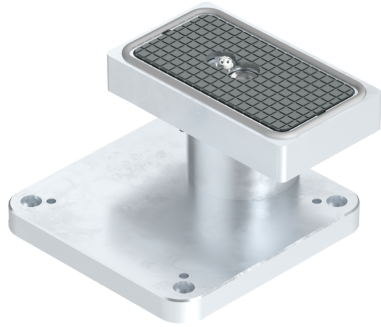
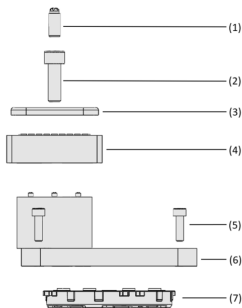


## Vacuum Blocks VCBL-B-HD

Height 48 mm and 74 mm



Vacuum Blocks VCBL-B-HD



System design Vacuum Blocks VCBL-B-HD

### Product highlights

- High holding force and lateral force absorption ensures reliable machining and avoids scrap
- Savings in makeready due to the wide range of applications
- Rotatability of the suction plate allows flexible adaptation to the workpiece geometry
- Adaptable seal allows clamping of rough surfaces
- The screw union of the suction cup with the suction cup mounting ensures outstanding stability during machining

Designation code Vacuum Blocks VCBL-B-HD

### Suitability for industry specific applications

#### Applications

- Hose-free Schmalz vacuum clamping system for Biesse console tables with matching suction cup mounting
- 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
- Additional mounting possibilities enable screw union with the suction cup mounting
- The integrated touch valve allows vacuum blocks that are not required to remain on the machine table

#### Design

- Touch valve (1) made of soft plastics
- Central screw (2) for fixing the rotatable suction plate
- Adaptable sealing gasket (3) can also be used for textured surfaces
- Suction plate (4) is rotatable and interchangeable, with integrated NFC tag for reading product data via smartphone
- Screw (5) to firmly connect the robust main body (6) to the suction cup mounting
- Adapter ring made of plastics for the standard Biesse suction cup holder (7)

# Vacuum Blocks VCBL-B-HD

Height 48 mm and 74 mm

<b>VCBL-B-HD</b>	–	<b>140x130</b>	–	<b>x48</b>	–	<b>S-360-15</b>	–	<b>TV</b>
<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>		<b>5</b>

**1 – Abbreviated designation**

Code	Version
VCBL-B-HD	Vacuum block, heavy duty, Biesse system

**2 – Suction area**

Code	LxW in mm
140x130...	140x130 to 128x60
128x60	

**3 – Height**

Code	Height in mm
x48...	48 to 74
x74	

**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-B-HD is delivered assembled. The product consists of:

- rotatable suction plate
- aluminum main body

Available spare parts: touch valve, sealing gasket, suction plate, screw M10, O-ring

## Ordering data Vacuum Blocks VCBL-B-HD

Type				Dimensions (LxW):		
				140x130	128x75	128x60
VCBL-B-HD	74	S-360-15	TV	10.01.12.05392	10.01.12.05393	10.01.12.05394
VCBL-B-HD	48	S-360-15	TV	10.01.12.05395	10.01.12.05396	10.01.12.05397

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

Type	Spare parts			Part no.
VCBL-B-HD	140x130	Suction plate (top)	VCSP-O 140x130x19.5 RB AL	10.01.12.05404
VCBL-B-HD	128x75	Suction plate (top)	VCSP-O 128x75x19.5 RB AL	10.01.12.05232
VCBL-B-HD	128x60	Suction plate (top)	VCSP-O 128x60x19.5 RB AL	10.01.12.05310

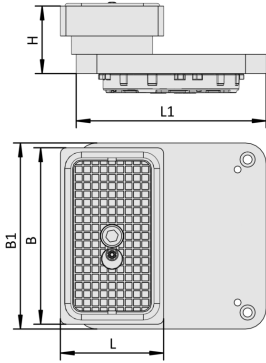
Type	Spare parts			Part no.
VCBL-B-HD	140x130	Sealing profile	DI-PROF 4x6x476	10.01.12.05401
VCBL-B-HD	128x75	Sealing profile	DI-PROF 4x6x348 MOS	10.01.12.05227
VCBL-B-HD	128x60	Sealing profile	DI-PROF 4x6x318 MOS	10.01.12.05307

Spare parts			Part no.
Touch Valve	TV D9 4.3		10.01.12.02514
Machine screw	SCHR 4762 M10x30 ST-8.8 VZ		20.01.02.02003
O-ring	O-RING 50x2.5 NBR-70		10.07.08.00073

## Vacuum Blocks VCBL-B-HD

Height 48 mm and 74 mm

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



VCBL-B-HD

## Vacuum Blocks VCBL-B-HD

Height 48 mm and 74 mm

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

Type	B [mm]	B1 [mm]	H [mm]	L [mm]	L1 [mm]
VCBL-B-HD 140x130x48 S-360-15 TV	130	130	48	140	130
VCBL-B-HD 140x130x74 S-360-15 TV	130	130	74	140	130
VCBL-B-HD 128x75x48 S-360-15 TV	75	135	48	128	138
VCBL-B-HD 128x75x74 S-360-15 TV	75	135	74	128	138
VCBL-B-HD 128x60x48 S-360-15 TV	60	135	48	128	138
VCBL-B-HD 128x60x74 S-360-15 TV	60	135	74	128	138

### Multimedia product presentation

Medium	Link
Product video	<a href="https://vimeo.com/178568576">https://vimeo.com/178568576</a> <a href="https://vimeo.com/194826873">https://vimeo.com/194826873</a> <a href="https://vimeo.com/193850139">https://vimeo.com/193850139</a> <a href="https://vimeo.com/260009196">https://vimeo.com/260009196</a>