

KINETICS®

Wire-Tie Ceiling Hanger Model ARS



Ceiling Isolation Theory

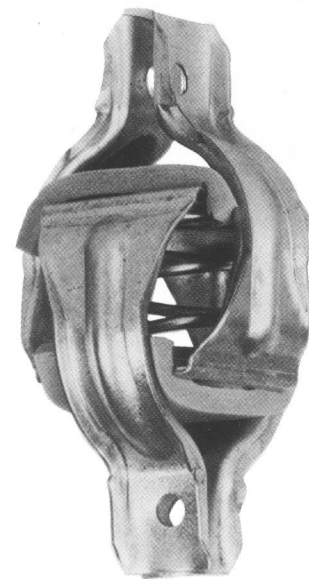
Resiliently suspended ceiling systems are designed to minimize floor impact noise and low-frequency airborne sound transmissions through the floor/ceiling structure. Creating airspace and resiliently decoupling the mass of the isolated ceiling from the non-isolated structure can effectively control noise transmission. Kinetics Noise Control ceiling isolation products use various types of resilient decouplers including springs, rubber or fiber-glass pads, and combinations of pads and springs to improve Sound Transmission Class (STC) and Impact Insulation Class (IIC) values.

Benefits

- Effective isolation at an affordable cost
- Contractor friendly wire-tying feature, convenient for use where wire-tying is the only option
- 50% overload capacity in the spring; bracket has a (5) times safety rating
- Elastomeric, snubber pad

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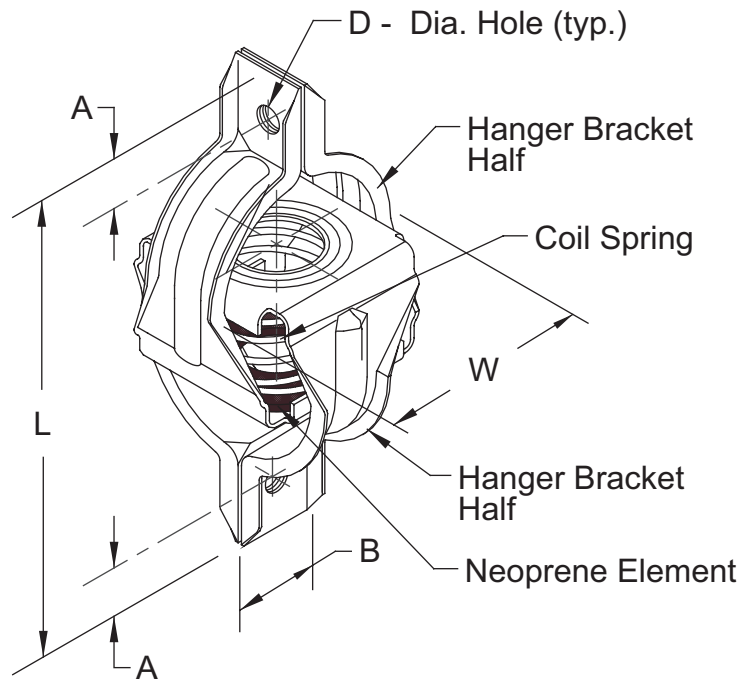
Secured to concrete, metal deck, or structural framing, Model ARS incorporates a 1/2" rated deflection spring to resiliently support one or more layers of gypsum board. Attachment to the upper eyebolt on the isolator is made via wire suspended from the deck above. Wire is tied on the bottom eyebolt and looped around a piece of 1-1/2" x 1/2" 16-gage steel carrying channel. Drywall furring channel is then attached to the carrying channel. Drywall ceiling grid is another common installation. Gypsum board is connected using industry-standard installation techniques. Incorporate Model ARS into any isolated ceiling design where one 1/2" rated spring deflection is desired and conditions require the flexibility of using wire.



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Model ARS

Model	Spring Color	Rated Capacity		Rated Deflection		Spring O.D.		L		W		A		B		D	
		lbs	kg	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
ARS-1-15	BLUE	15	7	0.47	12	1.23	31	4.75	121	2.19	56	0.50	13	0.88	22	0.27	7
ARS-1-30	GRAY	30	14	0.56	14	1.23	31	4.75	121	2.19	56	0.50	13	0.88	22	0.27	7
ARS-1-70	GREEN	70	32	0.45	11	1.23	31	4.75	121	2.19	56	0.50	13	0.88	22	0.27	7



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