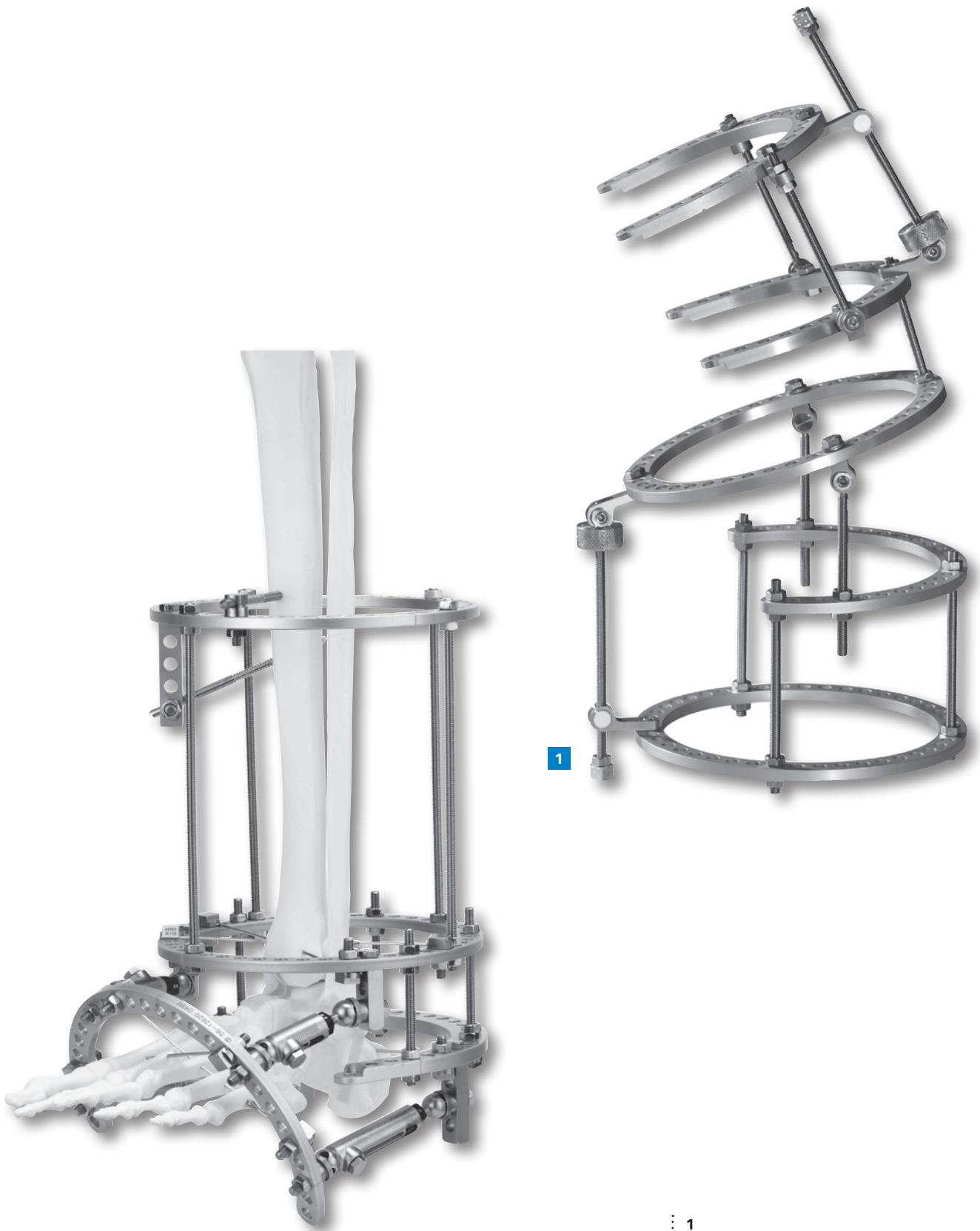


## C. TrueLok™ Ring Fixation System



### 1 TrueLok

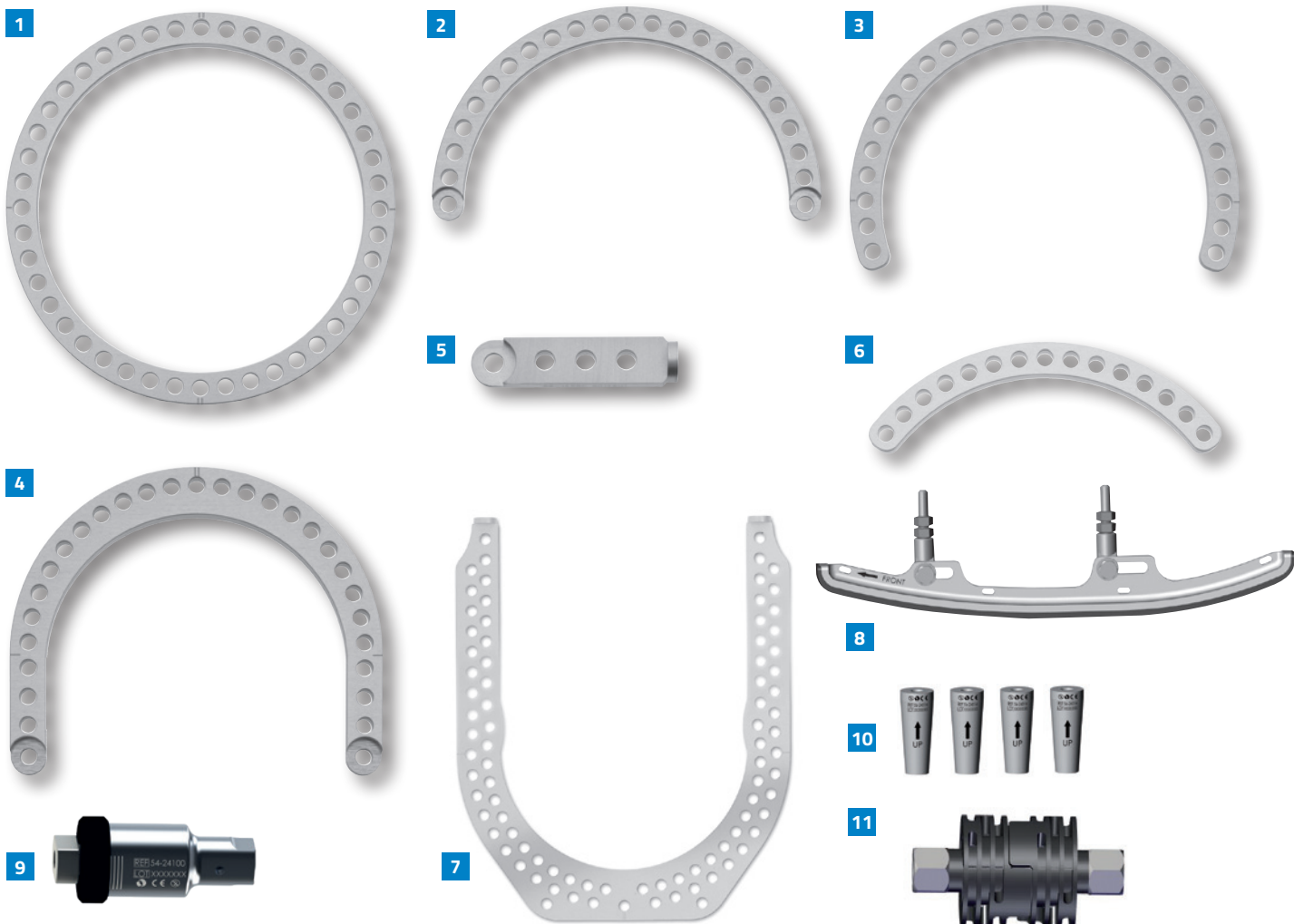
See Operative Techniques TL-1001-OPT "General Principles Limb Lengthening and Deformity With TrueLok Ring Fixation System" and TL-0922-OPT "Ankle Arthrodesis Using the TrueLok Ring" for application instructions.



Manufactured by:  
**ORTHOFIX Srl**  
Via Delle Nazioni 9, 37012 Bussolengo (Verona), Italy  
Telephone +39 045 6719000, Fax +39 045 6719380



# 1. External Supports



- 1**  
**Full Rings**  
**56-10840** TL, Ring, Full, Ø 80mm  
**56-10860** TL, Ring, Full, Ø 100mm  
**56-10890** TL, Ring, Full, Ø 120mm  
**56-10900** TL, Ring, Full, Ø 130mm  
**56-10910** TL, Ring, Full, Ø 140mm  
**56-10920** TL, Ring, Full, Ø 150mm  
**56-10930** TL, Ring, Full, Ø 160mm  
**56-10940** TL, Ring, Full, Ø 170mm  
**56-10950** TL, Ring, Full, Ø 180mm  
**56-10960** TL, Ring, Full, Ø 200mm  
**56-10970** TL, Ring, Full, Ø 220mm\*  
**56-10980** TL, Ring, Full, Ø 240mm\*

- 2**  
**Half Rings**  
**56-11570** TL, Ring, Half, Ø 80mm  
**56-11580** TL, Ring, Half, Ø 100mm  
**56-11590** TL, Ring, Half, Ø 120mm  
**56-11600** TL, Ring, Half, Ø 130mm  
**56-11610** TL, Ring, Half, Ø 140mm  
**56-11620** TL, Ring, Half, Ø 150mm  
**56-11630** TL, Ring, Half, Ø 160mm  
**56-11640** TL, Ring, Half, Ø 170mm  
**56-11650** TL, Ring, Half, Ø 180mm  
**56-11660** TL, Ring, Half, Ø 200mm  
**56-11670** TL, Ring, Half, Ø 220mm\*  
**56-11680** TL, Ring, Half, Ø 240mm\*

- 3**  
**5/8 Rings**  
**56-12580** TL, Ring, 5/8, Ø 100mm  
**56-12590** TL, Ring, 5/8, Ø 120mm  
**56-12600** TL, Ring, 5/8, Ø 130mm  
**56-12610** TL, Ring, 5/8, Ø 140mm\*  
**56-12620** TL, Ring, 5/8, Ø 150mm  
**56-12630** TL, Ring, 5/8, Ø 160mm\*  
**56-12640** TL, Ring, 5/8, Ø 170mm  
**56-12650** TL, Ring, 5/8, Ø 180mm\*  
**56-12660** TL, Ring, 5/8, Ø 200mm\*

- 4**  
**Foot Plate**  
**56-13580** TL, Foot Plate, Ø 100mm  
**56-13590** TL, Foot Plate, Ø 120mm  
**56-13600** TL, Foot Plate, Ø 130mm  
**56-13610** TL, Foot Plate, Ø 140mm\*  
**56-13620** TL, Foot Plate, Ø 150mm  
**56-13630** TL, Foot Plate, Ø 160mm\*  
**56-13640** TL, Foot Plate, Ø 170mm  
**56-13650** TL, Foot Plate, Ø 180mm\*  
**56-13660** TL, Foot Plate, Ø 200mm\*

- 5**  
**Foot Plate Extension**  
**56-14580** TL, Extension, Foot Plate, 3-Hole  
**56-14590** TL, Extension, Foot Plate, 5-Hole

- 6**  
**Arch**  
**55-10760** TL+ Arches 90mm  
**55-10800** TL+ Arches 120mm

- 7**  
**Double Row Foot Plate**  
**56-13625** Double Row Foot Plate 150mm\*  
**56-13635** Double Row Foot Plate 160mm\*  
**56-13655** Double Row Foot Plate 180mm\*  
**56-13665** Double Row Foot Plate 200mm\*

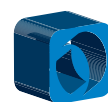
- 8**  
**56-24000**  
**TrueLok RockerRail** (2 items)\*

- 9**  
**54-24100**  
**TL Dynamization Module\***  
**99-54-24100** Sterile

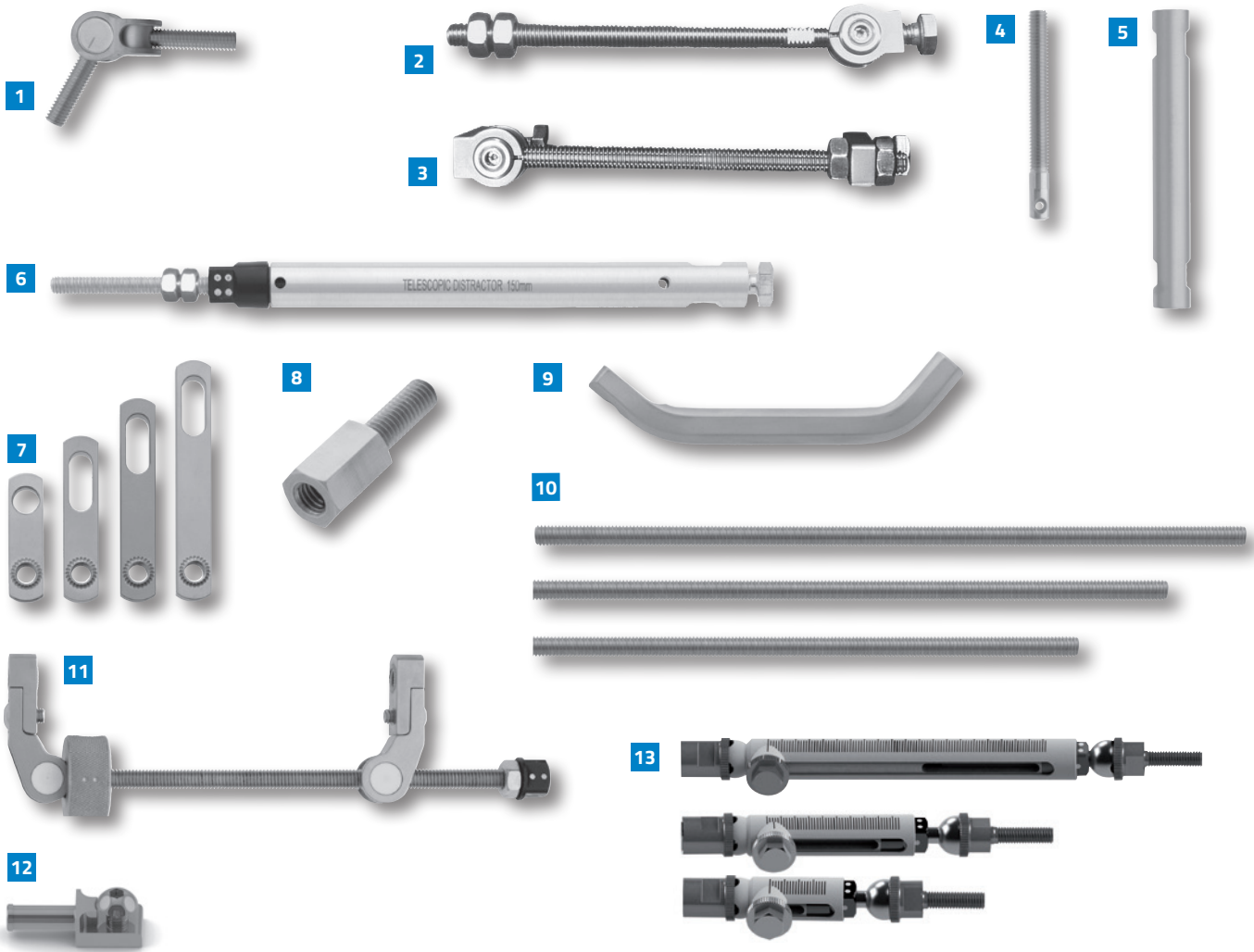
- 10**  
**56-24014**  
**TrueLok System Rocker Rail Extension Kit**  
 (4 items)\*

\* Out of the tray

- 11**  
**TL Radiolucent Dynamizer pack of 4**  
**99-50-2300M**  
 Sterile, 4 pieces per pack



## 2. Hinges, Distractors and Connections



**1**  
55-1176 Universal Hinge

**2**  
51-10430 Cannulated Inline Hinge Assembly  
Length 100mm

**3**  
51-10440 Outboard Hinge Assembly  
Length 100mm

**4**  
Threaded Hinge Rod  
51-10300 Length 60mm  
51-10550 Length 150mm

**5**  
51-10220 Hinge Telescopic Extender  
Length 100mm

**6**  
Telescopic Linear Distractor  
50-11010 Length 70mm  
50-10140 Length 100mm  
50-10150 Length 150mm  
50-10160 Length 200mm

99-50-11010 70mm Sterile\*  
99-50-10140 100mm Sterile\*  
99-50-10150 150mm Sterile\*  
99-50-10160 200mm Sterile\*

**7**  
Plates  
55-10340 Two Hole Plate 20mm  
55-11670 30mm Plate  
55-11671 40mm Plate  
55-11680 50mm Plate

**8**  
Spacer  
54-11650 Standoff, Hex, 15mm  
54-11660 Standoff, Hex, 30mm

**9**  
55-1099 Oblique Support

**10**  
Threaded Rods  
55-11720 Length 60mm  
55-10530 Length 85mm  
55-10060 Length 115mm  
55-10070 Length 165mm  
55-11730 Length 200mm  
55-11740 Length 300mm  
55-11750 Length 400mm

**11**  
Angular Distractors  
51-10460 Angular Distractor Assembly, Length 100mm  
51-10470 Angular Distractor Assembly, Length 150mm

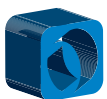
**12**  
51-10462 Bracket Assembly, Swivel Stud, Angular Distractor (Qty. 1)

**13**  
Quick Adjust Strut  
50-10170 Short  
50-10180 Medium  
50-10190 Long

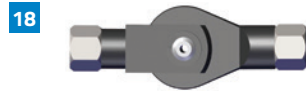
99-50-10170 Short Sterile\*  
99-50-10180 Medium Sterile\*  
99-50-10190 Long Sterile\*

**14**  
Set Screw (Not illustrated)  
51-1040 1/4"  
51-1052 3/8"

\* Out of the tray



## Hinges, Distractors and Connections



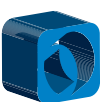
**15**  
**Sheffield Clamp**  
**80035** Adult  
**85035** Paediatric (to be used with 150 mm or smaller diameter rings)

**16**  
**81015 Hinge Clamp**  
Allows angulation of the frame for deformity correction. It can also be used as a clamp to secure a screw or wire.

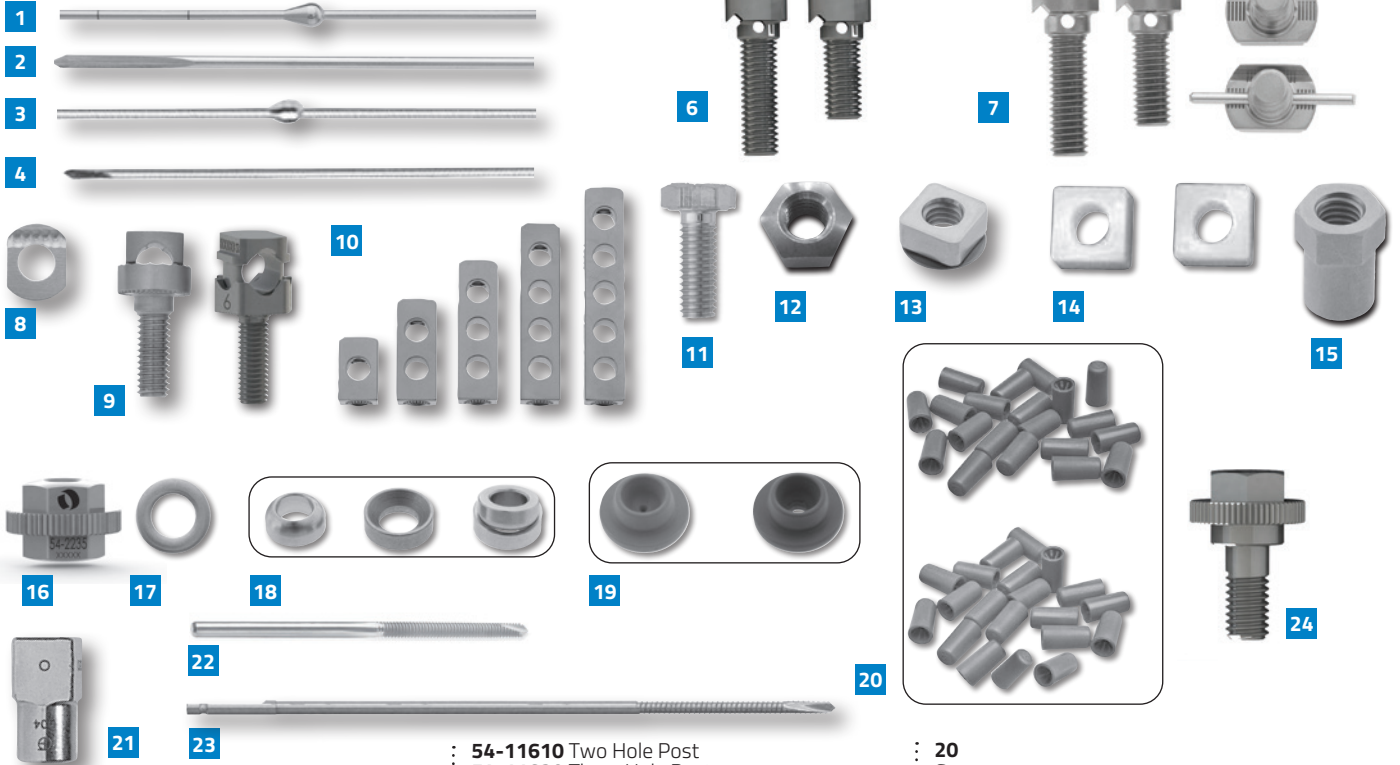
**17**  
**TL Phantom Hinge Knee pack of 2**  
**99-50-2201M**  
Sterile, 2 pieces per pack

**18**  
**TL Phantom Hinge Ankle pack of 2**  
**99-50-2202M**  
Sterile, 2 pieces per pack

**19**  
**TL Tornado Hinge pack of 2**  
**99-50-2203M**  
Sterile, 2 pieces per pack



### 3. Fixation Elements



**1**  
**Bayonet Wire with Stopper**  
 54-1215 Ø 1.8mm x 400mm

**2**  
**Bayonet Wire**  
 54-1216 Ø 1.8mm x 400mm

**3**  
**X-Wires Ø 1.8mm**  
 80131 with central olive, length 400mm

**4**  
**X-Wires Ø 1.8mm**  
 80132 without olive, length 400mm

**5**  
**X-Wire Ø 1.8mm\*\* (not illustrated)**  
 99-80131 with central olive sterile, length 400mm  
 99-80132 without central olive sterile, length 400mm

**6**  
**54-1152 Universal Wire Fixation Bolt**  
 54-1152M TL, Bolt, Wire Fixation, Universal, Qty. 4  
 54-1151 TL Short Bolt, Wire Fixation, Universal

**7 Bolt Wire Fixation Universal Low Profile**  
 54-1251 short version  
 54-1252 long version

**8**  
**54-1064 Washer Slotted**  
 54-1064M TL, Washer, Slotted, Qty. 5

**9**  
**54-11530 Universal Half Pin Fixation Bolt**  
 Accepts 4mm-6mm Half Pin  
 54-1153M TL, Bolt, Half Pin Fixation, Universal, Qty. 4  
 54-11540 TrueLok 8mm Half Pin Fixation Bolt  
 Accepts 5mm- 6mm Half Pin

**10**  
**Posts**  
 54-11600 One Hole Post

**11**  
**Bolts**  
 54-1050 Length 12mm  
 54-1050M TL, Bolt, 12mm, Qty. 20  
 54-1010 Length 16mm  
 54-1010M TL, Bolt, 16mm, Qty. 20  
 54-1018 Length 20mm

**12**  
**Nuts and washers**  
 50-1008 Nut, Stainless Steel, 10mm  
 50-1008M TL, Nut, Stainless Steel, 10mm, Qty. 20

**13**  
**Metal Distraction/Compression Nut**  
 50-13010 10mm, Square Head with Captured Washer

**14**  
**Nut**  
 50-1009 Nut, Plastic, Square Drive, 10mm  
 50-1009M TL, Nut, Plastic, Square Drive, 10mm, Qty. 8

**15**  
**Extended Nut**  
 50-13020 Length 10mm Hex Head

**16**  
**54-2235 M6 X 1 Hex, Speednut**

**17**  
**Stainless Steel Washer**  
 54-1142 2mm Thick

**18**  
**54-1150 Washer, Conical Pair**  
 54-1150M TL, Washer, Conical Pair, Qty. 4

**19**  
**Rubber Stopper**  
 54-1133 Stopper, Red Rubber, Wire  
 54-1133M Stopper, Red Rubber, Wire, Qty. 8  
 54-1136 Stopper, Gray Rubber, Half Pin  
 54-1136M Stopper, Gray Rubber, Half Pin, Qty. 4

**20**  
**Covers**  
 80200 K-Wire Covers, Qty. 20  
 10200 Bone Screw Covers, Qty. 20

**21**  
**81025 Counter Nut**  
 Used for better control of lengthening or as part of a motor for angular deformity correction.

**22**  
**XCaliber Screws (Out of the tray) non HA coated**  
 99-9115xx \*\* xxmm x 150mm  
 99-9126yy \*\* yymm x 260mm

**HA coated**  
 99-6115xx \*\* xxmm x 150mm  
 99-6126yy \*\* yymm x 260mm

**23**  
**TL+ Half Pin Quick Connect (Out of the tray)**  
 54-11230 Ø 4mm x 180mm  
 54-11240 Ø 5mm x 180mm  
 54-11250 Ø 6mm x 180mm

99-54-11230 4mm x 180mm Sterile  
 99-54-11240 5mm x 180mm Sterile  
 99-54-11250 6mm x 180mm Sterile

**24**  
**Truelok Plus Speed Bolt\***  
 54-2232 Truelok Plus Speed Bolt Thread L12mm  
 54-2233 Truelok Plus Speed Bolt Thread L16mm  
 99-54-2232 Truelok Plus Speed Bolt Thread L12mm Sterile  
 99-54-2233 Truelok Plus Speed Bolt Thread L16mm Sterile

**25**  
**K-Wire (not illustrated - Out of the tray)**  
 99-54-1650 K-Wire, 450mm, No Olive TL-HEX Sterile  
 99-54-1750 K-Wire, 550mm, Olive TL-HEX Sterile

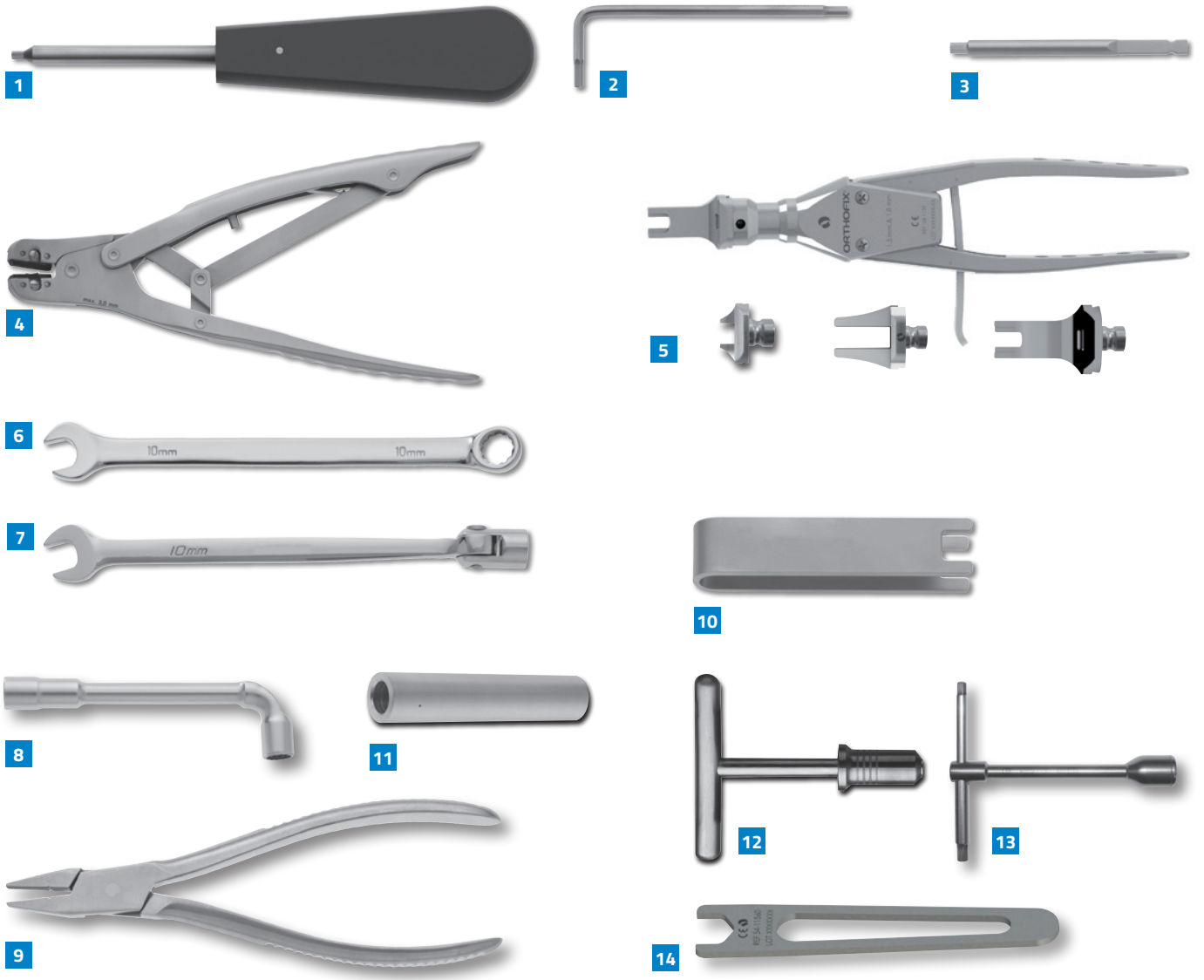
\* Out of the tray  
 \*\* for Japanese markets only



TrueLok SYSTEM

**Note:** Ask Customer Service for availability in your country  
 \*\* xx and yy refer to the thread length (range 30-90mm, step 10mm)

## 4. Instrumentation



- 1**  
**52-1018 TL - Hex Driver**  
Straight, 1/8"
- 2**  
**52-1020 TL - Hex Driver**  
90°, 1/8"
- 3**  
**52-10210 Hex Driver**  
TL+ AO 1/8" Hex Power Driver Attachment

**4**  
**W1003 Wire Cutter**

- 5**  
**54-1139 Wire Tensioner**  
**20116735 TL Short Tensioner Tip**  
**20116736 Extended Tensioner Tip Assembly**  
**20116731 TrueLok System Retaining Tensioner Tip**

**6**  
**54-1154 Wrench, Combo**  
10mm

**7**  
**54-1155 Wrench, Hinged Combo, 10mm**

**8**  
**54-2226 Tubular Wrench**  
90 Degree

**9**  
**54-2227 Needle Nose Pliers**  
Stainless Steel

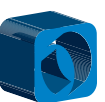
**10**  
**Double Wrench (10mm)**  
**52-1061 For Distraction Nuts**  
*(Packaged Separately, out of the tray)*

**11**  
**54-1134 Applicator Rubber Stopper**

**12**  
**54-2229 T-Handle**

**13**  
**91150 Universal T-Wrench**

**14**  
**54-11560 8mm Bolt Wrench**  
*(Out of the tray)*



## 5. (TL+) Foot & Ankle Kit



**1**  
TL Plus Bayonet Wire with olive  
54-1217 Ø 1.5mm x 300mm

**2**  
TL Plus Bayonet Wire without olive  
54-1218 Ø 1.5mm x 300mm

**3**  
TL Plus Tension Limiter  
54-1141

**4**  
TL Plus Washer  
54-1143 4mm Thick

**5**  
TL Plus Hinge Female High Profile  
56-24050

**6**  
TL Plus Hinge Female Low Profile  
56-24051

**7**  
TL Plus 90° Hinge High Profile  
56-24060

**8**  
TL Plus 90° Hinge Low Profile  
56-24061

**9**  
TL Plus Hinge Male High Profile  
56-24070

**10**  
TL Plus Hinge Male Low Profile  
56-24071

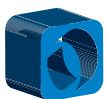
**11**  
TL Plus non Lockable Universal Joint  
51-10420

**12**  
TL Plus Threaded Hinge Rod  
51-10290 Length 30mm

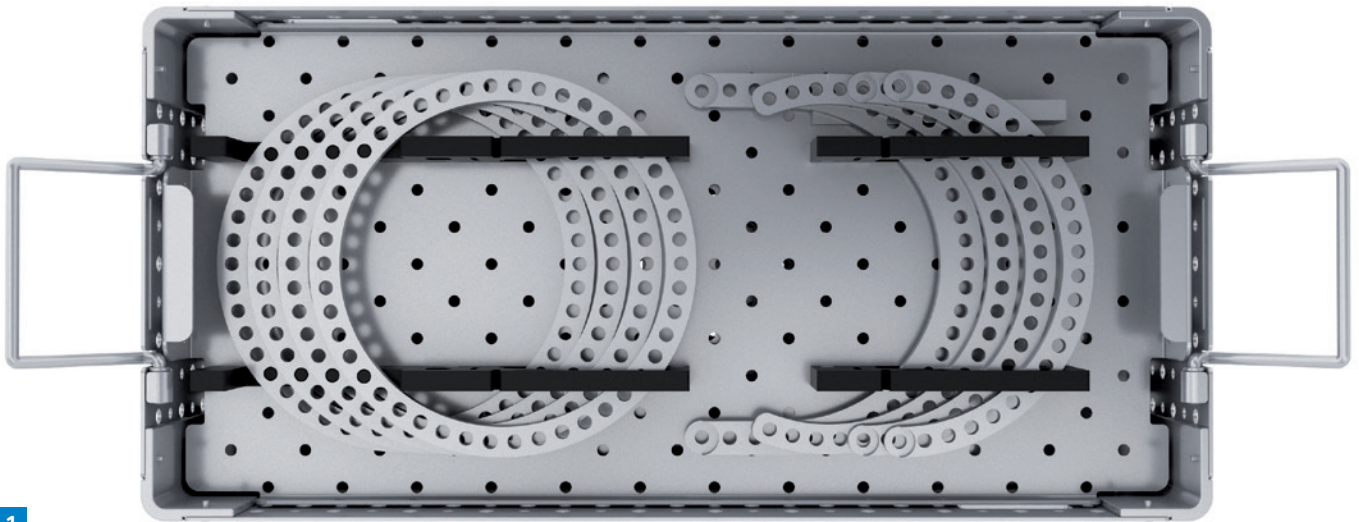
**13**  
TL Plus Nylon Insert Nut  
50-1010

**14**  
TL Plus Twisted Plate  
54-11670 2 Holes  
54-11680 3 Holes  
54-11690 4 Holes

**15**  
TL Plus 90° Plate  
81641 1 Hole  
81642 2 Holes  
81643 3 Holes



## 6. TrueLok Components Ring Tray, TrueLok



1

### 1 Ring Tray, TrueLok, Empty - 450500

A combination of any three layers can be combined to form a full rings tray.

#### 450500-01 - LAYER 80-100, empty

Can accommodate:

4x56-10840 TL Plus Full Ring 80mm  
2x56-11570 TL Plus Half Ring 80mm  
1x56-12580 TL Plus Five Eighths Ring 100mm  
4x56-10860 TL Plus Full Ring 100mm  
2x56-11580 TL Plus Half Ring 100mm  
1x56-13580 TL+ Footplate 100mm

#### 450500-02 - LAYER 120 empty

Can accommodate:

4x56-10890 TL Plus Full Ring 120mm  
2x56-11590 TL Plus Half Ring 120mm  
1x56-12590 TL Plus Five Eighths Ring 120mm  
1x56-13590 TL Plus Footplate 120mm

#### 450500-03 - LAYER 130 empty

Can accommodate:

4x56-10900 TL Plus Full Ring 130mm  
2x56-11600 TL Plus Half Ring 130mm  
1x56-12600 TL Plus Five Eighths Ring 130mm  
1x56-13600 TL+ Footplate 130mm

#### 450500-04 - LAYER 140 empty

Can accommodate:

4x56-10910 TL Plus Full Ring, 140mm  
2x56-11610 TL Plus Half Ring 140mm  
1x56-12610 TL Plus Five Eighths Ring 140mm  
1x56-13610 TL+ Footplate 140mm

#### 450500-05 - LAYER 150 empty

Can accommodate:

1x56-12620 TL Plus Five Eighths Ring 150mm  
1x56-13620 TL Plus Footplate 150mm  
4x56-10920 TL Plus Full Ring, 150mm  
2x56-11620 TL Plus Half Ring 150mm

#### 450500-06 - LAYER 160 empty

Can accommodate:

4x56-10930 TL Plus Full Ring 160mm  
2x56-11630 TL Plus Half Ring 160mm  
1x56-12630 TL Plus Five Eighths Ring 160mm  
1x56-13630 TL+ Footplate 160mm

#### 450500-07 - LAYER 170 empty

Can accommodate:

4x56-10940 TL Plus Full Ring, 170mm  
2x56-11640 TL Plus Half Ring 170mm  
1x56-12640 TL Plus Five Eighths Ring 170mm  
1x56-13640 TL+ Footplate 170mm

#### 450500-08 - LAYER 180 empty

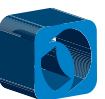
Can accommodate:

4x56-10950 TL Plus Full Ring 180mm  
2x56-11650 TL Plus Half Ring 180mm  
1x56-12650 TL Plus Five Eighths Ring 180mm  
1x56-13650 TL+ Footplate 180mm

#### 450500-09 - LAYER 200 empty

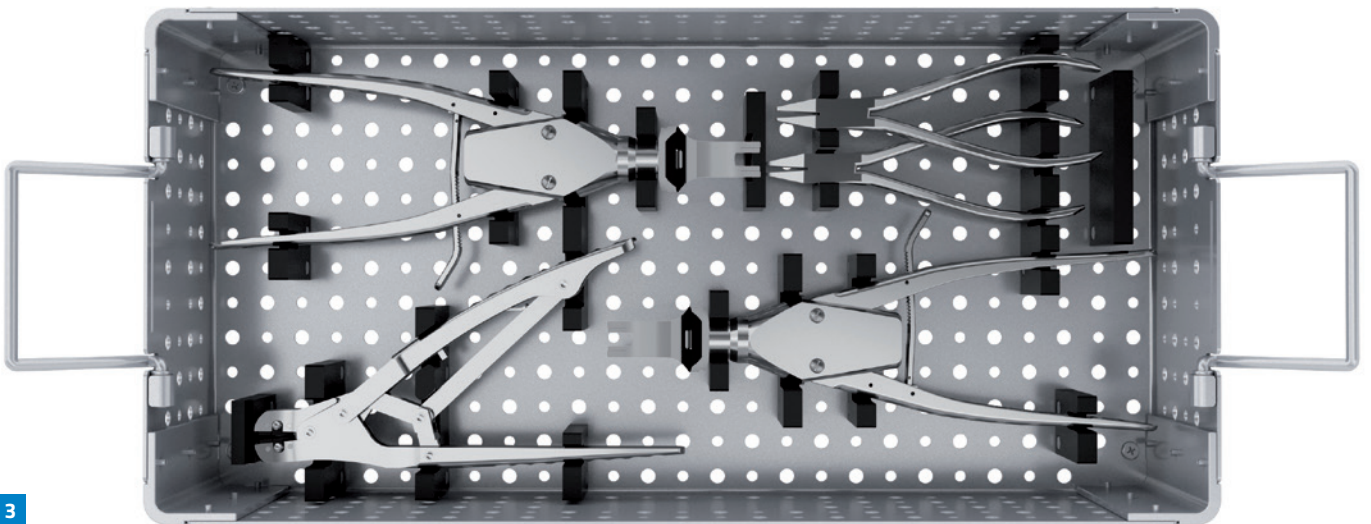
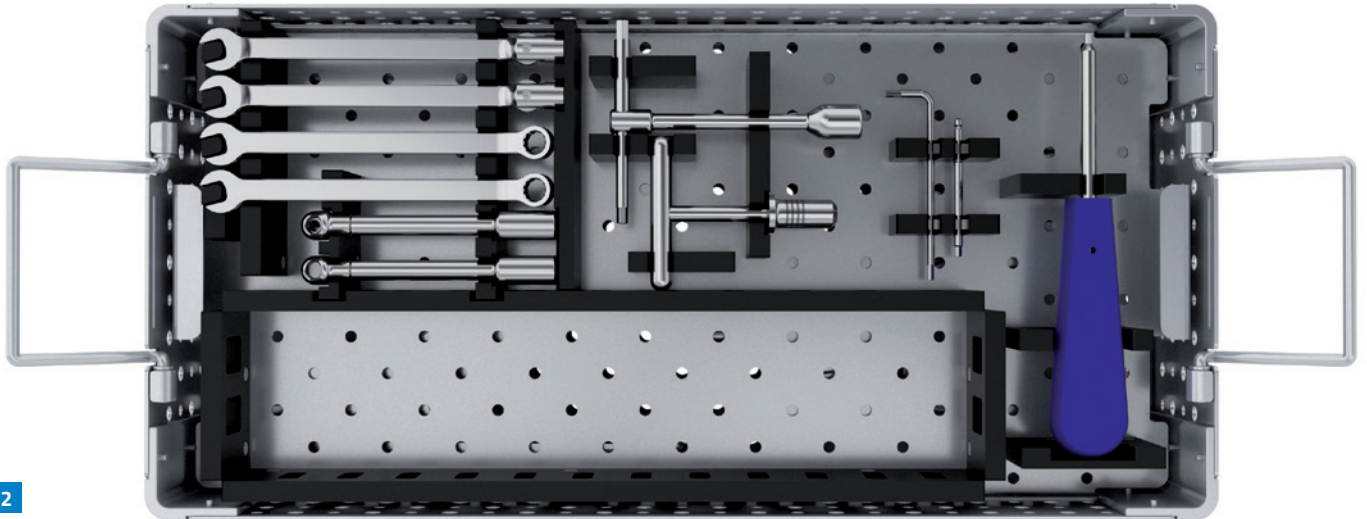
Can accommodate:

4x56-10960 TL Plus Full Ring, 200mm  
2x56-11660 TL Plus Half Ring 200mm  
1x56-12660 TL Plus Five Eighths Ring 200mm  
1x56-13660 TL+ Footplate 200mm





## Instrument Tray, TrueLok



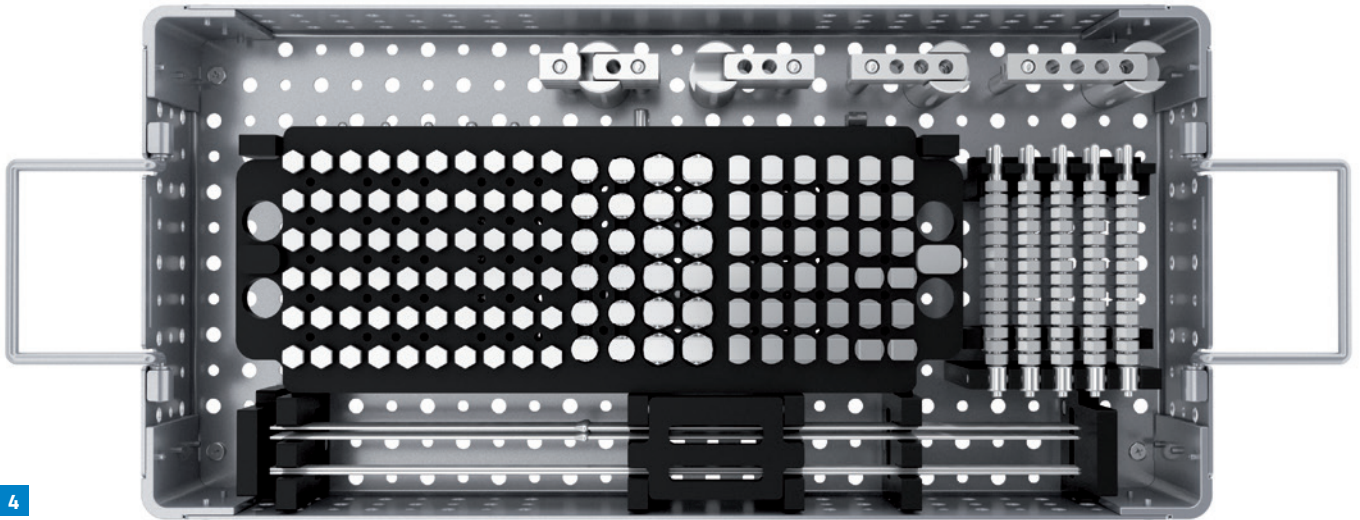
### 2-3 Instrument Tray, TrueLok, empty 450501

Can accommodate:

- 1xW1003 Wire Cutter
- 2x54-1139 TL Plus Wire Tensioner with Tip
- 2x54-2227 Needle Nose Pliers, Stainless Steel
- 1x52-1018 TL, 1/8' Hex Driver
- 1x52-1020 TL, Hex Driver, 90-Degree, 1/8"
- 2x54-1154 TL,Wrench, Combo, 10mm
- 2x54-1155 TL,Wrench, Hinged Combo, 10mm
- 2x54-2226 TL, 90 Degree Tubular Wrench
- 1x91150 Universal T-Wrench
- 1x52-10210 TL+ AO 1/8' Hex Power Driver Attachment
- 1x54-2229 T-Wrench With AO Connection



## Fixation Elements Tray, TrueLok



4

4

### Fixation Elements Tray, TrueLok, empty 450503

Can accommodate:

120x50-1008 TL, Nut, Stainless Steel,  
10mm

16x50-13010 TL+ Metal Distraction /  
Compression Nut

10x50-13020 TL+ Extended Nut M6 X 1

24x54-1010 TL, Bolt, 16mm

12x54-1018 TL, Bolt, 20mm

24x54-10.50 TL, Bolt, 12mm

8x54-1064 TL Washer, Slotted

27x54-1133 Stopper, Red Rubber, Wire

9x54-1136 Stopper, Gray Rubber, Half Pin

12x54-11530 TL+ Universal Half Pin  
Fixation

Bolt 4mm - 6mm

4x54-11600 TL+ One Hole Post

4x54-11610 TL+ Two Hole Post

4x54-11620 TL+ Three Hole Post

2x54-11630 TL+ Four Hole Post

2x54-11640 TL+ Five Hole Post

12x54-1215 TL, Wire, W/Stopper,

1.8mm x 400mm

12x54-1216 TL, Wire, Bayonet,

1.8mm x 400mm

2x54-1134 TL, Applicator Rubber Stopper

12x54-1142 Stainless Steel Washer,

2mm Thick

16x54-1150 TL, Washer, Conical Pair

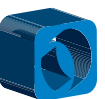
24x54-1152 TL, Bolt, Wire Fixation, Universal

12x54-1151 TL, Short Bolt, Wire Fixation,

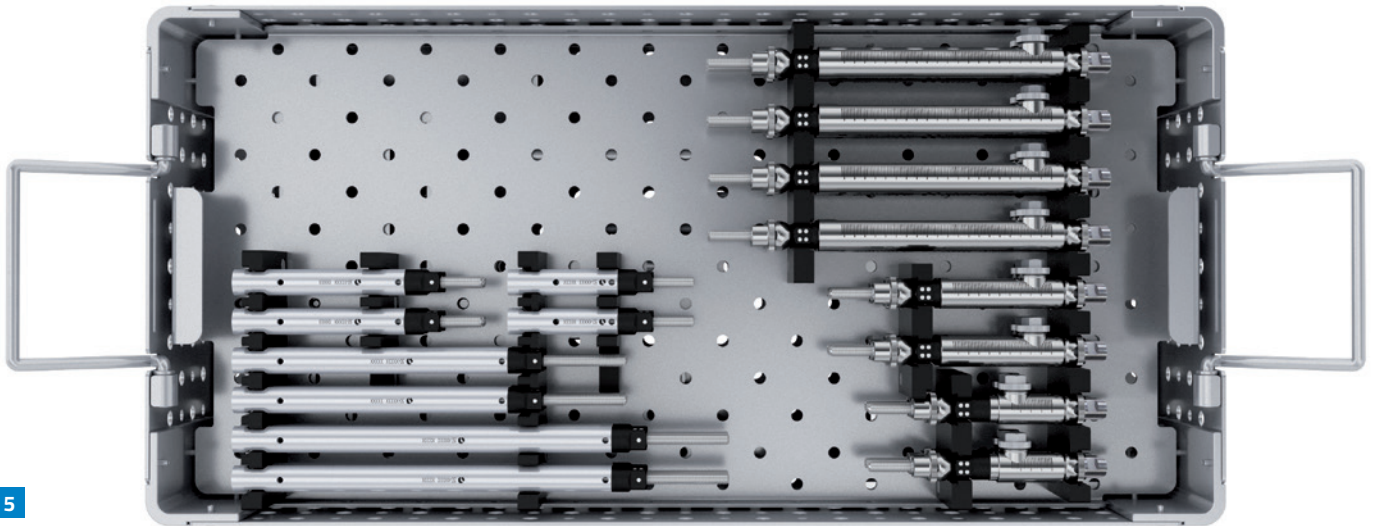
Universal

16x54-2235 M6 X 1 Hex, Speednut,  
Truelok System

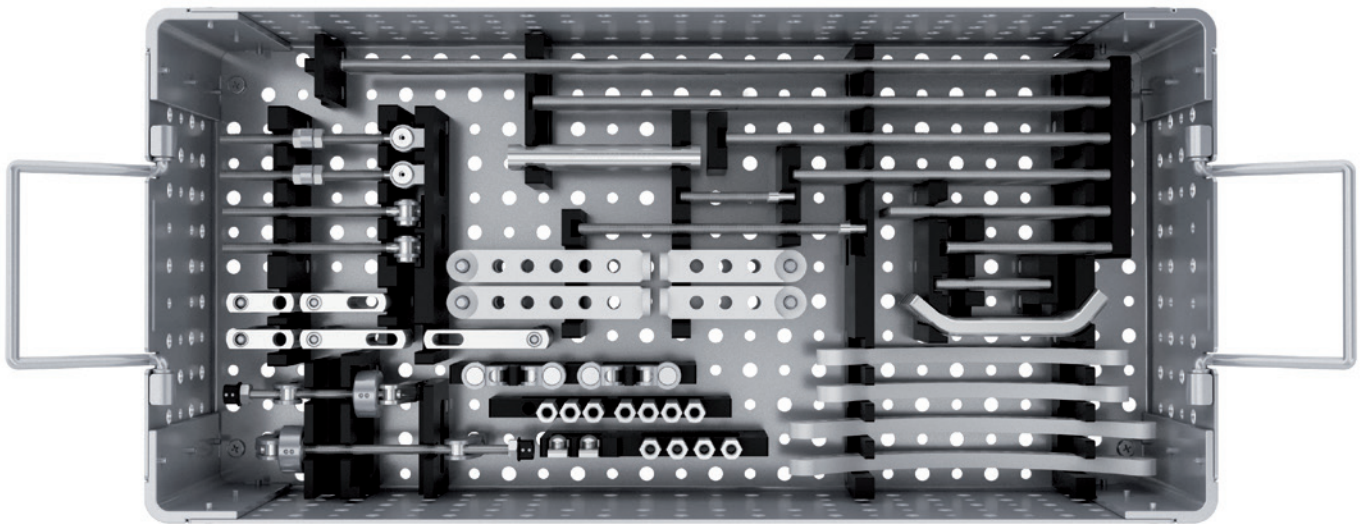
12x54-11540 TL 8mm Half Pin Bolt



# Hinges and Distractors Tray, TrueLok



5



6

## 5-6 Hinges and Distractors Tray, TrueLok, empty 450504

Can accommodate:

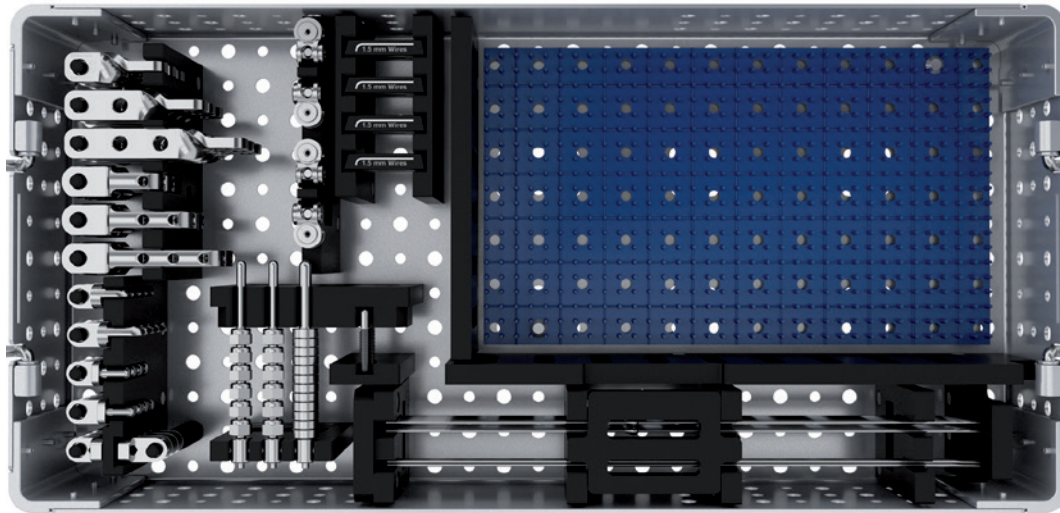
- 4x51-10300 TL+ Threaded Hinge Rod, 60mm
- 2x51-10430 TL+ Cannulated Inline Hinge Assembly
- 2x51-10440 TL+ Outboard Hinge Assembly
- 1x51-10460 TL+ Angular Distractor Assembly, 100mm
- 1x51-10470 TL+ Angular Distractor Assembly, 150mm
- 4x51-10550 TL+ Threaded Hinge Rod 150mm
- 8x55-10060 115mm Threaded Rod
- 8x55-10070 165mm Threaded Rod
- 8x55-10340 TL Plus 20mm Plate
- 8x55-10530 85mm Threaded Rod
- 4x55-10.99 TL, Oblique Support
- 4x55-11670 TL+ 30mm Plate
- 4x55-11671 TL+ 40mm Plate
- 4x55-11680 TL+ 50mm Plate
- 8x55-11720 60mm Threaded Rod
- 4x54-11650 TL+ Hex Standoff

- 8x54-11660 TL Plus Hex Standoff 30mm
- 4x55-1176 TL, Hinge, Universal
- 4x55-11730 TL+ Threaded Hex End Rod 200mm
- 4x55-11740 TL+ Threaded Hex End Rod 300mm
- 4x55-11750 TL+ Threaded Hex End Rod 400mm
- 2x51-10220 TL+, 100mm Telescopic Hinge Extender
- 4x56-14580 TL+ Foot Plate Extension 3 Hole
- 4x56-14590 TL+ Foot Plate Extension 5 Hole
- 2x55-10760 TL Plus 90mm Arch
- 2x55-10800 TL Plus 120mm Arch
- 2x51-10462 Bracket Assembly, Swivel Stud, Angular Distractor, Truelok
- 4x50-10140 TL+ Telescopic Linear Distractor 100mm
- 4x50-10150 TL+ Telescopic Linear Distractor 150mm
- 4x50-10160 TL+ Telescopic Linear Distractor 200mm

- 4x50-11010 TL+ Telescopic Linear Distractor 70mm
- 4x50-10170 TrueLok Plus Short Quick Adjust Strut
- 4x50-10180 TrueLok Plus Medium Quick Adjust Strut
- 8x50-10190 TrueLok Plus Long Quick Adjust Strut



## (TL+) Foot & Ankle Kit



7

### 7 (TL+) Foot & Ankle Kit - 450502

Can accommodate:

12x54-1217	TL Plus Bayonet Wire with olive L300mm Ø1.5mm
12x54-1218	TL Plus Bayonet Wire without olive L300mm Ø1.5mm
54-1213	TL Plus X-Wire with olive L300mm Ø1.5mm on demand
54-1214	TL Plus X-Wire without olive L300mm Ø1.5mm on demand
4x54-1141	TL Plus Tension Limiter
12x54-1143	TL Plus Washer 4mm Thick
54-1143M	TL Plus Washer 4mm Thick pack of 10
12x56-24050	TL Plus Hinge Female High Profile
4x56-24051	TL Plus Hinge Female Low Profile
4x56-24060	TL Plus 90° Hinge High Profile
4x56-24061	TL Plus 90° Hinge Low Profile
4x56-24070	TL Plus Hinge Male High Profile
4x56-24071	TL Plus Hinge Male Low Profile
4x51-10420	TL Plus non Lockable Universal Joint

4x51-10290	TL Plus Threaded Hinge Rod L30mm
12x50-1010	TL Plus Nylon Insert Nut
50-1010M	TL Plus Nylon Insert Nut pack of 10
3x54-11670	TL Plus Twisted Plate 2 Holes
3x54-11680	TL Plus Twisted Plate 3 Holes
3x54-11690	TL Plus Twisted Plate 4 Holes
2x81641	TL Plus 90° Plate 1 Hole
2x81642	TL Plus 90° Plate 2 Holes
2x81643	TL Plus 90° Plate 3 Holes
450502	TL Plus Foot&Ankle Kit Tray Empty
450502-01	TL Plus Foot&Ankle Kit Lid
450502-02	TL Plus Foot&Ankle Kit Base

#### Material out of the tray (Sterile)

99-54-1650	K-Wire, 450mm, No Olive TL-HEX Sterile
99-54-1750	K-Wire, 550mm, Olive TL-HEX Sterile



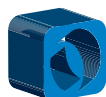
## (TL+) Foot & Ankle Kit - Sterile packaging

### Components available also in sterile packaging

Code	Description
99-50-10100	ULTRA SHORT STRUT TL-HEX - 45MM-101MM STERILE
99-50-10200	SHORT STRUT TL-HEX - 92MM-122MM STERILE
99-50-10300	MEDIUM STRUT TL-HEX - 114MM-184MM STERILE
99-50-10400	LONG STRUT TL-HEX - 158MM-318MM STERILE
99-50-10170	TRUE LOK PLUS SHORT QUICK ADJUST STRUT STERILE
99-50-10180	TRUE LOK PLUS MEDIUM QUICK ADJUST STRUT STERILE
99-50-10190	TRUE LOK PLUS LONG QUICK ADJUST STRUT STERILE
99-56-20000	FULL RING, 140MM, TL-HEX STERILE
99-56-20020	FULL RING, 160MM, TL-HEX STERILE
99-56-20040	FULL RING, 180MM, TL-HEX STERILE
99-56-20060	FULL RING, 200MM, TL-HEX STERILE
99-56-20200	FULL RING, 120MM, TL-HEX STERILE
99-56-20320	FULL RING, 100MM, TL-HEX STERILE
99-56-21200	MODULAR 5/8 RING, 120MM, TL-HEX STERILE
99-56-21320	MODULAR 5/8 RING, 100MM, TL-HEX STERILE
99-56-21400	MODULAR 5/8 RING, 140MM, TL-HEX STERILE
99-56-21420	MODULAR 5/8 RING, 160MM, TL-HEX STERILE
99-56-21440	MODULAR 5/8 RING, 180MM, TL-HEX STERILE
99-56-21460	MODULAR 5/8 RING, 200MM, TL-HEX STERILE
99-56-23000	3/8 RING, 100MM, TL-HEX STERILE
99-56-23020	3/8 RING, 120MM, TL-HEX STERILE
99-56-23040	3/8 RING, 140MM, TL-HEX STERILE
99-56-23060	3/8 RING, 160MM, TL-HEX STERILE
99-56-23080	3/8 RING, 180MM, TL-HEX STERILE
99-56-23100	3/8 RING, 200MM, TL-HEX STERILE
99-56-24040	TL HEX EMERGENCY TAB KIT STERILE
99-54-11230	TL+ HALF PIN QUICK CONNECT 4MM X 180MM STERILE
99-54-11240	TL+ HALF PIN QUICK CONNECT 5MM X 180MM STERILE
99-54-11250	TL+ HALF PIN QUICK CONNECT 6MM X 180MM STERILE
99-50-10215	STRUT NUMBER CLIP KIT, TL-HEX (6 PCS) STERILE
99-50-10214	STRUT DIRECTION CLIP KIT, TL-HEX (6 PCS) STERILE
99-50-10140	TL+ TELESCOPIC LINEAR DISTRACTOR 100MM STERILE
99-50-10150	TL+ TELESCOPIC LINEAR DISTRACTOR 150MM STERILE
99-50-10160	TL+ TELESCOPIC LINEAR DISTRACTOR 200MM STERILE
99-50-11010	TL+ TELESCOPIC LINEAR DISTRACTOR 70MM STERILE
99-54-1215	TL, Wire, W/Stopper, 1.8mm x 400mm Sterile
99-54-1216	TL, Wire, Bayonet, 1.8mm x 400mm Sterile
99-50-2310M	TRUELOK SPHERICAL JOINT PACK OF 4 STERILE
99-54-1217	TL PLUS BAYONET WIRE WITH OLIVE L300MM D1.5MM STERILE
99-54-1218	TL PLUS BAYONET WIRE WITHOUT OLIVE L300MM D1.5MM STERILE
99-54-24100	TL DYNAMIZATION MODULE STERILE
99-56-10840	TL PLUS FULL RING 80MM STERILE
99-56-10860	TL PLUS FULL RING 100MM STERILE
99-56-10890	TL PLUS FULL RING, 120MM STERILE
99-56-10910	TL PLUS FULL RING, 140MM STERILE
99-56-10930	TL PLUS FULL RING, 160MM STERILE
99-56-10950	TL PLUS FULL RING, 180MM STERILE
99-56-10960	TL PLUS FULL RING, 200MM STERILE
99-56-10970	TL PLUS FULL RING, 220MM STERILE
99-56-10980	TL PLUS FULL RING, 240MM STERILE
99-56-11570	TL PLUS HALF RING 80MM STERILE
99-56-11580	TL PLUS HALF RING 100MM STERILE
99-56-11590	TL PLUS HALF RING 120MM STERILE
99-56-11610	TL PLUS HALF RING 140MM STERILE
99-56-11630	TL PLUS HALF RING 160MM STERILE
99-56-11650	TL PLUS HALF RING 180MM STERILE

### Components available also in sterile packaging

Code	Description
99-56-11660	TL PLUS HALF RING 200MM STERILE
99-56-11670	TL PLUS HALF RING 220MM STERILE
99-56-11680	TL PLUS HALF RING 240MM STERILE
99-56-12580	TL PLUS FIVE EIGHTHS RING 100MM STERILE
99-56-12590	TL PLUS FIVE EIGHTHS RING 120MM STERILE
99-56-12610	TL PLUS FIVE EIGHTHS RING 140MM STERILE
99-56-12620	TL PLUS FIVE EIGHTHS RING 150MM STERILE
99-56-12630	TL PLUS FIVE EIGHTHS RING 160MM STERILE
99-56-12650	TL PLUS FIVE EIGHTHS RING 180MM STERILE
99-56-12660	TL PLUS FIVE EIGHTHS RING 200MM STERILE
99-56-13580	TL+ FOOTPLATE 100MM STERILE
99-56-13590	TL PLUS FOOTPLATE 120MM STERILE
99-56-13610	TL+ FOOTPLATE 140MM STERILE
99-56-13625	150 MM DOUBLE ROW FOOT PLATE STERILE
99-56-13630	TL+ FOOTPLATE 160MM STERILE
99-56-13635	160 MM DOUBLE ROW FOOT PLATE STERILE
99-56-13650	TL+ FOOTPLATE 180MM STERILE
99-56-13655	180 MM DOUBLE ROW FOOT PLATE STERILE
99-56-13660	TL+ FOOTPLATE 200MM STERILE
99-56-13665	200 MM DOUBLE ROW FOOT PLATE STERILE
99-56-24200M	TRUELOK FOOT LEG ALIGNMENT SUPPORT PACK OF 3 STERILE



## 7. TrueLok Sizing Templates



### 1 PPTL RING 80-140

TrueLok Sizing Template Ø 80mm  
TrueLok Sizing Template Ø 100mm  
TrueLok Sizing Template Ø 120mm  
TrueLok Sizing Template Ø 130mm  
TrueLok Sizing Template Ø 140mm

### 2 PPTL RING 150-180

TrueLok Sizing Template Ø 150mm  
TrueLok Sizing Template Ø 160mm  
TrueLok Sizing Template Ø 170mm  
TrueLok Sizing Template Ø 180mm

### 3 PPTL RING 200-240

TrueLok Sizing Template Ø 200mm  
TrueLok Sizing Template Ø 220mm  
TrueLok Sizing Template Ø 240mm

