KIT CONTENTS

1 x SG4TM Tool
1 x 150 mm (6”) 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 insterts

Product Code: SG4TMSTD

SPREADING FORCE:
With 47 N·m (35 ft·lb) of torque applied: 3.7 T (37 kN)
It is recommended that tools are used in pairs giving:
2 x 3.7 T = 7.4 T (74 kN)

SPREADING DISTANCE: 0 mm - 75 mm (0” - 2.95”)

TOOL WEIGHT: 4.5 kg (9.9 lb)

WEIGHTS AND DIMENSIONS

TOOL DIMENSIONS - CLOSED

Tool Weight: 4.5 kg (9.9 lb)
Gross Kit Weight: 12.8 kg (28.2 lb)

TOOL DIMENSIONS - OPEN

Carry Case:
520 mm x 375 mm x 165 mm (20.5” x 14.8” x 6.5”)

info@equalizerinternational.com
www.equalizerinternational.com
RANGE OF APPLICATION

The SG4TM is usable on all standard flanges that have been specified to accept the following bolt sizes:

- M16, M20, 5/8”, 3/4”

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

*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.

<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>60 mm (2.4”)</td>
<td>185 mm (7.3”)</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>*0.0 mm (0.0”)</td>
<td>* 45 mm (1.8”)</td>
</tr>
<tr>
<td>C Flange Clearance</td>
<td>Bolt-Hole Circle</td>
<td>Largest OD of Valve/Spacer</td>
<td>-</td>
<td>50 mm (2.0”)</td>
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<tr>
<td>R Radial space</td>
<td>Bolt-Hole Circle</td>
<td>Closest Obstruction</td>
<td>170 mm (6.7”)</td>
<td>-</td>
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<tr>
<td>A₁ Axial space (for installation)</td>
<td>Outside Face of Flange</td>
<td>Closest Obstruction</td>
<td>**170 mm (6.7”)</td>
<td>-</td>
</tr>
<tr>
<td>A₂ Axial space (installed)</td>
<td>Inner Face of Flange</td>
<td>Closest Obstruction</td>
<td>200 mm (7.9”)</td>
<td>-</td>
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</tbody>
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