Mounting heads

Rapid setup is essential if you want to benefit from the material removal capacity and the accuracy offered by modern machines. However, faster machines with increased flushing pressure cause resonance and vibration. So in order to fully utilise the capability of the machines it is necessary to have stable tools and workpiece mountings.

+ Setup done in seconds
+ Gives maximum workpiece precision
+ Utilises the machine capacity
+ More stable than any other system
+ Minimal vibration
+ Minimises resonance

Pre-set in three axes

Pre-set in three axes with System 3R’s levelling adapter. This can be done with an accuracy of thousandths of a millimetre!

The simple, directly measurable references of the levelling adapter mean that presetting can be done on an ordinary surface plate, using one of System 3R’s presetting stones.

Preset away from the machine. Lift the preset “package” into place – levelling adapter, holder and workpiece – fix with a few simple manual operations and start the machine.

Simple, quick and precise.
Mounting heads

**Levelling adapter, WEDM, 3R-272HP**

For manual mounting of SuperVice, a holder or a fixture in the WEDM system.

Note: All holders including HP can be mounted. Also fits the ICS system if the clamping jaw [17850-00] is changed.

- Adjustable in three axes
- Recommended maximum load 15 kg
- Weight 3.1 kg.

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**Fixed mounting head, WEDM, 3R-226.4**

For manual mounting of SuperVice, a holder or a fixture in the WEDM system.

Note: All holders including HP can be mounted. Also fits the ICS system if the clamping jaw [17850-00] is changed.

- Recommended maximum load 15 kg
- Weight 3.1 kg.

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**Levelling adapter, Macro, 3R-262HP**

For mounting SuperVice, a holder or a fixture in the Macro system.

Note: All holders including HP can be mounted.

- Adjustable in three axes
- Recommended maximum load 15 kg
- Adapted for automatic changing
- Ready for code carrier
- Weight 3.1 kg.

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**Fixed mounting head, Macro, 3R-266.4**

For manual mounting of SuperVice, a holder or a fixture in the Macro system.

Note: All holders including HP can be mounted.

- Recommended maximum load 15 kg
- Adapted for automatic changing
- Ready for code carrier
- Weight 3.1 kg.

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**Fixed mounting head, Macro, 3R-266.5**

For mounting SuperVice, a holder or a fixture in the Macro system.

Note: All holders including HP can be mounted.

- Recommended maximum load 15 kg
- Adapted to automatic changing with 3R-WP1
- Ready for code carrier
- Weight 2 kg.
Mounting heads & adapters

**Levelling adapter, Magnum MacroTwin, 3R-282.12HP**
For mounting Magnum holders in the MacroTwin system.
Note: All holders including HP can be mounted.
- Adjustable in three axes
- Recommended maximum load 15 kg
- Supplied with drawbars 3R-605.10 x2
- Adapted to automatic changing with 3R-W12-S
- Ready for code carrier
- Weight 4.2 kg.

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**Fixed mounting head, Magnum MacroTwin, 3R-266.12HP**
For manual mounting of Magnum holders in the MacroTwin system.
Note: All holders including HP can be mounted.
- Recommended maximum load 15 kg
- Supplied with drawbar 3R-605.10 x2
- Can be adapted to automatic changing with 3R-W12-S
- Ready for code carrier
- Weight 4.2 kg.

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**Levelling adapter, 3R-232S**
For mounting SuperVice, a holder or a fixture directly on the machine table.
Note: All holders including HP can be mounted.
- Recommended maximum load 15 kg
- Adjustable in three axes when clamped in the machine.
- Weight 4.3 kg.

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**Unimatic Adapter SuperVice/Macro WEDM, C 950 480**
Adapter for System 3R clamping elements with adaptation height 15 / 25 mm; with Unimatic dovetail slide.
- Functional height Unimatic: 40 mm / SuperVice/Macro: 15 / 25 mm
- Adaptation to Unimatic system C 950 150 or C 950 170 SuperVice/Macro to all clamping elements with functional height 15 / 25 mm
- Weight 1.3 kg.

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**Adapters**
For mounting ICS holders in WEDM, Macro and MacroTwin mounting heads.

- **C 457 940**
  - ICS A
- **C 457 960**
  - ICS B
- **C 457 980**
  - ICS C
Mounting heads, adapters & User kits

Adapter, C 950 280
For mounting Unimatic holders in WEDM, Macro and MacroTwin mounting heads.

User kit, 3R-243.2-1
3R-201J Adapter 90° x1
3R-204 Height adapter x1
3R-602.27-1 Manual chuck for Macro x1
3R-605.27RS Drawbar x1
3R-333-05 Allen key, 5 mm x1
User kits

User kit, 3R-242HP
3R-225 Reference stop x1
3R-272HP Levelling adapter HP x1
3R-292.3 SuperVice <100 mm x1
3R-293.3 SuperVice Ø-90 mm x1
3R-294.3 Vice <100 mm x1
3R-914.07 Torque wrench, 7Nm x1
3R-333-03 Allen key, 3 mm x1
3R-333-05 Allen key, 5 mm x1

User kit, 3R-242S-1
3R-232S Levelling adapter x1
3R-292.3 Universal holder x1
3R-333-03 Allen key, 3 mm x1
3R-333-05 Allen key, 5 mm x1

User kit, 3R-242S-3
3R-232S Levelling adapter x1
3R-292.3 Universal holder x1
3R-333-03 Allen key, 3 mm x1
3R-333-05 Allen key, 5 mm x1

User kit, 3R-242S-2
3R-232S Levelling adapter x1
3R-292.6S SuperVice Magnum x1
3R-333-03 Allen key, 3 mm x1
3R-333-05 Allen key, 5 mm x1

User kit, 3R-242S-4
3R-232S Levelling adapter x1
3R-262HP Levelling adapter Macro x1
3R-292.6S SuperVice Magnum x1
3R-605.26 Drawbar x1
3R-333-05 Allen key, 5 mm x1
45600-N03 Allen key, 3 mm x1
45600-N041 Allen key, 6 mm x1