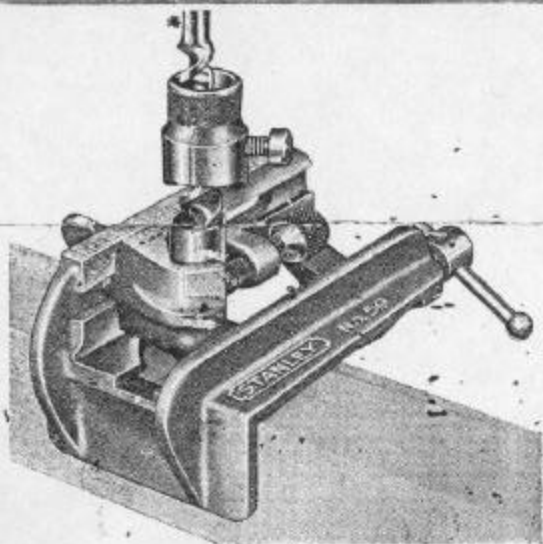


Stanley

DOWELING JIG

No. 59



STANLEY

THE TOOL BOX OF THE WORLD

STANLEY DOWELING JIG

No. 59

The Stanley Doweling Jig is an essential tool for all woodworkers. It facilitates boring dowel holes in the edge, end or surface of work. It is also an excellent bit guide for mortising.

In using the Doweling Jig, there is no guesswork—no need of truing the bit with a try square—simply clamp the Jig to the work at the right position, bring the Guide to a proper graduation mark, and the bit will be guided straight at right angles to the work, resulting in properly aligned holes for making doweled joints.

Depth gauge and six guides— $3/16$, $1/4$, $5/16$, $3/8$, $7/16$ and $1/2$ inch—are furnished with each Doweling Jig. Guides for $9/16$, $5/8$ and $3/4$ inch bits are available as accessories.

The Doweling Jig can be clamped on stock up to $2-7/8$ inches thick.



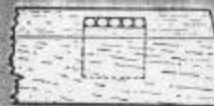
USED FOR VARIOUS DOWEL JOINTS



MITRE
JOINT



BUTT
JOINT



MORTISING

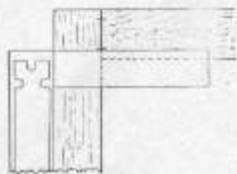


DOWELED
STOCK

Directions for Use

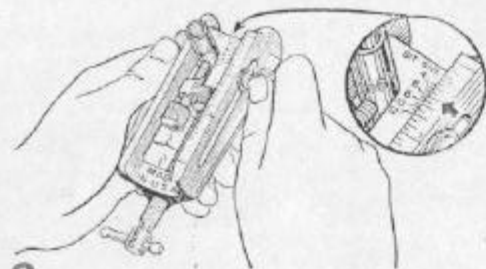
1.

Indicate on face side of work a center line for any number of dowels desired.



2.

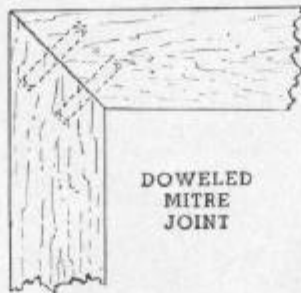
Select a suitable size dowel for your wood and the same size guide. Secure the guide bevel end up, in slide with bottom of guide practically flush with under side of the guide.



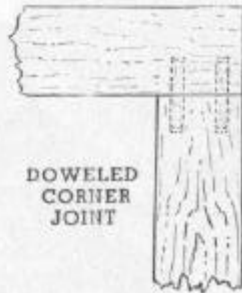
3.

Adjust the slide, aligning the index line for the guide selected at the proper graduation to bring the center of the hole the distance desired from the face side of the wood. An index line is given on the slide for each guide or bit size.

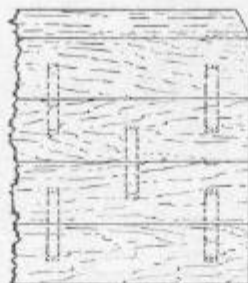
Example: For a $3/8$ " guide, adjust the slide to bring the index line No. 6 to the desired graduation mark. If the dowel is to be in the center of



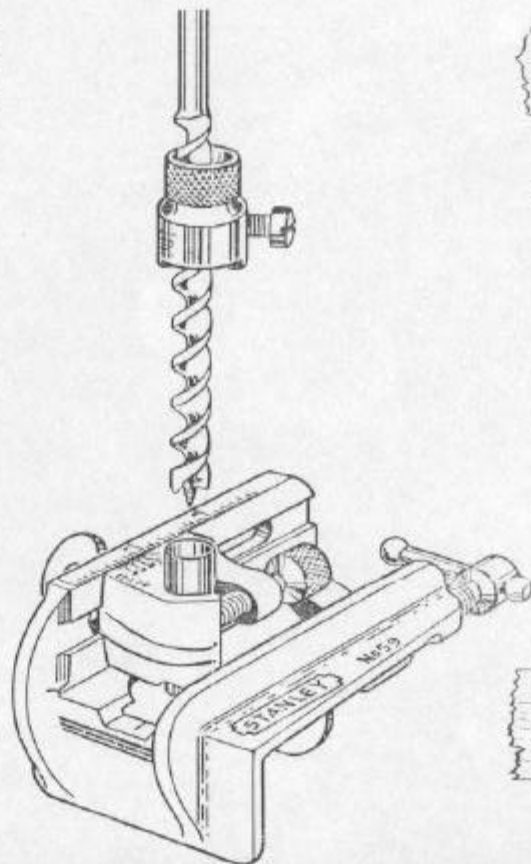
DOWELED
MITRE
JOINT



DOWELED
CORNER
JOINT



DOWELED STOCK



MORTISING

Russell Jennings Auger Bits No. 100 are recommended for use with the Doweling Jig. Guides furnished with the Jig are made 1/100th of an inch larger than the size stamped on guide. This provides clearance for variations in the size of commercial auger bits. As all auger bits have clearance back from the cutting lips, keep the bit on a straight course through the guide as you bore the holes.

Twist bits for wood (wood bits) or twist drills for metal may be used. The size selected

should fit snugly in the guide. This provides almost perfect guiding and more accurate holes. The holes will be slightly larger depending on dowels used, but only enough to provide room for glue. It is customary to saw a slight kerf the length of each dowel pin to avoid having glue locked in the bottom of hole. Unless this is done, your dowel joint may not fit tight, or it may split the wood when clamps are applied, caused by the glue that cannot escape in the bottom of the holes.