

**Vertigo™** Rod Hangers

**PRODUCT DESCRIPTION**

Vertigo is an all steel threaded fastening system for suspending steel threaded rod vertically overhead in pipe hanging, fire protection, electrical conduit and cable-tray applications. Vertigo are available in three versions which can be installed in a variety of base materials including steel purlins, bar joists and beams, wood frame columns and beams, as well as concrete ceilings, beams and columns.

Steel threaded rods in 1/4", 3/8" and 1/2" diameters can be vertically suspended with Vertigo. In wood and steel base materials, Vertigo is also offered in a side mount style for lateral installation of 1/4" and 3/8" diameter steel threaded rods onto joists, columns and overhead members. For all steel and wood Vertigo fasteners, a universal Vertigo Socket Driver is recommended to provide proper installation with a screw gun or hammer drill. Concrete Vertigo fasteners should be installed with the appropriate size standard drive sockets and adjustable torque, battery powered screw gun or hammer drill.

**GENERAL APPLICATIONS AND USES**

- Hanging Pipe and Sprinkler Systems
- Lighting Systems and Overhead Utilities
- Suspended Ceilings
- Suspending Conduit and Cable Trays
- HVAC Ductwork and Strut Channels
- Mounting Security Equipment

**FEATURES AND BENEFITS**

- + One system for all rod hanging applications in steel, wood and concrete
- + Ease and speed of overhead installation
- + Lower in-place cost, when compared to beam clamps, lag bolts and dropins
- + Steel and wood Vertigo can be installed with a screw gun or hammer drill
- + Concrete Vertigo can be installed with an adjustable torque, battery powered screw gun or hammer drill
- + Side mount versions available for steel and wood Vertigo
- + The universal socket can be used for the steel and wood Vertigo

**APPROVALS AND LISTINGS**

FM Approvals (FM) - (see listing for applicable sizes and types).  
 Pipe Hangers components for automatic sprinkler systems - File No. JI 3015153  
 Underwriters Laboratory (UL) - (see listing for applicable sizes and types).  
 Pipe Hangers - File No. EX 1289  
 Luminaire - File No. E362339

**GUIDE SPECIFICATIONS**

**CSI Divisions:** 03 16 00 - Concrete Anchors, 05 05 19 - Post-Installed Concrete Anchors, 05 05 23 - Metal Fastenings and 06 05 23 - Wood, Plastic, and Composite Fastenings. Rod Hangers shall be Vertigo anchors as supplied by Powers Fasteners, Inc., Brewster, NY.

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**MECHANICAL ANCHORS**



**Steel Vertigo**



**Wood Vertigo**



**Concrete Vertigo (Wedge-Bolt OT)**

**ANCHOR MATERIALS**

Zinc Plated Carbon Steel

**ANCHOR SIZE RANGE (TYP.)**

1/4" to 1/2" for Steel  
 1/4" to 1/2" for Wood  
 1/4" to 1/2" for Concrete

**SUITABLE BASE MATERIALS**

Steel Purlins and Beams  
 Wood and Timber  
 Normal-Weight concrete  
 Structural Lightweight concrete  
 Hollow Core Concrete Plank

**ORDERING INFORMATION**

**Steel Vertical Hanger (#3 for Purlins, #5 for Beams)**

Cat. No.	Rod Dia.	Screw Shank Size and Length	Point Style	Self Drilling Range	Std. Box	Std. Ctn.
7155	1/4"	1/4"-20 x 1"	#3	0.036" (20 gauge) to 0.188" (3/16")	100	500
7157	3/8"	1/4"-20 x 2"	#3		100	500
7158	3/8"	1/4"-20 x 1" (w/nut)	#3		100	500
7159	3/8"	1/4"-20 x 1-1/2" (w/nut)	#3		100	500
7160	3/8"	1/4"-20 x 1-1/2" (w/nut)	#3		100	500
7152	1/4"	12"-20 x 1-1/2"	#5	0.188" (3/16") to 0.500" (1/2")	100	500
7154	3/8"	12"-20 x 1-1/2" (w/nut)	#5		100	500
7161	1/2"	12"-20 x 1-1/2" (w/nut)	#5		100	500



**Steel Side Hanger (#3 for Purlins, #5 for Beams)**

Cat. No.	Rod Dia.	Screw Shank Size and Length	Point Style	Self Drilling Range	Std. Box	Std. Ctn.
7183	1/4"	1/4"-20 x 1"	#3	0.036" (20 gauge) to 0.188" (3/16")	100	500
7184	3/8"	1/4"-20 x 1" (w/nut)	#3		100	500
7186	3/8"	1/4"-20 x 1-1/2" (w/nut)	#3		100	500
7188	3/8"	1/4"-20 x 2" (w/nut)	#3		100	500
7200	1/4"	12"-20 x 1-1/2"	#5	0.188" (3/16") to 0.500" (1/2")	50	300
7201	3/8"	12"-20 x 1-1/2" (w/nut)	#5		100	600



**Wood Vertical Hanger**

Cat. No.	Rod Dia.	Screw Shank Size and Length	Point Style	Pre-Drill Diameter (If Required)	Std. Box	Std. Ctn.
7163	1/4"	1/4" x 2"	Type 17	1/8"	100	500
7203	3/8"	1/4" x 1"	Type 17		100	500
7165	3/8"	1/4" x 2"	Type 17		100	500
7167	3/8"	1/4" x 3"	Type 17		100	500
7169	3/8"	1/4" x 4"	Type 17		100	500
7162	3/8"	5/16" x 2-1/2"	Type 17		100	500
7164	1/2"	5/16" x 2-1/2"	Type 17		100	500



**Wood Side Hanger**

Cat. No.	Rod Dia.	Screw Shank Size and Length	Point Style	Pre-Drill Diameter (If Required)	Std. Box	Std. Ctn.
7185	1/4"	1/4" x 1"	Type 17	1/8"	100	500
7205	3/8"	1/4" x 1"	Type 17		100	500
7170	3/8"	1/4" x 2"	Type 17		100	500
7156	3/8"	5/16" x 2-1/2"	Type 17		100	500



**Concrete Vertical Hanger**

Cat. No.	Rod Dia.	Screw Shank Size and Length	Thread Style	Pre-Drill Diameter (If Required)	Std. Box	Std. Ctn.
7171	1/4"	1/4" x 1-1/4"	Wedge-Bolt OT	1/4" ANSI	100	500
7173	3/8"	1/4" x 1-1/2"	Wedge-Bolt OT	1/4" ANSI	100	500
7175	1/2"	1/4" x 2-3/4"	Wedge-Bolt OT	3/8" ANSI	50	250



**Drive Sockets and Pole Tool**

Cat. No.	Description	RPM	Std. Box	Std. Ctn.
7166	6'-12' Pole Tool (includes three Jaw Chuck)	N/A	1	1
7187	Universal Steel & Wood Socket (Red)	500 to 1500 RPM	5	25
7195	1/4" Concrete Socket (Blue)	-	5	25
7197	3/8" Concrete Socket (Blue)	-	5	25
7198	1/2" Concrete Socket (Blue)	-	5	25



**Concrete Vertigo Installation Accessories**

Cat. No.	Description	Maximum Bit Length	Std. Box	Std. Ctn.
5864	Vertigo Installation Kit: 1/4" and 3/8" Concrete Drive Sockets (Blue) Universal Steel & Wood Socket (Red) (Sleeve Assembly (same as Cat# 5874)	6"	1	3/4
5874	Sleeve Assembly (5-3/4")	6"	1	-
Cat. No.	Description	Usable Length	Std. Tube	Wt./10
5866	1/4" x 6" Hex Shank SDS Drill Bit	4"	1	1/2

