

Product Image



Steel Dual Rod Hangers

Dual rod hangers are single-piece anchors with heads threaded on both ends and sides, allowing installation in both vertical and horizontal orientations for threaded rod systems, eye bolts, and more. They are suitable for use in metal.

Features

- Vertical and horizontal applications in one anchor
- Available for use in metal and wood
- Smooth and fast overhead installation
- Zinc plated carbon steel

Material Specifications

Component	Component Material
Screw Body	Case Hardened Carbon Steel
Coupling (UNC thread)	Case Hardened Carbon Steel
Zinc Plating	ASTM B633, SC1, Type III (FE/ZN5)

Suitable Base Materials

- Steel purlins
- Beams
- Bar joists

Product Specification

Screw Description	1/4-20 x 1-1/2" #3/nut	
Mount Direction	Vertical & Horizontal	
Rod Size	3/8"	
Min. Thickness	0.060"	
Max. Thickness	0.188"	
Load Direction	Vertical	Horizontal
Pipe Size	4"	4"
Thick.	0.060"	0.060"
Coupling Thread Size (UNC)	3/8"-16	
Coupling Thread Depth	3/8"	
Coupling Height	1"	
Socket Driver Size	1/2"	
Note: The side mount couplings have full thread depth (through head).		
Note: Install with Dottie PN# DUNIB		

SSM38D - Ultimate Load Capacities when Installed in Steel^{1, 2}

Mount Direction	Screw Description	Rod Coupler Size	Steel Gauge Thickness (in)				
			16 0.060"	14 0.075"	12 0.105"	1/8 0.125"	3/16 0.187"
Vertical	1/4-20 x 1-1/2" #3	3/8"	785 lbs.	1,140 lbs.	1,740 lbs.	2,375 lbs.	4,695 lbs.
	1/4-20 x 1-1/2" #3/nut	3/8"	3,435 lbs.	4,025 lbs.	4,280 lbs.	4,690 lbs.	4,695 lbs.
Side	1/4-20 x 1-1/2" #3	3/8"	1,740 lbs.	1,945 lbs.	2,420 lbs.	2,570 lbs.	2,810 lbs.
	1/4-20 x 1-1/2" #3/nut	3/8"	2,755 lbs.	2,810 lbs.	2,570 lbs.	2,810 lbs.	2,810 lbs.

1. The values listed above are ultimate load capacities that must be reduced by a minimum safety factor of 3.0 or greater to determine the allowable working load.

2. The strength of the threaded rod used with the Metal Dual Rod Hangers must be considered when determining load capacity of the assembly.