

Product Details(3)

▼ Series Comparison

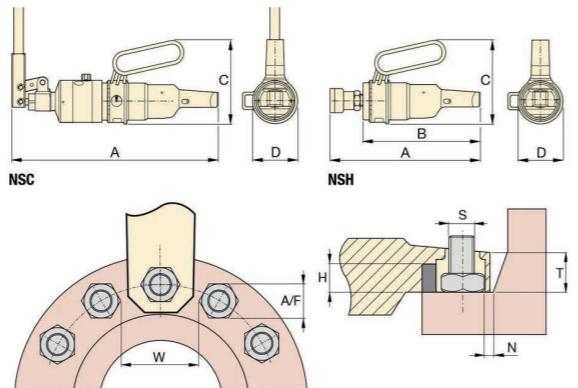
| Model | Max Cutting Force/Ton | Oil Capacity/cm ³ | Bolt Range | Hexagon Nut Range/mm | Replacement Blade No. | Weight/Kg | Dimension A/mm | Dimension B/mm | Dimension C/mm | Dimension D/mm | Dimension H/mm | Dimension N/mm | Dimension S/mm | Dimension T/mm | Dimension W/mm |
|---------|-----------------------|------------------------------|------------|----------------------|-----------------------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| NSC1927 | 12 | * | M12-M18 | 19-27 | NSH1927CTK | 5.8 | 353 | * | 152 | 81 | 18 | 11.5 | 24.5 | 26.5 | 53.5 |
| NSC2432 | 15 | * | M16-M22 | 24-32 | NSH2432CTK | 6.3 | 370 | * | 152 | 81 | 25 | 9 | 26.6 | 32 | 57.5 |
| NSH1927 | 12 | 46 | M12-M18 | 19-27 | NSH1927CTK | 3.5 | 258 | 213 | 152 | 81 | 18 | 11.5 | 24.5 | 26.5 | 53.5 |
| NSH2432 | 15 | 46 | M16-M22 | 24-32 | NSH2432CTK | 4 | 265 | 220 | 152 | 81 | 25 | 9 | 26.5 | 32 | 57.5 |
| NSH3646 | 20 | 80 | M24-M30 | 36-46 | NSH3646CTK | 6.9 | 290 | 239 | 169 | 93 | 34 | 16 | 39 | 44 | 83.5 |
| NSH5065 | 36 | 230 | M33-M42 | 50-65 | NSH5065CTK | 10.9 | 377 | 322 | 210 | 185 | 45 | 23 | 49.5 | 52 | 108 |
| NSH6575 | 50 | 328 | M42-M48 | 65-75 | NSH6575CTK | 24.5 | 396 | 345 | 220 | 202 | 54 | 27 | 61 | 65 | 135 |

Product Introduction(4)

▼ Hydraulic Nut Splitter



▼ Dimensions



- Quick and easy cutting tip replacement;
- Drop-tested revolving anchor point and safety lanyard;
- Revolving composite handle for vibration and shock isolation;
- Nut Splitters include a set of hexagon keys and the following spare parts:
 - cutting tip
 - tip retention screw
 - spare alignment screw
- Standard Safety Lanyard with each nut splitter. Includes steel cable with carabiners;
- 3/8NPT-18 female half coupler is standard;
- The maximum allowable hardness to split is ASTM A194 Gr 2H. Not to be used on square nuts or stainless steel.

Product Details(4)

▼ Series Comparison

| Model | Max Cutting Force/Ton | Oil Capacity/cm ³ | Bolt Range | Hexagon Nut Range/mm | Replacement Blade No. | Weight/Kg | Dimension A/mm | Dimension B/mm | Dimension C/mm | Dimension D/mm | Dimension H/mm | Dimension N/mm | Dimension S/mm | Dimension T/mm | Dimension W/mm |
|---------|-----------------------|------------------------------|------------|----------------------|-----------------------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| NSC1927 | 12 | * | M12-M18 | 19-27 | NSH1927CTK | 5.8 | 353 | * | 152 | 81 | 18 | 11.5 | 24.5 | 26.5 | 53.5 |
| NSC2432 | 15 | * | M16-M22 | 24-32 | NSH2432CTK | 6.3 | 370 | * | 152 | 81 | 25 | 9 | 26.6 | 32 | 57.5 |
| NSH1927 | 12 | 46 | M12-M18 | 19-27 | NSH1927CTK | 3.5 | 258 | 213 | 152 | 81 | 18 | 11.5 | 24.5 | 26.5 | 53.5 |
| NSH2432 | 15 | 46 | M16-M22 | 24-32 | NSH2432CTK | 4 | 265 | 220 | 152 | 81 | 25 | 9 | 26.5 | 32 | 57.5 |
| NSH3646 | 20 | 80 | M24-M30 | 36-46 | NSH3646CTK | 6.9 | 290 | 239 | 169 | 93 | 34 | 16 | 39 | 44 | 83.5 |
| NSH5065 | 36 | 230 | M33-M42 | 50-65 | NSH5065CTK | 10.9 | 377 | 322 | 210 | 185 | 45 | 23 | 49.5 | 52 | 108 |
| NSH6575 | 50 | 328 | M42-M48 | 65-75 | NSH6575CTK | 24.5 | 396 | 345 | 220 | 202 | 54 | 27 | 61 | 65 | 135 |

Flange Alignment Tool

Product Introduction



- The FA1TM Mechanical Flange Alignment Tool is a simple solution to smaller diameter lower pressure flange joint misalignment;
- The FA1TMSTD Set includes:
 - 1 x FA1TM Tool
 - 1 x Mini Ratchet Strap
 - 1 x Instruction Manual



- The FA4TM Mechanical Linear & Rotational Alignment Tool is a simple solution to medium-diameter, medium-pressure flange joint misalignment;
- The FA4TMSTD Set includes:
 - 1 x FA4TM Tool
 - 1 x 68N · m (50ft · lb) Torque Wrench
 - 1 x 22mm Socket
 - 1 x Ratchet Strap
 - 1 x Instruction Manual
 - 1 x Carry-Case



- The FA9TE Hydraulic Linear & Rotational Flange Alignment Tool is a simple solution to large-diameter high-pressure flange joint misalignment;
- The FA9TESTD Set includes:
 - 1 x FA9TE Tool including Hydraulic Cylinder
 - 1 x Carry-Case
 - 1 x Instruction Manual
 - 1 x Ratchet & Strap



- The FA9TM Hydraulic Linear & Rotational Flange Alignment Tool is a simple solution to large-diameter high-pressure flange joint misalignment; Built-in Integral hydraulic pump,no need for extra hand pump and hoses;
- The FA9TMSTD Set includes:
 - 1 x FA9TM Tool
 - 1 x Instruction Manual
 - 1 x Carry-Case
 - 1 x Ratchet & Strap

Product Details

▼ Series Comparison

| Model | Alignment Capacity(Ton) | Min. Bolt Size(mm) | Min. Bolt Size(inch) | Flange Thickness(mm) | Flange Thickness(inch) | Type | Weight (kg) |
|----------|-------------------------|--------------------|----------------------|----------------------|------------------------|--------------------|-------------|
| FA1TMSTD | 1 | 16 | 0.63 | 14-82 | 0.55-3.29 | Mechanical | 2 |
| FA4TMSTD | 4 | 24 | 0.95 | 30-133 | 1.18-5.23 | Mechanical | 8.6 |
| FA9TMSTD | 10 | 31.5 | 1.24 | 93-228 | 3.66-9 | Integral Hydraulic | 16.5 |
| FA9TESTD | 10 | 31.5 | 1.24 | 93-228 | 3.66-9 | Split Hydraulic | 16.5 |

Flange Alignment Tool Set

Product Introduction

Flange Alignment Tool Set



- Assists in aligning / de-ovalizing large flanges;
- Helps resolve bolt-hole misalignment within tower sections of wind towers;
- It can be used both on and offshore;

The TFA12TEMIN Set Includes:

- | | |
|------------------------|--------------------|
| 1 x TFA12TE Tool | 1 x Safety Lanyard |
| 1 x Instruction Manual | 1 x Carry Case |

The TFA15TEMIN Set Includes:

- | | |
|------------------------|--------------------|
| 1 x TFA15TE Tool | 1 x Safety Lanyard |
| 1 x Instruction Manual | 1 x Carry-Case |

The RIVERLAKE integral hydraulic flange alignment tool assists in aligning / de-ovalizing large flanges and specifically can help resolve bolt-hole misalignment within the tower sections of wind turbines;

TFA12TISTD Set includes:

- | | |
|------------------|------------------------|
| 1 x TFA12TI Tool | 1 x Instruction Manual |
| 1 x Hard Case | |

TFA15TISTD Set includes:

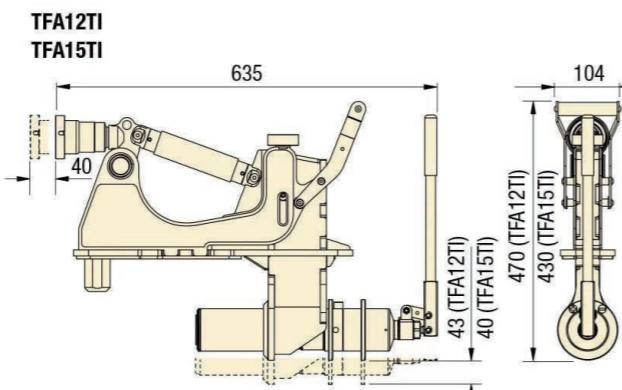
- | | |
|------------------|------------------------|
| 1 x TFA15TI Tool | 1 x Instruction Manual |
| 1 x Hard Case | |

Product Details

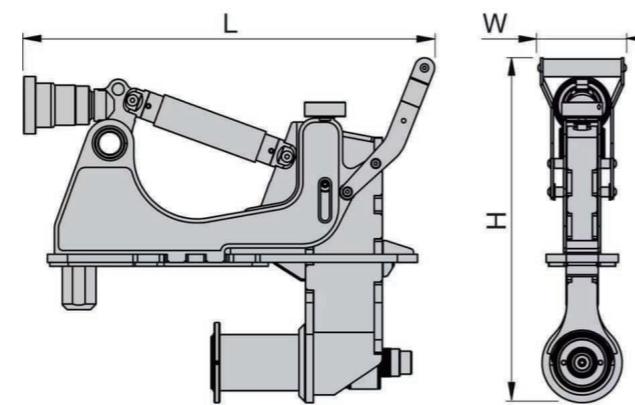
Series Comparison

| Model | Max Reaction Force(Ton) | Min. Bolt Size (mm) | Reaction Force 1 Min(Ton) | Reaction Force 1 Max(Ton) | Reaction Force 2 Min(Ton) | Reaction Force 2 Max(Ton) | Bolt Hole Dia B | Misalignment Min(mm) M | Misalignment Max(mm) M | Rise Min(mm) R | Rise Max(mm) R | Pile Leg Drop Min(mm) D | Pile Leg Drop Max(mm) D | Wing Reach Min(mm) W | Wing Reach Max(mm) W | Reaction Spacing(mm) H | Height(mm) m | Width(mm) m | Length(mm) m | Weight (kg) |
|------------|-------------------------|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------|------------------------|------------------------|----------------|----------------|-------------------------|-------------------------|----------------------|----------------------|------------------------|--------------|-------------|--------------|-------------|
| TFA4TMSTD | 4 | 25 | 0.4 | 1 | 3 | 4 | 25 | 0 | 54 | 0 | 54 | 25 | 106 | 45 | 178 | 245 | 274 | 51 | 344 | 18 |
| TFA12TEMIN | 24 | 45 | 10 | 12 | 22 | 24 | 45 | 0 | 65 | 144 | 243 | 90 | 132 | 160 | 200 | 200 | 470 | 104 | 513 | 28.4 |
| TFA15TEMIN | 27 | 45 | 9 | 12 | 24 | 27 | 45 | 0 | 65 | 144 | 243 | 90 | 132 | 120 | 160 | 200 | 430 | 104 | 513 | 28 |
| TFA12TISTD | 24 | 45 | 10 | 12 | 22 | 24 | 45 | 0 | 65 | 150 | 250 | 83 | 123 | 160 | 203 | 200 | 470 | 104 | 635 | 31 |
| TFA15TISTD | 27 | 45 | 9 | 12 | 24 | 27 | 45 | 0 | 65 | 150 | 250 | 83 | 123 | 120 | 160 | 200 | 430 | 104 | 635 | 30.6 |

Dimensions



TFA12TE, TFA15TE



Flange Spreader

Product Introduction

Flange Spreader



(1)

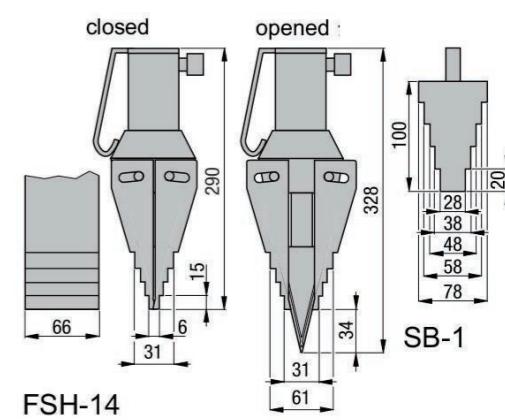


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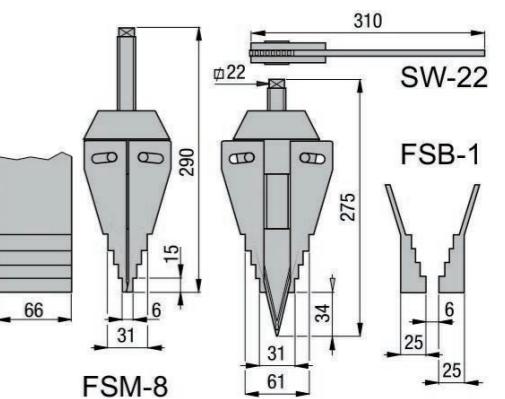
- The hydraulic flange spreader is available as a set(pump, tool, gauge, gauge adapter, couplers, and hose) for your ordering convenience;
- Suitable for maintenance, overhaul, testing, and valve replacement applications;
- Integrated wedge design: friction-free, smooth, and parallel wedge movement eliminates flange damage and prevents spreading arm failure;
- Unique interlocking wedge design: no first step bending and risk of slipping out of joint;
- Require very small access of only a 6mm gap;
- Stepped spreader arm design: each step can spread under full load;
- 42CrMnMo Material.

Dimensions



(2)

- 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 a very small access gap of only 6mm;
- Stepped spreader arm design: each step can spread under full load;
- Few moving parts mean durability and low maintenance;
- Safety block SB1 and ratchet spanner SW22 included.



Product Introduction

▼ STF14H, 14 Ton Hydraulic Flange Spreader Set



Sets includes:

1pcs x FSH14 flange spreader
1pcs x GA45GC pressure gauge assembly
1pcs x HC7206C hydraulic hose
1pcs x P391 handle pump
1pcs x plastic tool case

▼ FSH14M, 14 Ton Hydraulic Flange Spreader Set



Sets includes:

2pcs x FSH14 flange spreader
1pcs x HC7203C hydraulic hose
2pcs x HC7206C hydraulic hose
1pcs x AM21 manifold with CR400 couplers
1pcs x P391 handle pump
1pcs x plastic tool case

Product Details

▼ Series Comparison

| Model Number | Max Spreading Force/Ton | Tip Clearance/mm | Max Spread/mm | Spreader Type | Oil Capacity/cm ³ | Weight/Kg |
|--------------|-------------------------|------------------|---------------|---------------|------------------------------|-----------|
| FSH14 | 14 | 6 | 81 | Hydraulic | 78 | 7.1 |
| FSM8 | 8 | 6 | 81 | Mechanical | * | 6.5 |

Hydraulic Flange Spreader

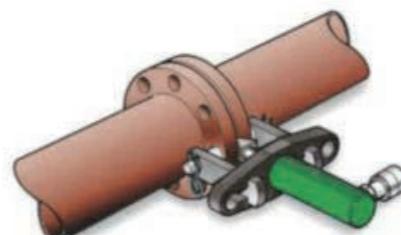
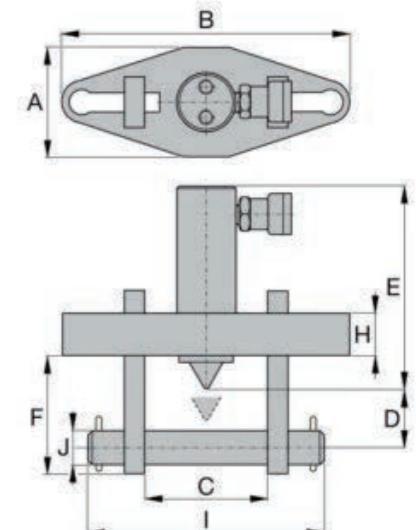
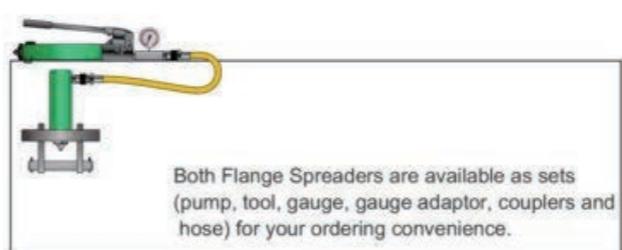
Product Introduction

▼ Hydraulic Flange Spreader



- Lightweight, ergonomic design for easy operation;
- Adjustable jaw widths from 70mm to 216mm for a wide range of applications;
- Single-acting spring return RC hydraulic cylinder for fast operation.

▼ Dimensions



Product Details

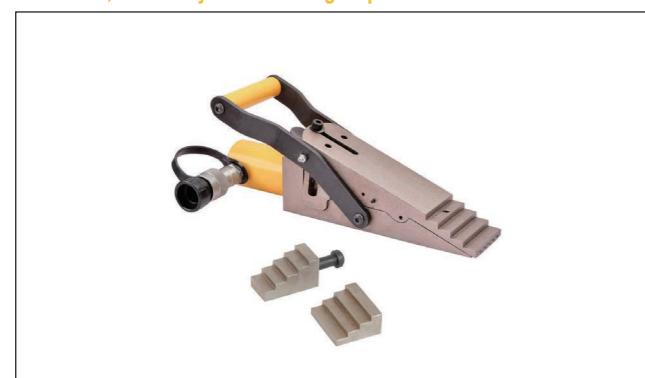
▼ Series Comparison

| Model | Capacity /Ton | Max Flange Thickness/mm | Standard Wedge/mm | Stud Size/mm | Stroke/mm | Oil Capacity/cm ³ | Weight/Kg | Dimension A/mm | Dimension B/mm | Dimension C/mm | Dimension D/mm | Dimension E/mm | Dimension F/mm | Dimension G/mm | Dimension H/mm | Dimension I/mm | Dimension J/mm |
|-------|---------------|-------------------------|-------------------|--------------|-----------|------------------------------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| FS56 | 5 | 2X57 | 2-28 | 19-28 | 38 | 24.6 | 11.5 | 76 | 209 | 70 | 32 | 196 | 88 | 25 | 206 | 19 | |
| FS109 | 10 | 2X92 | 3-28 | 31-41 | 54 | 78.7 | 18.1 | 108 | 279 | 104 | 50 | 152 | 114 | 38 | 273 | 31 | |

LW16, 16 Ton Hydraulic Wedge Spreader

Product Introduction

▼ LW16-16 Top Hydraulic Wedge Spreader

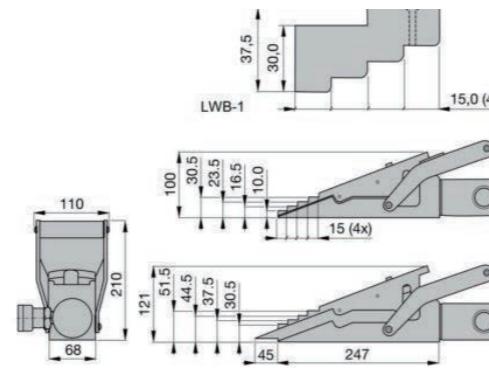


- Minimized access gap for greater accessibility on applications with limited insertion space;
 - Secure, stable lifting and lowering motion with no slippage;
 - A single-acting spring return cylinder allows for automatic, mechanical retraction;
 - Includes safety block SB2;

It can be used in multiple setups.

Dimensions

- For lifting heavy equipment with minimum floor clearance the LW.i6 is the ideal tool.



LW-18,Integral Hydraulic Wedge Spreader

Product Introduction

▼ LW-18.Integral Hydraulic Wedge Spreader



- Integral Vertical Lifting Wedge;
 - Requires very small access gap of 10mm
 - Each step can spread under full load;
 - Includes safety block SB2;
 - Single acting, spring return.

Product Detail

▼ Specification

| Model Number | Max Lifting Force/Ton | Tip Clearance/mm | Max Spread/mm | Spreader Type | Lifting Stroke/mm | Oil Capacity/cm | Weight/Kg |
|--------------|-----------------------|------------------|---------------|--------------------|-------------------|-----------------|-----------|
| LW16 | 16 | 10 | 81 | Split Hydraulic | 21 | 78 | 9 |
| LW18 | 16 | 10 | 81 | Integral Hydraulic | 21 | * | 12 |

WR5, 1 Ton Hydraulic Wedge and Spread Cylinder

Product Introduction

▼ WR5, 1 Ton Hydraulic Wedgie and Spread Cylinder



- When you need a compact hydraulic wedge spreader for tight spaces the WR5 is the optimum choice. This single-acting tool uses powerful hydraulic force to expand up to 3.7" (94mm) and retracts with a spring return system;
 - Please note that the maximum load capacity is 1-ton (8.9kN), and the maximum system pressure must be limited to half the rated pressure (5000 psi 350 bar).

Product Detail

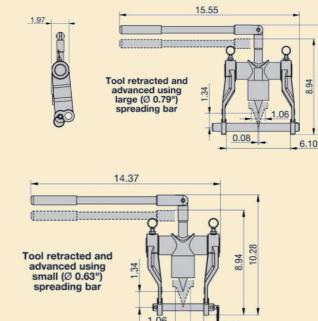
▼ Specification

| Model Number | Max Spreading Force/Ton | Tip Clearance/mm | Max Spread/mm | Spreader Type | Stroke/mm | Cylinder Effective Area /cm ² | Weight/Kg |
|--------------|-------------------------|------------------|---------------|-----------------|-----------|--|-----------|
| WR5 | 1 | 12.8 | 94 | Split Hydraulic | 8.9 | 6.5 | 2.3 |

MG7TMSTD, 7 Ton, Mini-Gap Flange Spreader



- For use on smaller, lower pressure flange joints if the flange joint you are working on has an access gap of 2.0mm (0.08"). The tool will provide 7 ton of spreading force. It is recommended that tools are used in pairs giving: 14 tons of spreading force.
 - A reversible leg design gives a greater range of applications
 - Unique double-angled wedge produces great spreading force without reducing the spreading distance
 - Robust lightweight tool
 - Locks on to flange joint
 - 1 x MG7TM Tool
 - 2 x Spreading Bar
 - Gross Set Weight: 11,5 kg



| Model Number | Max Lifting Force/Ton | Tip Clearance/mm | Max Spread/mm | Spreader Type | Weight/Kg |
|--------------|-----------------------|------------------|---------------|---------------|-----------|
| MG7TMSTD | 7 | 2 | 27 | Mechanical | 11.5 |

Flange Spreader

Product Introduction

▼ SWi2025TE, 24 Ton Hydraulic Flange Spreader



- Practical, portable, and lightweight;
- Revolving handle to aid horizontal or vertical spreading;
- Removable handle for improved access;
- No finger pinch-point;
- Increased step-depth on upper steps;
- Safety lanyard – 1,0 m length;
- Forged key components for strength and reliability;
- Rapid disassembly and assembly;
- Narrow jaw teeth – improved tool wear.

▼ SWi2025TEMAXSPB, 24 Ton, External Hydraulic Flange Spreader Maxi Set



- Maxi Set Includes:
 - 2 x SWi20/25TE Flange Spreader Wedgehead
 - 2 x 10,000 psi Hydraulic Cylinder
 - 2 x Safety Block
 - 2 x Lanyard
 - 2 x 1 x 10,000 psi (700 bar) Hydraulic Hose, 78.8" (2 m) with 90 degree elbow
 - 1 x 10,000 psi (700 bar) HP550D Twin-Port Sealed Hand Pump with Gauge
- Case dimensions (in) 36.6 x 23.6 x 7.1

▼ SWi2025TESTDSPB, 24 Ton, External Hydraulic Flange Spreader Single Wedge & Pump Set



- Set Includes:
 - 1 x SWi20/25TE Flange Spreader Wedgehead
 - 1 x 10,000 psi Hydraulic Cylinder
 - 1 x Safety Block
 - 1 x Lanyard
 - 1 x 1 x 10,000 psi (700 bar) Hydraulic Hose, 78.8" (2 m) with 90 degree elbow
 - 1 x 10,000 psi (700 bar) 350S Single-Port Sealed Hand Pump with Gauge
- Case dimensions (in) 26.8 x 22 x 7.1

Product Introduction

▼ SWi12/14TM, 14 Ton Mechanical Flange Spreader



- Kit Includes:
 - 1 x SWi12/14TM Mechanical Flange Spreader Wedgehead
 - 1 x SWi12/14TM Mechanical Flange
 - 1 x 12/14TM Mechanical Cylinder
 - 1 x (230N.m) Torque Wrench with 22mm Socket
 - 1 x Set of Safety Blocks
 - 1 x Pair of Stepped Blocks
 - 1 x Lanyard
 - 1 x Hex Key
 - 1 x Instruction Manual
 - 1 x Plastic Carry Case

▼ SWi5TE-S, 8.7 Ton, External Hydraulic Flange Spreader



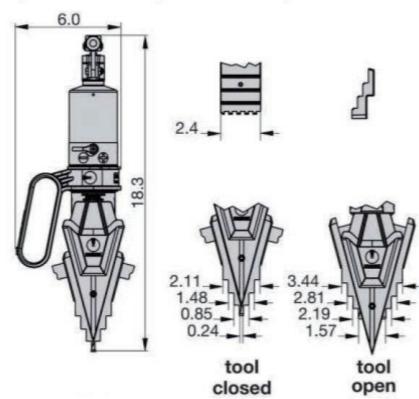
- Set Includes:
 - 1 x SWi5TE Flange Spreader Wedgehead
 - 1 x 10,000 psi Hydraulic Cylinder
 - 1 x Safety Block
 - 1 x Lanyard
- Case dimensions (in) 22.8 x 13.4 x 7.1
- User Features
- Practical, portable and lightweight
 - Moulded plastic handle for comfort
 - Revolving handle to aid horizontal or vertical spreading
 - Removable handle for improved access
 - Safety Features
 - No finger pinch-points
 - Increased step depth on upper steps
 - Safety lanyard – 39 inches (1 m) length
 - Forged key components for strength and reliability
 - Maintenance Features
 - Rapid disassembly and assembly
 - Narrow jaw teeth – improved tool wear

Specification

| Model | Capacity/Ton | Maximum Spread/mm | Tip Clearance/mm | Jaw Width/mm | Oil Capacity/cm ³ | Power | Weight/Kg |
|-----------------|--------------|-------------------|------------------|--------------|------------------------------|-----------------------|-----------|
| SWi2025TE | 24 | 103,5 | 6 | 60 | 250 | Split Hydraulic Power | 15 |
| SWi2025TEMAXSPB | 24 | 103,5 | 6 | 60 | 250 | Split Hydraulic Power | 33 |
| SWi2025TESTDSPB | 24 | 103,5 | 6 | 60 | 250 | Split Hydraulic Power | 20.7 |
| SWi12/14TM | 14 | 103,5 | 6 | 60 | * | Mechanical | 13 |
| SWi5TE-S | 8.7 | 101 | 4 | 50 | * | Split Hydraulic Power | 10.5 |

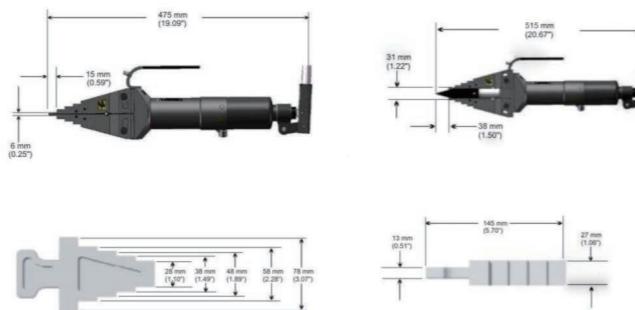
Product Introduction

▼ SWI20/25TI, 24 Ton Integral Hydraulic Flange Spreader



- Tool Kit Inclusions:
 - 1 x SWI20/25TI Flange Spreader Wedgehead
 - 1 x 10,000psi (700bar) Integral Hydraulic Pump/Cylinder
 - 1 x Set of Safety Blocks
 - 1 x Pair of Stepped Blocks
 - 1 x Lanyard
 - 1 x Hex Key
 - 1 x Carry-Strap
 - 1 x Instruction Manual
 - 1 x Carry Case

▼ SWI14.5TI, 14.5 Ton Integral Hydraulic Flange Spreader



- Tool Kit Inclusions:
 - 1 X SWI14.5TI Wedgehead
 - 1 X 700bar Integral Hydraulic Pump/Jack
 - 1 X Safety Block; 1 X Pair of Stepped Blocks
 - 1 X Carry Strap; 1 X Carry Case.

Product Introduction

▼ SWI5TI-S, 8.7 Ton, Integral Hydraulic Flange Spreader Set



- Set Includes:
 - 1 x SWI5TI Flange Spreading Tool
 - 1 x Standard Safety Block
 - 1 x Lanyard
 - 1 x Moulded Plastic Carry Case with protective foam inserts
- User Features
 - Practical, portable and lightweight
 - Moulded plastic handle for comfort
 - Revolving handle to aid horizontal or vertical spreading
 - Removable handle for improved access
- Safety Features
 - No finger pinch-points
 - Increased step depth on upper steps
 - Safety lanyard – 39 inches (1 m) length
 - Forged key components for strength and reliability
- Maintenance Features
 - Rapid disassembly and assembly
 - Narrow jaw teeth – improved tool wear

Product Details

▼ Specification

| Model | Capacity/Ton | Maximum Spread/mm | Tip Clearance/mm | Jaw Width/mm | Oil Capacity/cm ³ | Power | Weight/Kg |
|------------|--------------|-------------------|------------------|--------------|------------------------------|-------------------------|-----------|
| SWI20/25TI | 24 | 103.5 | 6 | 60 | * | Integral Hydraulic Type | 18.1 |
| SWI14.5TI | 14.5 | 81 | 6 | * | * | Integral Hydraulic Type | 10 |
| SWI5TI-S | 8.7 | 101 | 4 | 50 | * | Integral Hydraulic Type | 10.5 |

Product Introduction

▼ SWI5TE, 15 Ton Hydraulic Flange Spreader



- The hydraulic flange spreader is available as a set (pump, tool, gauge, gauge adapter, couplers, and hose) for your ordering convenience;
- Suitable for maintenance, overhaul, testing, and valve replacement applications;
- Integrated wedge design: friction-free, smooth, and parallel wedge movement eliminates flange damage and prevents spreading arm failure;
- Unique interlocking wedge design: no first step bending and risk of slipping out of joint;
- Require very small access of only a 6mm gap;
- Stepped spreader arm design: each step can spread under full load.

Product Introduction

▼ SW9TM, 9 Ton, Mechanical Industrial Spreader



- Flange spreading force 9 ton;
- Spreading distance 81 mm;
- The minimum required gap is 6 mm;
- The tool is maintenance free;
- Protected against corrosion;
- It is used with a 200 N.m torque wrench;
- Ergonomic – lightweight, easy use;
- It can be operated individually or in pairs;
- Used for safely opening pipe flanges.

Product Details(8)

▼ Specification

| Model Number | Max Spreading Force/Ton | Tip Clearance/mm | Max Spread/mm | Spreader Type | Oil Capacity/cm ³ | Weight/Kg |
|--------------|-------------------------|------------------|---------------|---------------|------------------------------|-----------|
| SW15TE | 15 | 6 | 81 | Hydraulic | 79 | 14 |
| SW9TM | 9 | 6 | 81 | Mechanical | * | 7.5 |

FC10TESTD, 10 ton, Flange Closing Tool

Product Introduction

▼ FC10TESTD, 10 ton, Flange Closing Tool



- This tool is used to assist with flange maintenance and installation of pipe flange assemblies;
- FC10TE Hydraulic Flange Pulling Tool is used to close any flange with a bolt hole size of 22mm (7/8 inch) and above. It is recommended to use in pairs to produce a maximum pulling force of 20T;
- The closing distance of the tool can reach 600mm.

Product Details(9)

▼ Specification

| Model | Capacity (Ton) | Max Closing Distance(mm) | Min. Bolt Size(mm) | Type | Weight(Kg) |
|-----------|----------------|--------------------------|--------------------|-----------|------------|
| FC10TESTD | 10 | 600 | 22 | Hydraulic | 23.5 |

Secure-Grip Flange Spreader

Product Introduction

▼ Mechanical Secure-Grip Flange Spreader



▼ Hydraulic Secure-Grip Flange Spreader



SG4TMSTD, 4 Ton Set Includes:

- 1 x SG4TM Tool
- 1 x 150 mm Vernier Calliper
- 1 x 3/8" Drive Torque Wrench and 16 mm Socket
- 1 x Safety Block
- 2 x M16 (5/8") Collets
- 2 x M20 (3/4") Collets
- 1 x Instruction Manual
- 1 x Carry Case with protective foam inserts

SG13TESTD, 13 ton Set Includes:

- 1 x SG13TE Tool c/w Hydraulic Cylinder
- 1 x 10,000 psi (700 bar) HP 550S Sealed Hand Pump with Gauge
- 1 x 10,000 psi (700 bar) Hydraulic Hose, 78.7" (2 m)
- 1 x 6" (150 mm) Vernier Calliper
- 1 x 1/2" Square Drive Flexible Handle
- 1 x 1 1/8" (30 mm) Socket
- 1 x Safety Block
- 2 x M39 (1 1/2") Collets
- 2 x M42 (1 5/8") Collets
- 2 x M45 (1 3/4") Collets
- 1 x Instruction Manual
- 1 x Carry Case with protective foam inserts

SG6TMSTD, 6 Ton Set Includes:

- 1 x SG6TM Tool
- 1 x 6" (150 mm) Vernier Calliper
- 1 x 3/8" Drive Torque Wrench and 21 mm Socket
- 1 x Safety Block
- 2 x M24 (7/8") Collets
- 2 x M27 (1") Collets
- 1 x Instruction Manual
- 1 x Carry Case with protective foam inserts

SG15TESTD, 15 ton Set Includes:

- 1 x SG15TE Tool c/w Hydraulic Cylinder
- 1 x 10,000 psi (700 bar) HP 550S Sealed Hand Pump with Gauge
- 1 x 10,000 psi (700 bar) Hydraulic Hose, 78.7" (2 m)
- 1 x 12" (300 mm) Vernier Calliper
- 1 x 1/2" Square drive flexible handle
- 1 x 1 1/2" (36 mm) Drive Socket
- 1 x Safety Block
- 2 x M48 (1 7/8") Collets
- 2 x M52 (2") Collets
- 2 x M56 (2 1/4") Collets
- 1 x Instruction Manual
- 1 x Carry Case with protective foam inserts

SG11TMSTD, 11 Ton Set Includes:

- 1 x SG11TM Tool
- 1 x 6" (150 mm) Vernier Calliper
- 1 x 1 1/2" Drive Torque Wrench and 24 mm Socket
- 1 x Safety Block
- 2 x M30 (1 1/8") Collets
- 2 x M33 (1 1/4") Collets
- 2 x M36 (1 3/8") Collets
- 1 x Instruction Manual
- 1 x Carry Case with protective foam inserts

Secure-Grip Flange Spreader

Product Introduction

▼ Hydraulic Secure-Grip Flange Spreader



SG18TESTD, 18 ton Set Includes:

1 x SG18TE Tool c/w Hydraulic Cylinder
1 x Spreading plug
1 x 10,000 psi (700 bar) HP550S Sealed Hand Pump with Gauge
1 x 10,000 psi (700 bar) Hydraulic Hose, 78.7" (2 m)
1 x 12" (300 mm) Vernier Calliper
1 x 0.5" (12.5 mm) Spacer Plate
1 x 5 mm Allen Key
1 x 2.0" (50 mm) Spacer
1 x Safety Block
2 x M60 (2 3/8") Collets
2 x M64 (2 1/2") Collets
2 x M70 (2 3/4") Collets
1 x Instruction Manual
1 x Carry Case with protective foam inserts

SG25TESTD, 25 ton Set Includes:

1 x SG25TE Tool c/w Hydraulic Cylinder
1 x Spreading plug
1 x 10,000 psi (700 bar) HP550S Sealed Hand Pump with Gauge
1 x 10,000 psi (700 bar) Hydraulic Hose, 78.7" (2 m)
1 x 12" (300 mm) Vernier Calliper
1 x Spacer Plate
1 x Safety Block
1 x Instruction Manual
1 x Carry Case with protective foam inserts

Product Details

▼ Specification

| Model | Capacity(Ton) | Max Spread (mm) | Tip Clearance(mm) | Type | Usable On Flanges Specified To Accept The Following Bolt Sizes | Oil Capacity (cm ³) | Weight(Kg) |
|-----------|---------------|-----------------|-------------------|------------|--|---------------------------------|------------|
| SG4TMSTD | 4 | 75 | 0 | Mechanical | M16,M20,5/8",3/4" | * | 12.8 |
| SG6TMSTD | 6 | 80 | 0 | Mechanical | M24,M27,7/8",1" | * | 16 |
| SG11TMSTD | 11 | 90 | 0 | Mechanical | M30,M33,M36,1 1/8",1 1/4",1 3/8" | * | 20 |
| SG13TESTD | 13 | 115 | 0 | Hydraulic | M39(1 1/2"),N42(1 5/8"),M45(1 3/4") | 300 | 40.5 |
| SG15TESTD | 15 | 100 | 0 | Hydraulic | M48(1 7/8"),M52(2"),M56(2 1/4") | 400 | 45 |
| SG18TESTD | 18 | 100 | 0 | Hydraulic | M60(2 3/8"),M64(2 1/2"),M70(2 3/4") | 400 | 45 |
| SG25TESTD | 25 | 120 | 0 | Hydraulic | M76(3"),M80(3 1/4"),M84(3 3/8"),M90(3 1/2"),M95(3 3/4"),M100(4") | 500 | 50 |

Hydraulic Puller Set

Product Introduction

▼ Hydraulic Master Puller Set with Hand Pump



- All master puller sets include a grip puller, a cross-bearing puller, a bearing cup puller, and a bearing puller attachment, which can be ordered separately;
- Supplied with a fully hydraulic set including pump, hose, cylinder, gauge, gauge adaptor, and wooden case;
- High-quality, forged steel components provide superior reliability and service;
- Sets include speed crank and adjusting screw for fast contact to work before hydraulics are applied;
- These hydraulic pullers eliminate time-consuming and unsafe hammering, heating, or prying. Damage to parts is minimized through the use of controlled hydraulic power.

Product Details

▼ Series Comparison

| Model | Capacity(Ton) | Power Source | Hydraulic Cylinder | Saddle | Hydraulic Hose | Pressure Gauge | Gauge Adapter | Grip Puller | Cross Bearing Puller | Bearing Cup Puller | Bearing Puller | Wooden Box | Weight(Kg) |
|-----------|---------------|---------------------------|--------------------|---------|----------------|----------------|---------------|-------------|----------------------|--------------------|----------------|------------|------------|
| BHP-1752 | 14 | P-392 Hydraulic Hand Pump | RCH-1211 | * | HC-7206 | GF120B | GA3 | BHP-1762 | BHP-1772 | BHP-180 | BHP-181 | CM-6 | 37 |
| BHP-2751G | 20 | P-392 Hydraulic Hand Pump | RCH-202 | HP-2015 | HC-7206 | GF813B | GA3 | BHP-252 | BHP-262 | BHP-280 | BHP-282 | CW-350 | 90 |
| BHP-3751G | 30 | P-392 Hydraulic Hand Pump | RCH-302 | HP-3015 | HC-7206 | GF813B | GA3 | BHP-352 | BHP-362 | BHP-380 | BHP-382 | CW-350 | 172 |
| BHP-5751G | 50 | P-80 Hydraulic Hand Pump | RCH-603 | HP-5016 | HC-7206 | GF813B | GA3 | BHP-552 | BHP-562 | BHP-580 | BHP-582 | CW-750 | 298 |

Product Introduction(2)

▼ Hydraulic Grip Puller Set With Hand Pump



- RIVERLAKE grip puller sets provide precise hydraulic control allowing fast, efficient, and safe pulling;
- High-quality, forged steel components provide superior reliability and service;
- Includes hydraulic set;
- Warning Do not exceed 50% of the rated puller capacity when using a double crosshead (2 griparms) or puller legs in combination with a bearing puller attachment.

Product Details(2)

▼ Series Comparison

| Model | Capacity(Ton) | Working Pressure/Mpa | Hand Pump | Cylinder | Hose | Gauge | Gauge Adapter | Grip Puller | Weight/Kg |
|---------|---------------|----------------------|-----------|----------|-----------|--------|---------------|-------------|-----------|
| BHP152 | 8 | 70 | P141 | RCH121 | HB-7206QB | GF120B | GA4 | BHP1762 | 22 |
| BHP251G | 20 | 70 | P391 | RCH202 | HC-7206 | GF813B | GA3 | BHP252 | 56 |
| BHP351G | 30 | 70 | P391 | RCH302 | HC-7206 | GF813B | GA3 | BHP352 | 91 |
| BHP551G | 50 | 70 | P80 | RCH603 | HC-7206 | GF813B | GA3 | BHP552 | 160 |