

Design of Splices - Both  
Plates and Hi-St. bolts.

Using  $1.3 \left[ D + \frac{k}{3}(k+I) \right]$  for  
loading and strength of  
section at first yield  
design splice plates and  
bolts according to 1.7.15-  
Splices (that is 75% of the  
strength of the member or the  
area of Cal. stress & the strength  
of the member). The allowable  
strength or stress of the bolts  
shall be  $1.33 \times 16 = \text{say } 21,000 \text{ psi.}$

Splices in high-moment  
areas, if required, shall receive  
special consideration.

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