

FLANGE TOOL INNOVATION

## PRODUCT DATA SHEET

# VC10/25TE

## HYDRAULIC SECURE-GRIP VALVE CHANGE-OUT TOOL

### SPREADING FORCE:

With 700 bar (10 000 psi): 100 kN (10 T)

It is recommended that tools are used in pairs giving:

$2 \times 100 \text{ kN} = 200 \text{ kN} (20 \text{ T})$

SPREADING STROKE: 151 mm (5.9")

TOOL-KIT WEIGHT: 58.0 kg (127.9 lb)

### KIT CONTENTS

Product Code: VC10/25TEMAX

#### TOOL-KIT (2 PER MAXI KIT)

- 1 x VC10/25TE Tool
- 1 x Instruction Manual
- 1 x Carry-Case with foam inserts

#### Carry-Case Dimensions:

550 mm x 1200 mm x 170 mm  
(21.7" x 47.2" x 6.7")

Tool-Kit Weight: 58.0 kg (127.9 lb)

#### PUMP-KIT (1 PER MAXI KIT)

- 1 x HP1000D Hydraulic Hand Pump
- 2 x Hydraulic Gauges with manifolds
- 2 x 2.0 m Hydraulic Hoses
- 2 x Secure Grip Safety Blocks
- 1 x Square Drive Flexible Handle
- 1 x Vernier Calliper
- 1 x Instruction Manual
- 1 x Carry-Case with foam inserts

#### Carry-Case Dimensions:

550 mm x 1200 mm x 170 mm  
(21.7" x 47.2" x 6.7")

Pump-Kit Weight: 30.0 kg (66.1 lb)

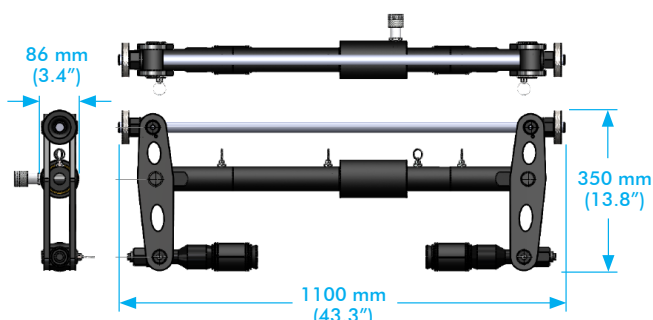


#### Gross Kit Weight:

146.0 kg (321.9 lb)

(Tool-Kits and Pump-Kit)

### TOOL DIMENSIONS



### COLLETS (Available Separately)

- |                          |                          |
|--------------------------|--------------------------|
| 2 x M76 (3") Collets     | 2 x M90 (3 1/2") Collets |
| 2 x M80 (3 1/4") Collets | 2 x M95 (3 3/4") Collets |
| 2 x M84 (3 3/8") Collets | 2 x M100 (4") Collets    |

# VC10/25TE

HYDRAULIC SECURE-GRIP  
VALVE CHANGE-OUT TOOL



FLANGE TOOL INNOVATION

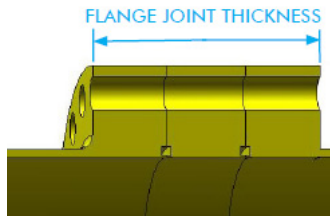
## RANGE OF APPLICATION

The VC10/25TE can be reconfigured with alternative collets (available separately) to suit the following flange bolt-hole diameters:

Collet	Minimum bolt-hole diameter	Maximum bolt-hole diameter
<b>M76 (3")</b>	75 mm (2.95")	83 mm (3.27")
<b>M80 (3 1/4")</b>	79 mm (3.11")	86 mm (3.39")
<b>M84</b>	83 mm (3.27")	89 mm (3.5")
<b>M90 (3 1/2")</b>	89 mm (3.5")	95 mm (3.74")
<b>M95 (3 3/4")</b>	94 mm (3.7")	101 mm (3.98")
<b>M100 (4")</b>	99 mm (3.90")	108 mm (4.25")



## MODULAR CONFIGURATION

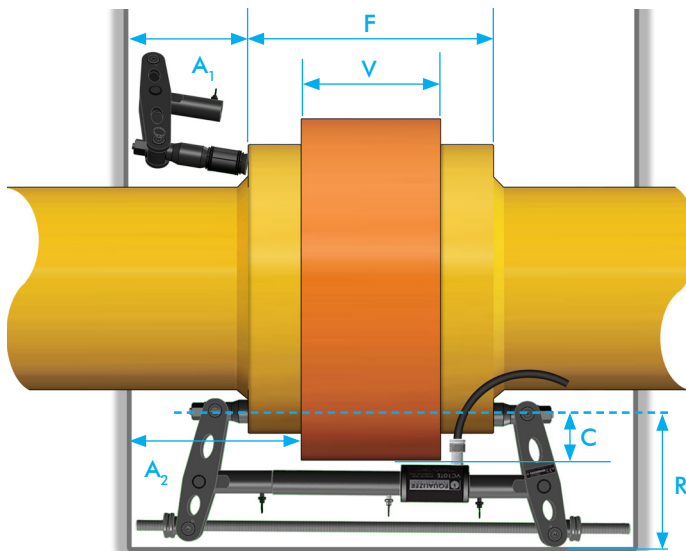


The Actuator and Extension Subassembly can be assembled into 4 different configurations to suit a variety of flange joint thicknesses from 200 mm (7.9") to 690 mm (27.2").



## SPATIAL ENVELOPE

	DIMENSION	MEASURED FROM	MEASURED TO	MINIMUM	MAXIMUM
F	Flange Joint Thickness	Outside Face of Flange	Outside Face of Flange	200 mm (7.9")	690 mm (27.2")
V	Valve/Spacer Thickness	Inside Face of Flange	Inside Face of Flange	0 mm (0.0")	490 mm (19.3")
C	Flange Clearance	Bolt-Hole Circle	Largest OD of Valve/Spacer	-	130 mm (5.1")
R	Radial space	Bolt-Hole Circle	Closest Obstruction	360 mm (14.2")	-
A <sub>1</sub>	Axial space (for installation)	Outside Face of Flange	Closest Obstruction	300 mm (11.8")	-
A <sub>2</sub>	Axial space (installed)	Inner Face of Flange	Closest Obstruction	370 mm (14.6")	-



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