



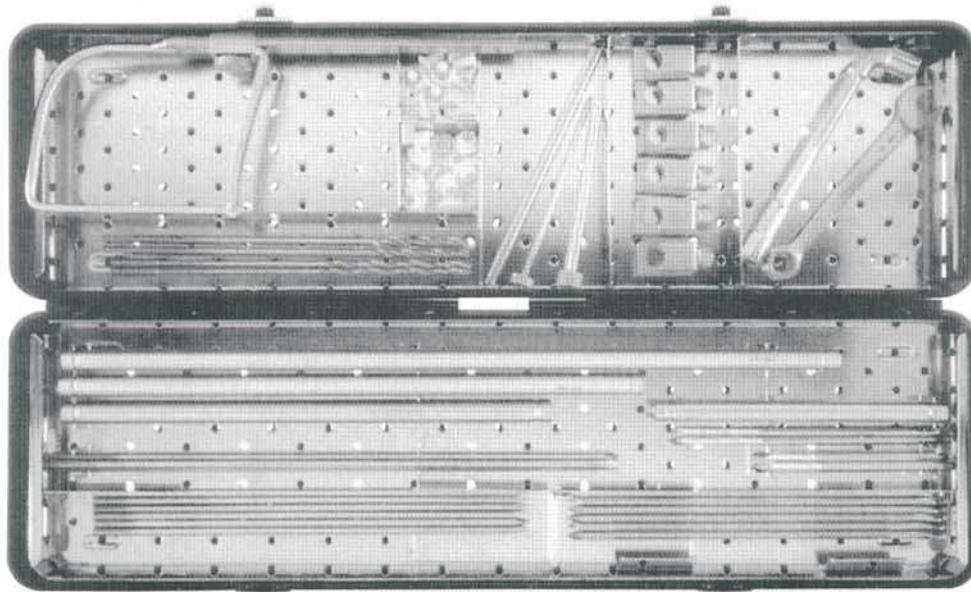
**External Fixator System**

**Fixateur externe System**

**Sistema de fijador externo**

**Fissatore esterno di sistema**

**Systeme fixateur externe**



- D-145-00 Standard Set External Fixator (Tubular system)**  
**196-045-17 Aluminium Case**  
**196-048-00 Upper Tray**  
**196-048-00 Lower Tray**

**Instruments**

100-001-35L	Drill Bit, $\varnothing$ 3.5 mm, extra long, with end to fit quick coupling	2 pieces
100-084-11	Combination wrench, width across flats 11 mm	
145-012-11	Socket wrench, width across flats 11 mm	
145-013-03	Hexagonal Allen Key	
145-008-68	Universal chuck with T-handle	2 pieces
145-172-04	Open Compressor	
145-025-50	Drill Sleeve, 5.0 mm / 3.5 mm $\varnothing$ , 100 mm length	
145-022-50	Drill Sleeve, 5.0 mm / 3.5 mm $\varnothing$ , 80 mm length	
145-032-60	Drill Sleeve, 6.0 mm / 5.0 mm $\varnothing$ , 100 mm length	
145-028-60	Drill Sleeve, 6.0 mm / 5.0 mm $\varnothing$ , 80 mm length	
145-018-35	Trocar, 3.5 mm	
145-015-35	Trocar, 3.5 mm	

**Implants**

145-350-12 To 145-350-20	Schanz Screw 5.0 mm, 125, 150, 170, 200, mm length	each. 6	24 pieces
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**Fixation Material**

145-120-11	Plug for Tubes		10 pieces
145-111-10	Tubes 100, 125 mm length		
145-111-12		each. 1	2 pieces
145-111-15 To	Tubes 150, 200, 250, 300, 250, 400 mm length		
145-111-40		each. 2	12 pieces
145-167-11	Tube to Tube Clamps		2 pieces
145-163-12	Open clamp		12 pieces



**100-001-35L** Drill Bit 3.5 mm extra long  
**100-001-45L** Drill Bit 4.5 mm extra long



**100-084-11** Combination Wrench with across flats 11 mm



**145-008-68** Simple T-Handle for steinmann pin insertion



**145-012-11** Socket Wrench with across flats 11 mm  
180 mm long. For threaded conical bolts  
and external fixator



**145-013-03** Hexagonal Allen Key



**145-015-35** Trocar with point  $\varnothing$  3.5 mm short



**145-018-35** Trocar for aiming device 3.5 long



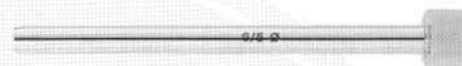
**145-022-50** Drill sleeve 5.0 / 3.5 mm 80 mm long



**145-025-50** Drill sleeve 5.0 / 3.5 mm 100 mm long



**145-028-60** Drill sleeve 6.0 / 5.0 mm 80 mm long



**145-032-60** Drill sleeve 6.0 / 5.0 mm 100 mm long



**145-035-80** Bar with hook and sliding drill  $\varnothing$  3.5 mm, 80 mm long

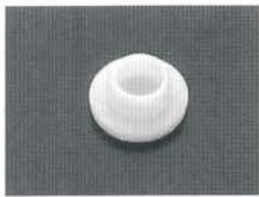


**145-038-11** Check Tube for Device Alignment

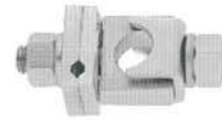


**Tubes 11 mmØ**

145-111-10	100 mm length
145-111-12	125 mm length
145-111-15	150 mm length
145-111-20	200 mm length
145-111-25	250 mm length
145-111-30	300 mm length
145-111-35	350 mm length
145-111-40	400 mm length
145-111-45	450 mm length
145-111-50	500 mm length
145-111-55	550 mm length
145-111-60	600 mm length



**145-120-11** Plug for Tubes



**145-155-65** Single Adjustable Clamp



**145-157-05** Single Open Clamp  
with one nut for tightening both tube and Steinmann Pin can also be mounted on tubes after External fixator is assembled i.e. for three-dimensional fixation



**145-160-02** Universal Joint for two tubes for connecting two tubes



**145-163-12** Single Adjustable Clamp



**145-167-11** 11 mm Tubes-to tube Clamp



**145-170-03** Universal Tube, compatible



**145-172-04** Open Compressor



**Steinmann Pins**

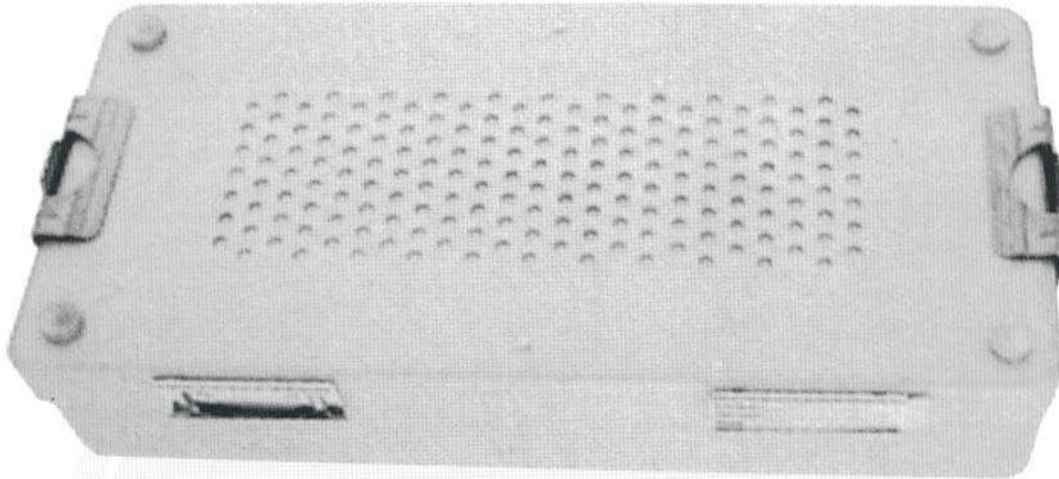


Point	Trocar	Trocar	Trocar	Trocar
Shaft end	Triangular	Triangular	Triangular	Triangular
Length	∅3.5 mm	∅4.0 mm	∅4.5 mm	∅5.0 mm
120 mm	145-235-12	145-240-12	145-245-12	145-250-12
150 mm	145-235-15	145-240-15	145-245-15	145-250-15
180 mm	145-235-18	145-240-18	145-245-18	145-250-18
200 mm	145-235-20	145-240-20	145-245-20	145-250-20
250 mm	145-235-25	145-240-25	145-245-25	145-250-25
300 mm	145-235-30	145-240-30	145-245-30	145-250-30

**Schanz Screw**



Cat. No.	∅mm	Length mm	Thread Length mm
145-330-06	3.00	60	20
145-330-08	3.00	80	20
145-340-06	4.00	60	25
145-340-08	4.00	80	25
145-340-10	4.00	100	25
145-340-13	4.00	130	25
145-340-17	4.00	170	25
145-345-10	4.50	100	50
145-345-12	4.50	120	50
145-345-15	4.50	150	50
145-345-17	4.50	170	50
145-345-20	4.50	200	50
145-345-25	4.50	250	50
145-350-10	5.00	100	50
145-350-12	5.00	125	50
145-350-15	5.00	150	50
145-350-17	5.00	170	50
145-350-20	5.00	200	50
145-350-25	5.00	250	50
145-360-10	6.00	100	50
145-360-15	6.00	150	50
145-360-17	6.00	170	50
145-360-20	6.00	200	50
145-360-25	6.00	250	50



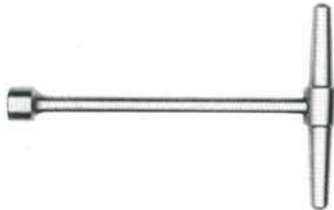
<b>D-145-03</b>	<b>Small External Fixator for Hand forearm</b>	
<b>196-024-14</b>	<b>Small Aluminium Case, perforated 300 x 140 x 70 mm</b>	
<b>196-028-00</b>	<b>Trays for small instruments (2 pieces)</b>	
<b>100-003-20</b>	Drill Bit 2.0 mm	2 pieces
<b>100-003-25</b>	Drill Bit 2.5 mm	2 pieces
<b>145-502-07</b>	Combination Wrench width across flats 7 mm	1 pieces
<b>145-507-07</b>	Socket wrench 7 mm	1 pieces
<b>145-510-48</b>	Drill Sleeve complete	1 pieces
	<b>Connecting Bars 4.0 mm</b>	
<b>145-550-06 To</b>	2 each: 60 - 160 - 180 - 200 mm	
<b>145-550-14</b>	4 each: 80 - 100 - 120 - 140 mm	24 pieces
<b>145-565-02</b>	Clamps Open	4 pieces
<b>145-568-04</b>	Clamps	12 pieces
<b>145-575-07</b>	Springloaded Nut	2 pieces
<b>145-340-08</b>	Schanz Screw 4.0 x 80 mm	4 pieces
<b>130-015-16</b>	Kirschner Wire 1.6 x 150 mm	10 pieces
<b>130-015-20</b>	Kirschner Wire 2.0 x 150 mm	10 pieces
<b>130-050-15</b>	Kirschner Wire with thread 15 mm, 2.5 x 200 mm	10 pieces



**100-003-20** Drill Bit 2.0 mm  
**100-003-25** Drill Bit 2.5 mm



**145-502-07** Combination Wrench,  
width across flats, 7 mm

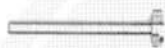


**145-507-07** Socket Wrench,  
Width across flats, 7 mm

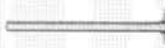


**145-510-48** Drill Sleeve complete

**145-512-50** Drill sleeve 5.0 / 4.0 mm



**145-513-40** Drill sleeve 5.0 / 4.0 mm



**145-514-27** Trokar,  $\varnothing$  2.7 mm

Connecting bars, 4.0 mm diam.  
Stainless steel

<b>145-550-06</b>	60 mm
<b>145-550-08</b>	80 mm
<b>145-550-10</b>	100 mm
<b>145-550-12</b>	120 mm
<b>145-550-14</b>	140 mm
<b>145-550-16</b>	160 mm
<b>145-550-18</b>	180 mm
<b>145-550-20</b>	200 mm



**145-565-02** Clamp Open 2.5 - 5.0 mm  $\varnothing$



**145-568-04** Clamp 2.5 - 5.0 mm  $\varnothing$



**145-572-05** Open Compressor



**145-575-07** Spring loaded Nut



**145-340-08** Schanz screws 4.0 mm x 80 mm