A wide range of chuck adapters for clamping workpieces on pallets in the Macro, MacroJunior and Mini systems. An ever-growing field of application is the manufacture of precision parts for the medical industry, another is the manufacture of electrodes for die-sinking EDM.

The chuck adapters can interconnect all your machines to form a single system.
Chuck adapters

**Manual chuck, Macro, 3R-600.24-4RS**
Chuck for Macro holder. Mounts on a suitable fixture.
- Tightening torque 6 Nm
- Clamping force 6 kN
- Fixed index positions 4x90°
- Required drawbar 3R-605.2RS
- Ground front edge
- Weight 1 kg.

![Manual chuck, Macro, 3R-600.24-4RS](image1)

**Manual chuck, Macro, 3R-602.27-1**
Chuck adapter with lever for Macro holder in the WEDM system.
Note: When mounted on the reference element, the two clamping jaws must be tightened with the same torque, 4 Nm.
- Clamping force 6 kN
- Fixed index positions 4x90°
- Supplied with drawbar 3R-605.27RS
- Weight 1.1 kg.

![Manual chuck, Macro, 3R-602.27-1](image2)

**Pneumatic chuck, Macro, 3R-600.15-3**
Pneumatic chuck for permanent mounting on the machine table.
- Clamping force 4.5 kN
- Fixed index positions 4x90°
- Supplied with drawbar 3R-605.2RS
- Weight 0.8 kg.

![Pneumatic chuck, Macro, 3R-600.15-3](image3)

**Manual chuck, Macro, 3R-600.24RS**
- Tightening torque 6 Nm
- Clamping force 6 kN
- Fixed index positions 4x90°
- Required drawbar 3R-605.2RS
- Weight 0.7 kg.

![Manual chuck, Macro, 3R-600.24RS](image4)
Chuck adapters

**Manual chuck, Macro, 3R-600.23RS**
Manual chuck with mounting flange for Macro holder. Designed for permanent mounting.
- Clamping force 6 kN
- Fixed index positions 4x90°
- Required drawbar 3R-605.2RS
- Tightening torque 6 Nm
- Weight 0.7 kg.

**Manual chuck, Macro, 3R-622.2**
Chuck adapter for Macro holders in the WEDM system.
- Tightening torque 7 Nm
- Clamping force 6 kN
- Fixed index positions 4x90°
- Supplied with drawbar 3R-605.5RS
- Weight 1.9 kg.

**Manual chuck, Macro, D-30205**
Levelling head with both vertical and horizontal adjustment.
- Clamping force 6 kN
- Maximum workpiece load 6 Nm.
- Required drawbar 3R-605.2RS
- Tightening torque 6 Nm
- Maximum rpm 200.
- Weight 1.8 kg.

**Manual chuck, Macro, 3R-622.6**
Chuck adapter for mounting Macro holders 90° in the Macro system.
- Tightening torque 5 Nm
- Clamping force 6 kN
- Fixed index positions 4x90°
- Supplied with drawbar 3R-605.5RS
- Ready for code carrier holder 3R-U30638
- Can be adapted to automatic changing with 3R-WP1
- Weight 2.3 kg.
Chuck adapters

**3R-block, Macro, 3R-217-1**
Manual Macro chuck. For vertical or horizontal mounting on the machine table, or alternatively the WEDM system with the aid of 3R-SP6435.
- Tightening torque 6 Nm
- Clamping force 6 kN
- Fixed index positions 24x15°
- Required drawbar 3R-605.2RS
- Vernier scale
- Weight 5.4 kg.

**Manual chuck adapter 90°, Macro-Macro, 3R-652.9**
For horizontal mounting of Macro holders.
- Tightening torque 6 Nm
- Clamping force 6 kN
- Fixed index positions 4x90°
- Supplied with drawbar 3R-605.5RS
- Weight 2.4 kg.

**Manual chuck, MacroJunior, 3R-422.2**
Chuck adapter with axial locking screw for MacroJunior holders in the WEDM system.
- Tightening torque 7 Nm
- Clamping force 6 kN
- Fixed index positions 3x120°
- Weight 1.8 kg.

**Manual chuck adapter, MacroJunior, 3R-466.40RS**
Chuck adapter, stainless steel, for MacroJunior holders in the Macro system. Axial locking screw.
- Tightening torque 6 Nm
- Clamping force 6 kN
- Fixed index positions 3x120° and 4x90°
- Weight 0.4 kg.

**Manual chuck adapter, MacroJunior, 3R-606.9**
For horizontal mounting of MacroJunior holder in the Macro system. Axial locking screw.
- Tightening torque 6 Nm
- Clamping force 6 kN
- Fixed index positions 3x120°
- Adapted for automatic changing
- Weight 1.2 kg.
**Chuck adapters**

**Manual chuck adapter, Mini, 3R-252.1**
Chuck adapter with dual hydraulic chambers for Mini holders in the WEDM-system.
- Fixed index positions 4x90°
- Weight 1.6 kg.

**MiniBlock, 3R-202**
Manual chuck with dual hydraulic chambers for Mini holders. Vertical or horizontal mounting in the WEDM system.
- Fixed index positions 4x90°
- Weight 1.9 kg.

**Manual chuck adapter, Mini, 3R-222.2**
Chuck adapter with dual hydraulic chambers for Mini holders in the WEDM-system.
- Fixed index positions 2x90°
- Weight 2.5 kg.

**Locking ring key, 3R-605-GE**
To lift the drawbar locking ring.
- Supplied in sets of 2.

**Drawbars**

**3R-405.21RS**
- Drawbar Ø15x24 mm.

**3R-605.5RS**
- Drawbar Ø20x19 mm.

**3R-605.2RS**
- Drawbar Ø20x36.9 mm with flushing hole Ø7 mm.

**3R-605.27RS**
- Drawbar Ø20x27 mm.