SG13TE
SERURE-GRIP HYDRAULIC
FLANGE SPREADER

SPREADING FORCE:
10,000 psi (700 bar) = 13 T (130 kN) per tool
It is recommended that tools are used in pairs giving
2 x 13 = 26 T (260 kN)

SPREADING DISTANCE = 0-115mm (0-4.53”)
TOOL WEIGHT = 21.5kg (47.3 lbs)

KIT COMPONENTS
1 x SG13TE Tool c/w Hydraulic Cylinder
1 x 10,000 psi (700 bar) HP550S Sealed Hand Pump with Gauge
1 x 10,000 psi (700 bar) Hydraulic Hose, 2m (78.75”)
1 x 150mm (6”) Vernier Calliper
1 x Tommy Bar
1 x 30mm (1 1/8”) Drive 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
Product Code: SG13TESTD

WEIGHTS AND DIMENSIONS
Tool Weight = 21.5 kg (47.3 lbs)  Carry Case Dimensions:
Case Weight = 9 kg (19.8 lbs)  890 x 570 x 165mm (35.04” x 22.44” x 6.50”)
Gross Weight = 40.5 kg (89.2 lbs)

TOOL DIMENSIONS - CLOSED

TOOL DIMENSIONS - OPEN
SG13TE
SECURE-GRIP HYDRAULIC FLANGE SPREADER

RANGE OF APPLICATION

The SG13TE is usable on all standard flanges that have been specified to accept the following bolt sizes:
M39, M42, M45, 1 1/2", 1 5/8", 1 3/4"
This includes ANSI, DIN, SPO, ASME, API and BS flanges.

For a detailed range of application please request the Secure-Grip Hydraulic Operator Instruction Manual.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>CENTERING SPRING</td>
<td>402201-01</td>
<td>01 each</td>
</tr>
<tr>
<td>02</td>
<td>M39 COLLET</td>
<td>640101-01</td>
<td>01 each</td>
</tr>
<tr>
<td>03</td>
<td>M42 COLLET</td>
<td>640201-01</td>
<td>01 each</td>
</tr>
<tr>
<td>04</td>
<td>M45 COLLET</td>
<td>640301-01</td>
<td>01 each</td>
</tr>
<tr>
<td>05</td>
<td>COLLET HOLDER</td>
<td>640401-01</td>
<td>01 each</td>
</tr>
<tr>
<td>06</td>
<td>DRIVE CONE</td>
<td>640501-01</td>
<td>01 each</td>
</tr>
<tr>
<td>07</td>
<td>COLLET UNION</td>
<td>640601-01</td>
<td>01 each</td>
</tr>
<tr>
<td>08</td>
<td>COLLAR NUT</td>
<td>640901-01</td>
<td>01 each</td>
</tr>
<tr>
<td>09</td>
<td>M12 PLUNGER</td>
<td>641001-01</td>
<td>01 each</td>
</tr>
<tr>
<td>10</td>
<td>DRIVE TUBE</td>
<td>641601-01</td>
<td>01 each</td>
</tr>
<tr>
<td>11</td>
<td>M39 SPRING RING</td>
<td>642201-01</td>
<td>02 each</td>
</tr>
<tr>
<td>12</td>
<td>M42 SPRING RING</td>
<td>642401-01</td>
<td>02 each</td>
</tr>
<tr>
<td>13</td>
<td>M45 SPRING RING</td>
<td>642601-01</td>
<td>02 each</td>
</tr>
</tbody>
</table>