



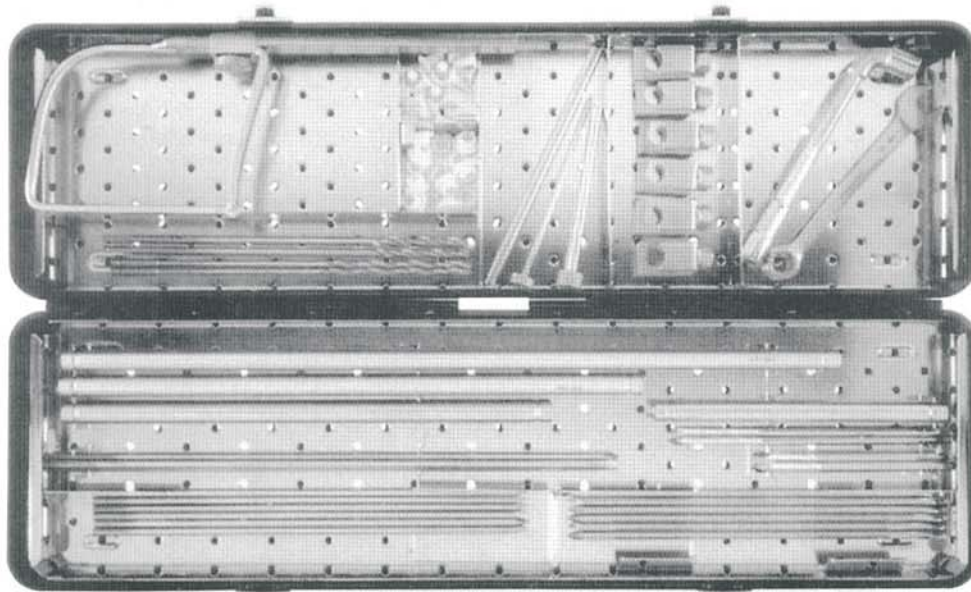
External Fixator System

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 |
|-----------------------------|--|---------|-----------|

Fixation Material

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



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



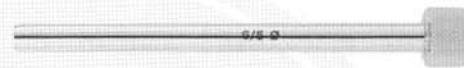
145-022-50 Drill sleeve 5.0 / 3.5 mm 80 mm long



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

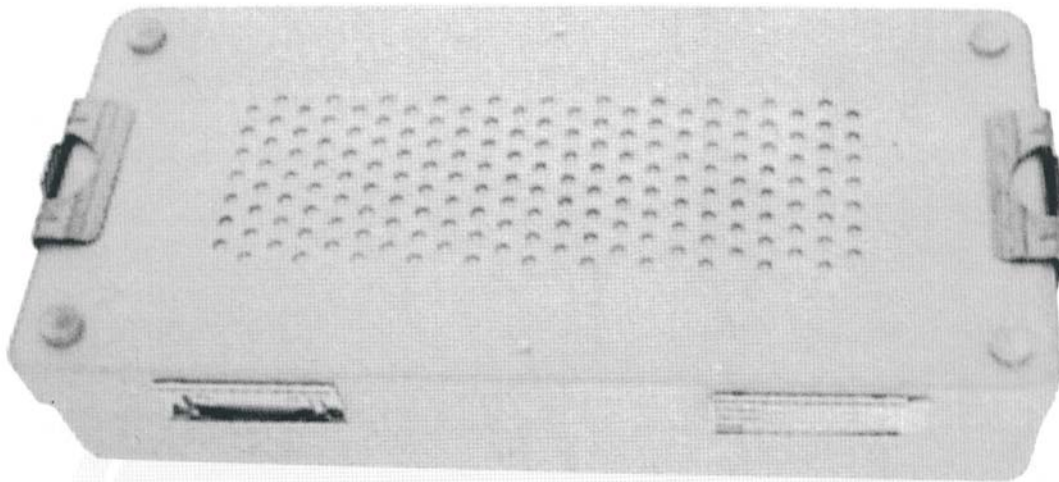


| Point | Trocar | Trocar | Trocar | Trocar |
|-----------|------------|------------|------------|------------|
| Shaft end | Triangular | Triangular | Triangular | Triangular |
| Length | ∅3.5 mm | ∅4.0 mm | ∅4.5 mm | ∅5.0 mm |
| 120 mm | 145-235-12 | 145-240-12 | 145-245-12 | 145-250-12 |
| 150 mm | 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 |



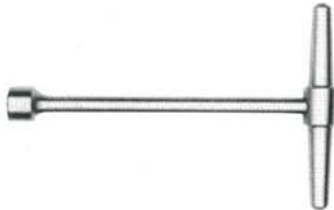
| | | |
|----------------------|---|-----------|
| D-145-03 | Small External Fixator for Hand forearm | |
| 196-024-14 | Small Aluminium Case, perforated 300 x 140 x 70 mm | |
| 196-028-00 | Trays for small instruments (2 pieces) | |
| 100-003-20 | Drill Bit 2.0 mm | 2 pieces |
| 100-003-25 | Drill Bit 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 |



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

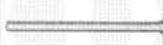


145-510-48 Drill Sleeve complete

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