

U-clamps

Step-over clamping



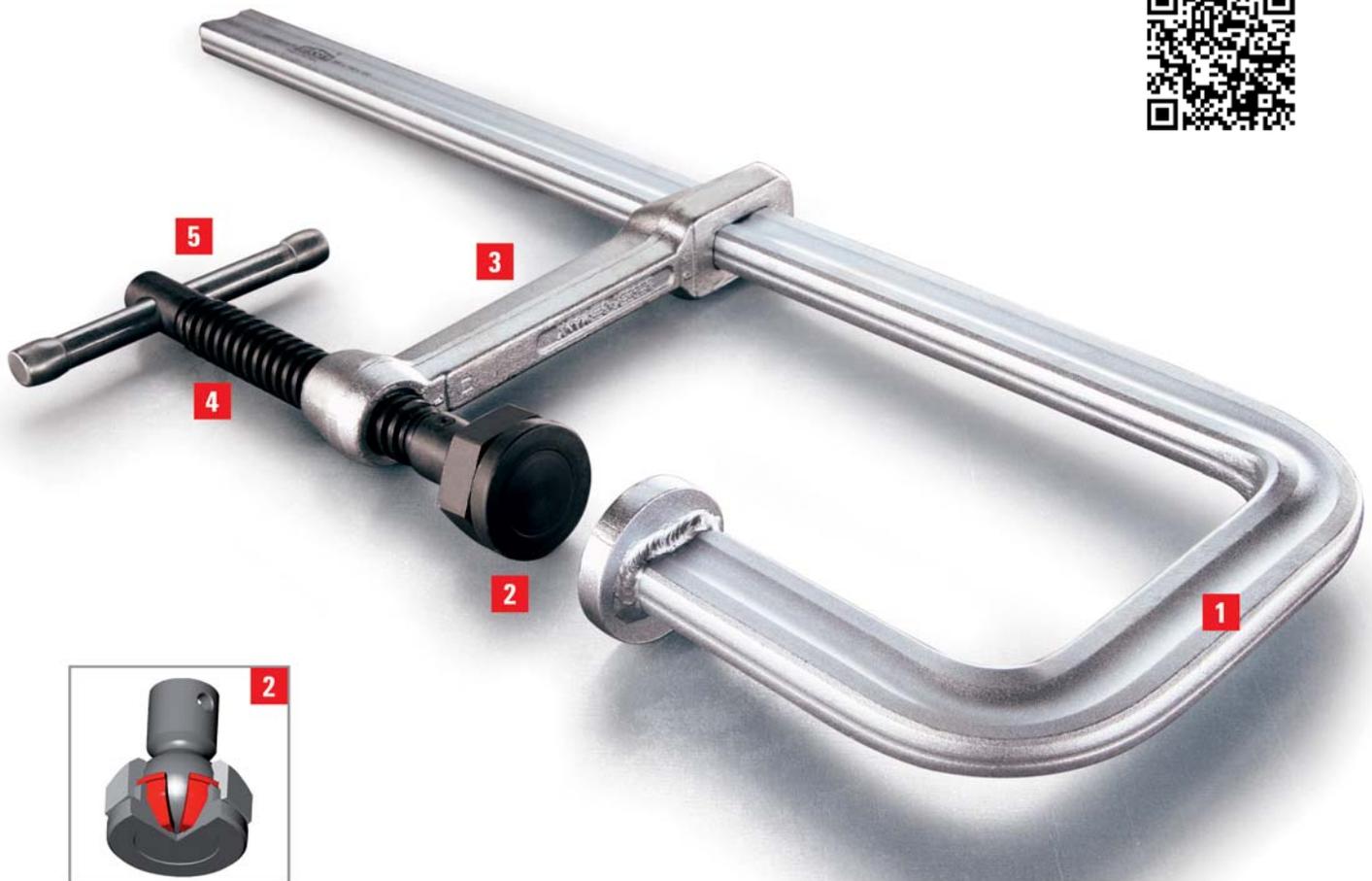
No spacers or extension pieces necessary

The original BESSEY U-clamps have been developed on the basis of the tried-and-tested all-steel, lever and high-performance clamps. The characteristic

U-shaped fixed arms swiftly reaches over obstructions so find its objective like an extra hand. No spacers or extensions are needed with the high stepping U-clamp.

The SGU high-performance clamp – with U-shaped fixed arm for step-over clamping with no need for spacers.

YouTube



Your benefits at a glance:

1 Extremely sturdy

The U-shaped fixed arm is produced and tempered from a single piece, thus very torsion-resistant. This guarantees you maximum tensile strength and sturdiness.

2 Special tilting pressure plate

The heat-resistant pressure plate (SGU/STBU) is replaceable and can be tilted up to 35° so it can even clamp on angled or sloping surfaces. It has an extremely long service-life due to the oil-soaked sintered steel insert's excellent sliding and emergency running properties.

3 Forged sliding arm

The sliding arm is made from forged tempered steel, and can withstand extremely large loads. You can be sure of that.

4 Tempered spindle

The tempered spindle is particularly sturdy and wear-resistant. This considerably increases its durability.

5 Sturdy tommy bar

The sturdy tommy bar has special rounded hand-friendly ends, as well as a hexagonal bolt. This allows powerful, controlled clamping.

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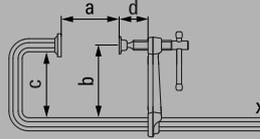


- Clamping force up to 4,000 N
- Double-sided step-over clamping, specially suited for T-profiles and double T-profiles
- Low weight
- Tempered stainless steel and fixed bracket for resilient and elastic clamping



U-shaped all-steel screw clamp GUZ

N ^o	← a →	← b →	← c →	← d →	← x →			
	mm	mm	mm	mm	mm	kg	qty.	VB0002
GU25-12-6ZK	250	120	60	60	22 x 10,5	1.46	10	

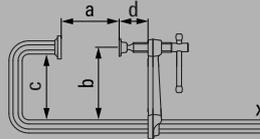


- Clamping force up to 12,000 N at tightening torque of 40 Nm
- Double-sided step-over clamping, specially suited for T-profiles and double T-profiles
- Long life due to heat-resistant pressure plate with sintered steel insert, which can be tilted up to 35°



U-shaped high-performance clamp SGU

N ^o	← a →	← b →	← c →	← d →	← x →			
	mm	mm	mm	mm	mm	kg	qty.	VB0002
SGU30-14-10	300	140	100	130	30 x 15	3.75	5	



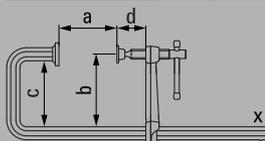
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U-shaped high-performance clamp STBU, heavy duty



№	← a →	← b →	← c →	← d →	← x →	kg	qty.	VB0002
	mm	mm	mm	mm	mm			
STBU40-17-15	500	175	150	110	40 x 20	7.96	1	



- Clamping force up to 22,000 N at tightening torque of 80 Nm
- Double-sided step-over clamping, specially suited for T-profiles and double T-profiles
- With 19 mm hexagonal bolt on the end of the spindle
- Long life due to heat-resistant pressure plate with sintered steel insert, which can be tilted up to 35°



Special pressure plate



№	Description	Suitable for	VB0003
3101192	Serrated	SLM, SGM, SGTM, STBM, STBVC, SGU, STBU, SLV, GSV, SPZ80K	
3101193	V-grooved	SLM, SGM, SGTM, STBM, STBVC, SGU, STBU, SLV, GSV, SPZ80K	

- Long life due to heat-resistant pressure plate with sintered steel insert, which can be tilted up to 35°

Three design versions:

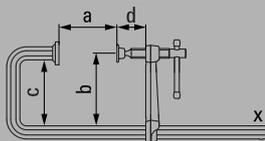
- Smooth faced (standard version)
- Rough faced for secure clamping on dirty surfaces
- V-groove face for round, oval and edged workpieces



U-shaped lever clamp GUH



№	← a →	← b →	← c →	← d →	← x →	kg	qty.	VB0002
	mm	mm	mm	mm	mm			
GU25-12-6H	250	120	60	10	22 x 10,5	1.67	5	



- Clamping force up to 3,800 N
- Step-over clamping, specially suited for T profiles
- Low weight
- Quick – up to 5 x faster than regular clamps

