



## Type 5-PRE-A

### Spring Hanger - Pre-Compressed & Angularity

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Precompressed & Angularity Spring Hangers shall be a Type 5 Spring Hanger with the spring precompressed to a preset load as determined by project requirements. Precompression shall be performed utilizing a bolt through the spring, with a nut and washer external to the hanger box tightened against the box. Bolt shall have a minimum of 1" additional thread extending beyond the compression nut.

Spring diameters shall be no less than 0.8 times the compressed height of the spring at rated load.

Springs shall have a minimum additional travel to solid equal to 50% of the operating deflection. Springs shall have an actual deflection of no less than 75% of the rated nominal deflection.

Lower hole in hanger shall be large enough to allow for a +/- 15° arc for the hanger rod to swing, to allow for potential misalignment (30° total).

#### The VMC Group

Headquarters: 113 Main Street • Bloomingdale, NJ 07403 | Houston: 11930 Brittmoore Park Drive • Houston, TX 77041

Phone: 973.838.1780 | Toll Free: 800.569.8423

[www.thevmcgroup.com](http://www.thevmcgroup.com)