



## ALL METAL cushion

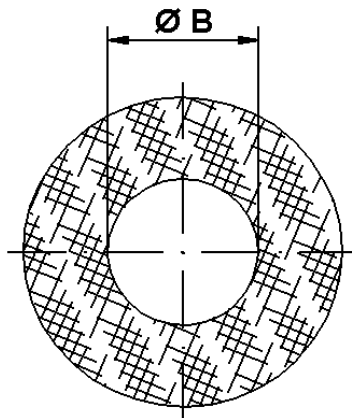
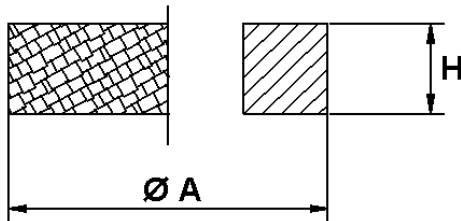
### Description

All metal resilient element produced of 18/8 steel mesh. The progressive spring rate yields an almost constant natural frequency over a wide load range. The element is non creeping, has excellent resistance to oils, solvents, water, chemical agents and to extremes of temperature.

Cushions are also available in AISI 316 stainless wire and other special metals.

### Characteristics

Natural frequency: 15-20 Hz.  
Maximum excitation amplitude: 0,3 mm.  
Damping ratio: 15-20 %.  
Amplification factor: <4.  
Dynamic overload: 5 g  
Temperature range: -90 °C to +300 °C.



Ref.	Load range, daN (≈kg)
Vi 166B	20-250
MC 345	100-1500
CH 281	1000-3000
CH 283	2000-7000

### Applications

Vibration isolation for all kind of heavy units, gas turbines, off-shore accommodation modules etc. Protection from high dynamic forces (impacts) of punching machines, power presses, etc. Very useful as "snubber" for suspended marine equipment such as auxiliary engines.

Ref.	A	B	S	H
VI 166B	55	16	18	15
MC 345	72	34	19	21
CH 281	120	34	43	21
CH 283	160	70	43	21

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