

BTFS Series

Separation of stubborn joints for inspection and maintenance particularly those fitted with ring grooves or those with external forces acting on them are often difficult to separate. The use of hammers and wedges, chain blocks and lever bars can damage joint components and present a potential safety risk.

BOLTORQ Flange Spreader are the ideal solutions.

USED IN: Standard Kit / Maxi Kit are used for shutdown, testing, pipe line maintenance, commissioning etc...

FEATURES:

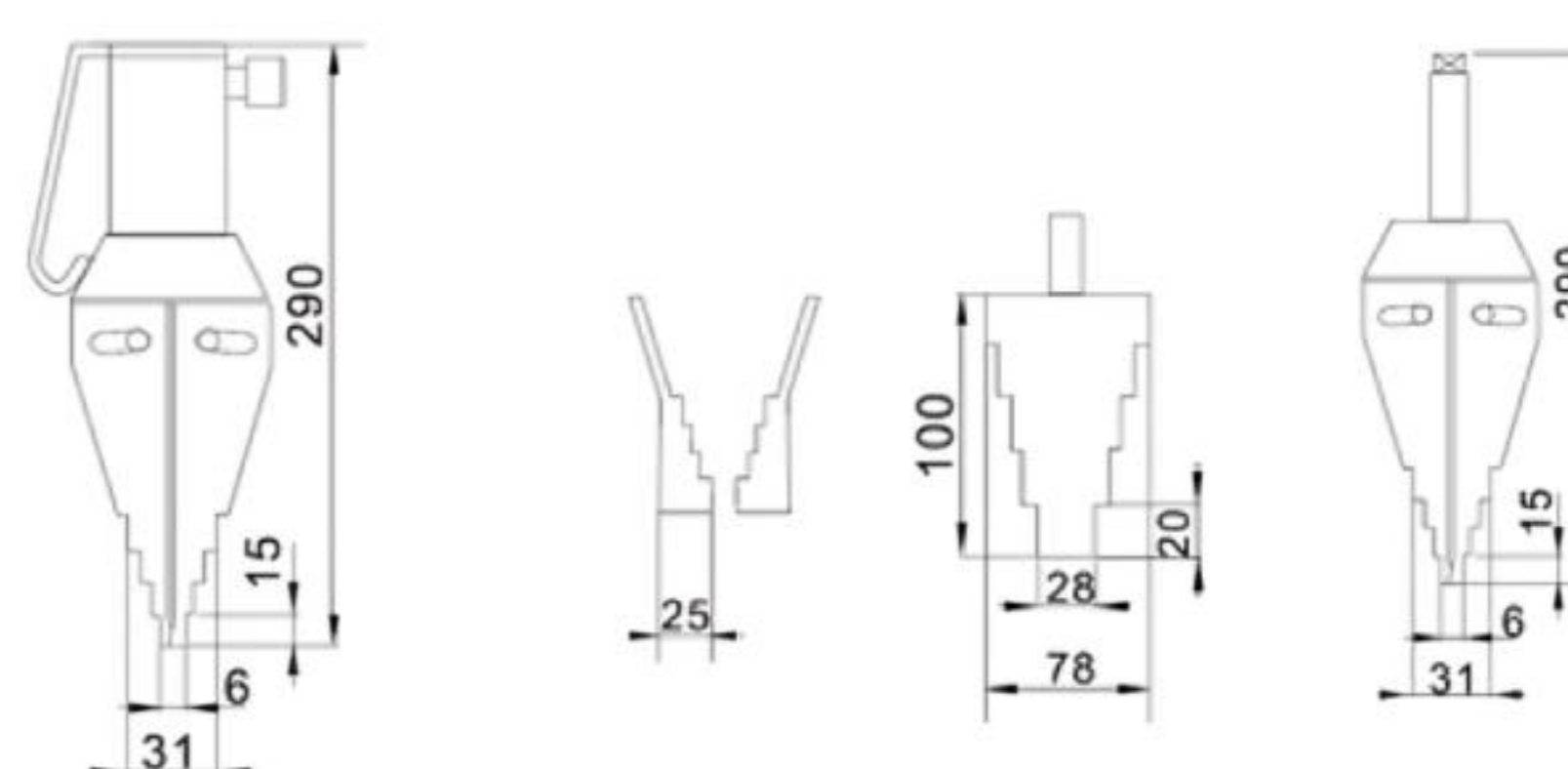
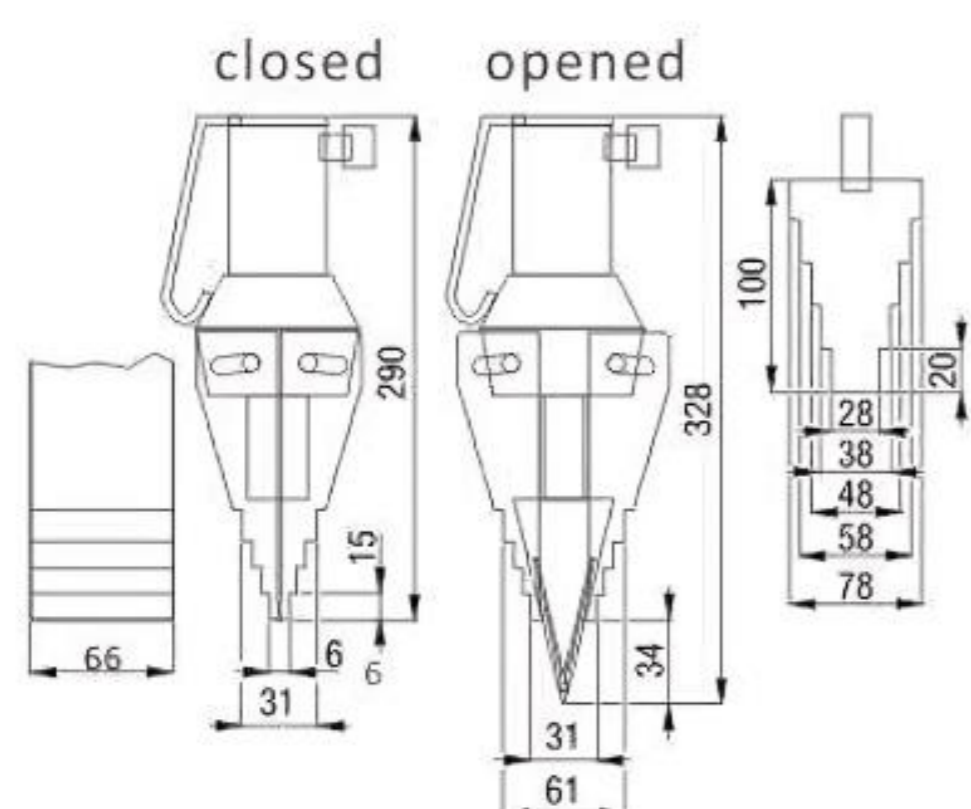
- Operated by hydraulic pump with rated pressure of 700 bar (10 000 psi) hydraulic pressure applied
- Required very small access gap of only 6mm
- Each step spreading distance is 20mm
- Maximum spreading distance is 61mm
- Use stepped blocks to increase wedge opening up to 81 mm
- Includes Safety blocks
- Supplied with 3/8 male coupler and dust cap
- Safe and reliable hydraulic system



SPREADING FORCE:

with 700 bar (10 000 psi) hydraulic pressure applied: 14 ton (140 KN) per tool

Model	Maximum Spread	Tip Clearance	Maximum Spread	Maximum wt. Spread blocks	Tool Weight
BTFS-14	14 (140 KN)	6mm	61mm	80mm	9.0 kg (15.4 lb)



Example of Operations

BOLTORQ's BTFS Series Flange Spreader is a versatile tool designed for a range of industrial applications including maintenance, commissioning, shutdowns, testing, and valve and gasket changes. Its innovative design eliminates the need for hammers, chisels, slings, or chain blocks, making tasks more efficient and safer. With a remarkably small access gap requirement of only 6mm, it can access tight spaces with ease. BOLTORQ offers both Mechanical and Hydraulic options, providing flexibility to meet various project needs and requirements.

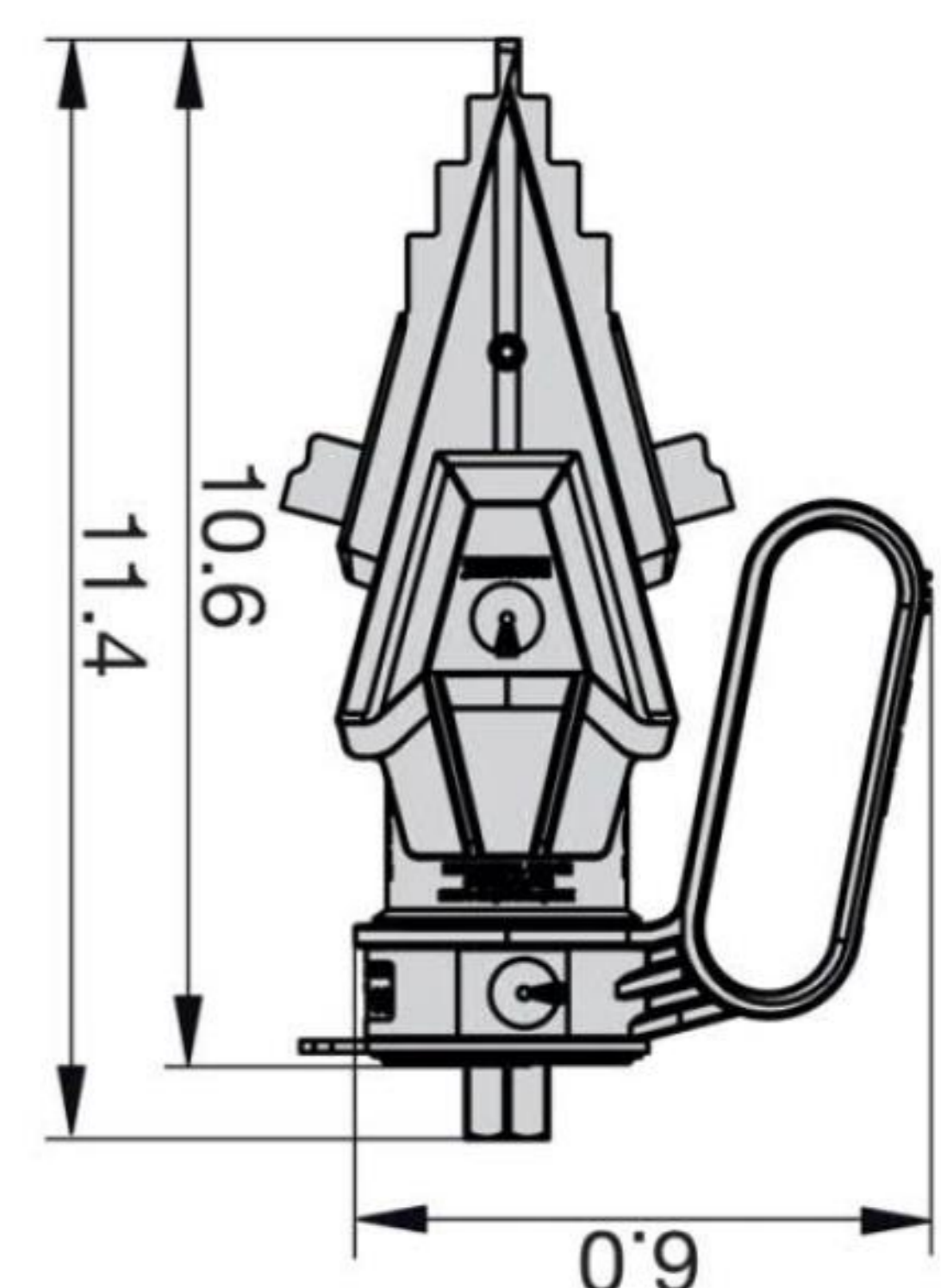
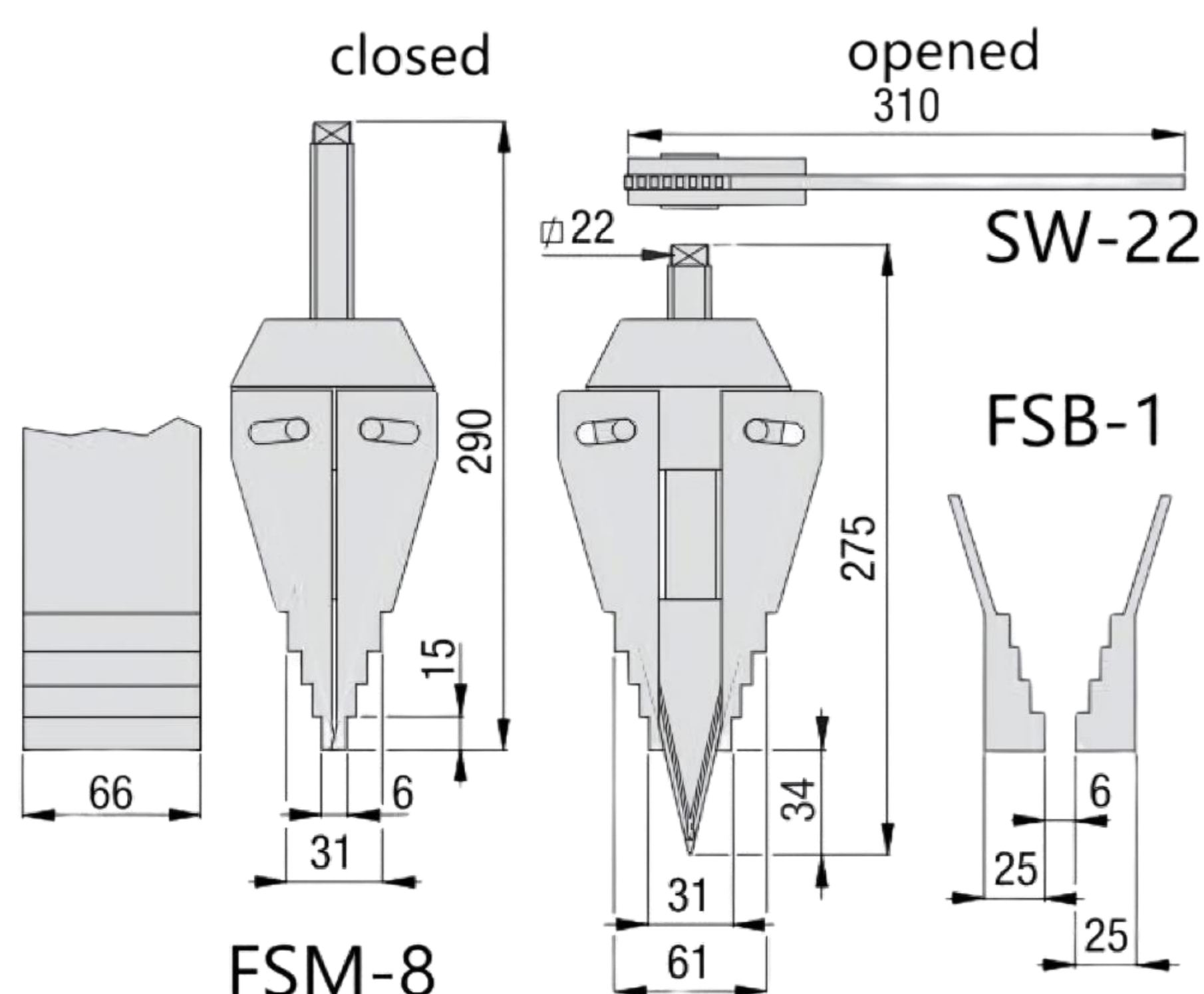


BTFSM Series

BOLTORQ Mechanical Flange Spreader BTFSM Series is an essential tool for industries requiring reliable and efficient flange spreading solutions. Engineered with durability and simplicity in mind, its design boasts few moving parts, ensuring longevity and minimal maintenance requirements. With a remarkable access gap requirement of only 6 mm, it efficiently fits into tight spaces, offering versatility in various work environments. Whether opting for the mechanical or hydraulic version, users can count on portable tools that safely and effectively spread flange joints, facilitating smoother operations and enhancing workplace safety.

FEATURES:

- Few moving parts mean durability and low maintenance
- Requires access gap of only 6 mm
- Portable tools to safely spread flange joints
- Available for both mechanical and hydraulic options
- Practical, portable and light weight
- Molded plastic handle for comfort
- Revolving handle to aid horizontal or vertical spreading
- Increased step depth on upper steps
- Safety lanyard-1.0m(39") length
- Forged key components for strength and reliability
- Rapid disassembly and assembly
- Narrow jaw teeth-improved tool wear



Model	Maximum Spread	Power Source	Maximum Spreading Force	Capacity	Tip Clearance	Weight
BTFSM-8	80mm/3.16in	Mechanical	8T/72kN	8 Ton	6mm/0.24in	6.5kg/14.3lbs
BTFSM-14	103.5mm/4.1in	Mechanical	175Nm/130Ft.lbs	14 Ton	6mm/0.24in	6.5kg/14.3lbs