

STOP-CHOC



S.L.F. MOUNTS



Natural Frequency : 10 to 25 Hz

SMALL LOADS / HIGH DEFLECTIONS

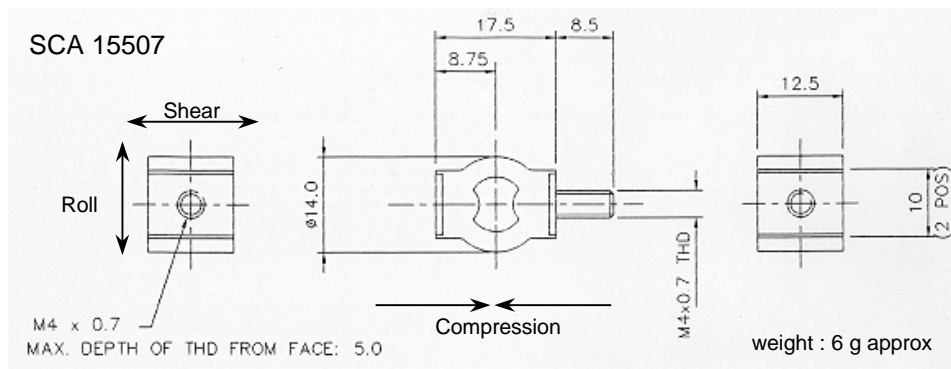
DESCRIPTION

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 : ± 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 SCA 1550* S72	0.10 - 0.50 0.60 - 0.80	0.10 - 0.25 0.25 - 0.50	0.10 - 0.15 0.15 - 0.30	4	- 54 to + 150 °C
SCA 1550* - 01 SCA 1550* - 02	0.10 - 1.50 1.50 - 3.00	0.10 - 0.50 0.50 - 1.00	0.10 - 0.40 0.40 - 0.80	10	- 40 to + 70° C

NB : The * define the type of fixing :
 male/male fixings : SCA15505 combination fixing SCA15507
 female/female fixings : SCA15506 female/female fixings: SCA15506

ASSEMBLY

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

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