

1" DEFLECTION SPRING HANGERS

HB-S models are heavy duty hangers and incorporate a new design of steel housing, with the base's two sides bent down. This considerably increases the rigidity of the steel frame, eliminating the possibility of the bending of the frame's bottom plate under heavy loads. Elastomer cups at the base and top of the spring have vulcanized steel washers to provide even and uniform load distribution on the bottom plate of the steel housing. These elastomer cups reduce the transfer of vibration and noise.

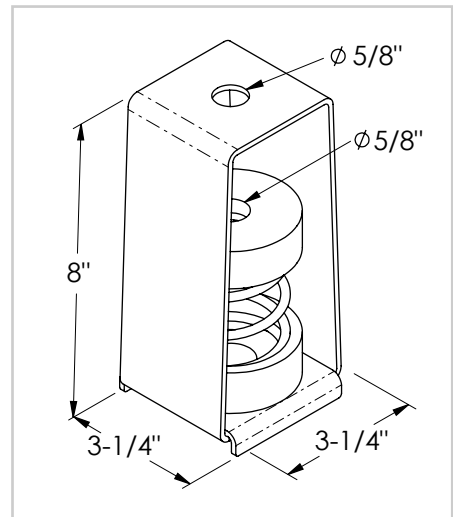


Recommended for:

Spring hangers are used for fan coil units, air circulation units, pipes, ducts, and other suspended structures and building services.

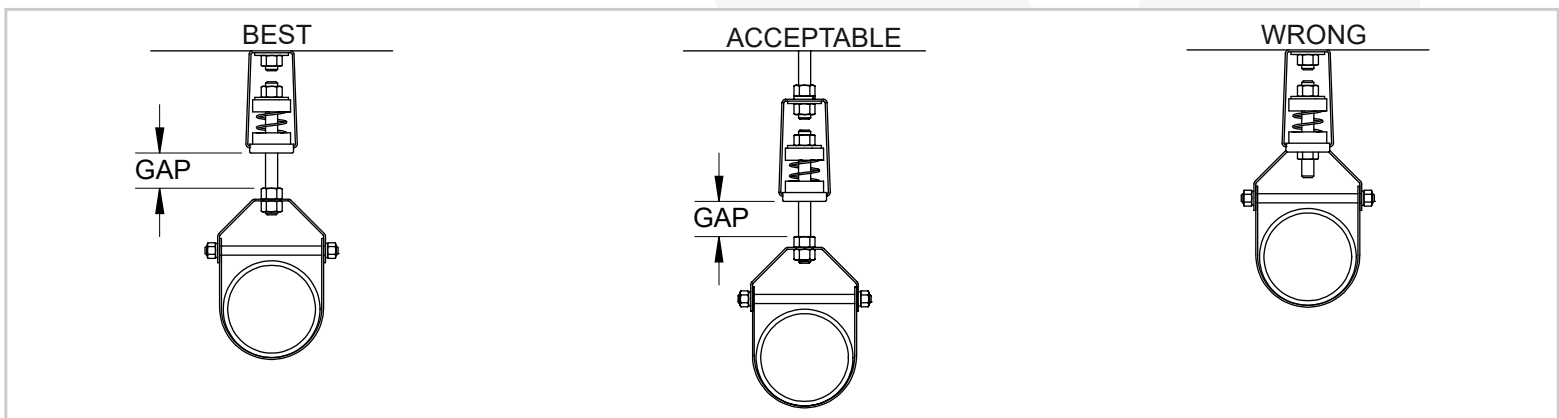
Features:

- ✓ Safety factor: Springs will accommodate an additional 50% extra load from the rated load to the solid load.
- ✓ Yellow zinc-plating housing provide excellent corrosion resistance.
- ✓ Acoustic elastomer spring cups provide superior vibration isolation and noise reduction.
- ✓ Springs are color-coded and easily replaceable.
- ✓ All hangers' elements are safe at solid load.
- ✓ New base plate design with two bent sides significantly increases the rigidity of the steel housing frame.



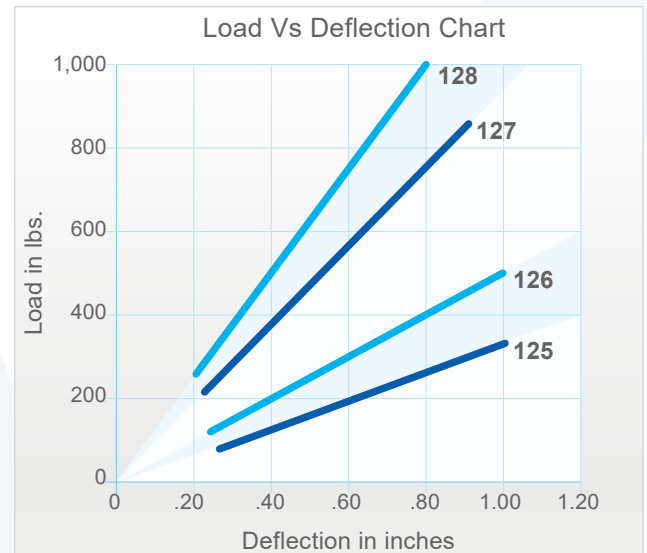
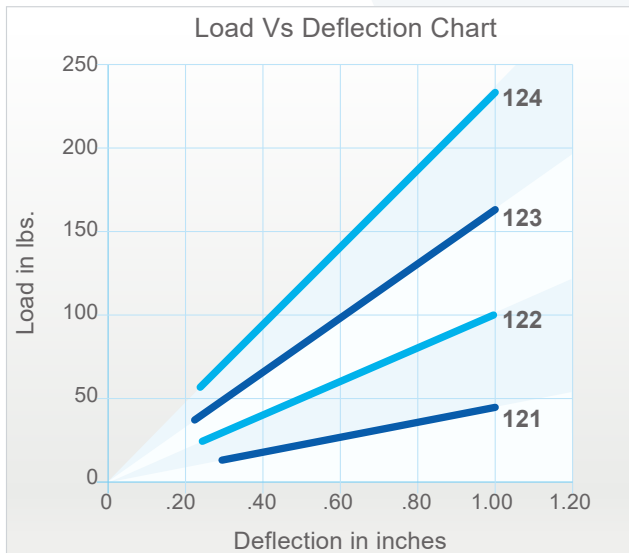
Installation Instructions:

In order to allow isolators to operate efficiently install hangers with a gap as shown below. Hangers are designed to compensate for minor misalignments.



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Model	Rated Load (lbs)	Deflection at Rated Load (lin)	Spring Rate (lbs/in)	Spring Color	Ship. Weight (lin)
HB-S-121	45	1	45	Grey	3
HB-S-122	100	1	100	Black	3
HB-S-123	165	1	165	Pink	3
HB-S-124	235	1	235	Blue	3
HB-S-125	335	1	335	Red	3
HB-S-126	500	1	500	Brown	3
HB-S-127	850	.89	950	Yellow	3
HB-S-128	1,000	.80	1,250	Green	3



Notes:

- a) 120 Springs: 2" Outside diameter x 3" Free Length.
- b) Rated load is the maximum load recommended.