

Workholding Systems / Chuck Jaws

Efficient Production: One Chuck Jaw for Just About Everything

If you work with small and medium-sized batches, SCHUNK's universal top jaw SZKU can make your production significantly more efficient whilst substantially reducing the cost of workpiece clamping. This all-rounder from the clamping and gripping technology specialists in Lauffen, Germany, combines the major benefits of two jaw types: the SZKU is as versatile as a stepped jaw whilst transmitting high torques like a claw jaw.

The universal top jaw covers a wide spectrum of very large clamping ranges, enabling both I.D., O.D. and bar clamping. Furthermore, workpiece bolts make it possible to vary the clamping depth, and the universal jaw is ideally suited to even minimal clamping depths. Users therefore need only one jaw set to reliably clamp a wide range of workpieces. This greatly reduces the need for different claw jaw types, reduces set-up times and minimises costs.

Sturdy clamping faces provide safety and time savings

The blade shaped, long and extremely stable clamping faces on three levels grasp the workpiece during the clamping procedure, creating a form-fit clamping that ensures a completely secure grip. The case-hardened universal top jaws are significantly more robust than standard embossing systems. In addition to this, the SZKU cuts out an entire work operation, including the peripheral devices needed for the operation, by making separate embossing of the workpieces in an embossing station unnecessary.

Highly reliable performance with automated loading

The workpieces are centred automatically during the clamping procedure due to the blade geometry. Tilting is not possible. This makes SCHUNK's universal top jaw ideally suited to automated machine loading as well.

The SZKU with metric tongue and groove can be used for rough part machining on all common quick-change chucks. The tongue and groove provides an especially

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good repeat accuracy. The top jaw is available as standard in the four sizes: 160, 200, 250 and 315.

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Captions

SZKU	Extremely sturdy and extremely versatile: the SZKU universal top jaw from SCHUNK enables a variety of clamping types and provides secure workpiece clamping even under very high cutting forces.	
SZKU auf ROTA THW	The all-rounder SZKU from SCHUNK can be used on all chucks that employ a quick-change jaw system.	

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