

Self-adjusting toggle clamps STC

Even more flexible clamping up to 5-times faster



Simply better.



STC in action
YouTube channel



Uncompromisingly versatile

One size of the BESSEY toggle clamp replaces multiple competitor sizes simultaneously.

- due to an extremely large clamping range, thanks to the patented mechanism



Ready to go – the first time and for quick set-up during workpiece changes

BESSEY STC toggle clamps adapt to workpieces of varying thickness – without manual setting of the spindle and, with practically the same clamping force.

- due to an automatic clamping width range



Powerful and gentle

Even sensitive workpieces, e.g. with veneered or varnished surfaces, can be gently clamped.

- due to moving pressure plate with removable protective cap
- due to clamping force regulation via adjustment screw in the joint



Self-adjusting toggle clamps STC

Even more flexible clamping up to 5-times faster



Simply better.



Horizontal toggle clamp with open arm STC-HH / STC-HV / STC-HA



STC-HH



STC-HV



STC-HA

Order-No.	Opening mm	Automatic adjustment mm	Clamping force appr. N	kg	qty.	VB0003
-----------	---------------	-------------------------------	------------------------------	----	------	--------

with horizontal base plate

STC-HH20	35	20	1,100	0.20	6	
STC-HH20SB	35	20	1,100	0.20	3	
STC-HH50	40	35	2,500	0.38	6	
STC-HH50SB	40	35	2,500	0.38	3	
STC-HH70	60	35	2,500	0.42	6	
STC-HH70SB	60	35	2,500	0.42	3	

with vertical base plate

STC-HV20	35	20	1,100	0.21	6	
----------	----	----	-------	------	---	--

with angled base plate

STC-HA20	35	20	1,100	0.23	6	
----------	----	----	-------	------	---	--



Push/pull clamp STC-IHH / STC-IHA



STC-IHH



STC-IHA

Order-No.	Opening mm	Clamping force N	Clamping force lbs.	kg	qty.	VB0003
-----------	---------------	------------------------	---------------------------	----	------	--------

with horizontal base plate

STC-IHH15	25	8	1,100	0.19	6	
STC-IHH25	35	13	2,500	0.20	6	
STC-IHH25SB	35	13	2,500	0.21	3	

with angled base plate

STC-IHA15	25	8	1,100	0.23	6	
-----------	----	---	-------	------	---	--



Vertical toggle clamp with open arm STC-VH



STC-VH

Order-No.	Opening mm	Automatic adjustment mm	Clamping force appr. N	kg	qty.	VB0003
-----------	---------------	-------------------------------	------------------------------	----	------	--------

with horizontal base plate

STC-VH20	35	20	1,100	0.22	6	
STC-VH50	40	35	2,500	0.43	6	

- Automatic and infinitely variable adjustment of the clamping height while clamping force remains unchanged – without having to make manual changes to the position of the pressure screws
- Adjustable clamping force based on the adjusting screw in the joint
- Sturdy, tempered metal sheets for a long service life
- Base plate hole pattern suitable for millimetres and inches
- High-quality oil-resistant two-component plastic handle (STC-HH20, STC-HV20, STC-HA20, STC-IHH15 and STC-IHA15 with slip protection)

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

