

SWi12/14TM

Innovative mechanical flange spreading wedge



The SWi12/14TM is an innovative mechanical flange spreading wedge.

With 175 N·m (130 ft·lb) torque applied, it produces 12 T (120 kN) spreading force on the 1st step and 14 T (140 kN) on the 4th step. Spreading distance is 6.0 mm – 103.5 mm (0.24" – 4.1").

120 kN

SPREADING FORCE, 1ST STEP
(12 T)

140 kN

SPREADING FORCE, 4TH STEP
(14 T)

6.0–103.5 mm

SPREADING DISTANCE
(0.24" – 4.1")

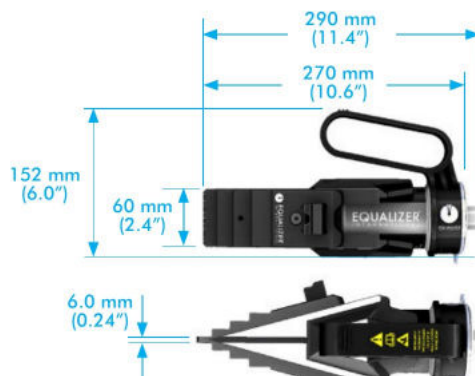
6.2 kg

WEIGHT (13.7 LB)

CAPABILITIES

- With 175 N·m (130 ft·lb) torque applied: **12 T** spread force (1st step), **14 T** spread force (4th step)
- **6.0 mm – 87.5 mm** (0.24" – 3.4") spread over 4 steps (without stepped blocks)
- **48.5 mm – 103.5 mm** (1.9" – 4.1") spread over 2 steps (with stepped blocks)
- **6.0 mm – 40.0 mm** (0.24" – 1.6") spread using only 1st step

TOOL DIMENSIONS – CLOSED



FEATURES

USER FEATURES

- Practical, portable and lightweight
- Moulded plastic handle for comfort
- Revolving handle to aid horizontal or vertical spreading
- Offset handle is directly over the centre of mass
- Removable handle for improved access
- Revolving lanyard connection point
- Spread indicator markings for clear precise visual progress feedback

SAFETY FEATURES

- No finger pinch-points
- Increased step depth on upper steps
- Safety lanyard – 1.0 m (39") length
- Forged key components for strength and reliability

MAINTENANCE FEATURES

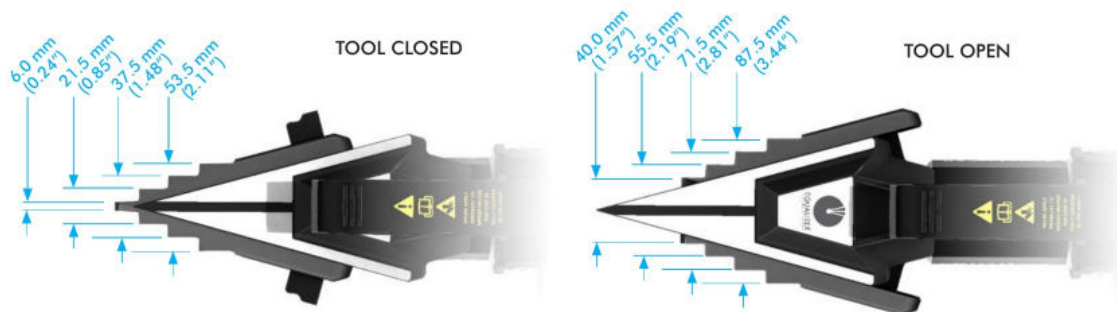
- Rapid disassembly and assembly
- Quick jaw replacement – remove 1 fastener
- Quick tip replacement – remove 2 fasteners
- Narrow jaw teeth – improved tool wear

SWi12/14TM

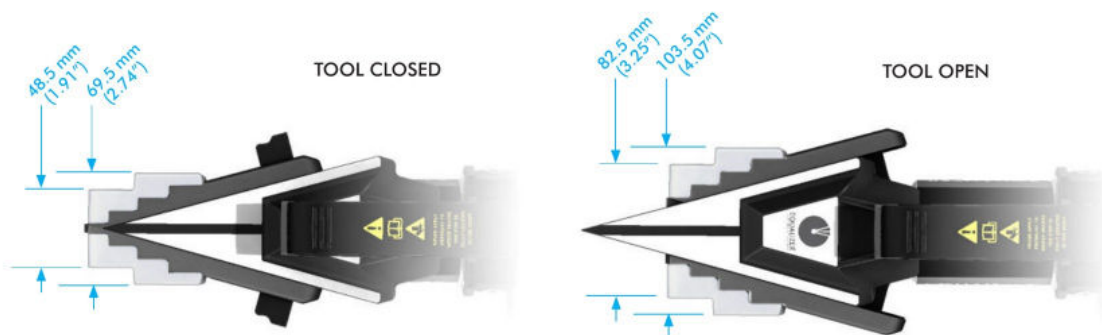
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JAW DIMENSIONS

Without stepped blocks attached



With stepped blocks attached



STANDARD KIT

- 1 × SWi12/14TM mechanical flange spreader wedgehead
- 1 × 12/14TM mechanical cylinder
- 1 × Torque wrench with 22 mm socket
- 1 × Set of safety blocks
- 1 × Pair of stepped blocks
- 1 × Safety lanyard
- 1 × Hex key
- 1 × Instruction manual
- 1 × Plastic carry case



SWi12/14TM standard kit

Product code	SWi1214TMSTDSPB
Carry case dimensions	580 × 330 × 165 mm (22.8" × 13.0" × 6.5")
Gross kit weight	13.0 kg (28.7 lb)