

## SECTION 23 05 29 {15061}

### HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT

#### {HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT}

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This section includes supports, hangers, anchors, sleeves and sealing of work to adjacent construction, applicable to HVAC systems. Also included is firestopping of HVAC work.

This section is intended to be used as standalone section to specify hangers and supports for entire Division. When this section is used, suggest deleting requirements in individual piping system specification sections and reference this section.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at [www.4specs.com](http://www.4specs.com), ARCAT at [www.arcat.com](http://www.arcat.com), First Source at [www.reedfirstsource.com](http://www.reedfirstsource.com), SpecSource at [www.specsource.com](http://www.specsource.com), and Sweets Network at [products.construction.com](http://products.construction.com).

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at [supportcenter@csrf.org](mailto:supportcenter@csrf.org) to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at [www.spectext.com](http://www.spectext.com) for current product announcements.

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#### PART 1 GENERAL

##### 1.1 SUMMARY

###### A. Section Includes:

1. Pipe hangers and supports.
2. Hanger rods.
3. Inserts.
4. Flashing.
5. Equipment curbs.
6. Sleeves.
7. Mechanical sleeve seals.
8. Formed steel channel.
9. Firestopping relating to HVAC work.
10. Firestopping accessories.
11. Equipment bases and supports.

###### B. Related Sections:

1. Section 03 10 00 - Concrete Forming and Accessories: Execution requirements for placement of [inserts] [sleeves] in concrete forms specified by this section.

2. Section 03 30 00 - Cast-In-Place Concrete: Execution requirements for placement of concrete housekeeping pads specified by this section.

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Use the following reference when firestopping is specified in another Division.

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3. Section 07 84 00 - Firestopping: Product requirements for firestopping for placement by this section.
4. Section 07 90 00 - Joint Protection: Product requirements for sealant materials for placement by this section.
5. Section 09 90 00 - Painting and Coating: Product and execution requirements for painting specified by this section.

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When this section is being used as standalone section to specify hangers and supports for entire Division, retain the following paragraphs as applicable for Project conditions.

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6. Section 23 05 03 - Pipes and Tubes for HVAC Piping and Equipment: Execution requirements for placement of hangers and supports specified by this section.
7. Section 23 05 48 - Vibration and Seismic Controls for HVAC Piping and Equipment: Product and execution requirements for vibration isolators.
8. Section 23 11 13 - Facility Fuel-Oil Piping: Execution requirements for placement of hangers and supports specified by this section.
9. Section 23 11 23 - Facility Natural-Gas Piping: Execution requirements for placement of hangers and supports specified by this section.
10. Section 23 21 13 - Hydronic Piping: Execution requirements for placement of hangers and supports specified by this section.
11. Section 23 22 13 - Steam and Condensate Heating Piping: Execution requirements for placement of hangers and supports specified by this section.
12. Section 23 24 16 - Internal-Combustion Engine Exhaust Piping: Execution requirements for placement of hangers and supports specified by this section.

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Coordinate the following paragraph with roofing specification.

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13. Section [ ] - [ ]: Installation requirements for roof flashing installation.

C. Related Sections:

1. Section 03100 - Concrete Forms and Accessories: Execution requirements for placement of [inserts] [sleeves] in concrete forms specified by this section.
2. Section 03300 - Cast-in-Place Concrete: Execution requirements for placement of concrete housekeeping pads specified by this section.

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Coordinate the following paragraph with roofing specification.

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3. Section [ ] - [ ]: Installation requirements for roof flashing installation.