Equalizer Flange Spreading Tools

ENERPAC

▼ SWi20/25TEEX

SWi

ATEX CERTIFIED FLANGE SPREADING WEDGES

Spreading Force:
15.7 - 27 ton

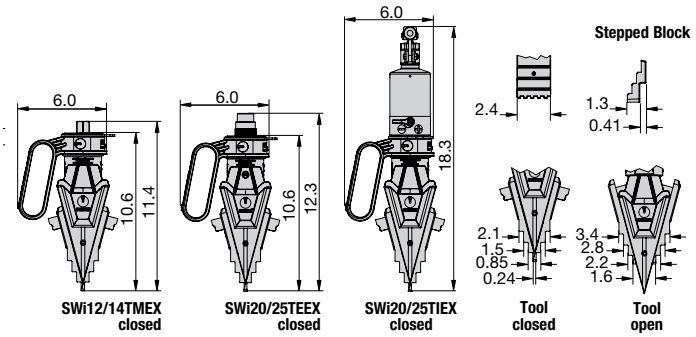
Spreading Distance:
0.24 - 4.1 inches

Maximum Operating Pressure:
10,000 psi *

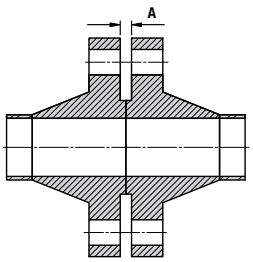
* Only relevant for hydraulic tools

- **ATEX certified**
- **Practical, portable and lightweight**
- **Revolving handle to aid horizontal or vertical spreading**
- **Removable handle for improved access**
- **No finger pinch-point**
- **Increased step-depth on upper steps**
- **Safety lanyard length, 39 inches**
- **Forged key components for strength and reliability**
- **Rapid disassembly and assembly**
- **Narrow jaw teeth – improved tool wear**

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.



Flange Dimensions



Model Number	Type	Maximum Spreading Force Per Tool (ton)	Spreading Distance Maximum * (in)	Flange Dimensions Minimum Access Gap A (in)	Jaw Width (in)	Tool Weight (lbs)	Kit Weight (lbs)	Case Dimensions (in)	Tool Number
SWi1214TMSTDEX	Mechanical	15.7	4.1	0.24	2.4	13.7	37.5	22.8 x 15.7 x 7.1	SWi12/14TMEX
SWi2025TEMINEX	External Hydraulic	27	4.1	0.24	2.4	14.1	33.1	22.8 x 15.7 x 7.1	SWi20/25TEEX
SWi2025TESTDEX	External Hydraulic	27	4.1	0.24	2.4	14.1	60.6	26.8 x 22.0 x 7.1	SWi20/25TEEX
SWi2025TEMAXEX	External Hydraulic	27	4.1	0.24	2.4	14.1	85.5	36.6 x 23.6 x 7.1	SWi20/25TEEX
SWi2025TISTDEX	Integral Hydraulic	27	4.1	0.24	2.4	18.7	38.6	22.8 x 15.7 x 7.1	SWi20/25TIEX

* Using stepped blocks.

Equalizer Flange Spreading Tools

SWi12/14TMEX -
ATEX Certified Mechanical Flange Spreading Wedge

Ex | II 2G Ex h IIB T5 Gb
II 2D Ex h IIIC T185°F Db

SWi1214TMSTDEX - SWi12/14TMEX STD Kit

1 x SWi12/14TMEX Flange Spreading Tool
1 x ATEX Torque Wrench with 22 mm Socket
1 x Set of Safety Blocks
1 x Pair of Stepped Blocks
1 x Lanyard
1 x Hex Key
1 x Aluminium Carry Case with Protective Foam Inserts

SWi20/25TIEX -
ATEX Certified Integral Hydraulic Flange Spreading Wedge

Ex | II 2G Ex h IIB T5 Gb
II 2D Ex h IIIC T212°F Db

SWi2025TISTDEX - SWi20/25TIEX STD Kit

1 x SWi20/25TIEX Flange Spreading Tool
1 x Set of Safety Blocks
1 x Pair of Stepped Blocks
1 x Lanyard
1 x Hex Key
1 x Carry-Strap
1 x Aluminium Carry Case with Protective Foam Inserts

SWi20/25TEEX -
ATEX Certified Hydraulic Flange Spreading Wedge

Ex | II 2G Ex h IIB T5 Gb
II 2D Ex h IIIC T212°F Db

SWi2025TEMINEX - SWi20/25TEEX MIN Kit

1 x SWi20/25TEEX Flange Spreading Tool
1 x Set Safety Blocks
1 x Pair of Stepped Blocks
1 x Lanyard
1 x Hex Key
1 x Aluminium Carry Case with Protective Foam Inserts

SWi2025TESTDEX - SWi20/25TEEX STD Kit

1 x SWi20/25TEEX Flange Spreading Tool
1 x 10,000 psi ATEX Hydraulic Hose, 6.5 ft. with 90° Elbow
1 x 10,000 psi HP350S ATEX Single-Port Sealed Hand Pump with Gauge
1 x Set Safety Blocks
1 x Pair of Stepped Blocks
1 x Lanyard
1 x Hex Key
1 x Aluminium Carry Case with Protective Foam Inserts

SWi2025TEMAXEX - SWi20/25TEEX MAX Kit

2 x SWi20/25TEEX Flange Spreading Tools
2 x 10,000 psi ATEX Hydraulic Hose, 6.5 ft. with 90° Elbow
1 x 10,000 psi HP550D ATEX Twin-Port Sealed Hand Pump with Gauge
2 x Set Safety Blocks
2 x Pair of Stepped Blocks
2 x Lanyards
2 x Hex Keys
1 x Aluminium Carry Case with Protective Foam Inserts

These tools have been designed for use in potentially explosive atmospheres which is:

- Group II (Non-mining equipment)
- Equipment **category 2** where explosive atmosphere is likely to occur in normal operation
- Can be applied in **zones 1** and **2** of gaseous explosive atmospheres and in **zones 21** and **22** of dust explosive atmosphere
- **Gas G** or **Dust D** with type of protection **Ex h** for non-electrical equipment
- Suitable for use with **Group IIB** of a gases and vapours (Ethylene group) and **Group IIIC** of dust (conductive dust)
- For hydraulic tools **T5** means that minimum ignition temperature of gas or vapor >**212°F**; **T212°F** means that minimum ignition temperature of a dust cloud ≥**302°F** and minimum ignition temperature of a 0.2 inch (5mm) dust layer ≥**347°F**
- For mechanical tools **T6** means that minimum ignition temperature of gas or vapor >**185°F; T185°F** means that minimum ignition temperature of a dust cloud ≥**261.5°F** and minimum ignition temperature of a 0.2 inch dust layer ≥ **320°F**

These tools have been designed and manufactured in accordance with the following transposed harmonized European standards:

- **EN ISO 80079-36:2016** Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements;
- **EN ISO 80079-37:2016** Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres

  - Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k"