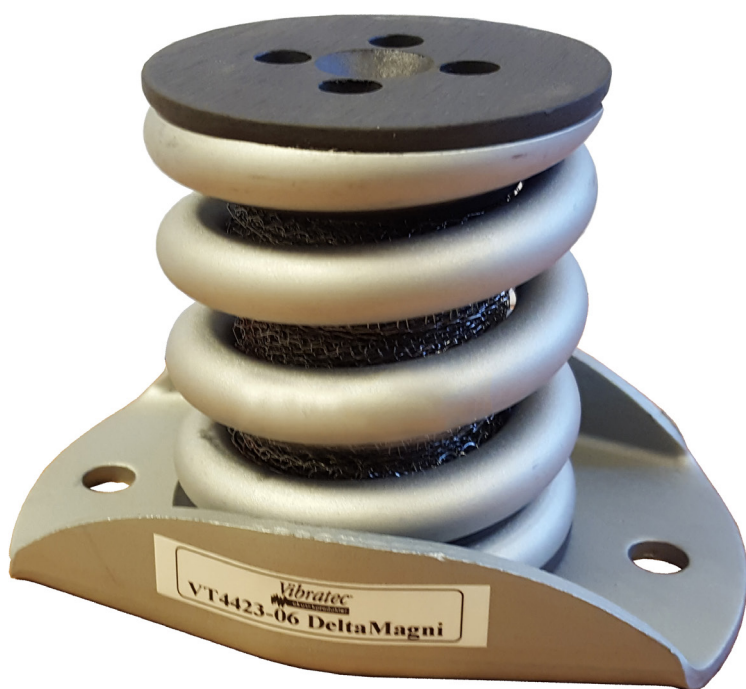
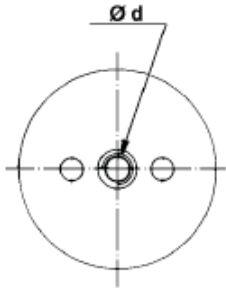
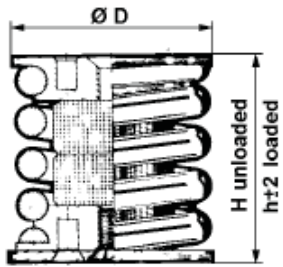
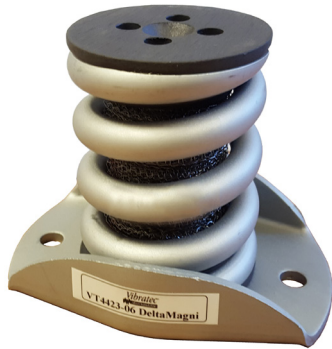


# VT4422-23-DM

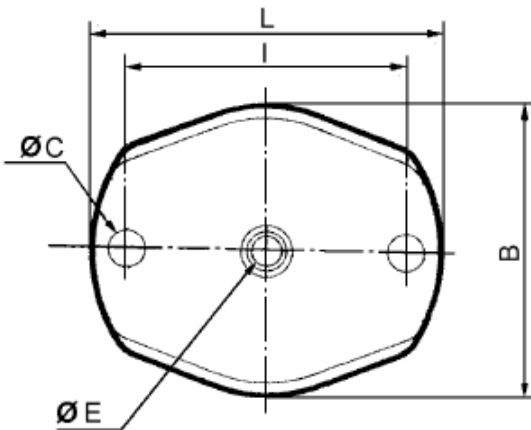
Spring Isolator (Delta Magni Treatment)



**Vibratec**<sup>®</sup>  
akustikprodukter



Ref.	D	d	H	h
VT4422	78	M12	88	78
VT4423				



Mounting flange, thickness = t

Ref.	L	I	B	C	F	t
VT4422	140	110	100	11	13	4
VT4423						

## Description

Springs for use in harsh environment, outdoors in marine and offshore applications

The springs are corrosion protected with pre-treatment Delta-Seal (zinc particles) and final surface treatment Magni 565. This provides high-class anti-corrosion protection and is particularly suited for springs without causing risk of hydrogen embrittlement.

The end aluminum scrolls are protected with hard anodizing. This is an electrolytic surface treatment of aluminum which provides a very hard, corrosion resistant surface.

Weights (depending on suffix):

VT4422, VT4423: 1.20 - 1.50 kg

Natural frequency:

VT4422: 6 - 8 Hz

VT4423: 5 - 6 Hz

Amplification factor:

VT4422: < 4

VT4423: < 5

## Characteristics

Very soft isolators designed for loading in compression only.

Maximum excitation amplitude:  $\pm 1$  mm.

Mechanical strength: 2 g.

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

Suffix	Load range in daN ( $\approx$ kg)	
	VT4422	VT4423
-01	40 - 85	30 - 50
-02	65 - 125	50 - 80
-03	110 - 190	80 - 125
-04	175 - 270	125 - 195
-05	250 - 400	195 - 310
-06	360 - 560	310 - 420

## Applications

Isolation of machines rotating at 600 rpm and above (VT4423) or 800 rpm and (VT4422) – fans, compressors, generating sets, engines etc. with or without seismic blocks. Protection of fragile equipment from vibrations.

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