# **Alustar**



\$ 100% WATERTIGHT
\$ 30% LONGER LIFE
\$ 15% LESS WEIGHT

Compact top plate made of one piece of steel with radial poles

The aluminium base reduces the load on the machine tool spindle and increases the possible workpiece weight capacity

Recesses and threads on the underside of the base for holding to a suitable flange



High performance neodymium magnetic system

Very safe, self-locking mechanism to prevent chuck release during machining

Design with worm self-locking switching mechanism for infinitely adjustable clamping force

## When to choose an Alustar permanent magnetic chuck:

The Alustar permanent chuck is used during turning and grinding of ring-shaped workpieces. The chuck excels due to its low weight resulting from the aluminium design of the body. It can cope with a larger weight range of machined components. With this chuck, you have the possibility to machine the front, inner and outer diameter of the workpiece in one operation. The possibility of continuous control of the clamping force facilitates centring.

#### APPLICATION TECHNOLOGY CHUCK DIAMETER HOLDING FORCE POLES











Turning

Permanent

from 200 mm

140 N/cm<sup>2</sup>

Radial

## Other important parameters:

Min. workpiece diameter: 40 mm Regrinding limit: 5 mm

#### **Additional information:**

- optional accessories include additional pole plates for clamping shaped parts
- + on request, the top plate can be supplied with T-slots

Catalog number	D (mm)	H (mm)	<b>D1</b> (mm)	E (mm)	F (mm)	<b>Weight</b> (kg)	Number of poles
ALUS20D200	200	79	20	110	180	11,5	12
ALUS20D250	250	79	30	166	220	18	16
ALUS20D300	300	82	38	180	260	27	16
ALUS20D350	350	82	40	220	300	36	20
ALUS20D400	400	84	40	260	340	47	20
ALUS30D500	500	109	50	330	400	98	24
ALUS30D600	600	109	90	350	450	142	30

#### Use:

turning and grinding of round workpieces

