MASON UK LTD
Noise, Vibration &
Thermal Engineering

HDSM-X Joist/Wall Hanger

- Allows for quick and easy installation to wooden ceiling joist or walls.
- The hangers can support ceiling weights of up to 59kg per hanger.
- The spring elements can provide up to 25mm deflection, providing natural frequencies down to 3.2Hz.
- The high quality spring element provides isolation against impact and low frequency noise, such as that from mechanical sources.
- The spring sits in a neoprene cup which absorbs high frequency energy.

Mason UK Ltd, Unit 6, Abbey Business Park, Monks Walk, Farnham, GU9 8HT
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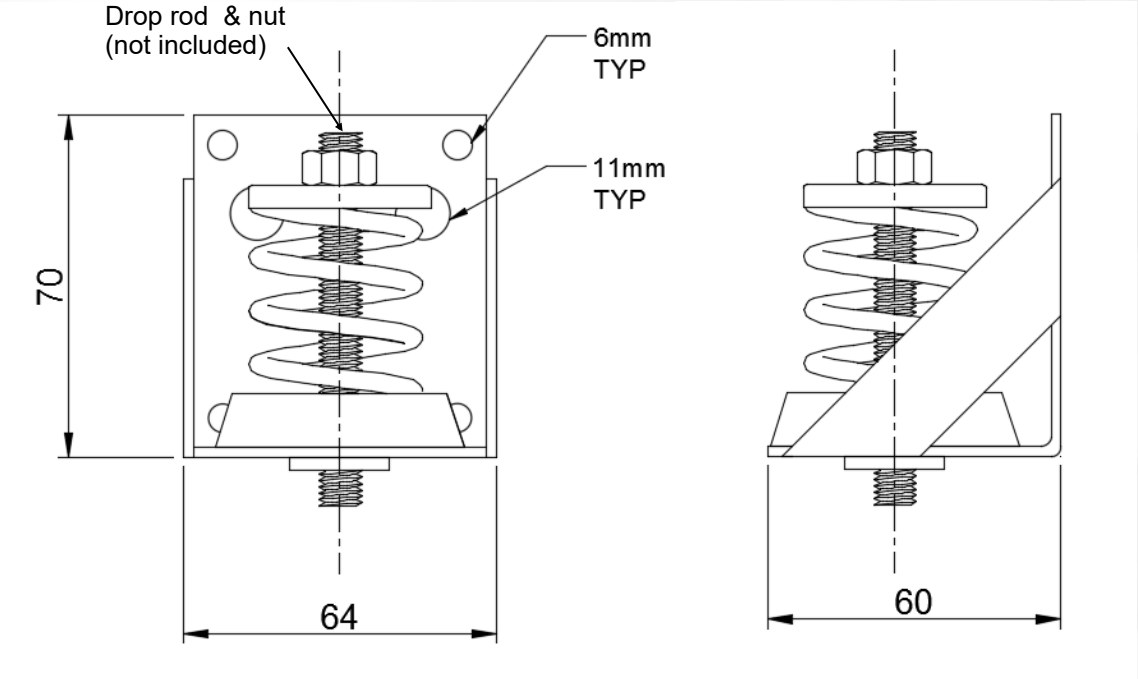
Product Information



	Rated capacity (kg)	Rated deflection (mm)	Rated Natural Frequency (Hz)	Spring Colour
HDSM-X-23	10	33	2.8	Brown
HDSM-X-33	15	28	3.0	Red
HDSM-X-54	24	25	3.2	White
HDSM-X-76	34	25	3.2	Black
HDSM-X-113	51	25	3.2	Yellow
HDSM-X-130	59	25	3.2	Purple

NOTE

- Mason HDSM-X series spring hangers can compress up to 25mm at rated capacity.
- Please allow for the compression of the spring hanger when installing ceiling systems.
- If the rated deflection is not considered, sagging and or damage of the ceiling and surrounding areas may occur.
- Typical drop rod diameter of 10mm. Large penny washer required for smaller diameter rod.

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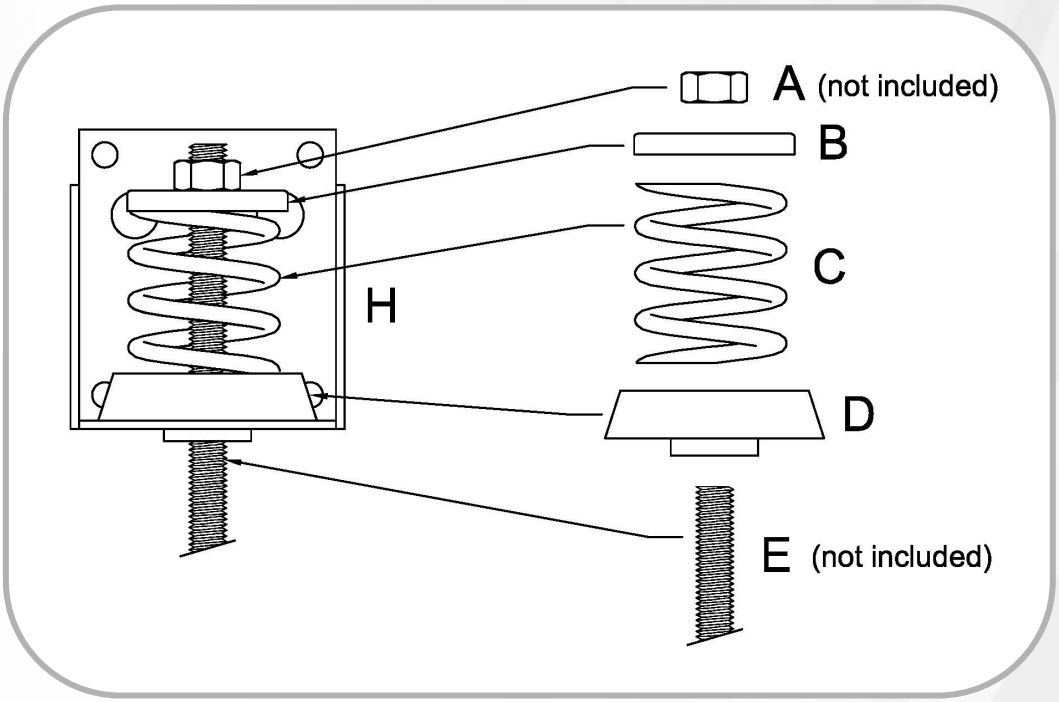
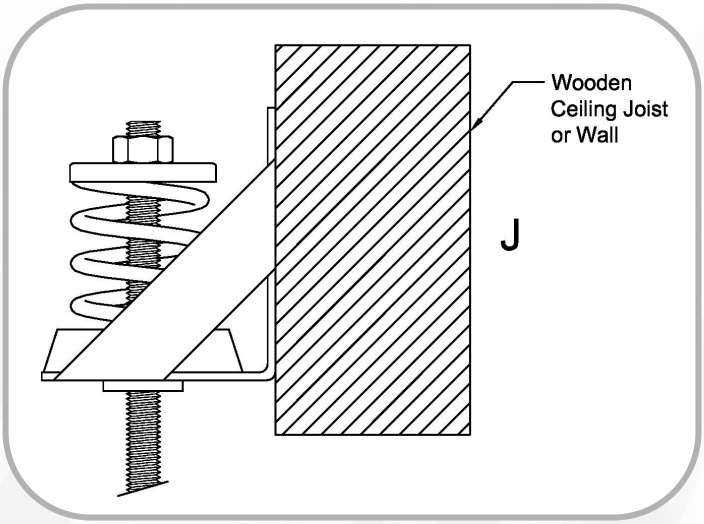
Typical Installation Detail





A. Self-locking nut (not supplied)
B. Metal cup
C. Spring element
D. Rubber cup
E. Drop rod (not supplied)

H. Mason Hanger Box
J. Ceiling joist or similar

Installation Instructions:

- Attach hanger box to side of wooden ceiling joist using appropriate fixings (not included).
- Assemble hanger assembly as above.
- Pre-compress spring with large penny washer and nut on underside if necessary.
- Install the plasterboard ceiling in the normal way.

Ensure locknuts are used throughout.

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