

## Lever clamps

# Clamping with leverage – speed, safety and strength



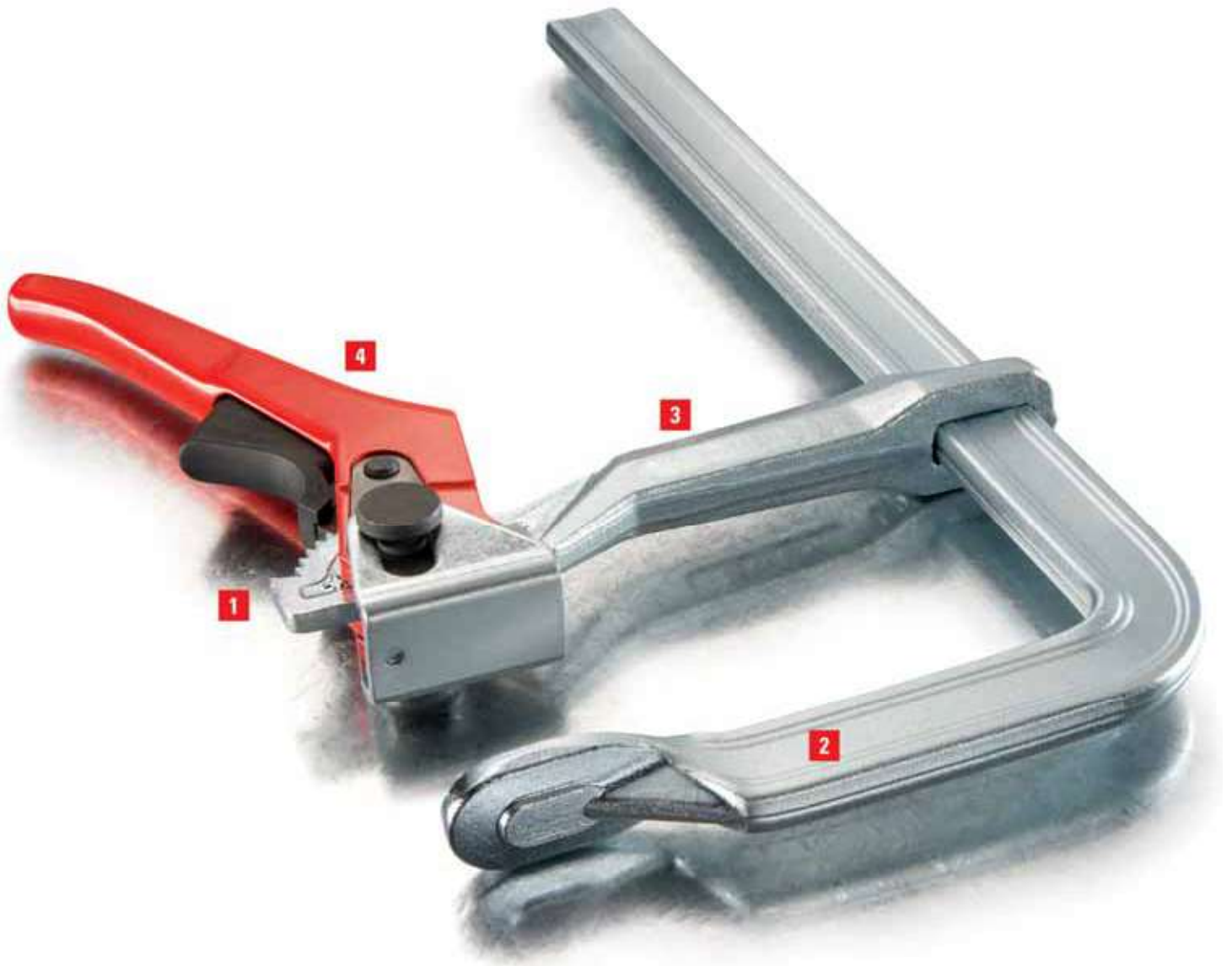
### The quick, secure, powerful clamping tool

The original BESSEY lever clamps are lightweight, easy to handle, dimensionally stable, and torsion-resistant. And the best thing is: they can clamp and release up to 5 x faster than conventional clamps. This is because they use the natural force of the lever, meaning that with just a small amount of effort they can quickly produce large clamping

pressures. In addition, the optimised rail profile with greater reserves of force enables a more even application of force – especially under full utilisation of clamping range. The original BESSEY lever clamps are particularly valuable in situations where many clamps have to be applied in a short time, with no risk of loosening due to vibration. Try it out!

The lever clamp GH – allows you to clamp up to 5 x faster than with conventional clamps.

The SGHS lever clamp – the heavy duty version with a clamping force of up to 9,500 N.



## Your benefits at a glance:

### 1 Secure ratchet mechanism

The ratchet mechanism ensures rapid, controlled, vibration-free clamping. A hardened cam at the end of the lever ensures a long service life.

### 2 Maximum stability

The optimised profile shape with greater reserves of force enables a more even application of force – especially under full utilisation of clamping width. The fixed clamp forged from a single piece with moulded pressure plate is hardened, tempered and galvanised, making it highly durable and torsion-resistant.

### 3 Forged sliding arm

The sliding arm is serrated and made from tempered, drop-forged steel. For an extremely long service life.

### 4 Ergonomic clamping and release lever

The powder-coated clamping lever has a particularly ergonomic shape. The plastic-coated non-slip release lever provides a secure hold as you release the clamp.

## Lever clamps



- Greater reserves of power, thanks to optimised rail profile, for even clamping force build-up, especially under maximum utilisation of the clamping range
- Non-slip trigger release
- Sintered steel cams – particularly hard-wearing, low friction due to higher surface hardness
- Quick – up to 5 x faster than regular clamps
- Secure – vibration resistant
- Strong – clamping force up to 8,500 N



### Lever clamp GH

N <sup>o</sup>	<a>	<b>	<x>	⚖️	📦	V2
	mm	mm	mm	kg	qty.	
GH12	120	60	15 x 6	0.49	10	
GH16	160	80	17.5 x 6.8	0.64	10	
GH20-8	200	80	17.5 x 6.8	0.68	10	
GH20	200	100	22 x 8.5	1.11	10	
GH25	250	120	24.5 x 9.5	1.44	10	
GH30-12	300	120	24.5 x 9.5	1.51	10	
GH40-12	400	120	24.5 x 9.5	1.67	10	
GH30	300	140	28 x 11	2.22	10	
GH40	400	120	28 x 11	2.39	10	
GH50	500	120	28 x 11	2.61	5	
GH60	600	120	28 x 11	2.78	5	
GH80	800	120	28 x 11	3.14	5	
GH100	1000	120	28 x 11	3.57	5	



- Heavy design
- Rapid – up to 5 x faster than conventional clamps
- Secure – vibration resistant
- Strong – clamping force up to 9,500 N



### Lever clamp SGHS, heavy duty

N <sup>o</sup>	<a>	<b>	<x>	⚖️	📦	V2
	mm	mm	mm	kg	qty.	
SG-25HS	300	140	30 x 15	3.05	5	
SG-50HS	500	140	30 x 15	3.83	5	



# Lever clamps



## Lever clamp classiX GSH



N <sup>o</sup>	<a>	<b>	<x>			V2
	mm	mm	mm	kg	qty.	
GSH12	120	60	13.5 x 6.5	0.49	10	
GSH16	160	80	16 x 7.5	0.64	10	
GSH20	200	100	19.5 x 9.5	1.08	10	
GSH25	250	120	22 x 10.5	1.44	10	
GSH30	300	140	25 x 12	2.22	10	
GSH40	400	120	25 x 12	2.41	10	
GSH50	500	120	25 x 12	2.59	5	
GSH60	600	120	25 x 12	2.79	5	



- Non-slip trigger release
- Quick – up to 5 times faster than regular clamps
- Secure – unaffected by vibrations
- Strong – clamping force up to 7,500 N

## Comparison of the first and second line on BESSEY lever clamps

	BESSEY lever clamps	classiX
	GH	GSH
Order no.		
Product range	+++	++
Clamping width	120-1,000 mm	120-600 mm
Throat depth	60-140 mm	60-140 mm
Optimised rail profile	✓	
Clamping force up to	+++ 8,500 N	++ 7,500 N
Intellectual property rights	on rail, sliding arm, pressure plate and appearance	