



# STEEL VS ENGINEERED WOOD

## Why the Bolted Beam?

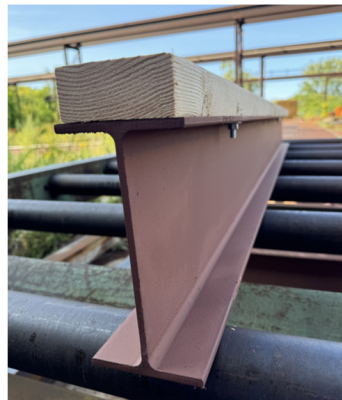
Using steel in your builds has many benefits. High durability, moisture resistant, pest resistant, fire resistant, and longer lifespan. Steel is significantly stronger and less prone to warping, twisting or rotting compared to wood. Steel doesn't absorb moisture making it ideal for long lasting and stable homes.

The Bolted beam includes a wood plate with a staggered bolt pattern fastened with carriage bolts, ensuring long lasting squeak free floors. The wood plate also increases the steels strength and rigidity laterally.

Splice connections allow for long runs of 55+ feet. Tee connections provide the ability to change directions of your beam line and create more versatility in your designs. Steel allows for more flexible architectural designs, like open floor plans, that engineered wood might struggle to support.

## Invest in Steel: Strength, Durability, Peace of Mind

Steel beams may have a slightly higher upfront cost than engineered wood, but the price difference is often minimal when considering the overall project budget. When you account for steel's greater strength and reliability, you often need fewer materials or reinforcements compared to wood, narrowing the cost gap. Additionally, the precision of steel manufacturing can reduce labor and installation time, further offsetting the expense. With only a modest increase in price, you gain a material that outperforms wood in durability, longevity, and performance, making steel an excellent value for a project built to last.



### More Head Room

Using the Bolted Beam in your basements allows for more head height and easier time finishing the basement.



### Secured Bolted Columns

Bolting your connections is a safe and effective way to make those forever connections.