

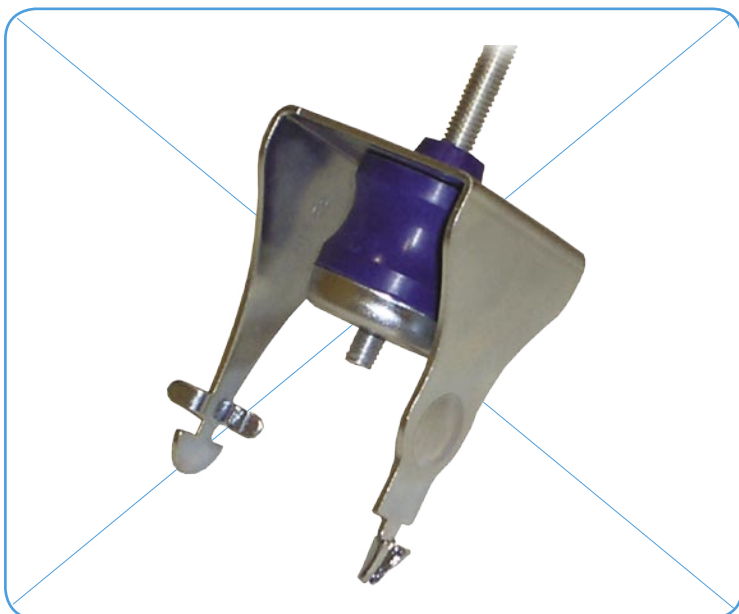
# MODEL PL 50

## RUBBER ACOUSTIC ISOLATOR

Adapted for use with notched profiles (serrated edge).

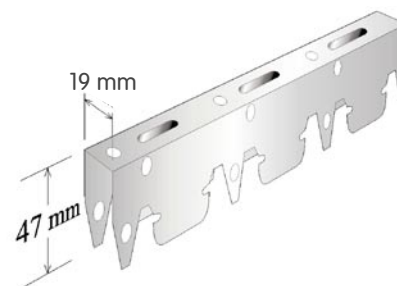
It has a unique means of facilitating levelling, thanks to its aperture, by means of which the isolator can be made to slide up the rod towards the structural slab, leaving the cap free. Positioning is fast and simple; there is no need to use nuts and bolts. It incorporates an original security system, which, with a simple turn, prevents the profile from coming loose.

Its elastic component incorporates an exclusive design enabling a more secure fit of the cap, thus enhancing its performance in reducing vibrations



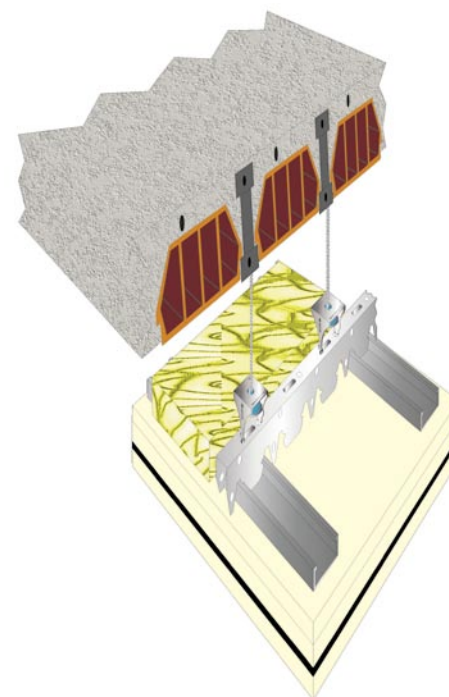
### FRAMMINGS/CHANNELS

Serrated edge



### RANGE OF APPLICATION

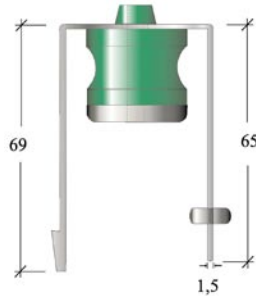
Acoustic, decorative suspended ceilings, etc.



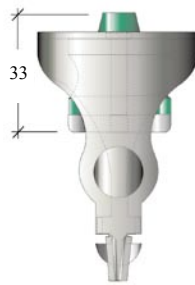
REF.	MODEL	FRAMING	PACK.	COLOR	METRIC	MIN-MAX (Kg) LOAD
SE-PL-50 V	PL	SAW	100 U/B	■	M-6	12-30
SE-PL-50 A	PL	SAW	100 U/B	■	M-6	30-50

## DIMENSIONS Mod. PL 50

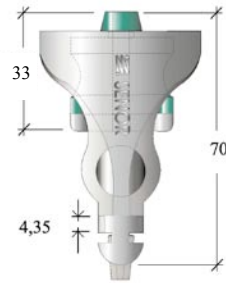
(Measurements expressed in millimetres)



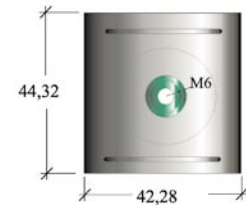
SIDE VIEW



FRONT VIEW 1



FRONT VIEW 2



PLAN VIEW

## OPTIMUM LOAD RANGE

GREEN



(12-30) Kg

LOAD (Kg)	RESONANCE FREQUENCY (Hz)	RESONANCE AMPLIFICATION	ISOLATION THRESHOLD (Hz)
12,70	12,50	4,22	14,50
17,70	11,50	4,95	14,00
22,70	10,75	5,85	14,50
27,70	10,50	6,09	15,75
32,70	12,75	6,38	17,25

BLUE



(30-50) Kg

LOAD (Kg)	RESONANCE FREQUENCY (Hz)	RESONANCE AMPLIFICATION	ISOLATION THRESHOLD (Hz)
36,16	9,83	3,82	16,40
41,16	9,65	3,63	15,90
46,16	10,59	2,83	16,03
51,16	10,90	2,91	16,83
56,16	11,96	2,26	15,42

## TESTS: MECHANICAL LOAD

**Description/Make:**  
RIEHLE Testing machine

**Code:**  
ME 035003

**Traceability/Date of calibration:**  
LABEIN / 24th June 2004

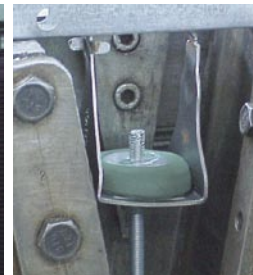
**Results obtained:**  
Sample isolator MOD. PL. Breaking load (kg) 160. **Failure mode: lug is completely out of hole.**



SE-PL 50 (folded).



Test arrangement.



Deflection of cap and lug.



Detail following lug breakage.