

HANGER BOLTS



HANGER BOLTS													Hanger Bolt & Stud																		
Diameter & Thread Pitch	C		A		B		D		Diameter & Thread Pitch	C		A		B		D															
	Standard Length	Machine Thread Length	Lag Thread Length	Center Space	Standard Length	Machine Thread Length	Lag Thread Length	Center Space		Standard Length	Machine Thread Length	Lag Thread Length	Center Space																		
6-32	5/8	1/4	3/8	-	1/4-20	2	1	1	-	3/8-16	1-1/2	1/2	1	-	5/16-18	1-1/2	5/8	7/8	-												
	3/4	3/8	3/8	-		2-1/4	1	1-1/4	-		2	1	1	-		2-1/2	1	1-1/2	-	3	1-1/2	1-1/2	-								
	7/8	1/4	5/8	-		2-1/2	1	1-1/2	-		2-3/4	1-1/4	1-1/2	-		3	1-1/2	1-1/2	-	3-1/2	1-1/2	2	-								
	1	3/8	5/8	-		3	1-1/2	1-1/2	-		4	2	2	-		4-1/2	1-1/8	3	3/8	3/8	5/8	5	1-3/8	3	5/8						
8-32	5/8	1/4	3/8	-		3-1/2	1-1/2	2	-		5	1-3/8	3	5/8		5-1/2	1-1/2	3	1	1	-	6	1-1/2	3	1-1/2	6	1-1/4	3	1-3/4		
	3/4	3/8	3/8	-		4	2	2	-		1-1/2	5/8	7/8	-		8	2-1/2	3	2-1/2	3	2-1/2	8	1-1/8	3	3/8	8	2-1/2	3	2-1/2		
	7/8	1/4	5/8	-		4-1/2	1-1/8	3	3/8		2-1/2	1	1-1/2	-		10	2-1/2	3	4-1/2	10	2-1/2	3	4-1/2	12	2-1/2	3	6-1/2	12	2-1/2	3	8-1/2
	1	3/8	5/8	-		5	1-3/8	3	5/8		2-3/4	1-1/4	1-1/2	-		3	1	2	-	3-1/2	1-1/2	2	-	4	2	2	-	5	2	3	-
	1-1/4	5/8	5/8	-		6	1-1/2	3	1-1/2		3	1-1/2	1-1/2	-		3-3/4	1-3/4	2	-	4	2	2	-	6	2-1/2	3	1/2	8	2-1/2	3	2-1/2
	1-1/2	5/8	7/8	-		1-1/2	5/8	7/8	-		4	2	2	-		4-1/2	1-1/8	3	3/8	4-1/2	1-1/2	2	-	5-1/2	1-1/2	3	1	10	2-1/2	3	4-1/2
	1-3/4	3/4	1	-		2	1	1	-		5	1-3/8	3	5/8		5-1/2	1-1/2	3	5/8	6	1-1/4	3	1-3/4	12	2-1/2	3	6-1/2				
2	1	1	-	2-1/4		1	1-1/4	-	1-1/2		5/8	7/8	-	12		2-1/2	3	6-1/2	1-1/2	2	-	1-1/2	13	2-1/2	3	1/2	8	2-1/2	3	2-1/2	
10-24	1	3/8	5/8	-	2-1/2	1	1-1/2	-	2-1/2		1	1-1/2	-	3		1-1/2	1-1/2	-	3-3/4	1-3/4	2	-	6	2-1/2	3	1/2	10	2-1/2	3	4-1/2	
	1-1/4	5/8	5/8	-	3-1/2	1-1/2	2	-	4		2	2	-	4-1/2		1-1/8	3	3/8	4-1/2	1-1/2	2	-	5	2	3	-	10	2-1/2	3	4-1/2	
	1-1/2	5/8	7/8	-	4-1/2	1-1/8	3	3/8	5	1-3/8	3	5/8	5-1/2	1-1/2	3	5/8	6	1-1/4	3	1-3/4	12	2-1/2	3	6-1/2							
	1-3/4	3/4	1	-	5	1-3/8	3	5/8	6	1-1/2	3	1-1/2	6	1-1/4	3	1-3/4	1-1/2	2	-	1-1/2	13	2-1/2	3	1/2	8	2-1/2	3	2-1/2			
1/4-20	1	3/8	5/8	-	4-1/2	1-1/8	3	3/8	5	1-3/8	3	5/8	5-1/2	1-1/2	3	5/8	6	1-1/4	3	1-3/4	12	2-1/2	3	6-1/2							
	1-1/4	5/8	5/8	-	5	1-3/8	3	5/8	6	1-1/2	3	1-1/2	6	1-1/4	3	1-3/4	1-1/2	2	-	1-1/2	13	2-1/2	3	1/2	8	2-1/2	3	2-1/2			
	1-1/2	5/8	7/8	-	5-1/2	1-1/2	3	1	5-1/2	1-1/2	3	1	6	1-1/4	3	1-3/4	1-1/2	2	-	1-1/2	13	2-1/2	3	1/2	8	2-1/2	3	2-1/2			
1-3/4	3/4	1	-	6	1-1/2	3	1-1/2	6	1-1/2	3	1-1/2	6	1-1/4	3	1-3/4	1-1/2	2	-	1-1/2	13	2-1/2	3	1/2	8	2-1/2	3	2-1/2				

Tolerance on Length

Up to 6": ± 1/16"

Over 6": ± 1/8"

Description	Bolt with threaded areas at both ends-lag screw thread at one end and unified thread at the other. Standard hanger bolts are designed for insertion into a predrilled pilot hole. The end of the wood thread is designed as a taper which is threaded all the way to its blunt tip.
Applications / Advantages	Designed to hang material from wooden structures. The lag is wrenched into the wood and the assembly is completed after applying a nut. Used for suspending electrical wiring and sheet metal. Also common in the furniture industry.
Material	Steel: AISI 1008 & 1010 steel Stainless: Type 303 or 304 stainless steel
Core Hardness (Steel only)	No. 10 through 1/2 in. diameter, all lengths: Rockwell B80 - B100
Tensile Strength (Steel only)	No. 10 through 1/2 in. diameter, all lengths: 74,000 psi. minimum (applies only to stresses applied to the Unified thread-side of the fastening)
Plating	See Appendix-A for plating information.