

# BESSEY® Auto-Adjust Toggle Clamps

STC-VH



Simply better.

A range of applied force & height in one clamp:  
the power to be in position fast

## Features

### 1 Auto-Adjust

The BESSEY® Auto-adjust toggle clamp self adjusts to variations in workpiece height while maintaining clamping force.

### 2 Adjustable Clamping Force

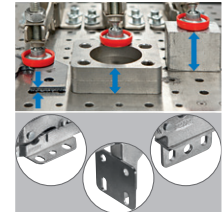
The integrated clamping force adjustment screw can vary the applied clamping force in a range.

### 3 Adaptable Base Plate:

Holes are sized and spaced for easy mounting and flexibility in metric and imperial.

### 4 Large Handle

Soft insets for maximum comfort.



Optional Bases

## Service part

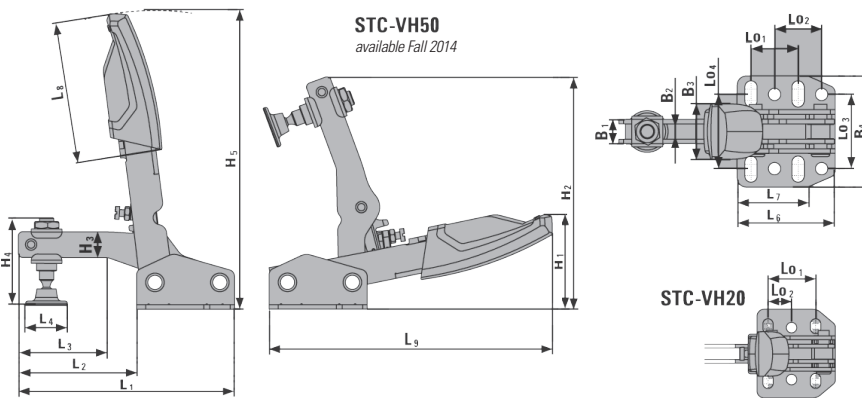
- 3101627 Spindle set, STC-VH
- 3101588 Spindle set, STC-HH70
- 3101589 Spindle set, STC-HH50/1HH25

**NEW**

**NEW**

## Vertical toggle with open arm and horizontal base plate

Model #	Opening	Nominal Clamping Force Range	Holding Capacity	Approx. Weight	Fastener
STC-VH20	0- <sup>13</sup> / <sub>16</sub> "	25 - 250 lbs.*	450 lbs.	0.44 lbs.	<sup>3</sup> / <sub>16</sub> " or M5
STC-VH50	0-1 <sup>9</sup> / <sub>16</sub> "	25 - 550 lbs.*	700 lbs.	0.77 lbs.	<sup>1</sup> / <sub>4</sub> " or M6



	Total Length	Length of extension arm	Spindle adjustment range	Pressure plate diameter	Length of base	Length of base plate 1	Length of base plate 2	Length of Z-comp handle	Length of handle (open)	Height of handle (closed)	Height of handle (open)	Height of extension arm	Height of spindle, cpl.	Height of base	Width of extension arm (external)	Width of extension arm (internal)	Width of Z-comp. handle	Width of base plate	Length of hole spacing 1	Length of hole spacing 2	Length of hole spacing 3	Width of elongated hole	Diameter of hole
	L1	L2	L3	L4	L5	L6	L7	L8	L9	H1	H2	H3	H4	H5	B1	B2	B3	B4	Lo1	Lo2	Lo3	Lo4	Ø
STC-VH20	3.62"	1.97"	0.79"	0.63"	—	1.69"	1.38"	2.36"	4.84"	1.61"	3.94"	0.39"	1.65"	5.08"	0.39"	0.24"	0.94"	1.89"	1.00"	0.50"	1.10"	1.06-1.25"	0.22"
STC-VH50	4.57"	2.48"	1.57"	0.91"	—	2.09"	1.73"	2.99"	6.06"	2.05"	4.96"	0.55"	1.97"	6.38"	0.52"	0.32"	1.18"	2.36"	1.00"	1.00"	1.10"	1.32-1.89"	0.26"

\* Variable and dependent on spindle settings, pressure screw setting, force applied etc. Some small spindle adjustments may be required to achieve maximum clamping opening.

Rev. Jun/14



Toggle Video



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