

Mechanical Flange Spreader – MFS 10

Friction-free, smooth and parallel wedge movement with unique interlock wedge design.
Eliminates flange damage and risk of spreading arm failure.

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

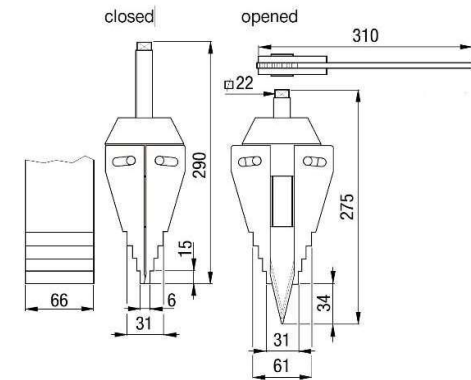
FEATURES:

- ✓ Manual Operation
- ✓ Required very small access gap of only 6mm
- ✓ Safety blocks and stepped blocks provide for more spreading distance
- ✓ Safe and reliable system

Maximum Spread Force	Tip Clearance	Maximum Spread	Maximum wt. Spread blocks	Tool Weight
10 (100 KN)	6mm	61mm	80mm	6.0 kg (15.4 lb)

STANDARD KIT COMPONENTS

- | | |
|----------------------------|------------------------|
| 1 x MFS Wedge heads | 1 x Hex Key |
| 1 x Safety Blocks | 1 x Ratchet Spanner |
| 2 x Pair of Stepped Blocks | 1 x Instruction Manual |
| | 1 x Carry Case |



Hydraulic Flange Spreader Standard / Maxi Kit - HSWL-10

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.

TRITORC Wedge Spreaders and 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

Maximum Spread Force	Tip Clearance	Maximum Spread	Maximum wt. Spread blocks	Tool Weight
14 (140 KN)	6mm	61mm	81mm	9.0 kg (15.4 lb)

STANDARD KIT COMPONENTS:

- | | |
|--|----------------------------|
| 1 x HSWL 10 Wedge heads | 1 x Pair of Stepped Blocks |
| 1 x 700 bar (10 000 psi) Hydraulic Hose, 2m length | 1 x Hex Key |
| 1 x 700 bar (10 000 psi) Hand Pump with Gauge | 1 x Instruction Manual |
| 1 x Safety Blocks | 1 x Carry Case |



HSWL – 10 Flange Spreader



HSWL – 10 with stepped blocks to increase size



Safety block

Stepped block



HSWL -10 Standard Kit

Hydraulic Flange Spreader Maxi Kit - HSWL-10

Maxi Kit Flange Spreader are used in pairs, the reason for this is so when you carry out spreading activities 2 x flange spreaders are used in conjunction with each other to enable and even load and pushing force both spreader work simultaneously and even spreading of flange joints.

TRITORC Wedge Spreaders and Flange Spreader are the ideal solutions.

SPREADING FORCE:

with 700 bar (10 000 psi) hydraulic pressure applied:

14 ton (140 KN) per tool

It is recommended that tools are used in pairs giving:

2 x 14 ton = 28 ton (280 KN)

Maximum Spread Force	Tip Clearance	Maximum Spread	Maximum wt. Spread blocks	Tool Weight
14 (140 KN)	6mm	61mm	81mm	18.0 kg (30.8 lb)

MAXI KIT COMPONENTS:

- 2 x HSWL Wedge heads
- 3 x 700 bar (10 000 psi) Hydraulic Hose, 2m length
- 1 x 700 bar (10 000 psi) Hand Pump with Gauge
- 2 x Safety Blocks
- 2 x Pair of Stepped Blocks
- 1 x Mani fold with 3 outlets
- 2 x Hex Keys
- 1 x Instruction Manual
- 1 x Carry Case

