Small part clamps - in a nutshell
Small part clamps with ICS, ICS Zeroline

We have a wide range of small part clamps. The use of these ICS A clamping elements is miscellaneous - with simple adapters ...
ICS A clamping elements

Application: Small parts up to 3 kg
Adaptation height: 7 mm
Height of the clamping element: 13 mm
Mounting: 2 screws M5 spacing 22 mm tightening torques 5 Nm

Adaptation to:
ICS All elements with ICS A adaptation
Unimatic C 950 120 or via C 950 510 on C 950 150 / C 950 170

ICS Mecavice A (0-75)
C 577 250
Workpiece holder with guide for horizontal parallel clamping.
- Functional height 13 mm
- Clamping range 0 – 75 mm
- Maximum workpiece weight 1 kg
- Maximum workpiece dimensions 75 x 75 x 20 mm
- Weight 0.5 kg

ICS Double clamp A (5/80)
C 550 670
Clamp for holding thin plates with support lips at zero height.
A 4 mm thin shim can be inserted between the adaptation faces for collision free clamping.
- Clamping range 0 - 5 mm
- Maximum workpiece weight 1 kg - overhung clamping
- Weight 0.4 kg

ICS Side clamp A (20-40)
C 577 200
Collateral clamping of rectangular or square small workpieces from 20 to 40 mm width.
- Functional height 6.5 mm
- Clamping range 20 - 40 mm
- Maximum workpiece weight 0.5 kg
- Weight 0.5 kg

ICS Clamping head A (7/50)
C 550 650
The main application of the ICS clamp is fixing workpieces of different dimensions in position from two sides.
- Clamping range 0 - 10 mm
- Maximum workpiece weight 3 kg – not for overhung clamping
- Weight 0.3 kg

ICS V-block A 45/45
C 599 450
Workpiece carrier for round and cubic parts.
- Functional height 13 mm
- Clamping range round or cubic up to 45 mm
- Maximum workpiece weight 3 kg
- Maximum workpiece dimensions Ø45 mm or 45 x 45 mm
- Weight 0.4 kg

ICS Zeroline clamp 90
C 552 630
Clamping support for the direct installation on WEDM machine table.
- Functional height clamping of workpiece on Z = “0”
- Recommended maximum workpiece weight 20 kg in application as support element
- Weight 0.25 kg

ICS Zeroline clamp 155
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Zeroline clamp 0
C 552 630
Clamping support for the direct installation on WEDM machine table.
- Functional height clamping of workpiece on Z = “0”
- Recommended maximum workpiece weight 20 kg in application as support element
- Weight 0.25 kg

ICS Zeroline clamping support 155
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Zeroline clamping support 0
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Flange A (7/120)
C 641 900
Support for the lateral mounting of workpiece.
- Functional height 7 mm
- Maximum workpiece weight 1 kg
- Maximum workpiece dimensions width 100 mm max.
- Weight 0.5 kg

ICS Clamping frame A
C 619 660
Carrier for flat round or cubic workpieces up to 80x80 mm.
- Functional height 13 mm
- Clamping range round or cubic up to 80 mm.
- Maximum workpiece weight 1.5 kg
- Maximum workpiece dimensions Ø80 mm or 80x80 mm
- Weight 0.9 kg

ICS Zeroline clamp 90
C 552 630
Clamping support for the direct installation on WEDM machine table.
- Functional height clamping of workpiece on Z = “0”
- Recommended maximum workpiece weight 20 kg in application as support element
- Weight 0.25 kg

ICS Zeroline clamping support 155
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Zeroline clamping support 0
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Mecavice A (0-75)
C 577 250
Workpiece holder with guide for horizontal parallel clamping.
- Functional height 13 mm
- Clamping range 0 – 75 mm
- Maximum workpiece weight 1 kg
- Maximum workpiece dimensions 75 x 75 x 20 mm
- Weight 0.5 kg

ICS Flange A (7/120)
C 641 900
Support for the lateral mounting of workpiece.
- Functional height 7 mm
- Maximum workpiece weight 1 kg
- Maximum workpiece dimensions width 100 mm max.
- Weight 0.5 kg

ICS Clamping frame A
C 619 660
Carrier for flat round or cubic workpieces up to 80x80 mm.
- Functional height 13 mm
- Clamping range round or cubic up to 80 mm.
- Maximum workpiece weight 1.5 kg
- Maximum workpiece dimensions Ø80 mm or 80x80 mm
- Weight 0.9 kg

ICS Zeroline clamp 90
C 552 630
Clamping support for the direct installation on WEDM machine table.
- Functional height clamping of workpiece on Z = “0”
- Recommended maximum workpiece weight 20 kg in application as support element
- Weight 0.25 kg

ICS Zeroline clamping support 155
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Zeroline clamping support 0
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Mecavice A (0-75)
C 577 250
Workpiece holder with guide for horizontal parallel clamping.
- Functional height 13 mm
- Clamping range 0 – 75 mm
- Maximum workpiece weight 1 kg
- Maximum workpiece dimensions 75 x 75 x 20 mm
- Weight 0.5 kg

ICS Flange A (7/120)
C 641 900
Support for the lateral mounting of workpiece.
- Functional height 7 mm
- Maximum workpiece weight 1 kg
- Maximum workpiece dimensions width 100 mm max.
- Weight 0.5 kg

ICS Clamping frame A
C 619 660
Carrier for flat round or cubic workpieces up to 80x80 mm.
- Functional height 13 mm
- Clamping range round or cubic up to 80 mm.
- Maximum workpiece weight 1.5 kg
- Maximum workpiece dimensions Ø80 mm or 80x80 mm
- Weight 0.9 kg

ICS Zeroline clamp 90
C 552 630
Clamping support for the direct installation on WEDM machine table.
- Functional height clamping of workpiece on Z = “0”
- Recommended maximum workpiece weight 20 kg in application as support element
- Weight 0.25 kg

ICS Zeroline clamping support 155
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg

ICS Zeroline clamping support 0
C 666 060
Clamping support for the direct installation on WEDM machine table.
- Support lips “+4” and “0”
- ICS adaptation A for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 3 kg in application as support element
- Weight 0.3 kg
Small part clamps with reference elements

We have a wide range of small part clamps. The use of these ICS A clamping elements is miscellaneous - with simple adapters ...

Reference element and levelling adapter or mounting head WEDM
- Reference elements for machines with zero-line table
- Suit on each wire EDM machine and allow an accurate positioning of the workpiece
- Allow a fast exchange in a wire EDM machine or on a presetting station

Mounting head WEDM
- Allow an accurate positioning along the reference element
- Adjustment of the workpiece using the ICS A interface of the clamping element and the eccentric bolt in the mounting head, either directly in a wire EDM machine or on a presetting station

Levelling adapter WEDM
- Adequate levelling function with wide setting range
- Fast and simple mounting, suitable on each wire EDM machine
- Adjustment of the workpiece using the levelling function and the eccentric bolt in the levelling adapter, either directly in a wire EDM machine or on a presetting station

... to the point of palletizing.

Macro Chuck
- Allows fully automated production
- Links all your machines together
- Z-references with automatic air-blast cleaning
- X and Y references of cemented carbide
- Repetition accuracy 0.002 mm
- Turbo locking – enhanced clamping force

Fixed mounting heads Macro
- Adjustment of the workpiece using the ICS A interface of the clamping element and the eccentric bolt in the mounting head

Unimacro adjusting pallet
- Adjustment of the workpiece using the adjusting function in the pallet

in use with ICS A clamping elements