Power and Precision
High Performance
Nut Splitter
NS-Series, Hydraulic Nut Splitters

Power and Precision

High Performance Nut Splitter

• Specially designed to suit standard ANSI B16.5 / BS1560 flanges
• Single-acting, spring return cylinder
• Tri-blade technology provides three cutting surfaces on a single blade
• Interchangeable heads provide maximum nut range flexibility
• Preset scale allows controlled blade extension, which avoids damage to bolt threads
• Grip tape and handle included for more secure maneuverability
• Nickel-plated cylinder body for excellent corrosion protection and improved durability in harsh environments
• Internal Pressure Relief Valve for overload protection

Hydraulic Nut Cutters
The NC-Series models are available featuring an angle-head design for 0.50"-2.88" hexagon nuts.

FS-Series Spreaders
FS-Series Flange Spreaders provide quick and easy joint separation using hydraulic or mechanical force.

ATM Flange Alignment Tools
The ATM series provides safe high-precision flange alignment tools that fit most commonly used ANSI, API, BS, and DIN flanges.

Heavily corroded and weathered nuts are quickly split and removed using an NS-Series Nut Splitter.
Hydraulic Nut Splitters

### Nut Splitter Sets
To provide maximum flexibility, NS-Series Nut Splitters can also be ordered in sets (NS-xxxSy).
Select Nut Splitter size and pump style from the chart below.
To order additional Cutting Heads (NSH-xxxxx), Cylinders (NSC-xxx) or Replacement Blades (NSB-xxx), see Selection Chart below.

### SET SELECTION:
1. Select your Nut Splitter
2. Select your pump type

### NS Series

- **Capacity:** 103.2-192.5 tons
- **Hexagon Nut Range:** 2.75-5.38 inches
- **Maximum Operating Pressure:** 10,000 psi

### Selection Chart

<table>
<thead>
<tr>
<th>Available Set Model Number</th>
<th>Nut Splitter Model Number</th>
<th>Pump Options</th>
<th>Accessories Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS-70105SH</td>
<td>NS-70105</td>
<td>P392</td>
<td>-</td>
</tr>
<tr>
<td>NS-70105SA</td>
<td>NS-70105</td>
<td>-</td>
<td>XA-11G</td>
</tr>
<tr>
<td>NS-70105SE</td>
<td>NS-70105</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>NS-110130SH</td>
<td>NS-110130</td>
<td>P802</td>
<td>-</td>
</tr>
<tr>
<td>NS-110130SA</td>
<td>NS-110130</td>
<td>-</td>
<td>XA-11G</td>
</tr>
<tr>
<td>NS-110130SE</td>
<td>NS-110130</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*XA11G pump features an integrated pressure gauge.

### Hexagon Nut Range

- **Model Number:** NS-7080
- **Dimensions:** A: 5.2, B: 5.1, C: 7.1
- **Weight:** 16.2 lbs
- **Accessories:** NS Cylinder: 81.4 lbs, NS Cutting Head: NSH-70105

### Hexagon Nut Range

<table>
<thead>
<tr>
<th>Hexagon Nut Range**</th>
<th>Bolt Range</th>
<th>Cap. (ton)</th>
<th>Oil Cap. (in³)</th>
<th>Model Number*</th>
<th>Dimensions (in)</th>
<th>Weight (lbs)</th>
<th>NS Cylinder</th>
<th>NS Cutting Head</th>
<th>Replacement Blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.75-3.13</td>
<td>1.75-2.00</td>
<td>103.2</td>
<td>23.0</td>
<td>NS-7080</td>
<td>A: 5.2, B: 5.1, C: 7.1, D: 0.3, E: 3.2, F: 7.3, G: 16.2</td>
<td>81.4</td>
<td>NS-7080</td>
<td>NSH-70105</td>
<td>NSB-70</td>
</tr>
<tr>
<td>2.75-3.50</td>
<td>1.75-2.25</td>
<td>103.2</td>
<td>23.0</td>
<td>NS-7085</td>
<td>A: 5.7, B: 7.1, C: 0.3, D: 3.2, E: 7.7, G: 16.6</td>
<td>82.7</td>
<td>NS-7085</td>
<td>NSH-70105</td>
<td>NSB-70</td>
</tr>
<tr>
<td>2.75-3.88</td>
<td>1.75-2.50</td>
<td>103.2</td>
<td>23.0</td>
<td>NS-7095</td>
<td>A: 6.3, B: 7.1, C: 0.3, D: 3.2, E: 7.9, F: 17</td>
<td>84.9</td>
<td>NS-7095</td>
<td>NSH-70105</td>
<td>NSB-70</td>
</tr>
<tr>
<td>2.75-4.25</td>
<td>1.75-2.75</td>
<td>103.2</td>
<td>23.0</td>
<td>NS-70105</td>
<td>A: 6.9, B: 7.1, C: 0.4, D: 3.2, E: 8.2, F: 17.5</td>
<td>87.1</td>
<td>NS-70105</td>
<td>NSH-70105</td>
<td>NSB-70</td>
</tr>
<tr>
<td>4.25-4.63</td>
<td>2.75-3.00</td>
<td>192.5</td>
<td>50.0</td>
<td>NS-110115</td>
<td>A: 7.4, B: 1.4, C: 9.2, D: 0.1, E: 4.4, F: 9.2, G: 18.6</td>
<td>151.6</td>
<td>NS-110115</td>
<td>NSH-110115</td>
<td>NSB-110</td>
</tr>
<tr>
<td>4.25-5.38</td>
<td>2.75-3.50</td>
<td>192.5</td>
<td>50.0</td>
<td>NS-110130</td>
<td>A: 8.6, B: 1.6, C: 9.2, D: 0.1, E: 4.4, F: 9.5, G: 19.4</td>
<td>158.3</td>
<td>NS-110130</td>
<td>NSH-110130</td>
<td>NSB-110</td>
</tr>
</tbody>
</table>

*NS-Series Nut Splitters ship in two cases: One containing the NS Cylinder and one containing the NS Cutting Head. Assembly required.

**Maximum allowable hardness to split is HRc-44.
The Industrial Tools Line

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