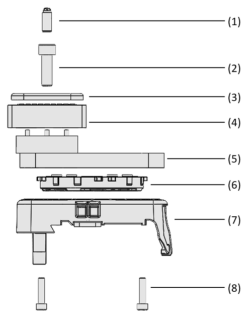


Vacuum Blocks VCBL-S6-HD

Height 75 mm and 110 mm



Vacuum Blocks VCBL-S6-HD



System design Vacuum Blocks VCBL-S6-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 processing

Designation code Vacuum Blocks VCBL-S6-HD

Suitability for industry specific applications

Applications

- Modular system for use on SCM and Morbidelli console tables, compatible with original equipment
- Flexible use from sensitive and thin components to rough surfaces and solid wood
- Optimized for high cutting forces when machining solid wood, solid surface materials and laminates
- The integrated touch valve allows vacuum blocks that are not required to remain on the machine table
- Can also be used for Flexmatic machine tables with automatic positioning and Start/Pilot with position detection thanks to the accessories switching cam and magnet

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 (8) to firmly connect the robust main body (5) firmly to the suction cup mounting (7)
- Adapter ring (6) made of plastics as interface for suction cup mounting

Vacuum Blocks VCBL-S6-HD

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VCBL-S6-HD	–	140x130	–	x75	–	S-360-15	–	TV
1		2		3		4		5

1 – Abbreviated designation

Code	Version
VCBL-S6-HD	Vacuum block, heavy duty, SCM / Morbidelli TV system
VCBL-S6-HD-CUP	Suction cup, heavy duty, SCM / Morbidelli TV system

2 – Suction area

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

3 – Height

Code	Height in mm
x50...	50 to 110
x110	

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-S6-HD is delivered assembled. The product consists of:

- rotatable suction plate
- aluminum main body

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

Available accessories: switching cams, magnet for start and pilot machine tables

Ordering data Vacuum Blocks VCBL-S6-HD

Type				Dimensions (LxW):		
				140x130	128x75	128x60
VCBL-S6-HD	75	TV	10.01.12.05500	10.01.12.05502	10.01.12.05503	
VCBL-S6-HD	110	TV	10.01.12.05504	10.01.12.05505	10.01.12.05506	
VCBL-S6-HD-CUP	50	TV	10.01.12.05386	10.01.12.05387	10.01.12.05388	
VCBL-S6-HD-CUP	85	TV	10.01.12.05389	10.01.12.05390	10.01.12.05391	

Ordering data Spare parts Vacuum Blocks VCBL-S6-HD

Type	Spare parts			Part no.
VCBL-S6-HD	140x130	Suction plate (top)	VCSP-O 140x130x19.5 RB AL	10.01.12.05404
VCBL-S6-HD	128x75	Suction plate (top)	VCSP-O 128x75x19.5 RB AL	10.01.12.05232
VCBL-S6-HD	128x60	Suction plate (top)	VCSP-O 128x60x19.5 RB AL	10.01.12.05310
VCBL-S6-HD-CUP	140x130	Suction plate (top)	VCSP-O 140x130x19.5 RB AL	10.01.12.05404
VCBL-S6-HD-CUP	128x75	Suction plate (top)	VCSP-O 128x75x19.5 RB AL	10.01.12.05232
VCBL-S6-HD-CUP	128x60	Suction plate (top)	VCSP-O 128x60x19.5 RB AL	10.01.12.05310

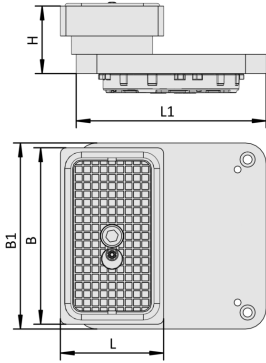
Type	Spare parts			Part no.
VCBL-S6-HD	140x130	Sealing profile	DI-PROF 4x6x476	10.01.12.05401
VCBL-S6-HD	128x75	Sealing profile	DI-PROF 4x6x348 MOS	10.01.12.05227
VCBL-S6-HD	128x60	Sealing profile	DI-PROF 4x6x318 MOS	10.01.12.05307
VCBL-S6-HD-CUP	140x130	Sealing profile	DI-PROF 4x6x476	10.01.12.05401
VCBL-S6-HD-CUP	128x75	Sealing profile	DI-PROF 4x6x348 MOS	10.01.12.05227
VCBL-S6-HD-CUP	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-S6-HD

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Design data Vacuum Blocks VCBL-S6-HD



VCBL-S6-HD, VCBL-S6-HD-CUP

Vacuum Blocks VCBL-S6-HD

Height 75 mm and 110 mm

Design data Vacuum Blocks VCBL-S6-HD

Type	B [mm]	B1 [mm]	H [mm]	L [mm]	L1 [mm]	L2 [mm]
VCBL-S6-HD 140x130x75 TV	130	130	75	140	130	104
VCBL-S6-HD 128x75x75 TV	75	135	75	128	138	104
VCBL-S6-HD 128x60x75 TV	60	135	75	128	138	104
VCBL-S6-HD 140x130x110 TV	130	130	110	140	130	104
VCBL-S6-HD 128x75x110 TV	75	135	110	128	138	104
VCBL-S6-HD 128x60x110 TV	60	135	110	128	138	104
VCBL-S6-HD-CUP 140x130x50 TV	130	130	50	140	130	-
VCBL-S6-HD-CUP 128x75x50 TV	75	135	50	128	138	-
VCBL-S6-HD-CUP 128x60x50 TV	60	135	50	128	138	-
VCBL-S6-HD-CUP 140x130x85 TV	130	130	85	140	130	-
VCBL-S6-HD-CUP 128x75x85 TV	75	135	85	128	138	-
VCBL-S6-HD-CUP 128x60x85 TV	60	135	85	128	138	-