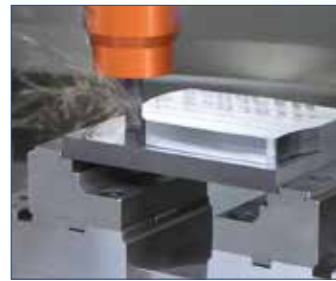
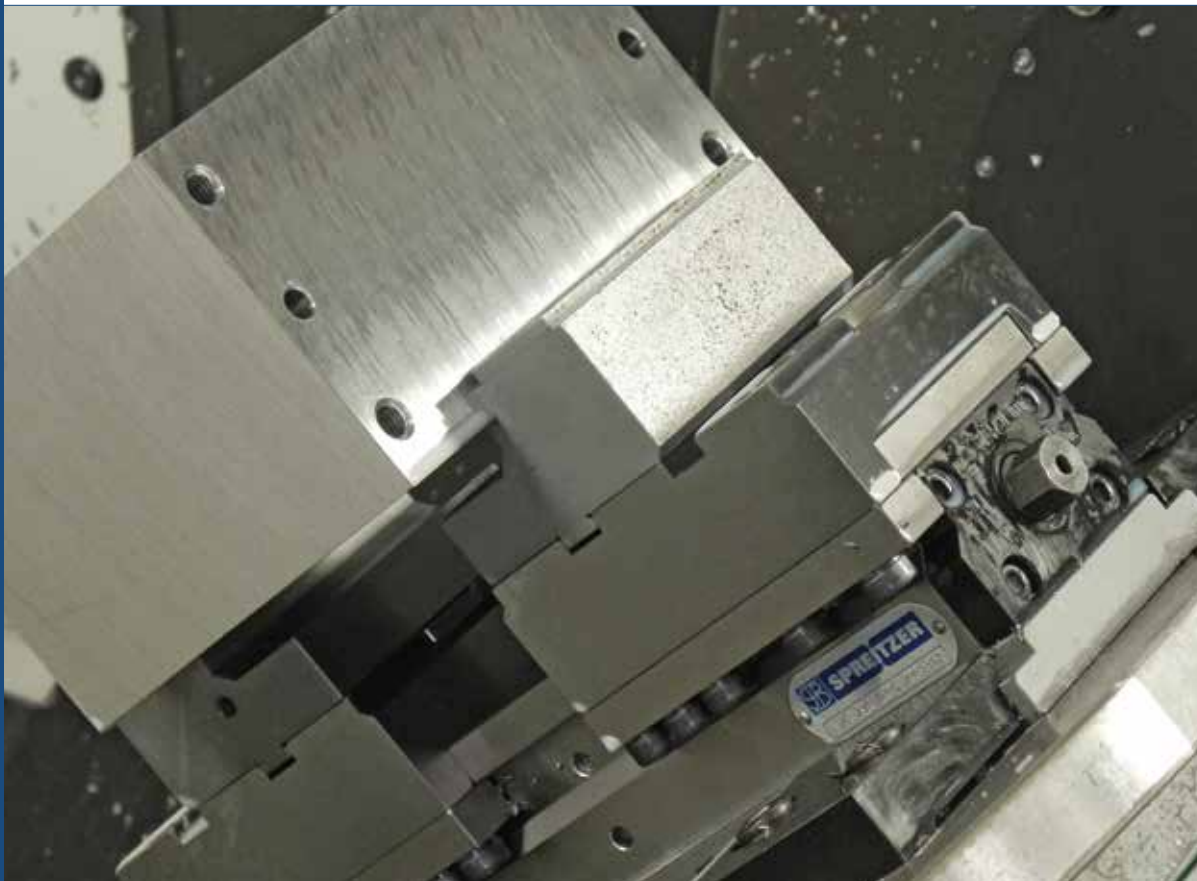


Centre-clamping vises

Raw material clamping. Precision clamping. Automation.



The best centre-clamping vises for your application since 1983.

Our advantages – Your customer benefit



Centre-clamping vise free trial!
Convince yourself of the advantages of our products, order a free centre-clamping vise for testing.

The compact mechanical, pneumatic, hydraulic as well as electro-mechanical centre-clamping vises enable precise machining of workpieces on the given symmetric and rotation axis.

Our market presence since 1983 and the thereby gained experiences enable our clients access to the unique market variety of sizes and construction variants.

SPREITZER centre-clamping vises are used as the prime vise solution for production on conventional and CNC-machines as well as production systems.

+ Centre-clamping vises at a glance

- + Mechanical
- + Pneumatic
- + Hydraulic
- + Electromechanical
- + Available jaw width 15 – 160 mm
- + Available overall length 50 – 500 mm

+ Safe clamping without pre-stamping!



- + You save time and money, as no additional pre-stamping is necessary with our centric clamping solutions.

+ Less tool wear!



- + Through the use of short cutting tools and less vibration on the workpiece you achieve longer tool life.
- + Compact design
- + Optimal accessibility

+ Shorter machining time!



- + Reduce your production time per piece by higher metal removal with our optimal and powerful workpiece clamping.
- + High clamping force

+ Higher quality!



- + Through the use of original SPREITZER products you produce workpieces at a higher quality.

Centre-clamping vises – Model overview



Mechanical centre-clamping vise MZE 170-60 on 120° clamping tower



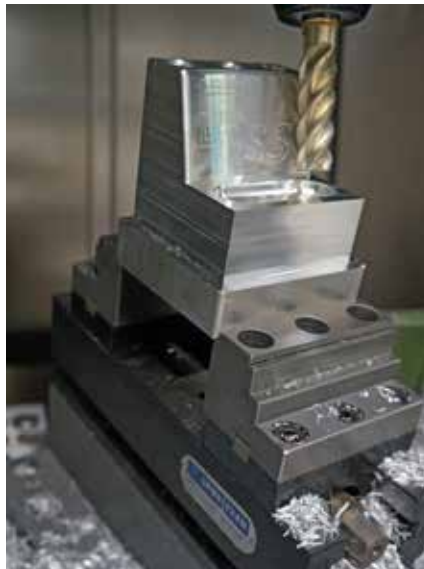
Mechanical centre-clamping vise MZU 280-100 on base cube



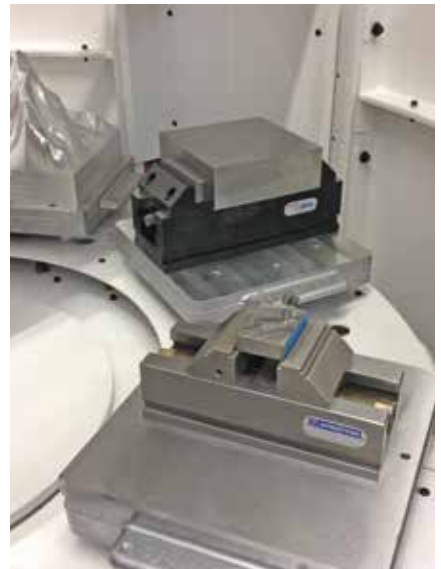
Mechanical centre-clamping vise MZS 100-50 A on pallet



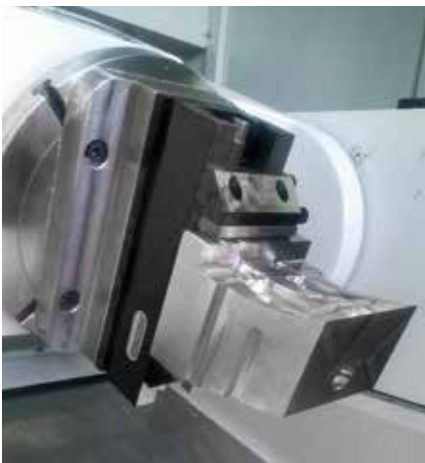
Hydraulic centre-clamping vise HZS 120-60 A on a multi-axis machining centre



Mechanical centre-clamping vise MZU 220-80 with reversible stepped jaws



Mechanical centre-clamping vise MZR 220-80 on a palletizing system



Mechanical centre-clamping vise MZE 280-100 on base cube



Mechanical centre-clamping vise MZU 360-125; maximum workpiece

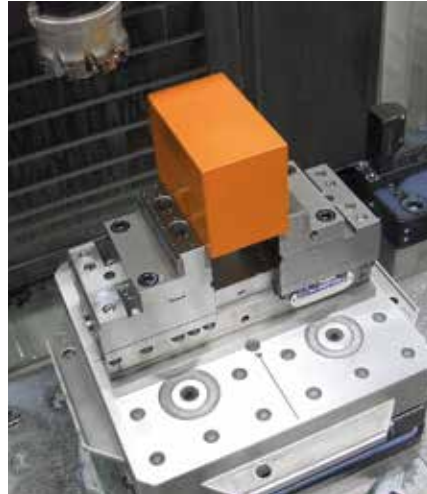


Mechanical centre-clamping vise MZQ 110-60

Centre-clamping vises – Model overview



Pneumatic centre-clamping vise PZS 120-60 A on clamping bridge for multi-side-machining



Mechanical centre-clamping vises MZC 220-80 S on pallet



Mechanical centre-clamping vise MZS 180-80 B with custom designed jaws



Mechanical centre-clamping vise MZC 220-80 E, clamping jaws with carbide grip inserts



Multi clamping system MSE 260-50-1 on 90° clamping tower



Hydraulic centre-clamping vise HZS 180-80 in automation cell



Mechanical centre-clamping vise MZU 280-100 on a palletizing system



Hydraulic centre-clamping vises HZS 180-80 A on swivel plate



Electromechanical centre-clamping vises EZC



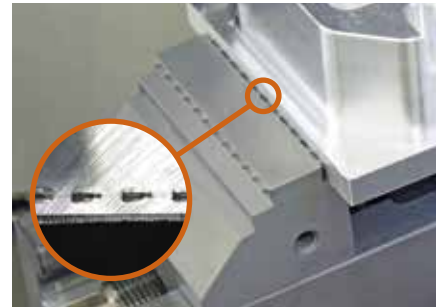
Raw material clamping without pre-stamping

The raw material clamping or raw material machining requires new and innovative clamping solutions, especially on multi-axis machining centres.

The high structural rigidity, the optimal guide ways and the powerfull spindle lead to high and effectively acting clamping forces.

+ Advantages

- + More holding force
- + Less material requirement

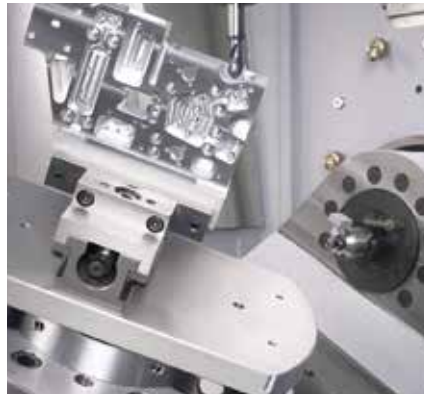


Reversible jaws with grip (first set-up) and smooth jaw steps (second set-up)

Precise clamping in multi-axis machining processes

A number of sizes and assembly variations of the centre-clamping vise series as well as the high clamping force and the robust construction are important criteria for the choice of the clamping tool for the use in 5- and multi-axis machining processes.

Due to the compact design of the centre-clamping vises an optimal accessibility to the workpiece can be reached. A maximum degree of liberty and an optimal accessibility to the workpiece can be achieved.



Mechanical centre-clamping vise MZS 180-80, type B with grip jaws



Mechanical centre-clamping vise MZS 70-36 B on pallet (picture: Kern-Microtechnik, Murnau)

+ Advantages

- + Robust structure
- + Optimal guide ways
- + Low jaw lifting

Clamping solutions for palletizing- and automation systems

Automated loading and unloading of your machine by a computer-controlled, modular pallet changing system.

We offer efficient and modular workholding for pallet automation. The focus here is on maximum power and variability of the clamping device in a cost-efficient, economic investment.



Mechanical centre-clamping vise MZC 280-100 E on a palletizing system



Hydraulic centre-clamping vise HZS 120-60 in automation cell

+ Advantages

- + Economic efficiency
- + High-performance
- + Short clamping time

Centre-clamping vises – Catalogue order



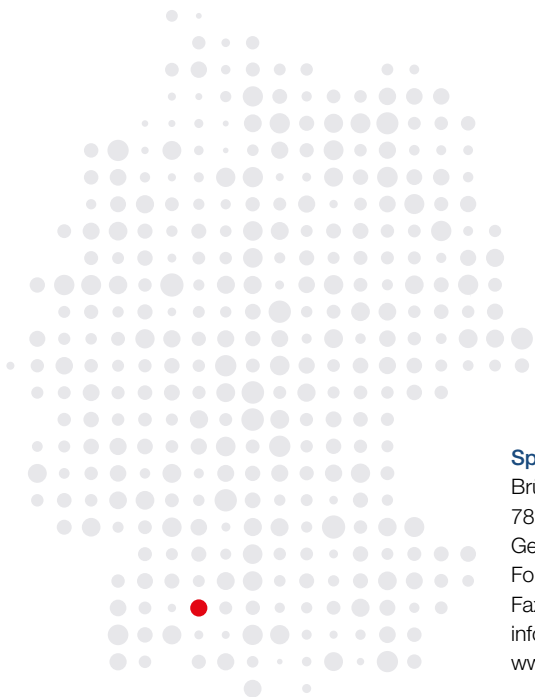
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