

Self-adjusting toggle clamps



Horizontal toggle clamp with open arm and vertical base plate STC-HV

| No | <a> | Automatic adjustment | | | | VB0003 |
|----------|-----|----------------------|---------|------|------|--------|
| | mm | mm | appr. N | kg | qty. | |
| STC-HV20 | 35 | 20 | 1,100 | 0.21 | 6 | |

3D CAD data for download at <http://bessey.partcommunity.com>



- In the clamped position, the lever is horizontal
- Automatic and infinitely variable adjustment of the clamping height up to 20 mm while clamping force remains unchanged – without having to make manual changes to the position of the pressure screws
- Clamping force is variable up to 1,100 N depending on the adjustment of the set screw in the cantilevered joint
- Sturdy, tempered metal sheets for a long service life
- Hole pattern on the base plate designed to facilitate fast and secure clamping set-up for metric and imperial
- High-quality oil resistant two-component plastic handle with slip protection

Table of dimensions

| No | | L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8 | L9 | H1 | H2 | H3 | H4 | H5 | H6 | B1 | B2 | B3 | B4 | Lo1 | Lo2 | Lo3 | Lo4 | Ø |
|----------|----|------|------|------|------|------|------|----|------|----|------|------|------|------|------|----|------|------|------|------|-----------|------|------|-----|------|
| STC-HV20 | mm | 167 | 45 | 20 | 16 | 83 | 38 | – | 46 | – | 65 | 162 | 10 | 42 | 45 | – | 10 | 6 | 20 | 18 | 10-13 | 26 | 13 | – | 5.6 |
| | " | 6.57 | 1.77 | 0.79 | 0.63 | 3.27 | 1.50 | – | 1.81 | – | 2.56 | 6.38 | 0.39 | 1.65 | 1.77 | – | 0.39 | 0.24 | 0.79 | 0.71 | 0.39-0.51 | 1.02 | 0.51 | – | 0.22 |

