# **>Bolting Systems**<sup>™</sup>

spxboltingsystems.com



## HYDRAULIC SPREADER KITS



15 TON WEDGE-DRIVEN SPREADER





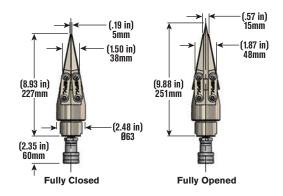




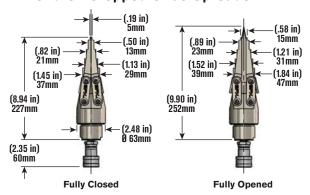
#### **Features & Benefits**

- 33,000 pound (15 metric ton) spreader features an incorporated wedge design that provides structural support to the shoes throughout the tool range to maximize tool longevity and performance.
- Jaws fully supported by wedge for excellent durability
- Ideal for flanges with narrow gaps only5 mm (.2 inches) required for entry
- Compact and lightweight design only 287 mm (11.28 inches) long at a weight of 3.2 kg (7 pounds)
- Suitable for the offshore environment due to superior corrosion resistance
- Quick adjustments for various tasks due to interchangeable shoes (both stepped and serrated)
- Includes female half coupler mates to standard 3/8" male half coupler (No. 9798).

#### ▶ FLS15 Serrated Shoe Spreader



#### ▶ FLS15-ST Stepped Shoe Spreader



#### **▶** Ordering Information

| Order No. | Shoe Type | Maximum<br>Spreading Force<br>Metric Tons (Ib) | Minimum Tip<br>Clearance<br>mm (in) | Maximum<br>Tip Spread<br>mm (in) | Spreader Type | Oil Capacity | Weight     | Maximum Operating Pressure bar (psi) |
|-----------|-----------|--|-------------------------------------|----------------------------------|---------------|--------------|------------|--------------------------------------|
| FLS15     | Serrated  | 15   | 5<br>(0.19)                         | 15<br>(.57)                      | Hydraulic     | 16<br>(1)    | 3.2<br>(7) | 700<br>(10,000)                      |
| FLS15-ST  | Stepped   | (33,000)                                       |                                     |                                  |               |              |            |                                      |



#### ▶ Topside Flange Spreader Kit





#### **Features & Benefits**

- Standard duty blow molded case organizes and protects the complete spreading kit
- Extra storage space for additional step shoes and up to 3 step blocks
- CE kits designed for European market and have a "bar" gauge
- Non-CE kits are for American market and have a "psi" gauge

| Order No.    |    | Kit Contents                             |   |                           |                          |                      |       |                        |               |  |  |
|--------------|----|--|---|---------------------------|--------------------------|----------------------|-------|------------------------|---------------|--|--|
|              |    | FLS15                                    | FLS15-ST                                | SB15                      | P19L                     |                      |       | 2008410                | 2008650       |  |  |
|              |    | Hydraulic<br>Spreader,<br>Serrated Shoes | Hydraulic<br>Spreader,<br>Stepped Shoes | Aluminum<br>Holding Block | Lightweight<br>Hand Pump | Manifold<br>Assembly | Hoses | Handle for<br>Spreader | Standard Case |  |  |
| FLS15-FBK    | CE | 2  | -                                       | 2                         | 1                        | 1                    | 3     | 2                      | 1             |  |  |
| FLS15-MBK    | CE | 1  | -                                       | 3                         | 1                        | -                    | 1     | 1                      | 1             |  |  |
| FLS15-FBK-ST | CE | -  | 2                                       | 2                         | 1                        | 1                    | 3     | 2                      | 1             |  |  |
| FLS15-MBK-ST | CE | -  | 1                                       | 3                         | 1                        | -                    | 1     | 1                      | 1             |  |  |
| FLS15-FBP    |    | 2  | -                                       | 2                         | 1                        | 1                    | 3     | 2                      | 1             |  |  |
| FLS15-MBP    |    | 1  | -                                       | 3                         | 1                        | -                    | 1     | 1                      | 1             |  |  |
| FLS15-FBP-ST |    | -  | 2                                       | 2                         | 1                        | 1                    | 3     | 2                      | 1             |  |  |
| FLS15-MBP-ST |    | -  | 1                                       | 3                         | 1                        | -                    | 1     | 1                      | 1             |  |  |

#### ▶ Offshore Flange Spreader Kit





#### Features & Benefits

- Heavy duty case is more rugged and compact, ideal for offshore applications
- Weather proof gasket seal and pressure equalization valve on the case
- Tighter product spacing for easier helicopter transport
- Gauges on manifold assembly display "bar" as primary units and "psi" as secondary

| Order No.    |    | Kit Contents                             |   |                           |                          |                      |       |                           |                           |  |
|--------------|----|--|---|---------------------------|--------------------------|----------------------|-------|---------------------------|---------------------------|--|
|              |    | FLS15                                    | FLS15-ST                                | SB15                      | P19L                     |                      |       | 2008577                   | 3000832                   |  |
|              |    | Hydraulic<br>Spreader,<br>Serrated Shoes | Hydraulic<br>Spreader,<br>Stepped Shoes | Aluminum<br>Holding Block | Lightweight<br>Hand Pump | Manifold<br>Assembly | Hoses | Heavy Duty<br>Case, Large | Heavy Duty Case,<br>Small |  |
| FLS15-FSK    | CE | 2  | -                                       | 2                         | 1                        | 2                    | 3     | 1                         | -                         |  |
| FLS15-FSK-ST | CE | -  | 2                                       | 2                         | 1                        | 2                    | 3     | 1                         | -                         |  |
| FLS15-MSK    | CE | 1  | -                                       | 1                         | -                        | -                    | -     | -                         | 1                         |  |
| FLS15-MSK-ST | CE | -  | 1                                       | 1                         | -                        | -                    | -     | -                         | 1                         |  |

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