

# Tradition meets Innovation



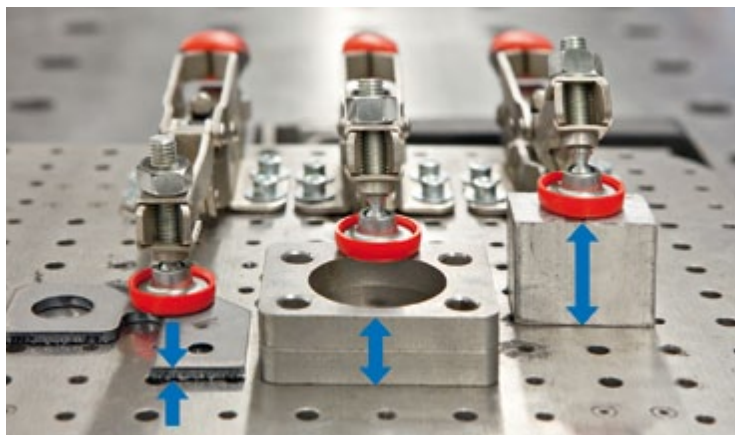
BESSEY is already world-renowned for its clamping tools. Now the clamping technology specialist is ready to conquer another product segment with a world first: The traditional company is presenting its newly developed variable self-adjusting toggle clamp range.

# Tradition meets Innovation



Simply better.

"BESSEY. Simply better.", this is the company's motto. In actual fact, the clamping tool specialist is leading the way in revolutionising the toggle clamp. In the case of a classic screw clamp, rapid adjustments to different clamping ranges are achieved by moving the sliding arm along the rail profile; BESSEY has now succeeded in transferring this principle to the toggle clamp. The result is automatic and infinitely variable adjustments to different work piece dimensions with roughly the same clamping force.



#### Your benefits at a glance:

##### 1 Automatic adjustment of the jaw height

The BESSEY self adjusting toggle clamp automatically adjusts to the height of the particular work piece. This is achieved with no loss of clamping force. This renders time-consuming manual adjustment of the pressure screw unnecessary.

##### 2 Set screw on the cantilevered joint

Using the set screw on the cantilevered joint, the clamping force can be adjusted to your particular requirements, up to 2,500 N (550 lbs).

##### 3 Hole pattern on the base plate

The base plate, which is suitable for both metric and imperial, has been designed to facilitate fast and secure clamping set-up.

##### 4 Ergonomic handle

The plastic injection moulded and ergonomically designed handle fits well in the hand and has a very good grip.



More information  
[www.bessey.de](http://www.bessey.de)

# Self-adjusting toggle clamps

Self-adjusting jaw height for rapid clamping





Simply better.



STC-VH

#### Vertical toggle clamp with open arm STC-VH

Order-No.	Opening		Clamping force				
	mm	"	N	lbs.	kg	qty.	
							VB0003
with horizontal base plate							
STC-VH20	20	13/16	1,100	250	0.35	6	
STC-VH50	40	1 9/16	2,500	550	0.43	6	

STC-VH50 available from quarter 4, 2014



STC-HH





STC-HV



STC-HA

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

Order-No.	Opening		Clamping force				VB0003
	mm	"	N	lbs.	kg	qty.	
with horizontal base plate							
STC-HH20	20	13⁄16	1,100	250	0.20	6	
STC-HH20SB	20	13⁄16	1,100	250	0.20	6	
STC-HH50	40	1 9⁄16	2,500	550	0.38	6	
STC-HH50SB	40	1 9⁄16	2,500	550	0.38	6	
STC-HH70	60	2 3⁄8	2,500	550	0.42	6	
STC-HH70SB	60	2 3⁄8	2,500	550	0.42	6	

#### with vertical base plate

STC-HV20	20	13/16	1,100	250	0.21	6	
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#### with angled base plate

STC-HA20	20	13/16	1,100	250	0.23	6	
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STC-IHH



STC-IHA

#### Push/pull clamp STC-IHH / STC-IHA

Order-No.	Opening		Clamping force				
	mm	"	N	lbs.	kg	qty.	VB0003
with horizontal base plate							
STC-IHH15	10	3⁄8	1.100	250	0,19	6	
STC-IHH25	16	5⁄8	2.500	550	0,42	6	
STC-IHH25SB	16	5⁄8	2.500	550	0,42	6	

#### with angled base plate

STC-IHA15	10	3/8	1,100	250	0.23	6	
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- 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 [www.bessey.de](http://www.bessey.de)



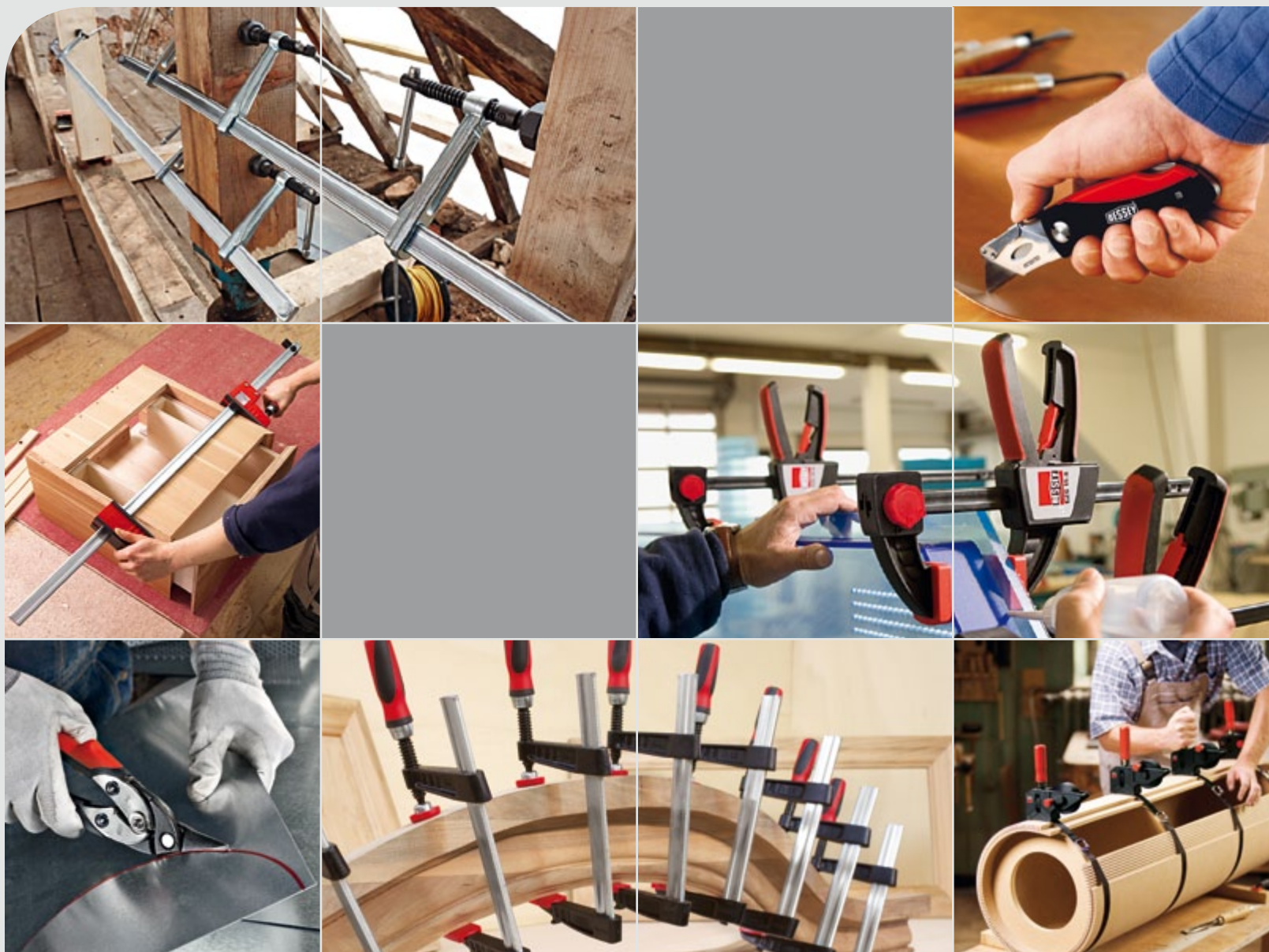


# BESSEY. Simply better.

Clamping and cutting tools by professionals for professionals



Simply better.



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