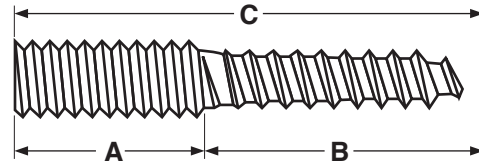
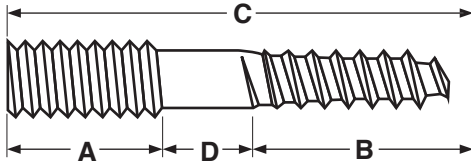


CAP SCREWS & BOLTS

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 | - | | 1-3/4 | 3/4 | 1 | - | 2 | 1 | 1 | - | | | | | | | | | | | | | | | | | |
| | 7/8 | 1/4 | 5/8 | - | | 2-1/2 | 1 | 1-1/2 | - | | 3 | 1-1/2 | 1-1/2 | - | | 2 | 1 | 1 | - | 2-1/4 | 1 | 1-1/4 | - | 3 | 1-1/2 | 1-1/2 | - | | | | | | | | | | | | | |
| | 1 | 3/8 | 5/8 | - | | 2-3/4 | 1-1/4 | 1-1/2 | - | | 3-1/2 | 1-1/2 | 2 | - | | 1-1/2 | 5/8 | 7/8 | - | 2-1/2 | 1 | 1-1/2 | - | 4 | 2 | 2 | - | 3 | 1-1/2 | 1-1/2 | - | | | | | | | | | |
| 8-32 | 5/8 | 1/4 | 3/8 | - | | 4 | 2 | 2 | - | | 5 | 1-3/8 | 3 | 3/8 | | 3-1/2 | 1-1/2 | 2 | - | 4-1/2 | 1-1/8 | 3 | 3/8 | 3/8-16 | 4-1/2 | 1-1/8 | 3 | 3/8 | 5 | 1-3/8 | 3 | 5/8 | 5-1/2 | 1-1/2 | 3 | 1 | 6 | 1-1/4 | 3 | 1-3/4 |
| | 3/4 | 3/8 | 3/8 | - | | 5 | 1-3/8 | 3 | 5/8 | | 6 | 1-1/2 | 3 | 1-1/2 | | 5 | 1-3/8 | 3 | 5/8 | 6 | 1-1/8 | 3 | 3/8 | 3/8-16 | 5 | 1-3/8 | 3 | 5/8 | 6 | 1-1/2 | 3 | 1 | 8 | 2-1/2 | 3 | 2-1/2 | | | | |
| | 7/8 | 1/4 | 5/8 | - | | 6 | 1-1/2 | 3 | 1-1/2 | | 1-1/2 | 5/8 | 7/8 | - | | 6 | 1-1/2 | 3 | 1-1/2 | 1-1/2 | 5/8 | 7/8 | - | 3/8-16 | 6 | 1-1/2 | 3 | 1-1/2 | 8 | 2-1/2 | 3 | 2-1/2 | 10 | 2-1/2 | 3 | 4-1/2 | | | | |
| | 1 | 3/8 | 5/8 | - | | 1-1/2 | 5/8 | 7/8 | - | | 1-3/4 | 3/4 | 1 | - | | 7 | 1-1/2 | 2 | - | 1-1/2 | 5/8 | 7/8 | - | 3/8-16 | 7 | 1-1/2 | 2 | - | 10 | 2-1/2 | 3 | 4-1/2 | 12 | 2-1/2 | 3 | 6-1/2 | | | | |
| | 1-1/4 | 5/8 | 5/8 | - | | 2 | 1 | 1 | - | | 2 | 1 | 1 | - | | 1-1/2 | 5/8 | 7/8 | - | 2 | 1 | 1 | - | 5/16-18 | 2 | 1 | 1 | - | 12 | 2-1/2 | 3 | 6-1/2 | 14 | 2-1/2 | 3 | 8-1/2 | | | | |
| | 1-1/2 | 5/8 | 7/8 | - | | 3 | 1-1/2 | 1-1/2 | - | | 3 | 1-1/2 | 1-1/2 | - | | 1-1/2 | 5/8 | 7/8 | - | 3 | 1-1/2 | 1-1/2 | - | 5/16-18 | 3 | 1-1/2 | 1-1/2 | - | 14 | 2-1/2 | 3 | 8-1/2 | | | | | | | | |
| 10-24 | 1-3/4 | 3/4 | 1 | - | | 3-1/2 | 1-1/2 | 2 | - | | 4 | 2 | 2 | - | | 1-1/2 | 5/8 | 7/8 | - | 3-3/4 | 1-3/4 | 2 | - | 5/16-18 | 3-3/4 | 1-3/4 | 2 | - | 1-1/2 | 5/8 | 7/8 | - | 3-1/2 | 1-1/2 | 2 | - | | | | |
| | 2 | 1 | 1 | - | | 4 | 2 | 2 | - | | 4-1/2 | 1-1/8 | 3 | 3/8 | | 4 | 2 | 2 | - | 4 | 2 | 2 | - | 5/16-18 | 4 | 2 | 2 | - | 1-1/2 | 5/8 | 7/8 | - | 3-1/2 | 1-1/2 | 2 | - | | | | |
| | 2-1/2 | 1 | 1-1/2 | - | 5 | 1-3/8 | 3 | 5/8 | 5-1/2 | | 1-1/2 | 3 | 1 | 1-1/2 | | 5/8 | 7/8 | - | 5 | 1-3/8 | 3 | 5/8 | 5/16-18 | 5 | 1-3/8 | 3 | 5/8 | 1-1/2 | 5/8 | 7/8 | - | 3-1/2 | 1-1/2 | 2 | - | | | | | |
| | 3 | 1-1/2 | 1-1/2 | - | 6 | 1-1/2 | 3 | 1-1/2 | 6 | | 1-1/2 | 3 | 1-1/2 | 1-1/2 | | 5/8 | 7/8 | - | 6 | 1-1/2 | 3 | 1-1/2 | 5/16-18 | 6 | 1-1/2 | 3 | 1-1/2 | 1-1/2 | 5/8 | 7/8 | - | 3-1/2 | 1-1/2 | 2 | - | | | | | |
| 1/4-20 | 3-1/2 | 3/4 | 1 | - | 1-1/2 | 5/8 | 7/8 | - | 1-3/4 | 3/4 | 1 | - | 1-1/2 | 5/8 | 7/8 | - | 4 | 2 | 2 | - | 5/16-18 | 4 | 2 | 2 | - | 1-1/2 | 5/8 | 7/8 | - | 3-1/2 | 1-1/2 | 2 | - | | | | | | | |
| | 1 | 3/8 | 5/8 | - | 1-1/2 | 5/8 | 7/8 | - | 5-1/2 | 1-1/2 | 3 | 1 | 1-1/2 | 5/8 | 7/8 | - | 5 | 1-3/8 | 3 | 5/8 | 5/16-18 | 5 | 1-3/8 | 3 | 5/8 | 1-1/2 | 5/8 | 7/8 | - | 3-1/2 | 1-1/2 | 2 | - | | | | | | | |
| | 1-1/4 | 5/8 | 5/8 | - | 6 | 1-1/2 | 3 | 1-1/2 | 6 | 1-1/2 | 3 | 1-1/2 | 1-1/2 | 5/8 | 7/8 | - | 6 | 1-1/2 | 3 | 1-1/2 | 5/16-18 | 6 | 1-1/2 | 3 | 1-1/2 | 1-1/2 | 5/8 | 7/8 | - | 3-1/2 | 1-1/2 | 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 | <i>Steel:</i> AISI 1008 & 1010 steel <i>Stainless:</i> Type 303 or 304 stainless steel | | |
| Core Hardness (Steel only) | <i>No. 10 through 1/2 in. diameter, all lengths:</i> Rockwell B80 - B100 | | |
| Tensile Strength (Steel only) | <i>No. 10 through 1/2 in. diameter, all lengths:</i> 74,000 psi. minimum (applies only to stresses applied to the Unified thread-side of the fastening) | | |
| Plating | See Appendix-A for plating information. | | |

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