



EQUALIZERTM
INTERNATIONAL

FLANGE TOOL INNOVATION

PRODUCT DATA SHEET

SG15TE

SECURE-GRIP HYDRAULIC FLANGE SPREADER

SPREADING FORCE:

With 10,000 psi (700 bar) of hydraulic pressure:
15T (150kN) per tool

It is recommended that tools are used in pairs giving:
 $2 \times 15T = 30T (300kN)$

SPREADING DISTANCE: 0 - 100mm (0 - 3.94")

TOOL WEIGHT: 26kg (57.3lb)

KIT COMPONENTS

- 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, 2m (78.74")
- 1 x 300mm (12") Vernier Calliper
- 1 x 1/2" Square drive flexible handle
- 1 x 36mm (1/2") 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

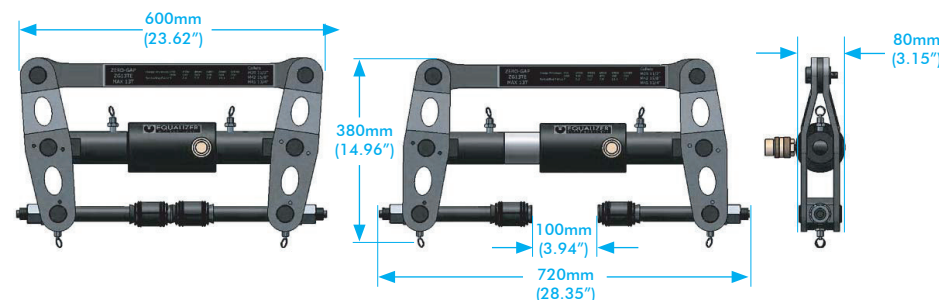
Product Code: SG15TESTD



WEIGHTS AND DIMENSIONS

TOOL DIMENSIONS - CLOSED

TOOL DIMENSIONS - OPEN



Tool Weight: 26Kg (57.3lb)
Case Weight: 9Kg (19.8lb)
Gross Kit Weight: 45Kg (99.2lb)

Carry Case Dimensions:
890mm x 570mm x 165mm
(35.04" x 22.44" x 6.50")

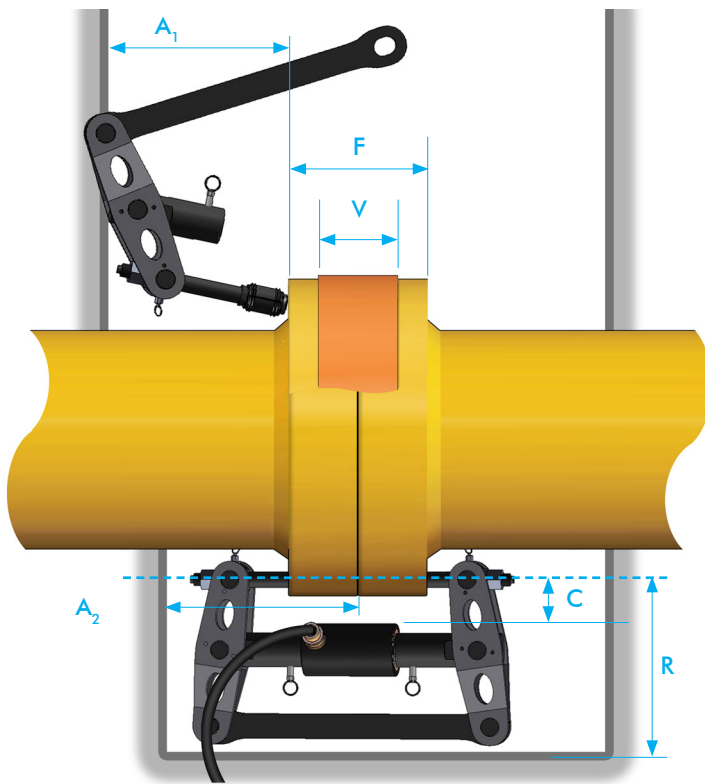
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RANGE OF APPLICATION

The SG15TE is usable on all standard flanges that have been specified to accept the following bolt sizes:
M48 (1 7/8"), M52 (2"), M56 (2 1/4")
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.

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.

	DIMENSION	MEASURED FROM	MEASURED TO	MINIMUM	MAXIMUM
F	Flange Joint Thickness	Outside Face of Flange	Outside Face of Flange	140mm (5.51")	400mm (15.75")
V	Valve/Spacer Thickness	Inside Face of Flange	Inside Face of Flange	*0.0mm (0.0")	*80mm (3.15")
C	Flange Clearance	Bolt-Hole Circle	Largest OD of Valve/Spacer	-	80mm (3.15")
R	Radial space	Bolt-Hole Circle	Closest Obstruction	370mm (14.57")	-
A ₁	Axial space (for installation)	Outside Face of Flange	Closest Obstruction	**380mm (**14.96")	-
A ₂	Axial space (installed)	Inner Face of Flange	Closest Obstruction	315mm (12.4")	-

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