

Welding table clamps

Clamping elements for welding tables



Clamping elements with 28 mm or 16 mm matrix holes. 3 handle designs for standard elements, plus variable or fixed throat depth versions. Our line-up includes a clamping element with heat-resistant pressure plate, a gripping arm variant for easy work area access, and attachments for clamping oval, round and square workpieces.

All elements integrate into the table without tools for highly adaptable, comfortable and safe operation.

1 Flexible throat depth

BESSEY® TWV28 with adjustable throat depth.

2 Choice of handles and throat depths

BESSEY TW elements feature 3 handle variants and 3 throat-depth variants.

3 Heavy-duty, custom design

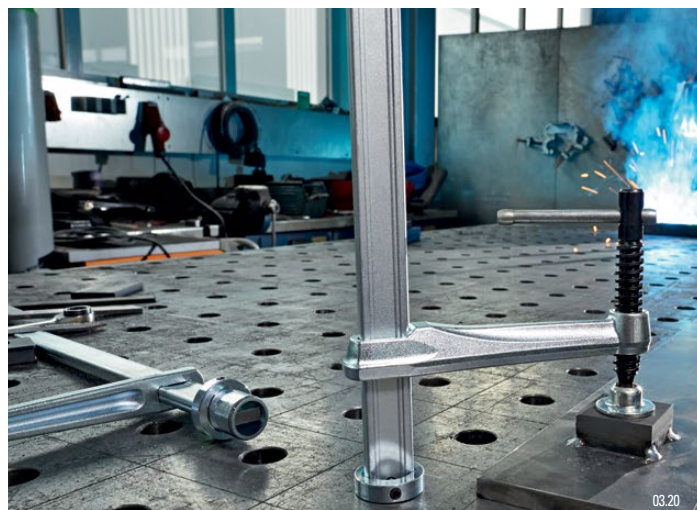
TWM28 with heat-resistant special pressure plate and sintered steel insert pivots up to 35°. TW28GRS gripping arm features a spindle located outside the work area for hard to reach clamping.

4 Flexible accessories

TW28VAD & TWVAD vario table clamping attachments are ideal for irregularly shaped workpieces.

5 Quick conversion of existing table clamps for welding table use

Convert existing BESSEY machine table clamps by screwing the TW28HO attachment into the hole on the bottom of the machine table clamp for use on matrix tables.



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Welding table clamp, variable or fixed throat depth, TWV / TW

Precise, individual clamping with variable height and fixed throat depth. Tempered profile and sliding arm for strong, dependable, clamping.

Available with: high quality 2-component plastic handle; T-Bar with rounded ends (each with smooth-running ACME threaded spindle and tool free pressure plate replacement); or lever handle with a ratcheting mechanism for controlled, fast and vibration-proof clamping.

	Handle Style	Hole Diameter	Clamping Capacity	Nominal Throat Depth	Rail Profile	Clamping Force	Approx. Weight
Fixed throat depth							
TWV16-20-15-2K	Composite	16 mm	8"	1 3/16" - 6"	7/8" - 3/8"	550 lbs	2.50 lbs
TWV16-20-15K	T-Bar	16 mm	8"	1 3/16" - 6"	7/8" - 3/8"	550 lbs	2.34 lbs
TWV16-20-15H	Lever	16 mm	8"	2 3/8" - 6"	7/8" - 3/8"	550 lbs	2.72 lbs
TWV28-30-17-2K	Composite	28 mm	12"	1 9/16" - 6 7/8"	1 1/8" - 7/16"	1100 lbs	4.89 lbs
TWV28-30-17K	T-Bar	28 mm	12"	1 9/16" - 6 7/8"	1 1/8" - 7/16"	1100 lbs	4.65 lbs
TWV28-30-17H	Lever	28 mm	12"	4 9/16" - 6 7/8"	1 1/8" - 7/16"	1100 lbs	5.47 lbs

Variable throat depth

TW16-20-10-2K	Composite	16 mm	8"	4"	7/8" - 3/8"	650 lbs	2.06 lbs
TW16-20-10K	T-Bar	16 mm	8"	4"	7/8" - 3/8"	650 lbs	1.91 lbs
TW16-20-10H	Lever	16 mm	8"	4"	7/8" - 3/8"	650 lbs	2.22 lbs
TW28-30-12-2K	Composite	28 mm	12"	4 3/4"	1 1/8" - 7/16"	1000 lbs	3.70 lbs
TW28-30-14-2K	Composite	28 mm	12"	5 1/2"	1 1/8" - 7/16"	1100 lbs	3.75 lbs
TW28-30-12K	T-Bar	28 mm	12"	4 3/4"	1 1/8" - 7/16"	1000 lbs	3.57 lbs
TW28-30-14K	T-Bar	28 mm	12"	5 1/2"	1 1/8" - 7/16"	1100 lbs	3.64 lbs
TW28-30-12H	Lever	28 mm	12"	4 3/4"	1 1/8" - 7/16"	1000 lbs	4.56 lbs
TW28-30-14H	Lever	28 mm	12"	5 1/2"	1 1/8" - 7/16"	1100 lbs	4.63 lbs

Note: Clamping force calculated at a height of 2-3 In on a solid all-steel welding table platform

Welding table clamp with MorPad, TWM28

Tempered profiled rail and drop forged sliding arm for strength where it is most needed. Tempered spindle – particularly sturdy and wear-resistant – for noticeably improved service life. Long life due to heat-resistant MorPad with sintered steel insert, which can be tilted up to 35°.

	Hole Diameter	Clamping Capacity	Nominal Throat Depth	Rail Profile	Clamping Force	Approx. Weight
TWM28-30-12	28mm	12"	4 3/4"	1 1/8" - 7/16"	1400 lbs	3.92 lbs

Note: Clamping force calculated at a height of 2-3 In, on a solid all-steel welding table platform, with heavy duty MorPad.

Welding table clamp, TW28GRS

The spindle is located on the outside for free access to the work area and to protect against welding spatter. Special, sturdy V-grooved pressure plate, ideal even for clamping round or square workpieces. Pivotal and infinitely adjustable in terms of height. Particularly suited to clamping with the tightest of space constraints, in narrow openings as well as for short projections.

	Hole Diameter	Clamping Capacity	Nominal Throat Depth	Rail Profile	Clamping Force	Approx. Weight
TW28GRS30-12	28mm	12"	4 3/4"	1 1/8" - 7/16"	1100 lbs	5.13 lbs

Note: Clamping force calculated at a height of 2-3 In on a solid all-steel welding table platform

