

## Overview

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# EFS 4020

## Electro Magnetic Chucks

**Product number** 2204 4020

## Description

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EFS Elektro magnetic chucks are available in small to medium sizes. They have a particularly fine pole pitch. Their use is particularly recommended for clamping small, thin parts from approx. 7x5x2mm on surface grinding machines. By using modern pole reversal control devices, the holding force can be regulated and the workpiece demagnetized after machining. EF magnetic chucks convince with uniform holding force over the entire clamping range, very high rigidity due to monoblock design and lowest heating - even with long switch-on times.

### Construction:

- Electro magnetic system, steel base body+pole plate.
- transverse or longitudinal pole pitch 1+3mm
- Nominal holding force approx. 100 N/cm<sup>2</sup>
- Magnetic field height approx. 6mm
- Pole plate wear 7mm
- Voltage 110 VDC
- Protection class IP 67

### Recommendation:

Precise electro magnetic chuck for grinding small, thin workpieces.

The standard scope of delivery includes 3m connection cable as well as a long and a short side stop bar.

Suitable pole reversal control units type USG are also available from us.

## Product information

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<b>Coil Voltage (V):</b>	110
<b>Dimension height (mm):</b>	85
<b>Dimension length (mm):</b>	400
<b>Dimension width (mm):</b>	200
<b>Nominal holding force (N / cm<sup>2</sup>):</b>	120
<b>Pole pitch (mm):</b>	Querpol 1+3
<b>Power (W):</b>	90