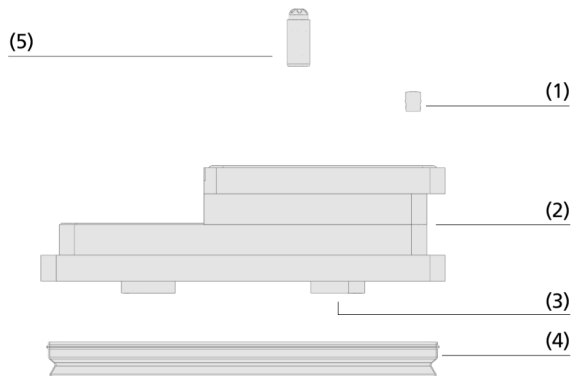


Vacuum block VCBL-R

Height 25 mm, 45 mm and 125 mm



Vacuum block VCBL-R



System design Vacuum block VCBL-R



Vacuum blocks VCBL-R for clamping particle boards

Suitability for industry specific applications

Applications

- Vacuum clamping system for CNC machining centers with grid tables
- Suitable for all common grid geometries (slot width 6 mm to 7.5 mm, slot depth 6 mm to 7 mm)
- Suitable for complex five-axis processing, such as the production of recesses and the trimming of panels
- Simple and fast positioning of the vacuum blocks with the corresponding positioning inserts
- Safe and non-slip clamping of the workpiece with the special friction pad on the suction area

Design

- Friction pad (1) for absorption of lateral forces
- Robust main body (2) made of plastic
- Positioning insert (3) for various groove widths
- Inserts are easy to change so that the vacuum block can be used for different grid sizes
- Sealing frame (4)
- Touch valve (5) made of soft plastic

Product highlights

- Highest holding forces in wood applications thanks to optimized seals and friction pads
- Highest dimensional accuracy for more precision in the production process
- Wide range of products offers maximum flexibility and enables short set-up times
- Different overall heights allow even complex lateral processing
- Long service life and fast, cost-effective replacement of spare parts

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Height 25 mm, 45 mm and 125 mm

Designation code Vacuum block VCBL-R

VCBL-R	–	160x160	–	x125	–	30x30	–	TV
1		2		3		4		5

1 – Abbreviated designation

Code	Type
VCBL-R	Vacuum block, grid table system

2 – Suction area

Code	LxW in mm
160x160...	160x160 to 110x110
110x110	

3 – Height

Code	Height in mm
x25...x150	25 to 150

4 – Grid dimensions

Code	Grid dimension in mm
30x30	30x30
30/50	30x30 to 50x50
40x40	40x40

5 – Product addition

Code	Type
TV	With touch valve

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

- Top sealing frame type VCDR
- Main body made of plastic
- Bottom sealing frame

Available spare parts: touch valve, locking angle and screws, seals and friction pads

Ordering data Vacuum block VCBL-R

Type				Dimensions (LxW):		
				160x160	160x96	110x110
VCBL-R	25	30/50	TV	10.01.12.02674	10.01.12.02676	-
VCBL-R	25	40x40	TV	10.01.12.02675	10.01.12.02677	-
VCBL-R	45	30x30	TV	-	-	10.01.12.02883
VCBL-R	45	30/50	TV	10.01.12.02670	10.01.12.02672	-
VCBL-R	45	40x40	TV	10.01.12.02671	10.01.12.02673	-
VCBL-R	125	30/50	TV	10.01.12.03421	10.01.12.03422	-
VCBL-R	150	30/50	TV	10.01.12.03112	-	-

Ordering data Spare parts Vacuum block VCBL-R

Type	Spare parts		Part no.
VCBL-R	160x160	DR 188/180x6 MOS NK-20	10.01.12.02901
VCBL-R	160x96	DR 141/149x6 MOS NK-20	10.01.12.02902

Type	Part no.
Touch Valve	TV D9 4.3 10.01.12.02514

Type*	Part no.
Locking angle and screws	ERS VCBL-R Winkel 10.01.12.02691
Seals and friction pads	ERS VCBL-R 10.01.12.02693

*Spare parts do not match VCBL-R 110x110

Vacuum block VCBL-R

Height 25 mm, 45 mm and 125 mm

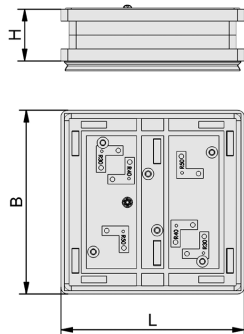
Technical data Vacuum block VCBL-R

Type	Recommended slot width x slot depth [mm]
VCBL-R 160x160x25 30/50 TV	6,5/7,5
VCBL-R 160x160x25 40x40 TV	6,5/7,5
VCBL-R 160x160x45 30/50 TV	6,5/7,5
VCBL-R 160x160x45 40x40 TV	6,5/7,5
VCBL-R 160x160x125 30/50 TV	6,5/7,5
VCBL-R 160x160x150 30/50 TV	6x7
VCBL-R 160x96x25 30/50 TV	6,5/7,5
VCBL-R 160x96x25 40x40 TV	6,5/7,5
VCBL-R 160x96x45 30/50 TV	6,5/7,5
VCBL-R 160x96x45 40x40 TV	6,5/7,5
VCBL-R 160x96x125 30/50 TV	6,5/7,5
VCBL-R 110x110x45 30x30 TV	6,4x6,1

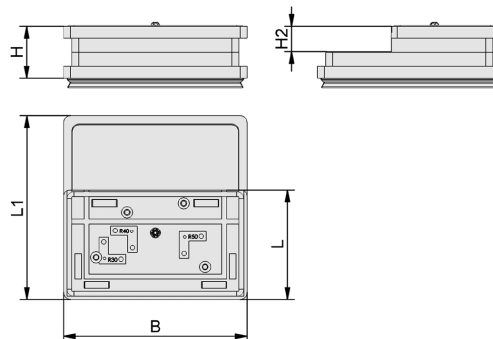
Vacuum block VCBL-R

Height 25 mm, 45 mm and 125 mm

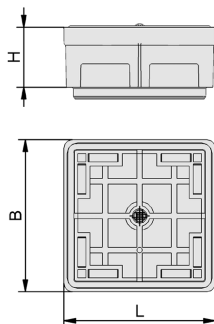
Design data Vacuum block VCBL-R



VCBL-R 160x160



VCBL-R 160x96



VCBL-R 110x110

Vacuum block VCBL-R

Height 25 mm, 45 mm and 125 mm

Design data Vacuum block VCBL-R

Type	B [mm]	H [mm]	H2 [mm]	L [mm]	L1 [mm]
VCBL-R 160x160x25 30/50 TV	160	25	-	160	-
VCBL-R 160x160x25 40x40 TV	160	25	-	160	-
VCBL-R 160x96x25 30/50 TV	80	25	12	160	160
VCBL-R 160x96x25 40x40 TV	80	25	12	160	160
VCBL-R 160x160x45 30/50 TV	160	45	-	160	-
VCBL-R 160x160x45 40x40 TV	160	45	-	160	-
VCBL-R 160x96x45 30/50 TV	96	45	22	160	160
VCBL-R 160x96x45 40x40 TV	80	45	22	160	160
VCBL-R 160x96x125 30/50 TV	96	125	102	160	160
VCBL-R 110x110x45 30x30 TV	110	45	-	110	-

Multimedia product presentation

Medium	Link
Product video	https://vimeo.com/233796396 https://vimeo.com/260009196