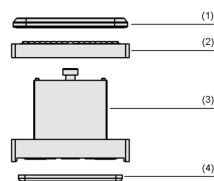


Vacuum Blocks VCBL-K2-HD

Height 100 mm and 125 mm



Vacuum Blocks VCBL-K2-HD



System design Vacuum Blocks VCBL-K2-HD



Vacuum block VCBL-K2-HD when clamping solid wood

Suitability for industry specific applications

Application

- Hose-free vacuum clamping system for CNC machining centers with console table (2-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 pre-fixing by vacuum or mechanical clamping on the console
- Can also be used for complex workpiece geometries thanks to suction plate rotatable 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 maximum stability and an optimal milling result
- Sealing frame (4) for sealing to the console

Product highlights

- Savings in set-up processes due to the flat elastomer friction pad for a wide range of applications
- Higher holding force and lateral force absorption ensure process safe machining and avoidance of scrap
- Rotatability of the suction plate in 15° steps allows flexible adaptation to the workpiece geometry
- Adaptable seal allows clamping of even rough surfaces
- Accessories for repeatability clamping and positioning

 Designation code Vacuum Blocks VCBL-K2-HD

Vacuum Blocks VCBL-K2-HD

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VCBL-K2-HD	–	170x128	–	x100	–	S-360-15	–	TV
1		2		3		4		5

1 – Abbreviated designation

Code	Type
VCBL-K2-HD	Vacuum block, heavy duty, two-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-K2-HD is delivered assembled. The product consists of:

- Expandable and replaceable suction plate with sealing cord, available in different dimensions
- Base body made of aluminum, optionally with mechanical clamp

Available spare parts: Sealing cord, suction plate

Available accessories: Clamping

Ordering data Vacuum Blocks VCBL-K2-HD

Type				170x128	128x75	128x60
VCBL-K2-HD	100	S-360-15	-	10.01.12.05221	10.01.12.05228	10.01.12.05311
VCBL-K2-HD	100	S-360-15	TV	10.01.12.05282	10.01.12.05281	10.01.12.05317
VCBL-K2-HD	125	S-360-15	-	10.01.12.05320	10.01.12.05319	10.01.12.05321
VCBL-K2-HD	125	S-360-15	TV	10.01.12.05327	10.01.12.05325	10.01.12.05326

Ordering data Spare parts Vacuum Blocks VCBL-K2-HD

Type		Spare parts	Part no.
VCBL-K2-HD	170x128	Suction plate (top)	VCSP-O 170x128x19.5 RB AL
VCBL-K2-HD	128x75	Suction plate (top)	VCSP-O 128x75x19.5 RB AL
VCBL-K2-HD	128x60	Suction plate (top)	VCSP-O 128x60x19.5 RB AL

Type		Spare parts	Part no.
VCBL-K2-HD	-	Sieve, round	SIEB 15x0.8 MS-A2 0.103/0.07
VCBL-K2-HD	TV	O-ring	O-RING 50x2.5 NBR-70

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

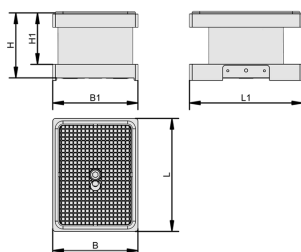
Ordering data Accessories Vacuum Blocks VCBL-K2-HD

Accessories	Part no.
Clamping unit	KLEM-EINH 70x24.5x4.5 VCMC-K2

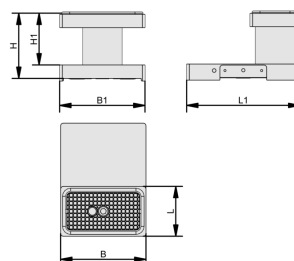
Vacuum Blocks VCBL-K2-HD

Height 100 mm and 125 mm

Design data Vacuum Blocks VCBL-K2-HD



VCBL-K2-HD 170x128



VCBL-K2-HD 128x60 - VCBL-K2-HD 128x75

Vacuum Blocks VCBL-K2-HD

Height 100 mm and 125 mm

Design data Vacuum Blocks VCBL-K2-HD

Type		B [mm]	B1 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]
VCBL-K2-HD	170x128	128	128	100	107	170	170
VCBL-K2-HD	128x75	128	128	100	107	75	170
VCBL-K2-HD	128x60	128	128	100	107	60	170