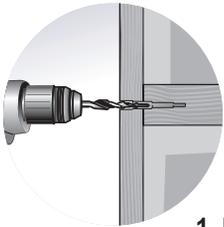


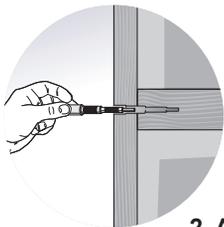
MAKE YOUR MARK WITH MILLER



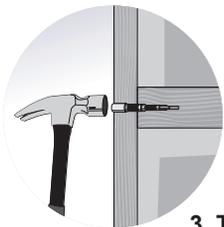
## EASY AS...



**1. Drill Stepped Pilot Hole**



**2. Add Glue and Insert**



**3. Tap Down**



1X Birch dowel and Tru-fit bit shown

## MILLER DOWEL

### *Introduces... Clampless Joinery!!*

introduces a revolutionary wooden fastener that offers superior joinery strength, easy and quick application, and time-honored appearance. It is a ribbed, hardwood dowel with a patented stepped-shoulder design which locks components together when seated.

Miller Dowel joinery is a simple two-part system consisting of a multi-diameter, stepped drill bit used to bore specialized pilot holes for each correspondingly sized dowel. This inventive relationship combines the ease of metal fastening with the benefits of solid wood joinery. Miller Dowels are inserted from the outside, aligning and holding the components flush without clamps. They anchor in end grain, have instant set time, are non-corrosive, and are self-plugging. The ribbed design holds and disperses glue throughout the joint. The principles that have made the mortise and tenon, dovetail and other traditional wood joints so enduring also apply to the Miller Dowel system. Joints created with Miller Dowels are more stable, flexible, and durable than those made with metal fasteners.

#### ••• FEATURING A PATENTED-STEPPED DESIGN—the way the dowel is made:

1. The first section acts like a clamp holding the first piece securely to the second.
2. The second section gives the joint shear strength.
3. The remaining sections bond with the anchor piece to form a secure joint.

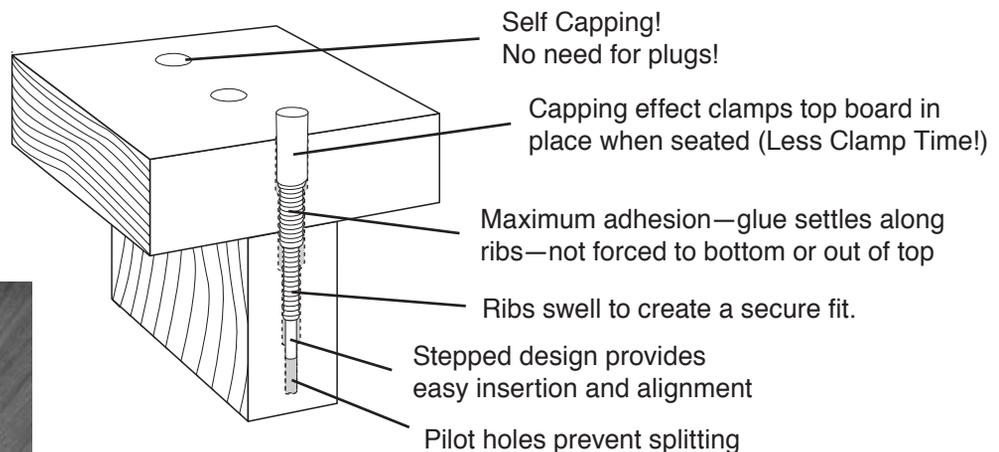
#### ••• ABOUT OUR DOWELS

1. Four different sizes: 1x, 2x, the Mini-X and the 1XSR.
2. Turned to a precise tolerance of  $\pm .008"$  & Kiln dried to a moisture content of 7%-9%.

#### ••• ABOUT THE MILLER TRU-FIT STEPPED DRILL BITS

1. Stepped to match the corresponding size Miller Dowel
2. Made from M2, industrial-quality high speed steel for longer cutting life
3. Designed with an aggressive helix and polished flutes for efficient chip removal
4. Three positive locking flats ground on the shank prevent spin-out
5. Split point prevents walking along the grain

## ADVANTAGES OVER OTHER JOINERY METHODS!



Miller® Dowels are made from a variety of hardwood species including Exotic and weather-resistant species. Call for a current list.

RED OAK  
 BIRCH  
 CHERRY  
 BLACK WALNUT  
 & EXOTICS