

Anchors

Rapid Rod™ Hangers

- One-piece, all steel threaded fastener system for suspending steel threaded rod.
- Suitable for overhead installations such as suspending cable tray, pipe hangers, strut and conduit.
- Side Mount (SW) available for side mounting applications.
- Lower in-place cost, when compared to beam clamps, lag bolts and drop-ins.
- Steel rapid rods can be installed with a screw gun or hammer drill.
- UL & FM approved.
- Made of Zinc Plated carbon steel.

Rapid Rod Hangers Steel

Steel Rapid Rod - Data		
Point Style	#3	#5
Self-Drilling Range (in.)	20 ga. - 3/16	3/16 - 1/2
Screw Size (UNC) *	1/4"-20	1/4"-20
Thread Length (in.) *	1 3/16	3 1/32

* Dimensions for self-drilling (embedded) portion of anchor.

Steel Rapid Rod - Load Data							
Rod/ Anchor Size	Minimum Steel Gauge Thickness						
	20 (.036")	18 (.048")	16 (.060")	14 (.075")	12 (.105")	3/16"	1/4"
1/4	100	155	245	290	390	800	1260
1/4 w/nut	390	390	440	440	510	960	510
3/8	100	155	245	290	390	490	490
3/8 w/nut	365	365	365	365	365	365	365
1/2	120	175	230	390	510	820	1260

Loads shown for ASTM A36 steel beams and ASTM A572 steel purlins include a safety factor of 4.

For UL & FM listings, steel rapid rod must be installed with a retaining nut. UL & FM load rating for 3/8" rapid rod is 365 lbs. and can support up to a maximum 4" pipe.

UL & FM load rating for 1/2" rapid rod is 900 lbs. and can support up to a maximum 6" pipe.

Read safety/installation instruction sheets in packages before use.

Rapid Rod™ Hangers



UPC/Part Number	Catalog Number	Rod Size	Shank Size & Length	Box Qty.
Steel Rod Hanger - Point Style #3 For Purlins				
782051 53317	ARS-25-100	1/4"	1/4" X 1"	100
782051 53318	ARS-37-200	3/8"	1/4" X 2"	100
782051 53320	ARS-37-100HN **	3/8"	1/4" X 1" w/nuts	100
782051 53321	ARS-37-150	3/8"	1/4" X 1 1/2"	100
782051 53322	ARS-37-150HN **	3/8"	1/4" X 1 1/2" w/nuts	100

Steel Rod Hanger - Side Mount - Point Style #3 For Purlins

782051 53323	ARS-25-100SW	1/4"	1/4" X 1"	100
782051 53324	ARS-37-100SW	3/8"	1/4" X 1" w/nuts	100

Steel Rod Hanger - Point Style #5 For Beams

782051 53325	ARS-25-150HD	1/4"	#12-24 X 1 1/2"	100
782051 53326	ARS-37-150HDHN **	3/8"	#12-24 X 1 1/2" w/nuts	100
782051 53327	ARS-50-150HDHN **	1/2"	#12-24 X 1 1/2" w/nuts	100

** For UL & FM listings, steel rapid rod should be installed with a retaining nut.

UPC/Part Number	Catalog Number	Tool Description	Box Qty.
Tool			
782051 53287	7187	Universal Steel & Wood Socket	1

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- Side Mount (SW) available for side mounting applications.
- Lower in-place cost, when compared to beam clamps, lag bolts and drop-ins.
- Wood rapid rods can be installed with a screw gun or hammer drill.
- Concrete rapid rods can be installed with an adjustable torque, battery powered screw gun or hammer drill.
- UL & FM approved.
- Made of Zinc Plated carbon steel.

Rapid Rod Hangers - Concrete

Concrete Rapid Rod - Data	1/4"	3/8"	1/2"
ANSI Drill Bit (in.)	1/4	1/4	3/8
Thread Length (in.)	1 1/8	1 3/8	2 1/2
Min. Embedment Depth (in.)	1 1/4	1 1/2	2 3/4
Load Capacity Tension (lbs.) *	485	650	1510
Load Capacity Shear (lbs.) *	610	660	1580

* Based on concrete compression strength of 4000 psi using applied safety factor of 4.0. For additional loading information contact factory.

FM approved load capacity for 3/8" anchor is 365 lbs., maximum 4" pipe size. FM approved load capacity for 1/2" anchor is 950 lbs., maximum 8" pipe size.

Rapid Rod Hangers - Wood

Wood Rapid Rod - Data	1/4" Thread Forming	3/8" Thread Forming
Pre-Drill Diameter (in.)	1/8	1/8
Point Style	Type 17	Type 17

Wood Rapid Rod - Embedment & Load Data				
Rod/Anchor Size	Embedment Depth	Fir	Pine	Spruce
1/4	1"	170	160	160
3/8	2"	375	375	375
1/2	2 1/2"	665	775	775

Minimum load ratings are based on a safety factor of 4.

UL approved load capacity for 3/8" rod sizes and 1/4" screw size is 260 lbs., maximum 3" pipe. UL approved load capacity for 3/8" rod sizes and 3/8" screw size is 375 lbs., maximum 4" pipe. FM approval only applies to 3/8" x 2 1/2" screw size. Approved for 365 lbs., up to 4" pipe.

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Rapid Rod™ Hangers



UPC/Part Number	Catalog Number	Rod Size	Shank Size & Length	Box Qty.
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Concrete Rod Hanger - ANSI Wedge-Bolt OT Thread Shank Style

782051 53328	ARC-25-125	1/4"	1/4" X 1 1/4"	100
782051 53329	ARC-37-150	3/8"	1/4" X 1 1/2"	100
782051 53330	ARC-50-275	1/2"	3/8" X 2 3/4"	50

For side mount concrete applications use ARW-25-100SW or ARW-37-200SW with 1/4" drill bit.

UPC/Part Number	Catalog Number	Rod Size	Shank Size & Length	Box Qty.
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Wood Rod Hanger - Point Style Type 17

782051 53331	ARW-25-200	1/4"	1/4" X 2"	100
782051 53332	ARW-37-100	3/8"	1/4" X 1"	100
782051 53333	ARW-37-200	3/8"	1/4" X 2"	100
782051 53334	ARW-37-250	3/8"	3/8" X 2 1/2"	100
782051 53335	ARW-50-250	1/2"	3/8" X 2 1/2"	100

Wood Rod Hanger - Side Mount - Point Style Type 17

782051 53336	ARW-25-100SW	1/4"	1/4" X 1"	100
782051 53337	ARW-37-200SW	3/8"	1/4" X 2"	100

UPC/Part Number	Catalog Number	Rod Size	Box Qty.
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Tools

782051 53287	7187	Universal Steel & Wood Socket	1
782051 53288	7195	1/4" Concrete Socket	1
782051 53289	7197	3/8" Concrete Socket	1
782051 53290	7198	1/2" Concrete Socket	1
782051 53360	5874	Concrete Tapper Sleeve Assy.	1
782051 53361	5866	1/4" X 6" Hex Shank SDS Drill Bit	1

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