



Metal Isolation Mount V43 – V46 and V43HW – V46HW

All metal mounts for vibration isolation of machine tools with high dynamic forces where damping also is required. The elastic element is made up of a stainless steel wire mesh 18/8 resilient cushion fixed under the locating foot in cast iron with paint protection. Suffix "H" with house and levelling screw.

Product Characteristics

An all metal mounting with a natural frequency of 15-20 Hz within a wide load range. Progressive spring-rate. Designed to absorb high static and dynamic forces.
For compression loads only.

Maximum excitation amplitude: ± 0.4 mm.

Dynamic overloading: 5 g.

Magnification factor (Q): < 4 .

Temperature range: -90°C to $+300^{\circ}\text{C}$.

V43HW-V46HW includes an upper housing, a levelling screw, locking nut and washer.

Product Applications

Vibration isolation of very disturbing machine tools or where a high degree of damping is required: All types of presses, guillotines, bending-and rolling machines. Suspension of rotating machines operating at over 2500 rpm. Can also be used for stabilisation of exhaust pipes.

Installation

- Raise the machine
- Place the mounts under the machine and fasten the bolts
- Lower the machine until it rests on the mounts
- Level the machine and lock the nuts.

Note

For greater static loads, multiple elastic element packages are used (consult us for more information).

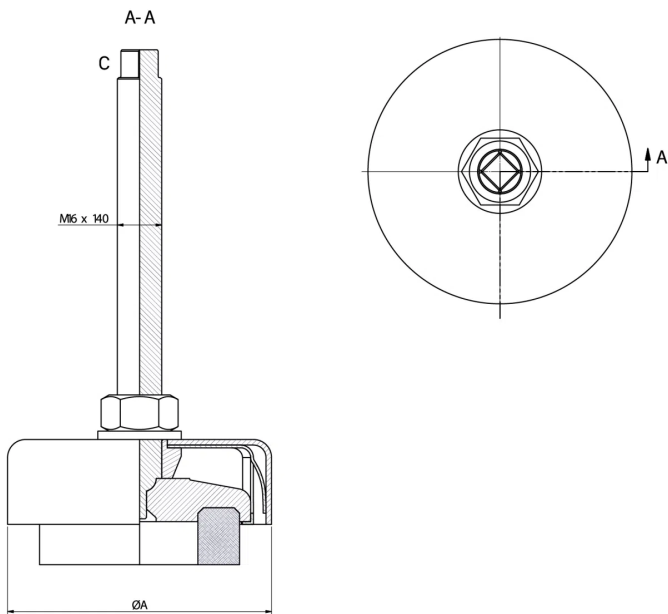


Fig 1.
V43W-V46W

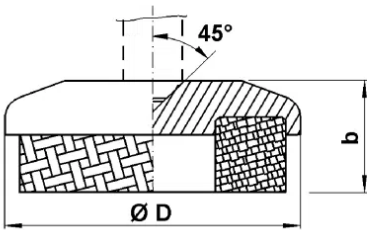
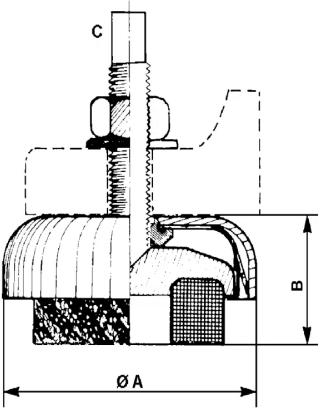


Fig 2.
V43HW-V46HW includes an upper housing,
a levelling screw, locking nut and washer.



Dimensions

Ref	ØA	b	Weight (kg)
		free	
V43W	80	31	0.4
V44W	80	31	0.5
V45W	128	36	1.1
V46W	170	43	3.3

Dimensions V43HW-V46HW

Ref	ØA	B	C	Weight (kg)
		free		
V43HW	95	45	M16 × 140	0.9
V44HW	95	45	M16 × 140	1.1
V45HW	155	56	M20 × 160	2.9
V46HW	190	66	M27 × 160	6.5

Load Ranges

Ref.	Load range in daN (≈kg)	
	Static	Dynamic
V43W, -HW	50 - 350	1200
V44W, -HW	300 - 1500	4500
V45W, -HW	1000 - 3000	9000
V46W, -HW	2000 - 7000	21000



Contact information

Sweden	Norway	Denmark	Estonia	Finland	India
+46 176207880 info@vibratec.se	+47 33070750 info@vibratec.no	+45 49132244 info@vibratec.dk	+372 56627990 info@vibratec.ee	+35 8402589117 palvelu@3di.fi	+91 7755996308 rc@vibratec.in
 vibratec.org/linkedin  vibratec.org/youtube  vibratec.org/vimeo					