

▼ FSH-14 and FSM-8 with Safety Blocks Sb1



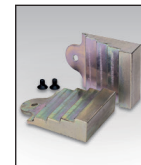
- **Integrated wedge concept:** friction-free, smooth, parallel wedge movement eliminates flange damage and spreading arm failure
- **Unique interlocking wedge design:** no first step bending and risk of slipping out of joint
- **Requires very small access gap of only .24 inch (6 mm)**
- **Stepped spreader arm design:** each step can spread under full load
- **Few moving parts means durability and low maintenance**
- **Safety block SB-1 and ratchet spanner SW-22 included with FSM-8**
- **Safety block and Enerpac RC-102 cylinder included with FSH-14**

Practical, Portable And Lightweight



FSC-14 with Integrated Hand Pump

Powered by a built-in hydraulic hand pump, the FSC-14 is a ready-to-use tool – no making or breaking hydraulic connections. This compact tool delivers 14 US tons of force and requires a clearance gap as small as .24 inch.



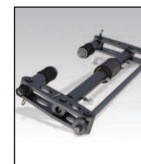
Stepped Blocks FSB-1

Use this pair of stepped blocks to increase wedge opening up to 3.16 in. (80 mm). Fits **FSC**, **FSH** and **FSM** models.



AM-Series Control Manifolds

For simultaneously and even spreading of flange joints, 180° apart with FSH-14.



Flange Maintenance Tools

Secure-Grip and Zero-Gap flange spreading tools for application on flanges with a zero or small gap.



◀ Two FSH-14 spreaders used simultaneously with Enerpac handpump, hoses and AM-21 control manifold.

Flange Spreading Wedges



Flange Spreading Wedges

The flange spreading tools have been developed to aid and simplify the maintenance of flange joints. No longer will those tasked with separating flanges have to rely on using ropes and pulleys, podgers, tiffors, come-alongs or hammers – there is a safe, quick and effective alternative, the Enerpac range of

spreaders. 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.

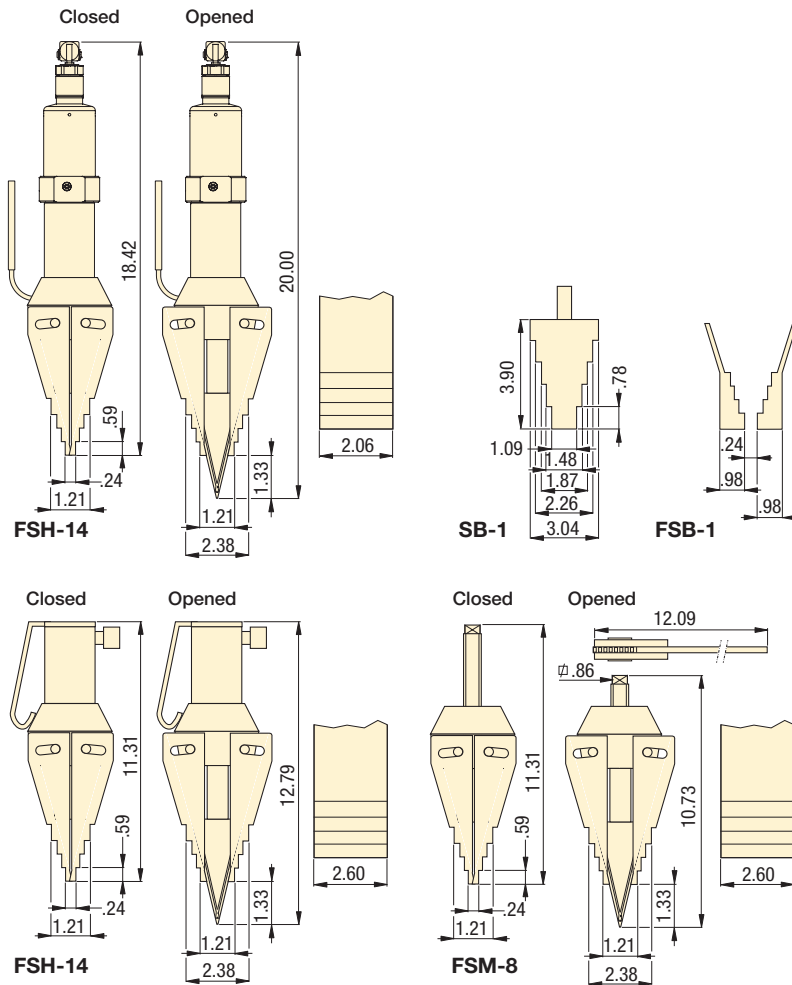
FSC, FSH, FSM Series



Tip Clearance / Maximum Spread¹⁾:
0.24/3.16 inches

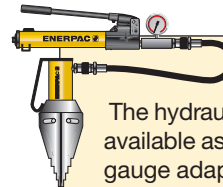
Maximum Spread Force:
8-14 tons

Maximum Operating Pressure:
10,000 psi (FSH-14)



Safety Lanyard FSC-1

Recommended safety accessory to compliment the safe hands-free bolting. Includes steel cable with carabiners.



Tool Pump Sets

The hydraulic flange spreader is available as a set (pump, tool, gauge, gauge adaptor, couplers and hose) for your ordering convenience.

Spreader Model No.	Hand Pump Model No.	Set Model Number
FSH-14	P-392	STF-14H

▼ Flange maintenance and joint separation with FSH-14 Hydraulic Wedge Spreader.



Max. Spreading Force (ton)	Model Number	Tip Clearance (in)	Max. Spread ¹⁾ (in)	Type	Oil Capacity (in ³)	Wt. (lbs)
14	FSC-14	.24	3.16	Integral hydraulics	–	19.84
14	FSH-14*	.24	3.16	External hydraulics	4.76	15.7
8	FSM-8	.24	3.16	Mechanical	–	14.3

¹⁾ Using stepped blocks FSB-1.

* Available as Tool Pump Set, see note on this page.