

▼ FSC-14, FSM-8 and FSH-14 with safety blocks SB-1



- **Unique interlocking wedge design - no first step bending and risk of slipping out of joint**
- **Requires very small access gap of only 6 mm**
- **Few moving parts mean durability and low maintenance**
- **Safety block SB-1 and ratchet spanner SW-22 included with FSM-8 mechanical wedge spreader**
- **Safety block SB-1 and single-acting cylinder included with FSC and FSH hydraulic wedge spreader.**

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



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 6 mm.



Stepped Blocks FSB-1

Use stepped blocks to increase wedge opening up to 80 mm. Fits both 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. See pages 104 - 109.

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 Spread ¹⁾:

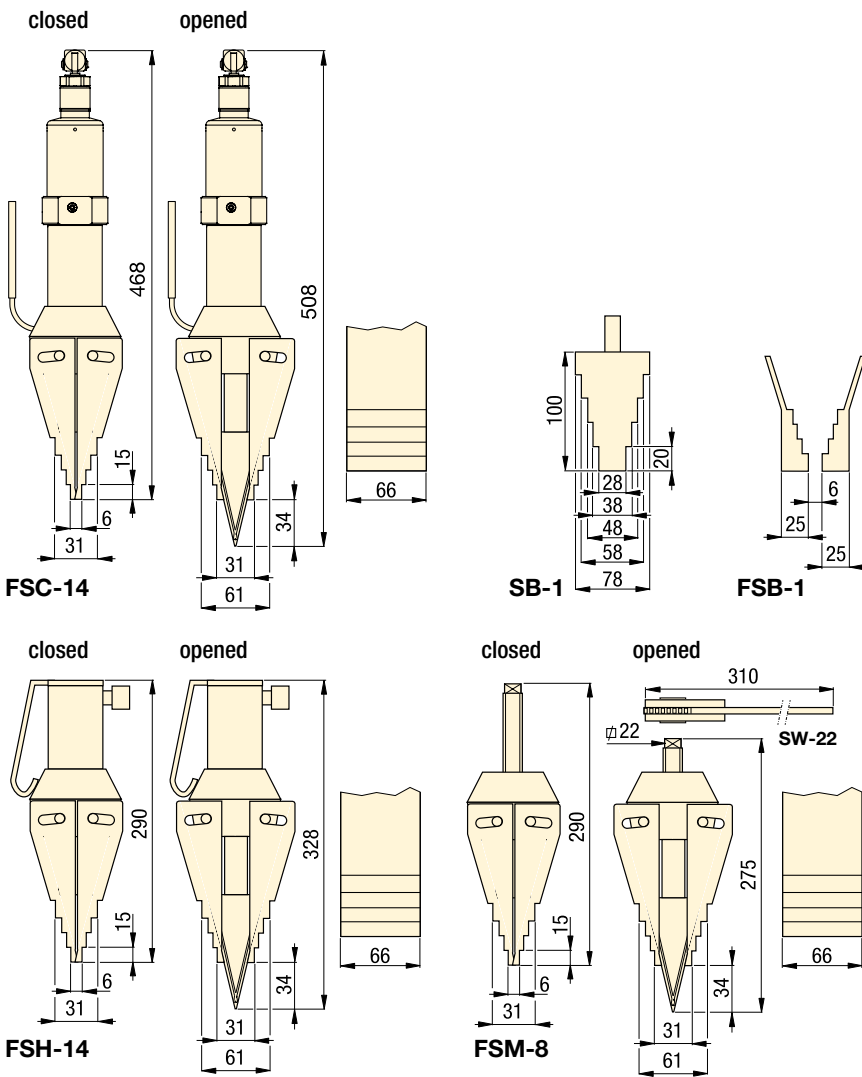
6 mm / 80 mm

Maximum Spread Force:

8 - 14 US tons

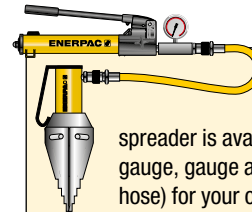
Maximum Operating Pressure:

700 bar (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 set (pump, tool, gauge, gauge adaptor, couplers and hose) for your ordering convenience.

Spreader Model Nr.	Handpump Model Nr.	Set Model Number
FSH-14	P-392	STF-14H

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



Maximum Spreading Force US tons (kN)	Model Number	Tip Clearance (mm)	Maximum Spread ¹⁾ (mm)	Spreader Type	Oil Capacity (cm ³)	Weight (kg)
14 (118)	FSC-14	6	80	Integral hydraulics	–	9,0
14 (125)	FSH-14 *	6	80	External hydraulics	78	7,1
8 (72)	FSM-8	6	80	Mechanical	–	6,5

¹⁾ Using stepped blocks FSB-1

* Available as pump-tool set, see note on this page.