

Shop Primer

We have already specified shop-primed steel, but we are being challenged as to how. Can you provide more information related to this topic?

Specification

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Uhlig's Corrosion Handbook

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Blocking, Chipping and Coping

What is the difference between blocking, chipping and coping?

Specification

steel interchange

Oversized Holes and Bearing Connections

The AISC and RCSC specifications do not permit the use of oversized holes in bearing-type connections but do allow short and long slots as long as the slots are perpendicular to the applied load. If the connection is subjected to load reversal, this restriction on oversized holes makes sense to me, as it eliminates slop in the connection. However, if the connection is supporting a load in a single direction (not subjected to load reversal), I do not understand this restriction. Can you please clarify when an oversized hole should not be used in this condition?

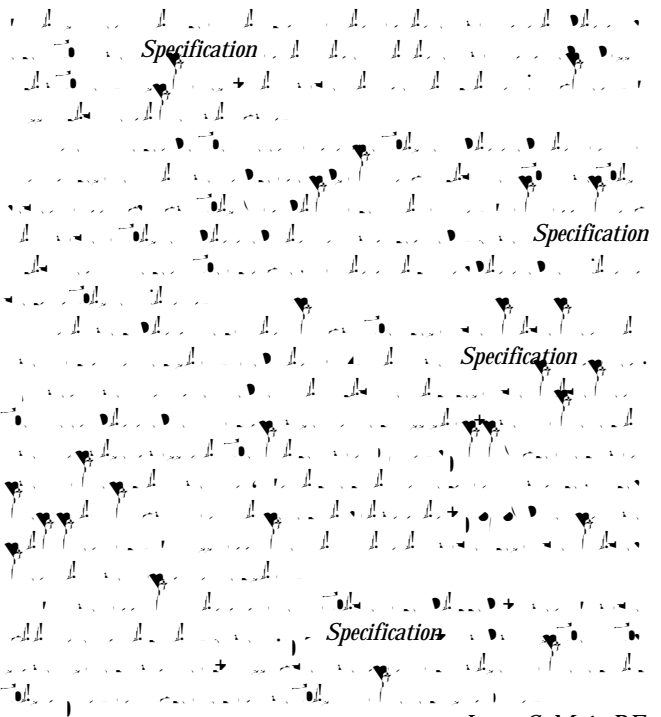


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Hanging Loads from Existing Holes

The situation I'm currently addressing has only one bolt, so the load distribution is not a concern. The condition involves hanging loads from existing holes. The diameter of the hole is 1 5/8 in., so there is no bolt for which this hole could be considered standard. Since the 1 5/8-in. hole is only slightly oversized for a 1-in. bolt, it seemed reasonable to allow it. However, the Specification seems to prohibit this condition. I would like to make an informed

decision based on member/joiner relationship condition. Do you have any further thoughts regarding this additional information?



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