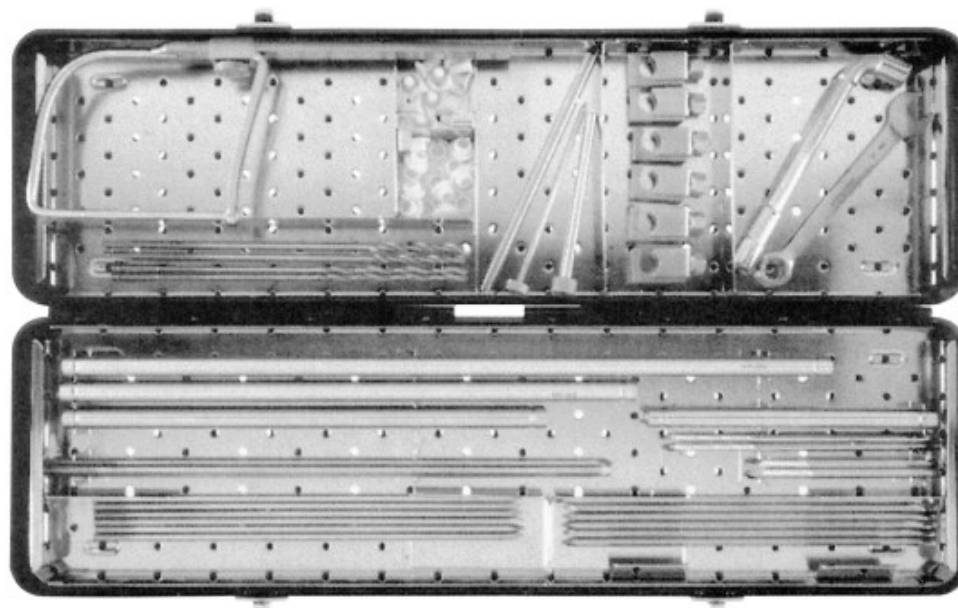


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External Fixator System

External Fixator / Instrument Set



- 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

<ul style="list-style-type: none"> 100-001-35L 100-084-11 145-012-11 145-013-03 145-008-68 145-172-04 145-025-50 145-022-50 145-032-60 145-028-60 145-018-35 145-015-35 	<ul style="list-style-type: none"> Drill Bit, \varnothing 3.5 mm, extra long, with end to fit quick coupling Combination wrench, width across flats 11 mm Socket wrench, width across flats 11 mm Hexagonal Allen Key Universal chuck with T-handle Open Compressor Drill Sleeve, 5.0 mm / 3.5 mm \varnothing, 100 mm length Drill Sleeve, 5.0 mm / 3.5 mm \varnothing, 80 mm length Drill Sleeve, 6.0 mm / 5.0 mm \varnothing, 100 mm length Drill Sleeve, 6.0 mm / 5.0 mm \varnothing, 80 mm length Trocar, 3.5 mm Trocar, 3.5 mm 	<ul style="list-style-type: none"> 2 pieces 2 pieces
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Implants

<ul style="list-style-type: none"> 145-350-12 To 145-350-20 	<ul style="list-style-type: none"> Schanz Screw 5.0 mm, 125, 150, 170, 200, mm length 	<ul style="list-style-type: none"> each. 6 24 pieces
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Fixation Material

<ul style="list-style-type: none"> 145-120-11 145-111-10 145-111-12 145-111-15 To 145-111-40 145-167-11 145-163-12 	<ul style="list-style-type: none"> Plug for Tubes Tubes 100, 125 mm length Tubes 150, 200, 250,300, 250, 400 mm length Tube to Tube Clamps Open clamp 	<ul style="list-style-type: none"> 10 pieces each. 1 2 pieces each. 2 12 pieces 2 pieces 12 pieces
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Instruments for External Fixator



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

Instruments for External Fixator



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



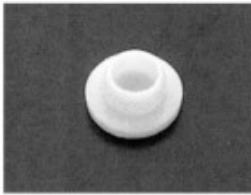
145-038-11 Check Tube for Device Alignment

External Fixator Clamps / Rods



Tubes 11 mm \varnothing

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 / Schanz Screw

Steinmann Pins



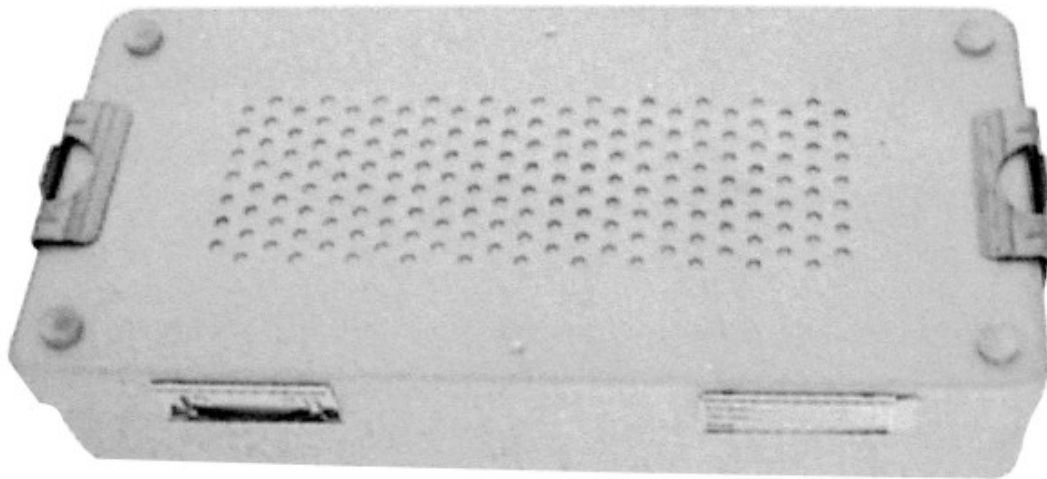
Point	Trocar	Trocar	Trocar	Trocar
Shaft end	Triangular	Triangular	Triangular	Triangular
Length	Ø3.5 mm	Ø4.0 mm	Ø4.5 mm	Ø5.0 mm
120 mm	145-235-12	145-240-12	145-245-12	145-250-12
150 mm	145-235-15	145-240-15	145-245-15	145-250-15
180 mm	145-235-18	145-240-18	145-245-18	145-250-18
200 mm	145-235-20	145-240-20	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.	Ø 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

Small External Fixator for Hand and Forearm



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

Small External Fixator Instruments



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

145-550-06	60 mm
145-550-08	80 mm
145-550-10	100 mm
145-550-12	120 mm
145-550-14	140 mm
145-550-16	160 mm
145-550-18	180 mm
145-550-20	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