

▼ SWI-Series, Flange Spreading Tools



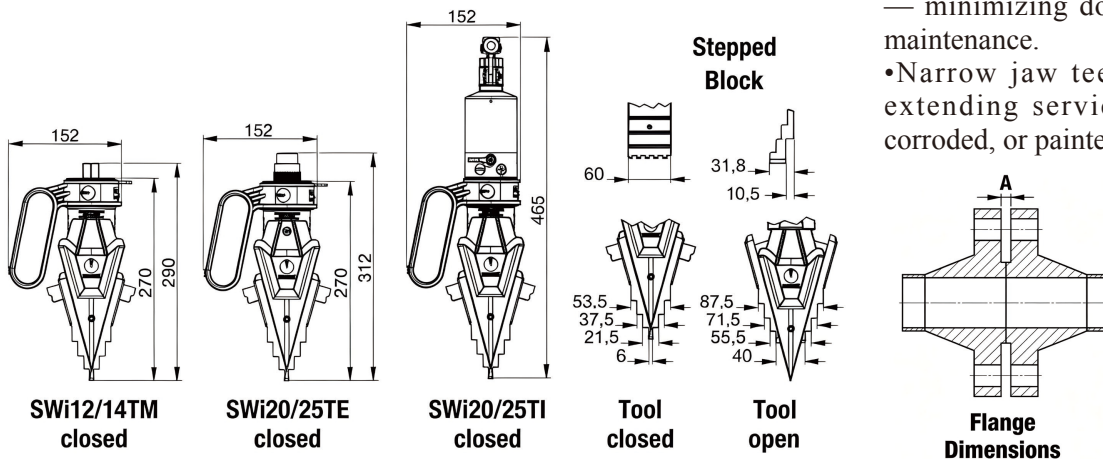
Max. Lifting Force: 140/240kN

Spreading Distance: 103.5mm

Max. Operating Pressure: 700 bar

- Practical, portable and lightweight. The practical portable design reduces operator fatigue and allows easy transport in tool bags or small carrying cases.
- Self-contained hydraulic system eliminates hose management and leak points, enhancing efficiency and safety on every job.
- Revolving handle to aid horizontal or vertical spreading.
- Removable handle for improved access.
- No finger pinch-point.
- Increased step-depth on upper steps.
- 1.0-meter safety lanyard prevents accidental drops when working at height or over open structures.
- Forged key load-bearing components deliver exceptional strength and long-term reliability under repeated use.
- Rapid disassembly and assembly for cleaning, inspection, or parts replacement — minimizing downtime and simplifying maintenance.
- Narrow jaw teeth improve tool wear, extending service life even on rough, corroded, or painted flange surfaces.

▼ Specifications Sheet



Model Number Tool Kit	Type	Maximum Spreading Force Per Tool (kN)	Maximum Spreading Distance * (mm)	Flange Dimensions Minimum Access Gap A (mm)	Jaw Width (mm)	Tool Weight (kg)	Kit Weight (kg)	Case Dimensions (mm)	Tool Number
SWi1214TMSTDSPB	Mechanical	140	103.5	6	60	6.2	13	580 x 330 x 165	SWi12/14TM
SWi2025TEMINSBPB	External Hydraulic	240	103.5	6	60	6.4	11.6	580 x 330 x 165	SWi20/25TE
SWi2025TESTDSPB	External Hydraulic	240	103.5	6	60	6.4	20.7	920 x 500 x 205	SWi20/25TE
SWi2025TEMAXSPB	External Hydraulic	240	103.5	6	60	6.4	33	920 x 500 x 205	SWi20/25TE
SWi2025TISTDSPB	Integral Hydraulic	240	103.5	6	60	8.5	13.8	580 x 330 x 165	SWi20/25TI

* Using stepped blocks.

CAUTION: A minimum of two Flange Spreading Tools must be used when opening flange joints. This will enable the operator to maintain an equal spreading distance across the flange faces.

Product Image	Product Series	Kit Name	Kit Contents	QTY.
	SWi12/14TMSTDSPB Mechanical Flange Spreading Wedge	SWi12/14TM STD Kit	SWi12/14TM Flange Spreading Tool	1
			Torque Wrench with 22 mm Socket	1
			Set of Safety Blocks	1
			Pair of Stepped Blocks	1
			Lanyard	1
			Hex Key	1
			Plastic Carry Case	1
	SWi20/25TEMINSPB Hydraulic Flange Spreading Wedge	SWi20/25TE MIN Kit	SWi20/25TE Flange Spreading Tool	1
			Set Safety Blocks	1
			Pair of Stepped Blocks	1
			Lanyard	1
			Hex Key	1
			Plastic Carry Case	1
	SWi20/25TESTDSPB Hydraulic Flange Spreading Wedge	SWi20/25TE STD Kit	SWi20/25TE Flange Spreading Tool	1
			700 bar Hydraulic Hose, 2m with 90° Rotary joint	1
			700 bar Hand Pump with Gauge	1
			Set Safety Blocks	1
			Pair of Stepped Blocks	1
			Lanyard	1
			Hex Key	1
			Plastic Carry Case	1
	SWi20/25TEMAXSPB Hydraulic Flange Spreading Wedge	SWi20/25TE MAX Kit	SWi20/25TE Flange Spreading Tools	2
			700 bar Hydraulic Hoses, 2m with 90° Rotary joint	2
			700 bar Hand Pump with Gauge	1
			Set Safety Blocks	2
			Pair of Stepped Blocks	2
			Lanyards	2
			Hex Keys	2
			Plastic Carry Case	1
	SWi20/25TISTDSPB Integral Hydraulic Flange Spreading Wedge	SWi20/25TI STD Kit	SWi20/25TI Flange Spreading Tool	1
			Set of Safety Blocks	1
			Pair of Stepped Blocks	1
			Lanyard	1
			Hex Key	1
			Carry-Strap	1
			Plastic Carry Case	1