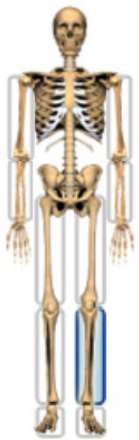


Total residual worksheet

www.spatialframe.com

1. Case Info

- First, Enter Case Info:
- Next, Select Correction Area:



Please circle the bone region on the skeleton image where the fracture or deformity appears on the patient. Please indicate Left or Right.

2. Deformity

Proximal Distal

AP View
Angulation: (degrees)
 Valgus Varus
Translation: (mm)
 Medial Lateral

Lateral View
Angulation: (degrees)
 Apex Posterior Apex Anterior
Translation: (mm)
 Posterior Anterior

Axial View
Angulation: (degrees)
 Internal External
Translation: (mm)
 Short Long

Apply Axial Translation First

3. Frame

- Next, Select Struts:

	Standard Struts				Fast FX Struts				
	XXS	XS	Short	Medium	Long	XS	Short	Medium	Long
	59-76 mm	75-96 mm	90-125 mm	116-178 mm	169-283 mm	91-121 mm	116-152 mm	143-205 mm	195-311 mm
	7107-0200	7107-0205	7107-0210	7107-0220	7107-0230	7107-0705	7107-0710	7107-0720	7107-0730
	Select All	Select All	Select All	Select All	Select All	Select All	Select All	Select All	Select All
Strut 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strut 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strut 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strut 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strut 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strut 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ring

Ring Type Ring Size Ring Orientation

Proximal Ring:

Distal Ring:

4. Mount

AP View
Frame Offset: (mm)
 Medial to Origin Lateral to Origin

Lateral View
Frame Offset: (mm)
 Anterior to Origin Posterior to Origin

Axial View
Frame Offset: (mm) **Rotary Frame Angle:** (degrees)
 Proximal to Origin Internally Rotated
 Distal to Origin Externally Rotated

5. Strut Settings

- First, Enter Initial Strut Settings:

	Strut 1	Strut 2	Strut 3	Strut 4	Strut 5	Strut 6
Initial Strut Lengths:	<input type="text"/> (mm)	<input type="text"/> (mm)	<input type="text"/> (mm)	<input type="text"/> (mm)	<input type="text"/> (mm)	<input type="text"/> (mm)

See reverse for Custom Strut Mount help

6. Define SAR and distraction rate

AP View
Offset: (mm)
 Lateral To Origin Medial To Origin

Lateral View
Offset: (mm)
 Posterior To Origin Anterior To Origin

Axial View
Offset: (mm)
 Proximal To Origin Distal To Origin

Calculate Minimum Correction Time

Enter Maximum Safe Distraction Rate: mm/day

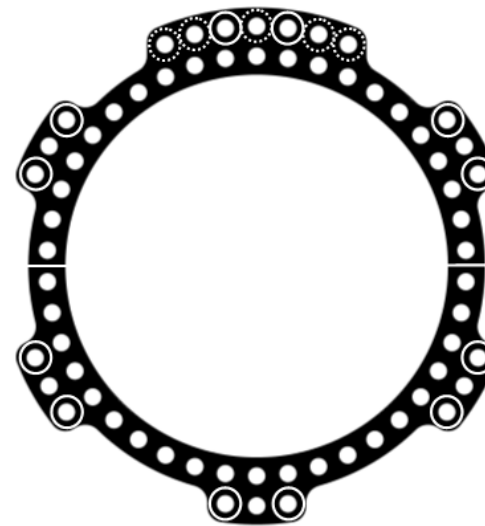
The Calculated Minimum Correction Time is: Days.

Custom Strut Mount



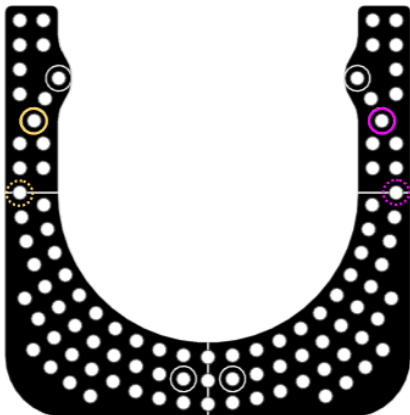
2/3 Ring

- Struts on the 7 Hole Tab can be mounted anywhere on the Outer and Inner Ring
- ***Rule of thumb — move 2 holes in any direction***
- Solid circles are default positions for Strut Mount
- Dashed lines are options for Custom Strut Mount.
- The software will ask the user to define the Struts on the 7 Hole Tab



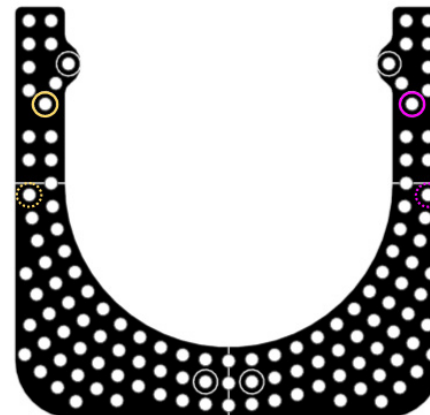
Full Ring

- Struts on the 7 Hole Tab can be mounted anywhere on the Outer Ring
- ***Rule of thumb — move 2 holes in any direction***
- Solid circles are default positions for Strut Mount
- Dashed lines are options for Custom Strut Mount
- The software will ask the user to define the Struts on the 7 Hole Tab



Foot Ring 155mm

- Struts 1 and 2 on Foot Rings cannot be moved
- Struts 3 and 6 can be moved for Custom Strut Mount
- ***Rule of thumb — move 3 holes back***
- Solid circles are default positions for Strut Mount
- Dashed lines are options for Custom Strut Mount



Full Ring 180mm

- Struts 1 and 2 on Foot Rings cannot be moved
- Struts 3 and 6 can be moved for Custom Strut Mount
- ***Rule of thumb — move 3 holes back***
- Solid circles are default positions for Strut Mount
- Dashed lines are options for Custom Strut Mount