

Flange Spreading Tools

SWi12/14TMEX - ATEX Certified Mechanical Flange Spreading Wedge



II 2G Ex h IIB T5 Gb
II 2D Ex h IIIC T85°C 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

SWi20/25TEEX - ATEX Certified Hydraulic Flange Spreading Wedge



II 2G Ex h IIB T5 Gb
II 2D Ex h IIIC T100°C 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

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



II 2G Ex h IIB T5 Gb
II 2D Ex h IIIC T100°C 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

SWi2025TESTDEX - SWi20/25TEEX STD Kit



- 1 x SWi20/25TEEX Flange Spreading Tool
- 1 x 700 bar ATEX Hydraulic Hose, 2 m with 90° Elbow
- 1 x 700 bar 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 700 bar ATEX Hydraulic Hose, 2 m with 90° Elbow
- 1 x 700 bar 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 **>100°C**; **T100°C** means that minimum ignition temperature of a dust cloud **≥150°C** and minimum ignition temperature of a 5mm dust layer **≥ 175°C**
- For mechanical tools **T6** means that minimum ignition temperature of gas or vapor **>85°C**; **T85°C** means that minimum ignition temperature of a dust cloud **≥127,5°C** and minimum ignition temperature of a 5mm dust layer **≥ 160°C**.

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":