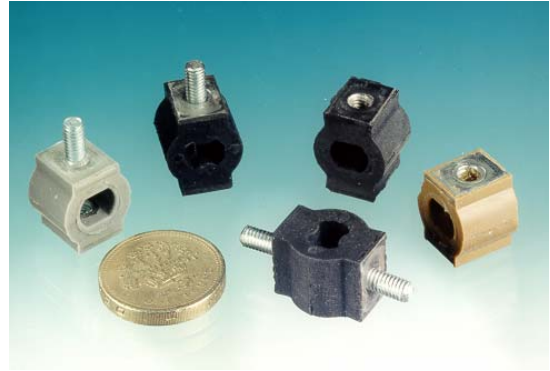


**STOP-CHOC**

## S.L.F. MOUNTS



Natural Frequency : 10 to 25 Hz

**SMALL LOADS / HIGH DEFLECTIONS**

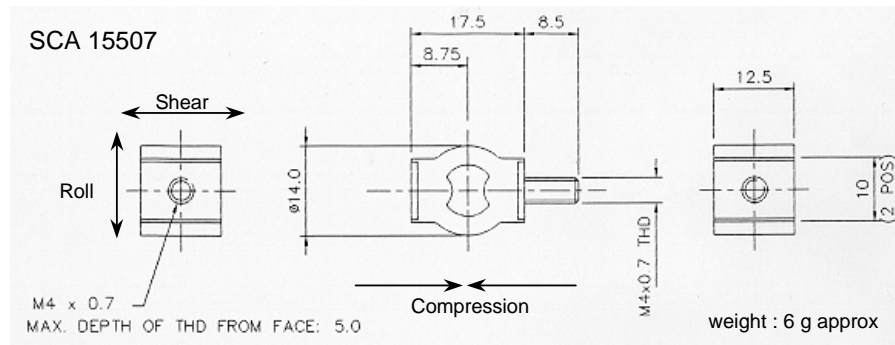
### DESCRIPTION

Low frequency high deflection anti-vibration mounting available in a choice of elastomers including high damped silicone. The zinc plated mild steel metalwork is fully bonded for improved fatigue strength.

### APPLICATIONS

These mounts have been designed to protect low mass components and instruments from vibration and shock and to isolate small rotating machines e.g. pumps and electric motors.

### DIMENSIONS



### OPERATING CHARACTERISTICS

Maximum sinusoidal input at resonance :  $\pm 0.5$  mm  
 Resonance frequencies at maximum input : 10 to 25 Hz dependent on axis  
 Axial to radial stiffness : 3 : 1  
 Maximum displacement during shock : axial : 5 mm radial : 7 mm  
 Mechanical strength corresponding to a continuous acceleration of 10 g at maximum load

PART NUMBER	Static load daN compression	Static load daN shear	Static load daN roll	Amplification at resonance	Temperature for continuous operation
SCA 1550* S42	0.10 - 0.50	0.10 - 0.25	0.10 - 0.15	4	- 54 to + 150 °C
SCA 1550* S72	0.60 - 0.80	0.25 - 0.50	0.15 - 0.30		
SCA 1550* - 01	0.10 - 1.50	0.10 - 0.50	0.10 - 0.40	10	- 40 to + 70° C
SCA 1550* - 02	1.50 - 3.00	0.50 - 1.00	0.40 - 0.80		

**NB :** The \* define the type of fixing :

male/male fixings : SCA15505

combination fixing

female/female fixings:

SCA15507

SCA15506

### ASSEMBLY

Improved stability can be achieved if the mounts are inclined at 45° towards the centre of gravity

**STOP-CHOC**



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