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The Maximum Deflection Is -0.67906, Which Agrees W Mar 14th, 2024.  
Finite Difference, Finite Element And Finite Volume ...PDEs Vrushali A. Bokil  
Bokilv@math.oregonstate.edu And Nathan L. Gibson  
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Differential Equations. The Finite Element Method (FEM) Is A Numerical Technique  
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The Finit May 1th, 2024.  
H-Beam, I-Beam, U-Beam, Angle & Checkered Plate H BEAM Standard Grade: Q235,  
SS400 Of JIS G3192 Sizes Weight Sizes Weight Sizes Weight 100\*50\*5\*7 9.54  
294\*302\*12\*12 85 482\*300\*11\*15 115 100\*100\*6\*8 17.2 300\*300\*10\*15 94.5

488\*300\*11\*18 129 125\*60\*6\*8 13.3 300\*305\*15\*15 106 496\*199\*9\*14 79.5  
125\*125\*6.5\*9 23.8 338\*351\*13\*13 106 500\*200\*10\*16 89.6 ... Apr 13th,  
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... Beam Natural Freq Feb 3th, 2024.  
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Similar To Figure 3. (Please Note The Model Tree Is The Series Of Functions Listed  
On The Left Hand Side Of The Viewport, While The Module Is The List Of Icons To  
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FINITE ELEMENT ANALYSIS OF BEAM-COLUMN BOLTED END									
...	Bolt Pretension Force KN	Column Stiffener	End-plate Stiffener	SC1	Flush	20	20	6	155
Yes	-	SC2	Extended	20	20	8	155	Yes	Yes
SC3	Extended	20	20	8	155	Yes	No	...	

ANSYS Is Used For The Analysis And Calculation Of These Connections. In The Fi Jan 7th, 2024

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