

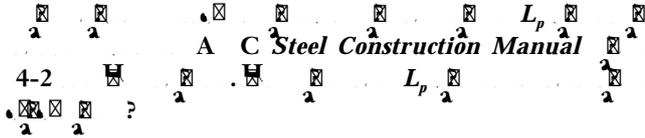
If you've ever asked yourself "Why?" about something related to structural steel design or construction, *Modern Steel Construction's* monthly Steel Interchange column is for you! Send your questions or comments to msc@ascelibrary.org.



Minimum Edge Distance



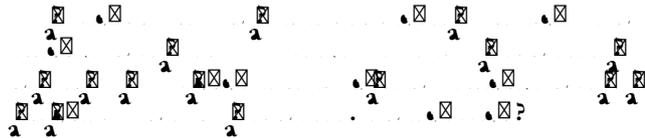
L_p for HP Shapes



L_p values listed in the *AISC Manual* for shapes with noncompact flanges are adjusted to account for the noncompactness. If the shape has noncompact flanges, as many HP shapes do, then the value listed in Table 4-2 is L_p' as shown in *AISC Manual* Figure 3-1. The notes for *AISC Manual* Table 3-2 describe the use of L_p' with M_p' and BF to quickly arrive at beam flexural strengths when $L_p' < L_b < L_r$.

Brad Davis, S.E., Ph.D.

PJP Groove Weld Callout



No, that is not correct. If all you show on drawings is a dimension, it is very likely that a detailer will transfer that dimension to shop and it will be incorrect. Depending on the dimension, the process and the material, that detailer may not be able to reproduce the dimension and end

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