

**Flange Spreader**  
**SWi5TE-S 8.7 Ton**  
Technical documentation



**Model :** SWi5TE-S  
**Series :** SWi  
**Product Lines :** Bolting Tools

Patriot International innovative flange spreading wedges. A simple solution to hydraulically spread flange joints with a minimum access gap of 0.16" (4.0 mm).

**User Features:**

- Practical, portable and lightweight
- Moulded plastic handle for comfort
- Revolving handle to aid horizontal or vertical spreading
- Removable handle for improved access

**Safety Features**

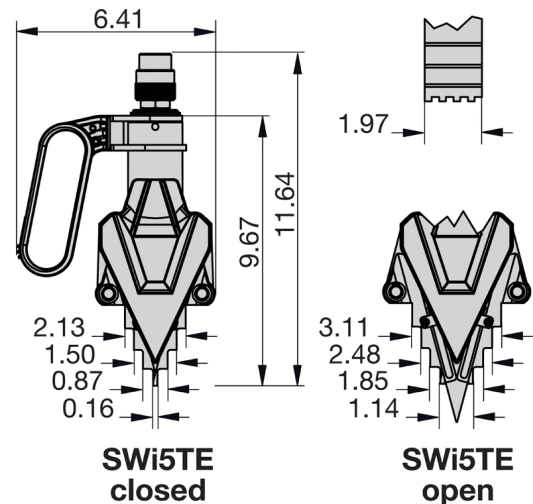
- No finger pinch-points
- Increased step depth on upper steps
- Safety lanyard – 39 inches (1 m) length
- Forged key components for strength and reliability

**Maintenance Features**

- Rapid disassembly and assembly
- Narrow jaw teeth – improved tool wear

**The SWi5TE Set Includes:**

- 1 x SWi5TE Flange Spreader Wedgehead
- 1 x 10,000 psi Hydraulic Cylinder
- 1 x Safety Block
- 1 x Lanyard
- Carry Case dimensions (in) 580 mm x 340 mm x 180 mm (22.8" x 13.4" x 7.1")



**Specifications - Metric**

<b>Maximum Operating Pressure (bar)</b>	700
<b>Model Type</b>	Single Wedge Set
<b>Spreader Certification</b>	Not Atex certified
<b>Maximum Spread (mm)</b>	101
<b>Power Source</b>	External Hydraulic
<b>Capacity (metric tons)</b>	7.7
<b>Capacity (kN)</b>	77
<b>Tip Clearance</b>	4
<b>Jaw Width (mm)</b>	50,0
<b>Gross Kit Weight (kg)</b>	8.7 kg (19.1 lb)

**Dimensions - Metric**

Case Dimensions (mm): 22.8 x 13.4 x 7.1

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