

SWi20/25TI

Innovative integral hydraulic flange spreading wedge



The SWi20/25TI is an innovative integral hydraulic flange spreading wedge.

At 700 bar (10 000 psi), it produces 20 T (200 kN) spreading force on the 1st step and 24 T (240 kN) on the 4th step. Spreading distance is 6.0 mm – 103.5 mm (0.24" – 4.1").

200 kN

SPREADING FORCE, 1ST STEP
(20 T)

240 kN

SPREADING FORCE, 4TH STEP
(24 T)

6.0–103.5 mm

SPREADING DISTANCE
(0.24" – 4.1")

8.5 kg

WEIGHT (18.8 LB)

CAPABILITIES

- At 700 bar (10 000 psi): **20 T** spread force (1st step), **24 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

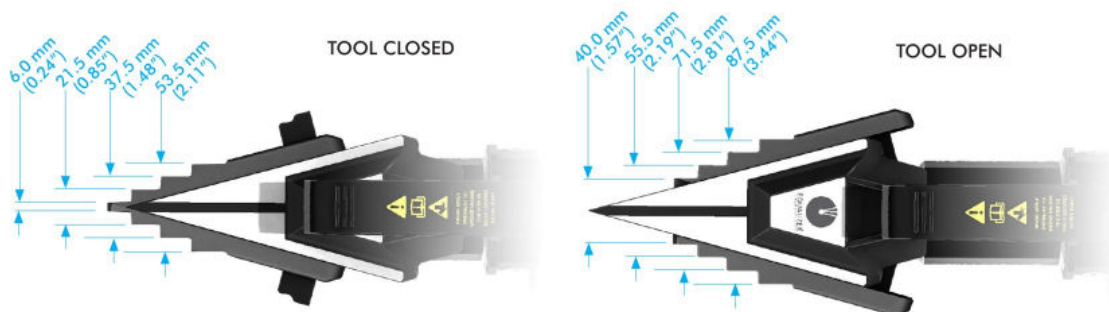
- Rapid disassembly and assembly
- Quick jaw replacement – remove 1 fastener
- Quick tip replacement – remove 2 fasteners
- Narrow jaw teeth – improved tool wear

SWi20/25TI

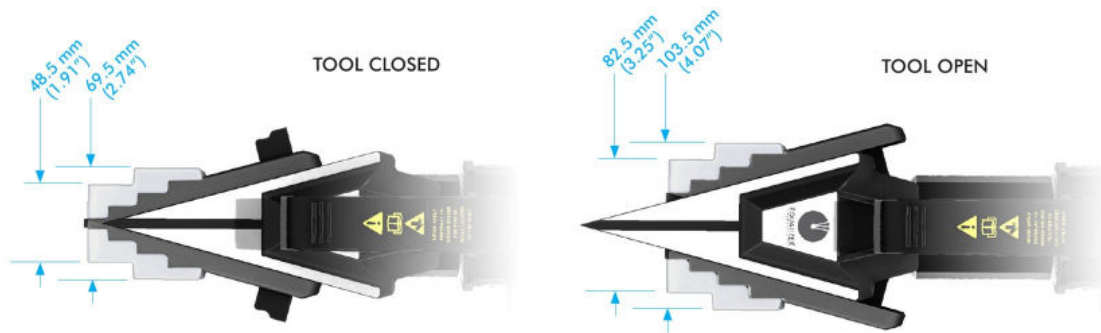
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JAW DIMENSIONS

Without stepped blocks attached



With stepped blocks attached



STANDARD KIT

- 1 × SWi20/25TI flange spreader wedgehead
- 1 × 700 bar (10 000 psi) integral hydraulic pump/cylinder
- 1 × Set of safety blocks
- 1 × Pair of stepped blocks
- 1 × Safety lanyard
- 1 × Hex key
- 1 × Instruction manual
- 1 × Carry case



SWi20/25TI standard kit

Product code	SWi20/25TISTDSPB
Carry case dimensions	580 × 330 × 165 mm (22.8" × 13.0" × 6.5")
Gross kit weight	13.8 kg (30.4 lb)