SG11TM
SECURE-GRIP MECHANICAL FLANGE SPREADER

SPREADING FORCE:
With 120 N·m (89 ft·lb) of torque applied: 11 T (110 kN)
It is recommended that tools are used in pairs giving:
2 x 11 T = 22 T (220 kN)

SPREADING DISTANCE: up to 90 mm (3.54”)
TOOL WEIGHT: 10.5 kg (23.1 lb)

KIT CONTENTS
1 x SG11TM Tool
1 x 150 mm (6”) Vernier Calliper
1 x 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

Product Code: SG11TMSTD

WEIGHTS AND DIMENSIONS

TOOL WEIGHT: 10.5 kg (23.1 lb)
Gross Kit Weight: 20 kg (44 lb)

Carry Case:
640 mm x 540 mm x 165 mm (25.2” x 21.3” x 6.5”)

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RANGE OF APPLICATION

The SG11TM is usable on all standard flanges that have been specified to accept the following bolt sizes:

- M30, M33, M36, 1 1/8”, 1 1/4”, 1 3/8”

This includes ANSI, DIN, SPO, ASME, API and BS flanges.

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

SPATIAL ENVELOPE

<table>
<thead>
<tr>
<th>DIMENSION</th>
<th>MEASURED FROM</th>
<th>MEASURED TO</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>F Flange Joint Thickness</td>
<td>Outside Face of Flange</td>
<td>Outside Face of Flange</td>
<td>96 mm (3.8&quot;)</td>
<td>240 mm (9.4&quot;)</td>
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<tr>
<td>V Valve/Spacer Thickness</td>
<td>Inside Face of Flange</td>
<td>Inside Face of Flange</td>
<td>*0 mm (0.0&quot;)</td>
<td>* 60 mm (2.4&quot;)</td>
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<tr>
<td>C Flange Clearance</td>
<td>Bolt-Hole Circle</td>
<td>Largest OD of Valve/Spacer</td>
<td>-</td>
<td>60 mm (2.4&quot;)</td>
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<tr>
<td>R Radial space</td>
<td>Bolt-Hole Circle</td>
<td>Closest Obstruction</td>
<td>240 mm (9.4&quot;)</td>
<td>-</td>
</tr>
<tr>
<td>A₁ Axial space (for installation)</td>
<td>Outside Face of Flange</td>
<td>Closest Obstruction</td>
<td>**223 mm (8.8&quot;)</td>
<td>-</td>
</tr>
<tr>
<td>A₂ Axial space (installed)</td>
<td>Inner Face of Flange</td>
<td>Closest Obstruction</td>
<td>258 mm (10.2&quot;)</td>
<td>-</td>
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</tbody>
</table>

*Short Collet Holder Kits (SCH) are available which can offer improved range of application.

** Collet Holders can also be dismantled and inserted through bolt-holes from opposite side.

Contact Equalizer International if your application does not appear to suit standard tools.