ELECTRO PERMANENT MAGNETIC CHUCKS

with continuous transverse pole pitch $P=35, 65, 85$

Enhanced magnet system with demagnetisation cycle.
Optimised system for high holding forces.
Fully magnetically saturated system through flux concentration.
Version 220.76 quadratic (Pallet), Version 243.76 rectangular.

SAV 220.76
Pole pitch 35, 65

Use:
Heavy machining operations also on adapter pallet systems.
With demagnetisation cycle, therefore also for high alloy materials or hardened materials.
- for workpieces to a min. thickness $x$:
  8.0 mm at $P=35$ mm
  20.0 mm at $P=65$ mm
  32.0 mm at $P=85$ mm
- for flat workpieces min. area:
  70 mm x 70 mm at $P=35$ mm
  130 mm x 130 mm at $P=65$ mm
  180 mm x 180 mm at $P=85$ mm

Nominal holding force:
80 N/cm² at $P=35$ mm
100 N/cm² at $P=65$ mm
160 N/cm² at $P=85$ mm
regulated by use of the holding force coding switch on the control unit

Nominal operating voltage:
210 V

Features:
- Optimised holding force system with demagnetisation cycle
- Complete surface is magnetically active, no "dead zones"
- Solid monoblock design
- "True" pole spacings N/S
- Electro permanent system for absolute safety in the case of a power cut
- Electrical connection with industrial plug on front right side
- Pole gap with brass, wear protected
- 8 mm pole plate wear limit
- Optionally with grid tapped-hole pattern for pole beams or pole shoes possible (M)
- Pole pitches 65 mm and 85 mm optionally available with T-slots DIN 650-10H10 (T)
- Mounting slots on the short faces
- The quadratic design SAV 220.76 optionally available with zero point clamping system upon agreement
- Robust and waterproof
- Protection rating IP65
- Suitable for use with control unit SAV 876.12

Scope of delivery:
- Electrical connection with industrial plug
- Adaption for zero point reference system upon agreement at a surcharge
- Lifting bolts for transportation on larger models.
- Robot flange on request
ELECTRO PERMANENT MAGNETIC CHUCKS

with continuous transverse pole pitch for hard milling

**SAV 220.76-35**

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>P</th>
<th>Weight in kg</th>
<th>Control unit max. imp. current in A</th>
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<tbody>
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<td>320</td>
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**SAV 243.76-35**

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**SAV 220.76-65**

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**SAV 243.76-65**

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**SAV 243.76-85**

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For use with control unit SAV 876.12

Ordering example:
Electro Permanent Magnetic Chuck SAV 243.76 - 980 x 500 - 85 - 210 V - T
Ordering key SAV - No. - A x B - Pole pitch - Nominal voltage - Option