contents.

## External Fixator

### E0305.00-Universal External Fixator Set, Small

Not Illustrated

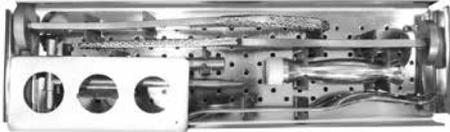
Code No.	Description	Qty.
D0101.0105	Aluminium Case	1
D0103.0107	Aluminium Lower Tray For Connecting Rods	1
D0103.0108	Aluminium Upper Tray For Clamps	1
<b>Connecting Rods, Adler®</b>		
F0201.4010	dia 4mm x 100mm long	4
F0201.4015	dia 4mm x 150mm long	4
F0201.4020	dia 4mm x 200mm long	4
F0201.4025	dia 4mm x 250mm long	4
F0201.4030	dia 4mm x 300mm long	4
<b>Small Clamp / Clamp Components, Adler®</b>		
G2104.10	Standard Small Clamp, consisting of	6
G2104.1114	Rod Element for 4mm Rods-threaded	
G2104.1223	Pin Element for 2.5/3.5mm Pins Unthreaded	
G2105.01	Spacer Discs 1.0mm Thickness	
G2106.00	Hexagonal Bolts	
<b>Steinman Pins</b>		
B1211.2512	dia 2.5mm x 125mm long	4
B1211.2515	dia 2.5mm x 150mm long	4
B1211.3515	dia 3.5mm x 150mm long	4
B1211.3517	dia 3.5mm x 175mm long	4
<b>Schanz Screws, Buttress thread</b>		
B1222.3510	dia 3.5mm x Length 100mm	4
B1222.3515	dia 3.5mm x Length 150mm	4
B1222.2510	dia 2.5mm x Length 100mm	4
B1222.2515	dia 2.5mm x Length 150mm	4
<b>Instruments, Adler®</b>		
G1005.35	Protective Caps 3.5mm	10
G1005.25	Protective Caps 2.5mm	10
D0211.20	Drill Bits Q.C. 'Adler®', 2.0mm	1
D0211.25	Drill Bits Q.C. 'Adler®', 2.5mm	1
D0211.35	Drill Bits Q.C. 'Adler®', 3.5mm	1
<b>Triple Trocar for Small Universal Fixator, Adler®</b>		
G2001.5035	Sleeve For Triple Trocar OD - 5.0 ID - 3.5mm length 60mm <sup>d</sup>	1
G2001.3525	Sleeve For Triple Trocar OD - 3.5 ID - 2.5mm length 60mm <sup>d</sup>	1
G2001.3520	Sleeve For Triple Trocar OD - 3.5 ID - 2.0mm length 60mm <sup>d</sup>	1
G2001.20	Trocar - 2.0mm length 60mm, Adler®	1
G2001.25	Trocar - 2.5mm length 60mm, Adler®	1
G2002.08	Socket Wrench 8mm, Adler®	1
G2002.008	Combination Wrench 8mm, Adler®	1
G1002.02	Simple T-Handle for Steinman Pins, Adler®	1

<sup>a</sup> Not stocked. Please enquire for delivery period / minimum order quantities.

Photograph is illustrative. Refer to content listing for correct set contents.

## Conventional

### E0502.01- FitRite Instrument Set



Code No.	Description	Qty.
C3720.00	FitRite' Modular Cutting Guide, Handle and compaction Rasp (Complete instrument) for use with A0603 (A.M. Prosthesis)	1
	<b>Consisting of</b>	
C3720.0001	FitRite' Cutting Guide-cum-Rasp Handle for A0603 (A.M. Prosthesis)	
C3720.0002	FitRite' Modular Compaction Rasp for A0603 (A.M. Prosthesis)	
C3720.0003	Version Pointer for 'FitRite" Cutting Guide-cum-Rasp Handle (C3720.0001)	
C1801.01	Aluminium Impactor with Tufnol Head For A0603 ( A.M. Prosthesis)	1
C0902.00	Head Extractor for femoral head	1
C1304.00	Head Gauge For Prosthesis	1
D0901.08	Hohmann Retractor, NarrowTip, 43mm	2
D0406.01	Slotted Hammer (for version control)	1
C0101.00	Kuntscher Diamond Pointed Awl	1

Photograph is illustrative. Refer to content listing for correct set contents.

# Instructions for Use

## For use by an Accredited Orthopaedic Surgeon only

### 1. Purpose:

Bone Plates, Bone Screws, Pins and Wires are intended to aid in surgical stabilization following operative procedures to treat fractures, enable correction of skeletal deformities or other related interventions. These devices are meant to share load with the bone during the healing and regenerative phase. These devices are subjected to various mechanical forces while in use. The extent to which the device would withstand these forces is limited by the operating surgeon achieving a stable fixation construct, the use of bone graft to supplement the fixation where appropriate, the correct weight bearing regimen prescribed by the operating surgeon based on the progress of healing and the compliance of the patient. These devices are meant to be removed after they have served their intended purpose.

### 2. Materials:

The chrome-nickel-molybdenum alloyed austenitic stainless steel used for these devices complies with the international norm AISI 316L.

### 3. Preparation:

Before the operation, an operative plan must be drawn up by the operating surgeon, ensuring that -

- All implant components necessary are available in the required quantities
- Aseptic operating conditions are present.
- The required set of instruments is complete, operable and compatible.
- All pertinent documents related to the set of instruments and the implants being used are present and the surgeon and the operating team are, familiar with them.
- The operating surgeon is experienced in performing internal fixation procedures to stabilize fractures using implants and in particular with the specific operative procedure being performed, involving the use of the implant.

### 4. Indications:

Surgical Stabilization following operative procedures to treat fractures, enable correction of deformities or other related interventions, as per the latest fracture management / deformity correction, treatment protocols

### 5. Contraindications:

Contraindications for the use of this device include but are not limited to the following:

- Immunological intolerance
- Patients displaying metal sensitivity or allergic reactions to any of the elements in implant grade materials, e.g. Nickel or Chromium
- Presence of degenerative diseases
- Obesity
- Mental illness
- Poor patient compliance
- Alcohol and/or drug addiction
- Expected overloading of the implants

### 6. Implant Selection and Handling:

- All implant components should be checked for intact packaging on receipt. In case a loaner or consignment set of instruments and implant components is used, all instruments and implants must be carefully checked for completeness and all components should be carefully inspected for absence of damage prior to use.
- Selection of the proper size, shape and design of the implanted device is a crucial parameter for success of the operative procedure and must be ensured by the operative surgeon
- For implants that need to be bent or contoured to conform to the shape of the bone, such contouring must be achieved using bending instruments specially designed for this purpose. Reverse bending which decreases the fatigue life of plates must be avoided. Care should be exercised to ensure that there are no scratches or distortions at the sites of plate holes and that the process of contouring does not cause notches or sharp dents on the implants which may predispose the device to failure
- All pre-operative handling on implants must be done with care to ensure that the handling does not cause scratches, notches or dents on the surface of the implants that may predispose the device to failure.

### 7. Sterilization:

Unless specifically supplied pre-sterile and clearly labeled as such, all implant components and instruments must be sterilized prior to use in surgery using standard sterilization cycles and process parameters in accordance with the latest recommended standards and practices for sterilization of metallic implantable devices.

Some commonly used sterilization methods are: Steam sterilization with Gravity cycle at a temperature of 121 deg Centigrade with an exposure time of 30 minutes.

### Or

Steam sterilization under Pre-Vacuum cycle at a temperature of 132 deg. Centigrade with an exposure time of 4 minutes.

Prior to sterilization, all packaging materials must be removed and the device should be cleaned. Only sterile implants and instruments must be used in surgery. All instruments and implants must be cleaned and dried immediately following use in surgery using standard procedures for cleaning of operative surgical devices.

### 8. Implant Removal

Bone Plates, Bone Screws, Pins and Wires are internal fixation devices. It is intended that these devices assist in the process of stabilizing the operative site during the normal process of healing. Subsequent to healing, these devices do not serve any further functional purpose and need to be removed. Removal is primarily indicated in most cases, as the implants are not intended to transfer or support forces applicable during normal activities. If the implant components are not removed subsequent to completion of their intended use, the following complications may ensue.

1. Corrosion combined with localized pain or tissue reaction.
2. Migration of position of the implant, resulting in injury.
3. Postoperative trauma with the risk of additional injury.
4. Bending, loosening and/or breakage of implant components, which may make removal more difficult or even impractical.
5. Possibly increased risk of infection.
6. Bone loss due to stress shielding.
7. Pain, discomfort or abnormal sensations felt by the patient due to the presence of the device.

### 9. Important Information:

- The operative surgeon is responsible for carrying out the internal fixation procedure correctly and must have mastered the acknowledged updated and latest operating techniques related to the type of surgery being performed, in theory and practice. Complications due to incorrect diagnosis and operating technique and limitations of the method of treatment or lack of aseptic conditions are not the responsibility of the manufacturer
- In addition to physiotherapy and muscle training, it is the responsibility of the operating surgeon to educate the patient about the limitations of metallic implants and precautions to be followed to avoid unnecessary stresses to the implant. In case of devices such as pins and wires which while implanted, project outside the patients body, as a part of an external fixator assembly, it is also the responsibility of the operating surgeon to educate the patient on the possibility of pin tract infection and its associated problems, the importance of maintaining general hygiene and methods of maintaining cleanliness and care of the projecting pins and wires and the external fixator assembly.
- Detailed instructions must be given to the patient concerning the use and limitations of the implanted device. If partial weight bearing is required or recommended prior to bony union, the patient must be warned that loosening, bending and / or breakage of the device are complications which may occur due to early or excessive weight bearing or muscular activity. The patient should be warned to avoid falls or sudden jolts of any nature. If the patient is demented, debilitated or otherwise unable to use crutches or other supporting devices, the risk of loosening, bending and / or breakage may be increased. The patient must be made aware of this fact.
- Any retrieved implant component should be treated in such a manner so as to render further use / re-use of the components, impossible. Used implants that appear undamaged may have internal and external defects caused through accumulated stresses while in use. Reuse of implants, predispose such implants to premature failure.
- Implant components from one manufacturer should not be used with those of another. In case such combinations are necessary, they would be possible only if the surgeon can ascertain that all implants being used are manufactured to correct dimensional specifications and tolerances and from chrome-nickel-molybdenum alloyed austenitic stainless steel complying with or compatible to the relevant standards referred to above.



Manufactured & marketed by

**ADLER HEALTHCARE PVT. LTD.**

Plot # A-1, MIDC, Sadavali (Devrukh) Tal. Sangameshwar, Dist. Ratnagiri. Pin - 415804. India.

Tel: 8055136000 / 8055146000 • e-mail: [info@adler-healthcare.com](mailto:info@adler-healthcare.com) • [www.adlerhealthcare.com](http://www.adlerhealthcare.com)