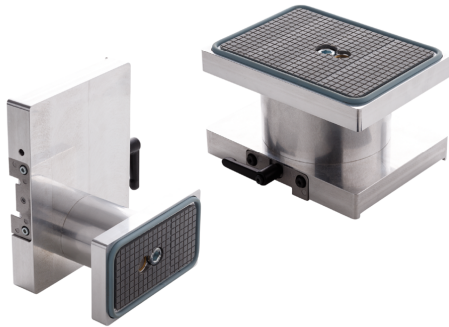
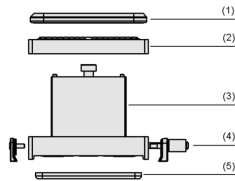


# Vacuum Blocks VCBL-K1-HD

Height 100 mm and 125 mm



Vacuum Blocks VCBL-K1-HD



System design Vacuum Blocks VCBL-K1-HD



Vacuum block VCBL-K1-HD when clamping of solid wood

## Suitability for industry specific applications

### Applications

- Hose-free vacuum clamping system for CNC machining centers with console table (single-circuit system)
- Flexible use for sensitive and thin components up to rough surfaces and solid wood
- Optimized for high cutting forces when machining solid wood, solid surface materials and laminates
- Precise positioning and safe machining thanks to mechanical pre-fixing on the console
- Can also be used for complex workpiece geometries due to rotatable suction plate in 15° steps

### Design

- Adaptable foam rubber sealing gasket (1), can also be used for structured surfaces
- Rotatable and exchangeable suction plate (2), with integrated NFC tag for reading product data via smartphone
- Robust main body (3) made of aluminum for highest stability and optimum milling results
- Mechanical clamping (4) suitable for 1-circuit console tables
- Sealing frame (5) for sealing to the console

### Product highlights

- Savings in set-up processes thanks to flat elastomer friction pad for a wide range of applications
- High holding force and lateral force absorption ensure process safe machining and help avoid scrap
- Rotatability of the suction plate in 15° steps allows flexible adaptation to the workpiece contour
- Adaptable sealing for clamping rough surfaces
- The mechanical clamping provides excellent stability during the set-up process and machining

Designation code Vacuum Blocks VCBL-K1-HD

# Vacuum Blocks VCBL-K1-HD

Height 100 mm and 125 mm

VCBL-K1-HD	-	170x128	-	x100	-	S-360-15	-	TV
1		2		3		4		5

**1 – Abbreviated designation**

Code	Type
VCBL-K1-HD	Vacuum block, heavy duty, single-circuit console system

**2 – Suction area**

Code	LxW in mm
170x128...	170x128 to 128x60
128x60	

**3 – Height**

Code	Height in mm
x100...	100 to 125
x125	

**4 – Product addition**

Code	Type
S-360-15	Rotatable in 15° steps

**5 – Product addition**

Code	Type
TV	With touch valve

The vacuum block VCBL-K1-HD is delivered assembled. The product consists of:

- Replaceable suction plate with sealing gasket, available in various dimensions
- Main body made of aluminum with mechanical clamping

Available spare parts: sealing gasket, suction plate

Available accessories: clamping

## Ordering data Vacuum Blocks VCBL-K1-HD

Type				170x128	128x75	128x60
VCBL-K1-HD	100	S-360-15	-	10.01.12.05273	10.01.12.05274	10.01.12.05312
VCBL-K1-HD	100	S-360-15	TV	10.01.12.05284	10.01.12.05283	10.01.12.05318
VCBL-K1-HD	125	S-360-15	-	10.01.12.05323	10.01.12.05322	10.01.12.05324
VCBL-K1-HD	125	S-360-15	TV	10.01.12.05330	10.01.12.05328	10.01.12.05329

## Ordering data Spare parts Vacuum Blocks VCBL-K1-HD

Type	Spare parts		Part no.
VCBL-K1-HD	170x128	Suction plate (top)	VCSP-O 170x128x19.5 RB 10.01.12.05226
VCBL-K1-HD	128x75	Suction plate (top)	VCSP-O 128x75x19.5 RB 10.01.12.05232
VCBL-K1-HD	128x60	Suction plate (top)	VCSP-O 128x60x19.5 RB 10.01.12.05310

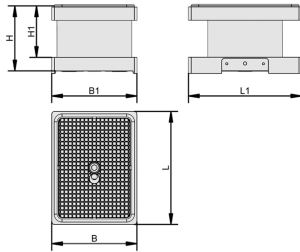
Type	Spare parts		Part no.
VCBL-K1-HD	-	Sieve, round	SIEB 15x0.8 MS-A2 0.103/0.07 10.07.01.00211
VCBL-K1-HD	TV	Touch Valve	TV D9 4.3 10.01.12.02514

Spare parts		Part no.
Sealing frame (bottom)	VCDR 166x113x6.6 VCBL-K1	10.01.12.03629
O-ring	O-RING 50x2.5 NBR-70	10.07.08.00073
Machine screw	SCHR 4762 M10x30 ST-8.8 VZ	20.01.02.02003

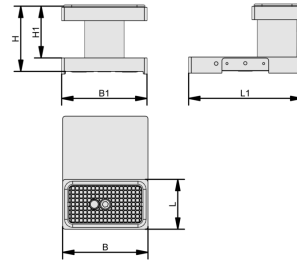
## Vacuum Blocks VCBL-K1-HD

Height 100 mm and 125 mm

### Design data Vacuum Blocks VCBL-K1-HD



VCBL-K1-HD 170x128



VCBL-K1-HD 128x60 - VCBL-K1-HD 128x75

## Vacuum Blocks VCBL-K1-HD

Height 100 mm and 125 mm

### Design data Vacuum Blocks VCBL-K1-HD

Type		B [mm]	B1 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]
VCBL-K1-HD	170x128	128	128	100	107	170	170
VCBL-K1-HD	128x75	128	128	100	107	75	170
VCBL-K1-HD	128x60	128	128	100	107	60	170