

▼ FSC,FSM,FSH, Flange Spreading Wedges



Tip Clearance: 72-125 kN

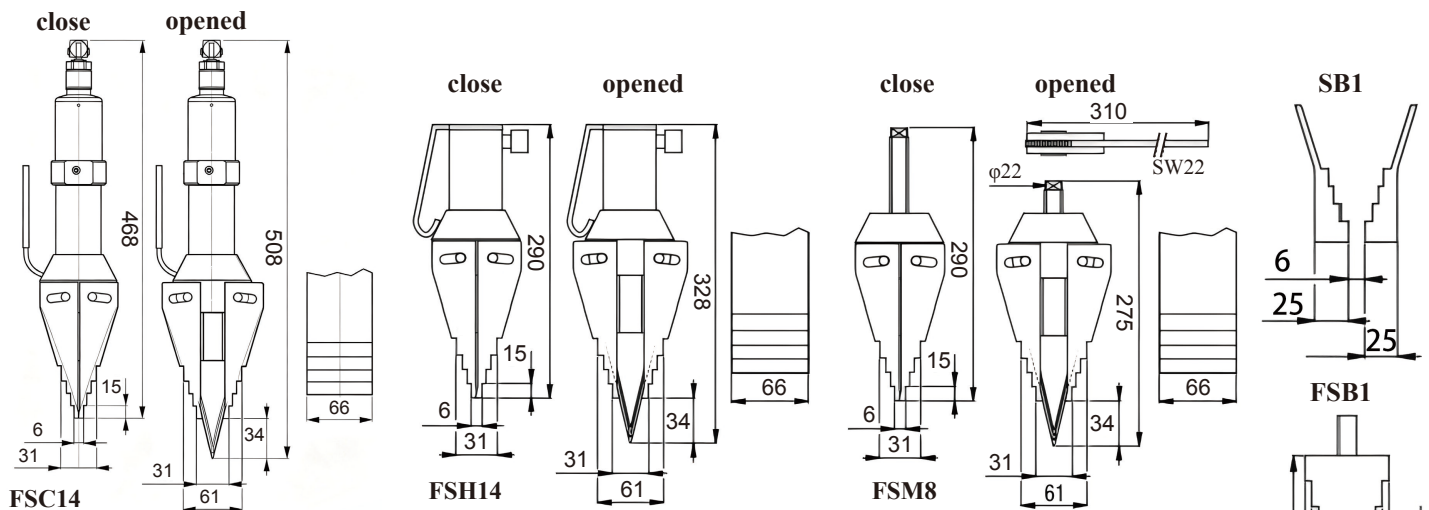
Maximum Spread: 80mm

Max. Spread Force: 8-14Ton

Max. Operating Pressure: 70MPa

- Unique interlocking wedge design avoids initial bending and joint slippage risks
- Fits tight 6 mm clearance gaps
- Minimal moving parts for long service life and low maintenance
- SB1 safety block and FSB1 stepped Blocks included with FSC14, FSH14 & FSM8
- SW22 ratchet spanner supplied with FSM8 mechanical spreader
- Single-acting cylinder fitted with FSH14 hydraulic spreader
- FSC14 features an integrated hydraulic hand pump. Ready for immediate use without extra hydraulic connections. Compact unit delivering 14tton force, operable from a minimal 6 mm clearance gap.

▼ Specifications Sheet



Maximum Spreading Force ton (kN)	Model Number	Tip Clearance (mm)	Maximum Spread ¹⁾ (mm)	Spreader Type	Oil Capacity (cm ³)	Weight (KG)
11.4 (112)	FSC14	6	80	Integral hydraulics	—	9.0
12.7 (125)	FSH14	6	80	External hydraulics	78	7.1
7.3 (72)	FSM8	6	80	Mechanical	—	6.5

•Includes stepped blocks FSB-1

Flange Spreading Wedges

Flange spreaders are engineered to streamline flange joint maintenance work.

Traditionally, technicians rely on ropes, pulleys, pry bars, cable pullers and hammers to separate flanges. Our RIVERLAKE spreaders serve as a safer, faster and more efficient replacement.

These spreaders use mechanical and hydraulic principles for separating flanges and can spread small, medium or large flange joints. Tool selection is made on the basis of the access gap between the flange faces, the flange size and the required scope of work



AM-Series Control Manifolds

Designed for simultaneous and even spreading of flange joints when FSH14 spreaders are placed 180° apart.



Flange Maintenance Tools Secure-Grip and Zero-Gap flange spreading tools

intended for application on flanges with zero or small gap.



Two FSH14 flange spreaders used simultaneously with a RIVERLAKE hand pump, Hose 1 and AM21 manifold block.

▼ Optional Kit

FSH14M		
Packing List		
Model Number	Product Description	Qty.
FSH14 Flange Spreading Wedges	Includes 1pc SB1 safety block and 1pc FSB1 stepped blocks	2
AM21-232-GA Cntorl Manifolds	1-to-2 manifold block, with CEJN 232 quick couplings and pressure gauge display	1
P142	Hand Pump	1
HSP700PC-2-MM	70MPa hydraulic hose with PC cover, fitted with CEJN 232 male couplings at both ends, with a swivel fitting at one end for easy operation	2
Hard Plastic Case	Portable rigid plastic tool case	1

STF14H		
Packing List		
Model Number	Product Description	Qty.
FSH14 Flange Spreading Wedges	Includes 1pc SB1 safety block and 1pc FSB1 stepped blocks	1
P142GC	Hand Pump, Integrated with GA45GC for direct pressure reading	1
HSP700PC-2-MM	70MPa hydraulic hose with PC cover, fitted with CEJN 232 male couplings at both ends, with a swivel fitting at one end for easy operation	1
Hard Plastic Case	Portable rigid plastic tool case	1