



m-LUMBER

NEW ENHANCEMENTS FOR 2027

Released Date: 08.15.2026

Application(s): IRONCAD™, INOVATE™

Introducing our latest product update, packed with exciting new features and enhancements designed to elevate your experience. We've listened to your feedback and have incorporated improvements that streamline functionality, boost efficiency, and enhance usability. From enhanced user interfaces to advanced customization options, this update is tailored to empower you in achieving your goals more effectively. Join us as we unveil a new chapter of innovation, delivering a product that's more intuitive, powerful, and versatile than ever before.

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French Cleat



The French Cleat has been added as a variant model with nominal thicknesses; 3/8 (.34), 1/2 (.47), 3/4 (.72). You can adjust the length of the cleat via the H sizebox handle. You can edit the cut angle to suit as well.



Edit Design Variations

Add... Delete Reinitialize... Add To Active Configuration Search-4/4 OK Close

3/8 1/2 5/8 3/4

Design Parameters

	A	B	C	D	E
1	Name	Current Value	Design Value	Units	Expressio
2	THICKNESS	0.72	0.72	in	

Show All Show Driving Show Selected

Children Design Variations

	A	B
1	Child	Design

General Properties

	A	B	C
1	Property	Current Value	Design Value
2	Name	French Cleat - 3/4"	French Cleat - 3/4"
3	Number		
4	Description		
5	Color	R:230 G:211 B:198	R:230 G:211 B:198

Preview Image

Generate Browse...

Custom Properties

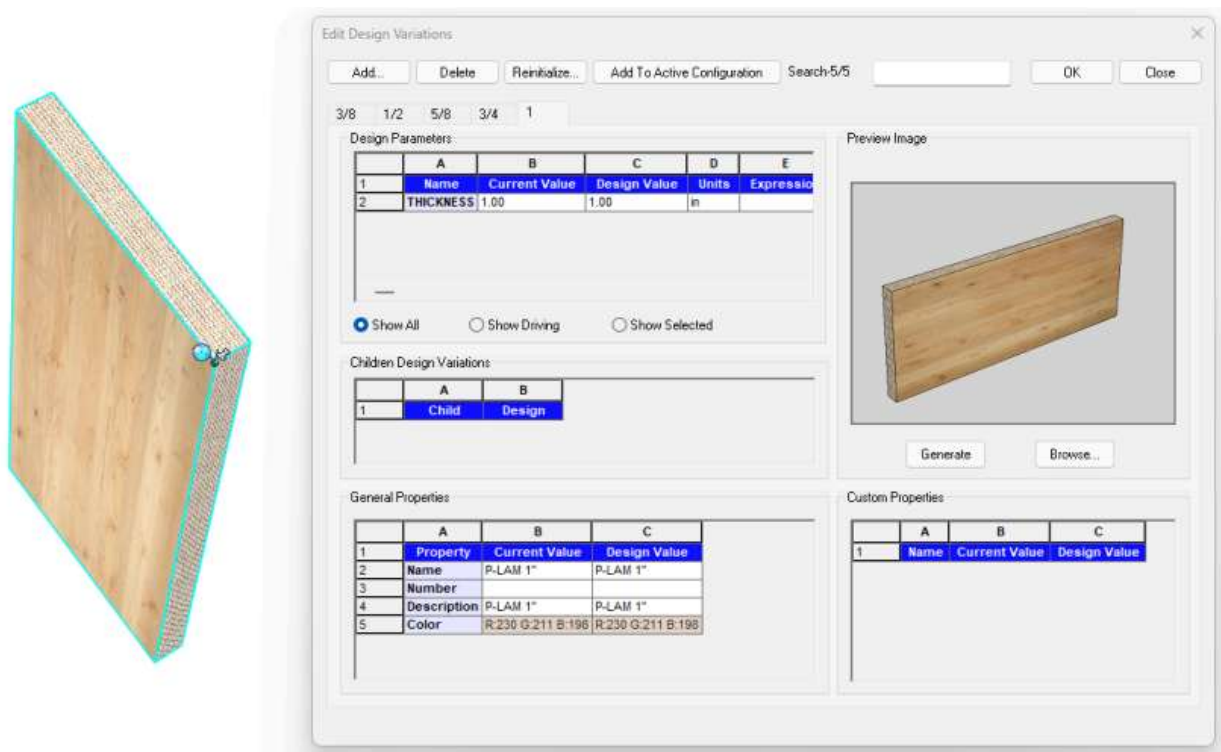
	A	B	C
1	Name	Current Value	Design Value

P-LAM



A variant model of common laminated plywood sheets. The sizes are set to the full

scale to use for conceptualizing designs in round numbers. However you can edit to put the actual dimensions of the lumber if desired.



Wood Biscuit



Wood Joining Biscuit commonly used in woodworking. A variant model in the following sizes: #FF, #0, #10, #20. Thickness set to .125" for all. Quick Parameter access to edit thickness value on-demand.



Sub Design Variations

Add... Delete Rerun Value... Add To Active Configuration Search 4/4 OK Close

FF 0 10 20

Design Parameters

	A	B	C	D	E
1	Name	Current Value	Design Value	Units	Expression
2	WIDE	0.04	0.04	in	
3	LENGTH	2.25	2.25	in	
4	THICKNE	0.12	0.12	in	

☒ Show All ☐ Show Driving ☐ Show Selected

Children Design Variations

	A	B
1	Child	Design

General Properties

	A	B	C
1	Property	Current Value	Design Value
2	Name	Wood Biscuit - #20	Wood Biscuit - #20
3	Number		
4	Description	#20 Biscuit	#20 Biscuit
5	Color	R:230 G:211 B:198	R:230 G:211 B:198

Preview Image

	Biscuit Size	Width	Length	Approx. Qty
FF	1/2"	1 1/2"	1 1/2"	1 1/2"
8	1/2"	1 1/2"	1 1/2"	1 1/2"
10	1/2"	2 1/2"	2 1/2"	2 1/2"
20	1/2"	2 1/2"	2 1/2"	2 1/2"

Generate Browse...

Custom Properties

	A	B	C
1	Name	Current Value	Design Value

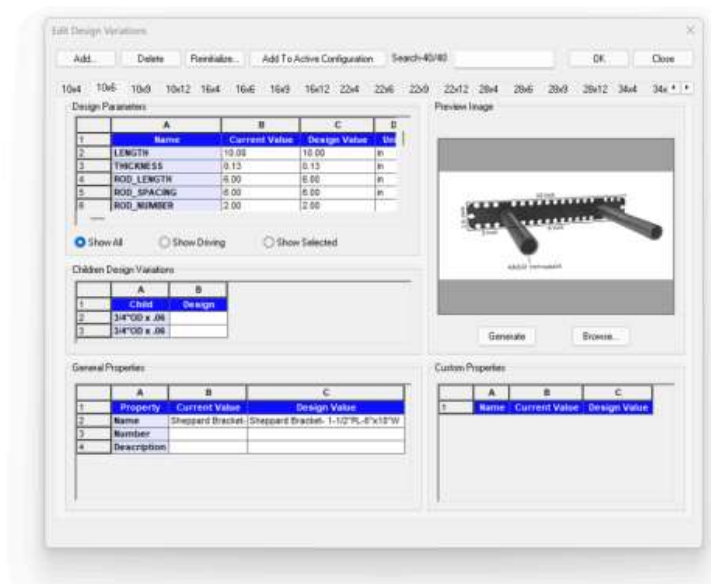
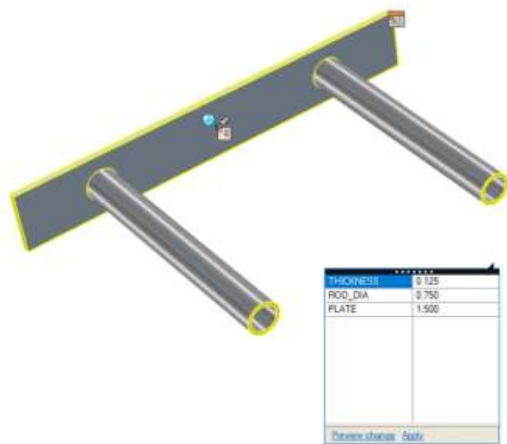
Sheppard Bracket



A Variant model of a Sheppard Bracket used in the installation of "Floating Shelves". This model has all the available variations for 1-1/2" plate SB from 10"W thru 82"W. Also included is a webhook to manufacturer website and Quick Parameters.

The Quick Parameters allow you to edit the values on demand for:

- Plate Thickness
- Plate Height
- Rod Diameter

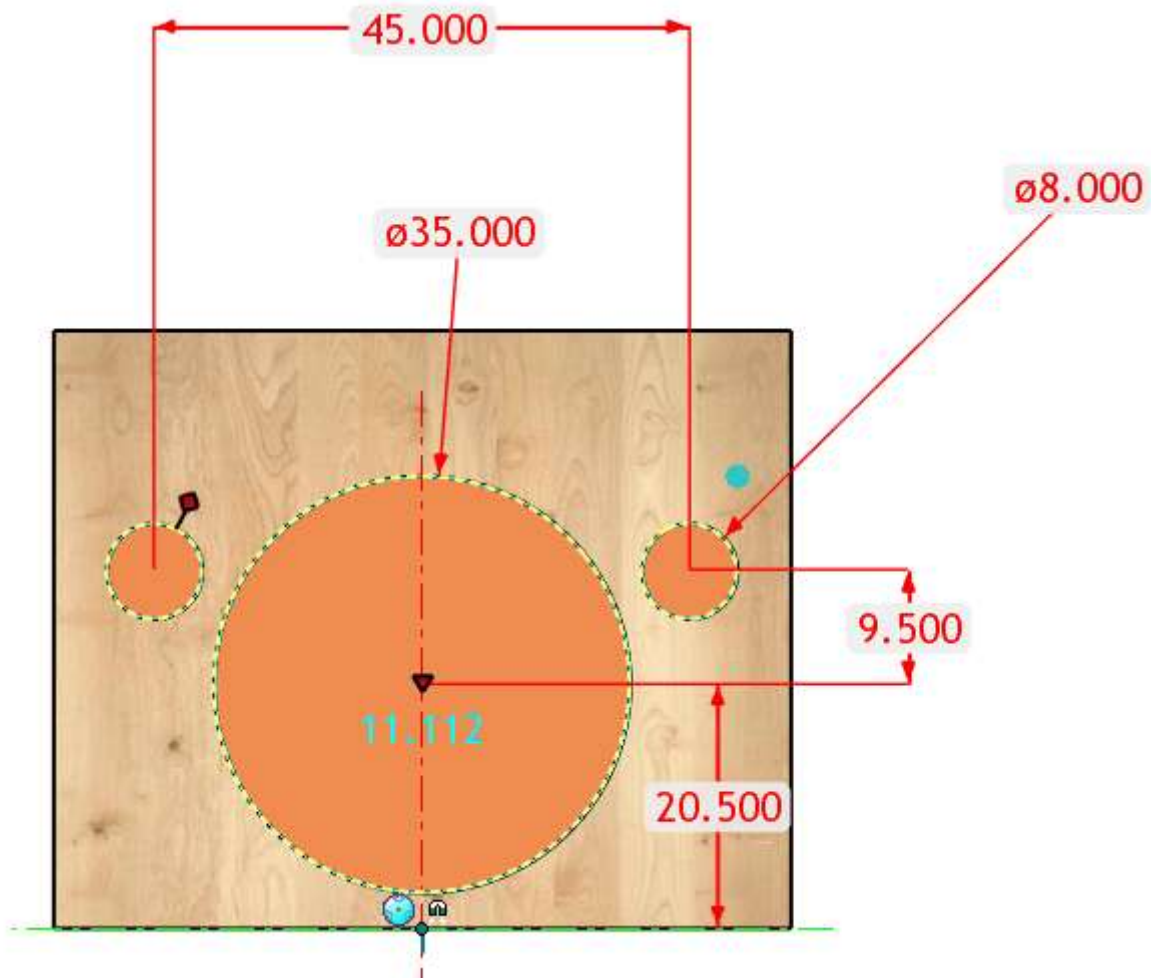


Euro Hinge Hole



Euro Hinge Hole

A dimension driven Hole setup for common European Hinge Holes. Edit the dimensions to suit your specific hinge specifications.

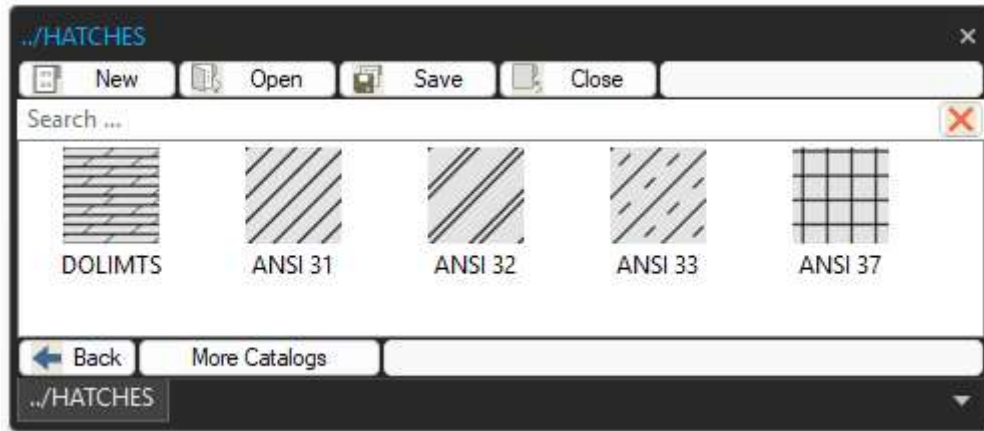


../HATCHES



HATCHES

Added are some common ANSI hatch pattern images that can be dropped onto your 3D models in any mode: Part, IntelliShape or Face. Typically the FACE mode is most common to include "sections".

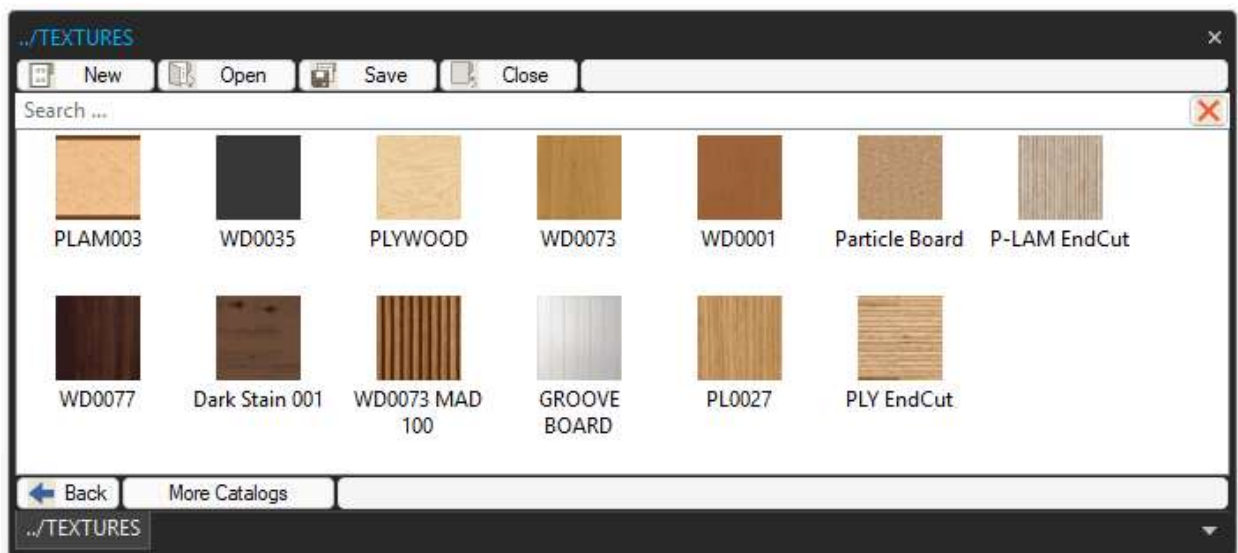


../TEXTURES



TEXTURES

Added are some common millwork type textures with proper designations.



Enhancements

Tenon Full



The Full Tenon has been overhauled to be more easy to use and more productive. The feature is not extremely to edit the sizing of the tenon as well control the offset cutting size for larger materials.

[VIDEO.](#)

Tenon



We have replaced the design variations in previous release in exchange for Quick Parameters. The decision was made that this works easier and allows for more custom value editing on demand.

[VIDEO](#)

Half Lap



We updated the Half Lap so the cutting plane always remains centered on the part. Also made the SHAPE handles on by default for faster editing.

