

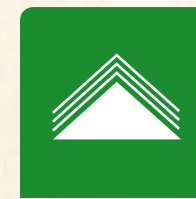
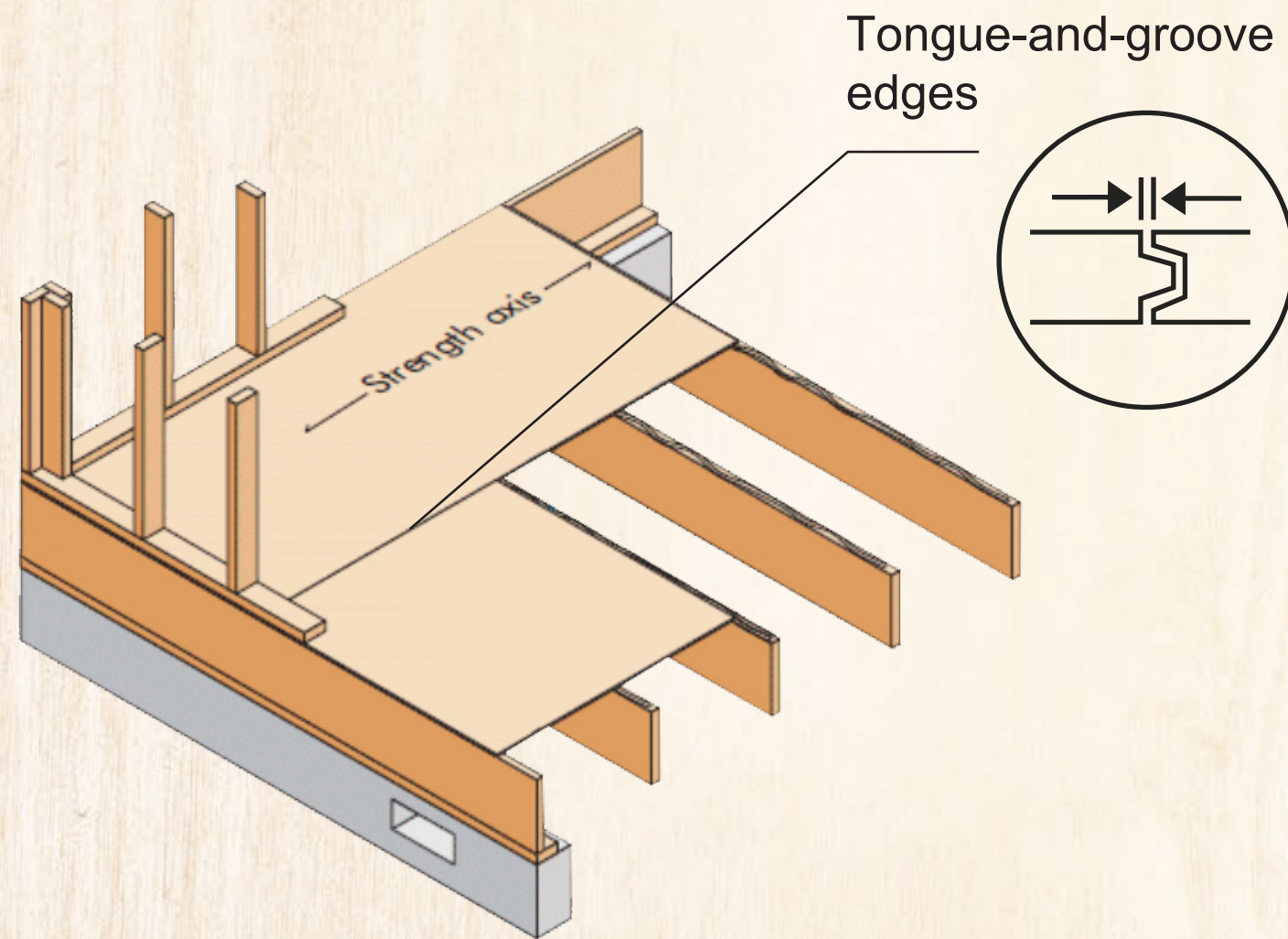
# EDGE MACHINING SERVICE: TONGUE & GROOVE AND CHAMFERING

# Tongue & Groove (T&G) applications and advantages:

- ✓ T&G joint improves structural integrity and increases stiffness of assembled elements;
- ✓ More rigid subfloor helps eliminate an issue of sagging and squeaking versus solid blocking without T&G joint;
- ✓ Fast and easy installation speed up the assembly process;



For flooring/decking



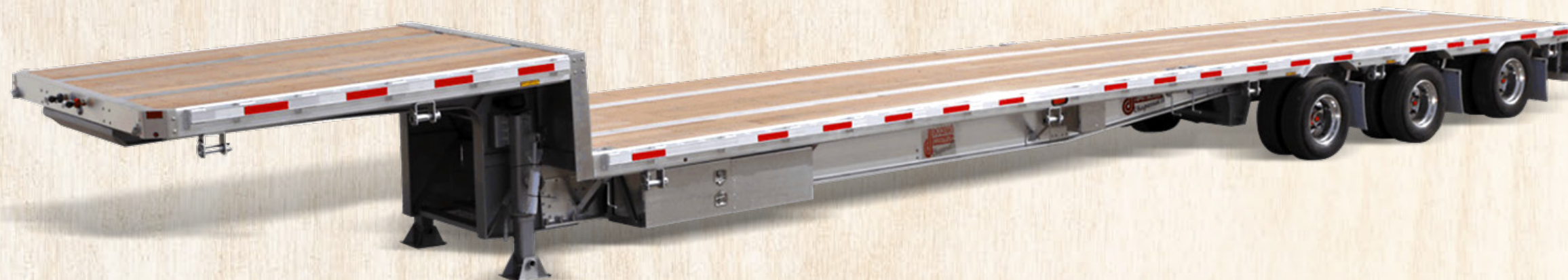
For roofing



For wall cladding/paneling

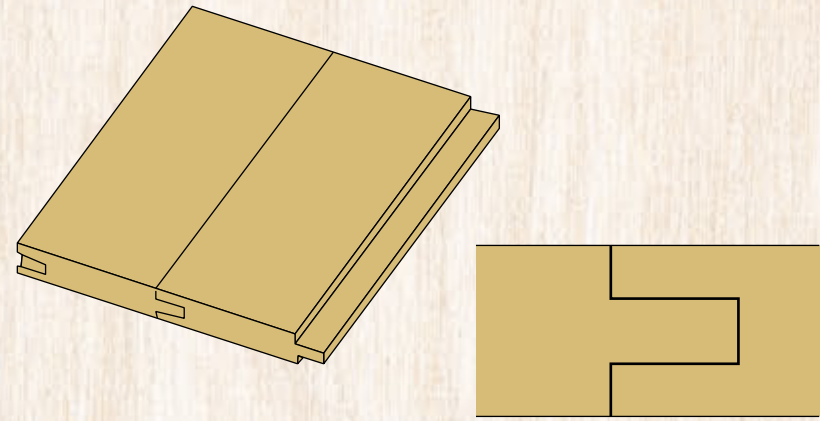


For floor in vehicles

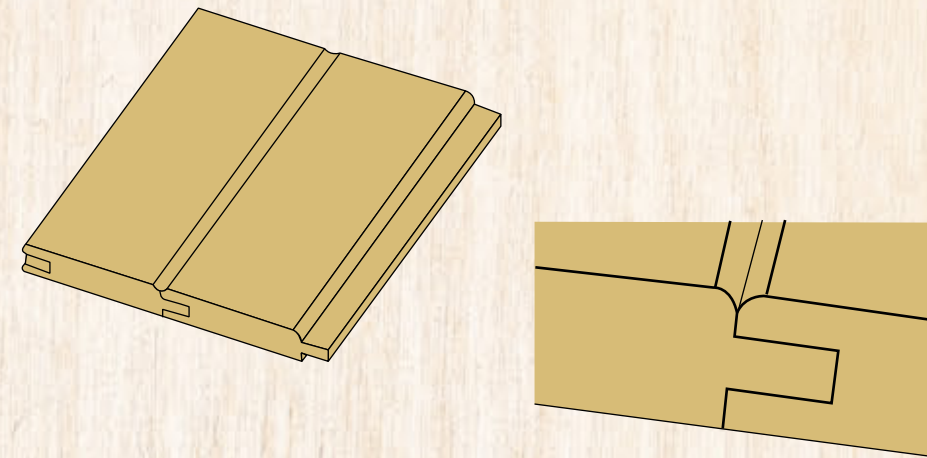


# Types of T&G profiles:

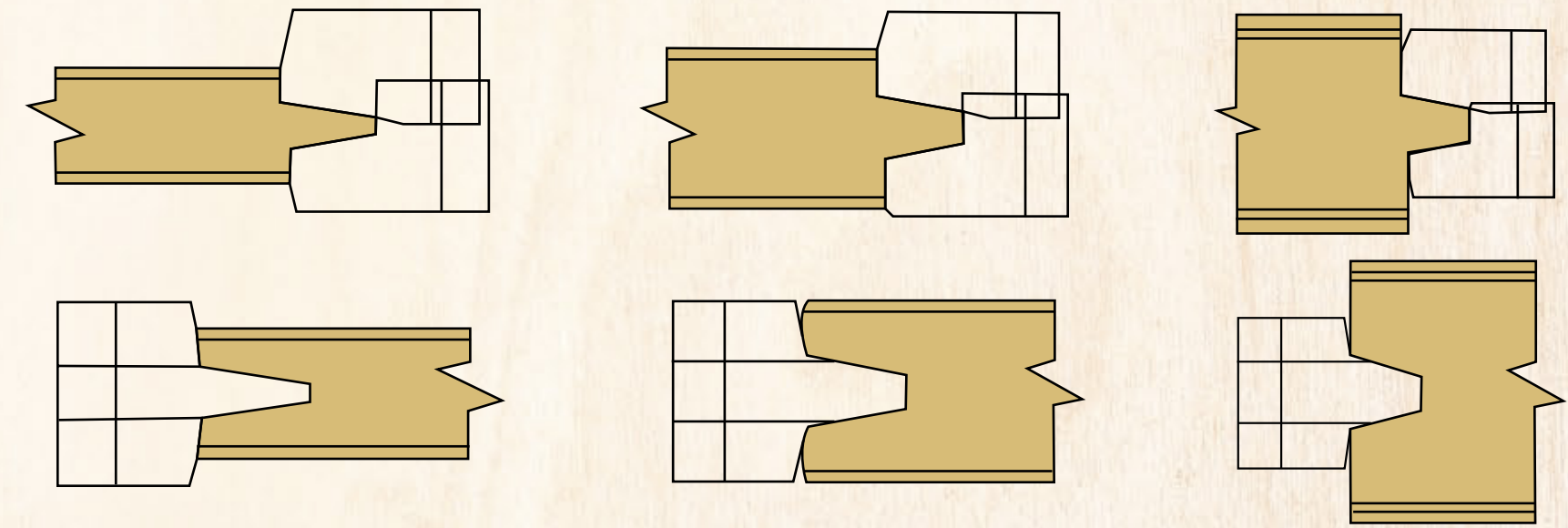
Standard profile



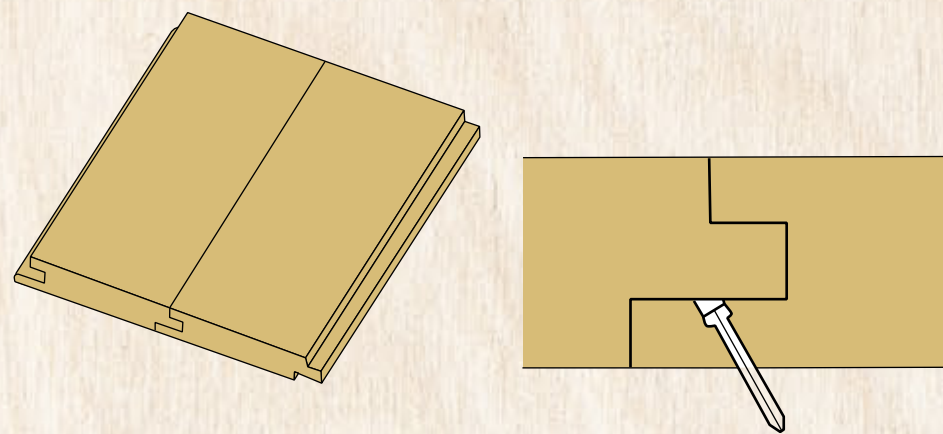
V joint profile



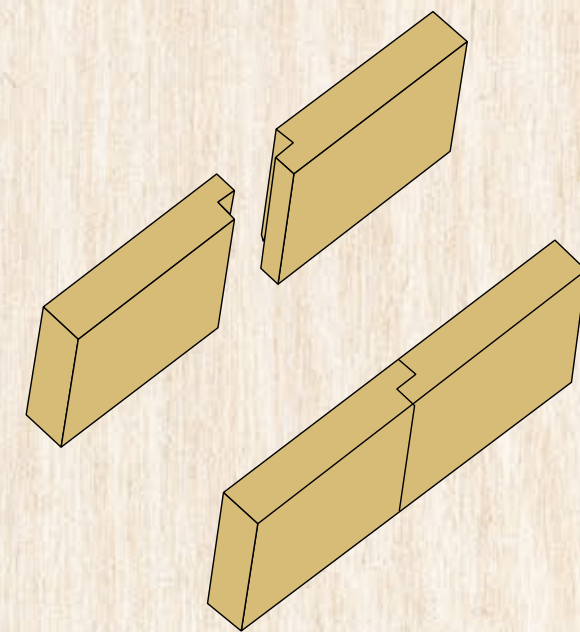
Different T&G shapes and sizes:



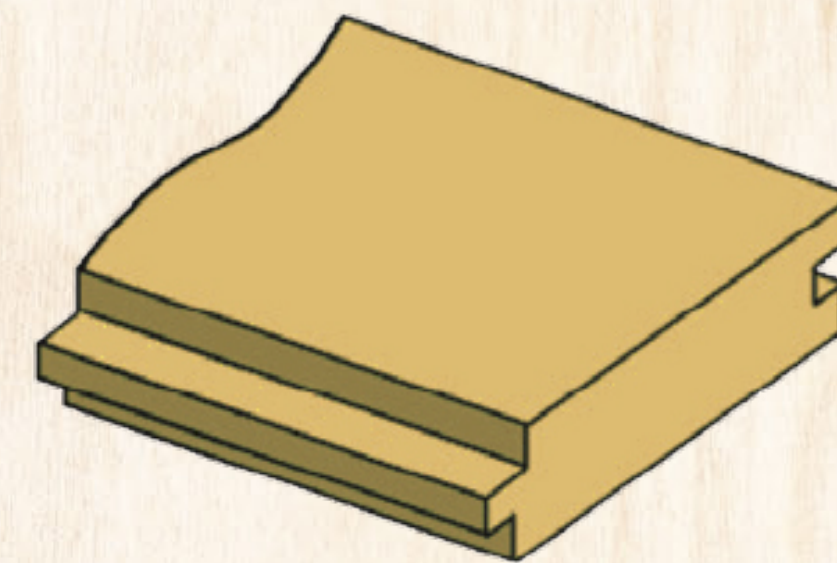
Secret Nail profile



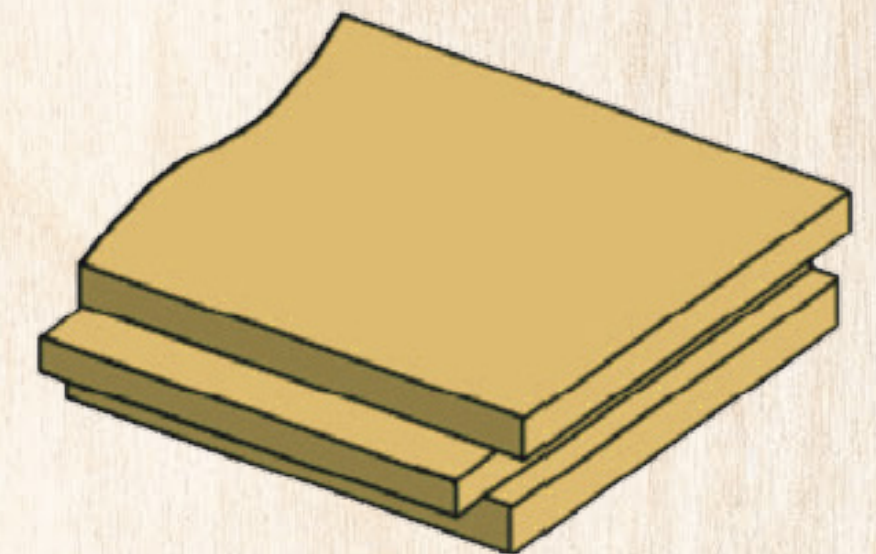
Shiplap profile



Plain End



End-Matched



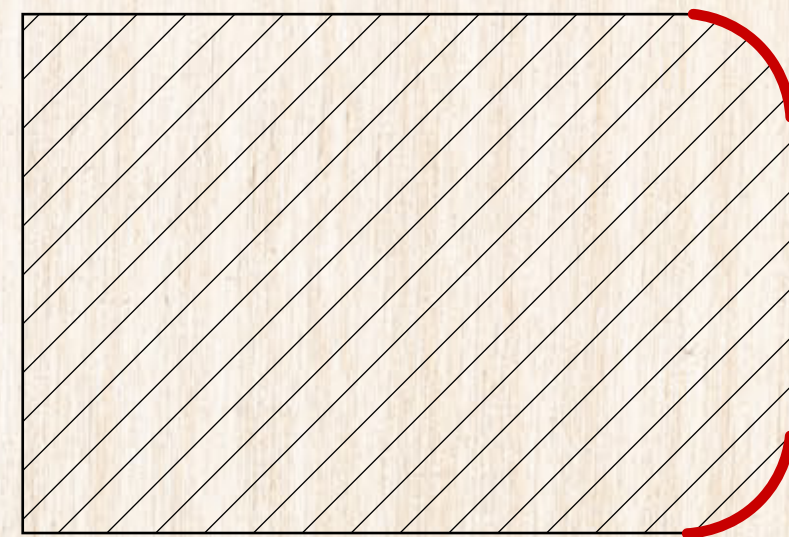
# Chamfering on the edge of plywood parts

## Chamfer Dimension Schemes

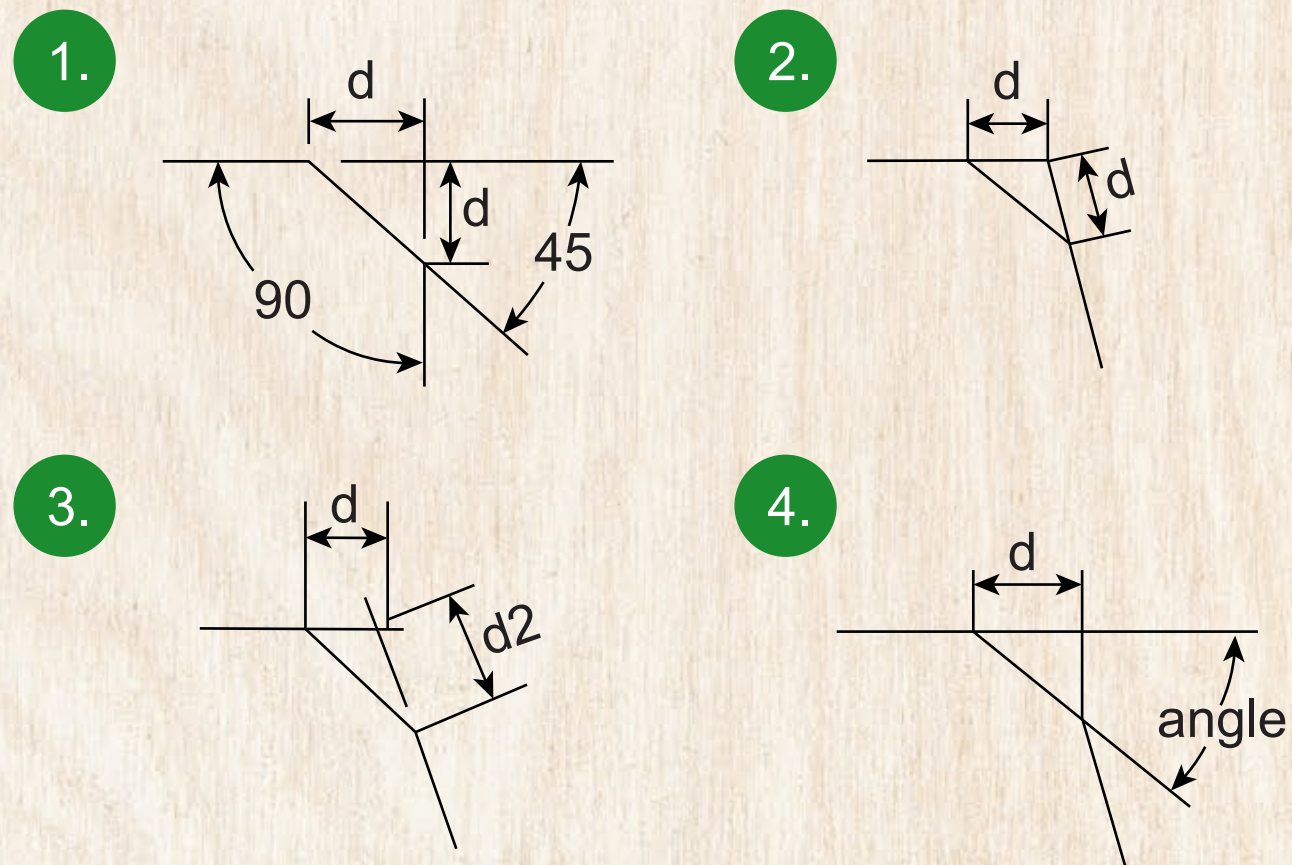
C angle



R angle



1.  $45 \times D$
2.  $D \times D$
3.  $D1 \times D2$
4. Angle  $\times D$



## Chamfer types



Straight Edge



Eased Edge



1/4 Bevel Edge



Reverse Bevel Edge



Half Bull nose Edge



1/2 Bevel Edge



Full Bull nose Edge



1/4 Bevel Top & Bottom Edge



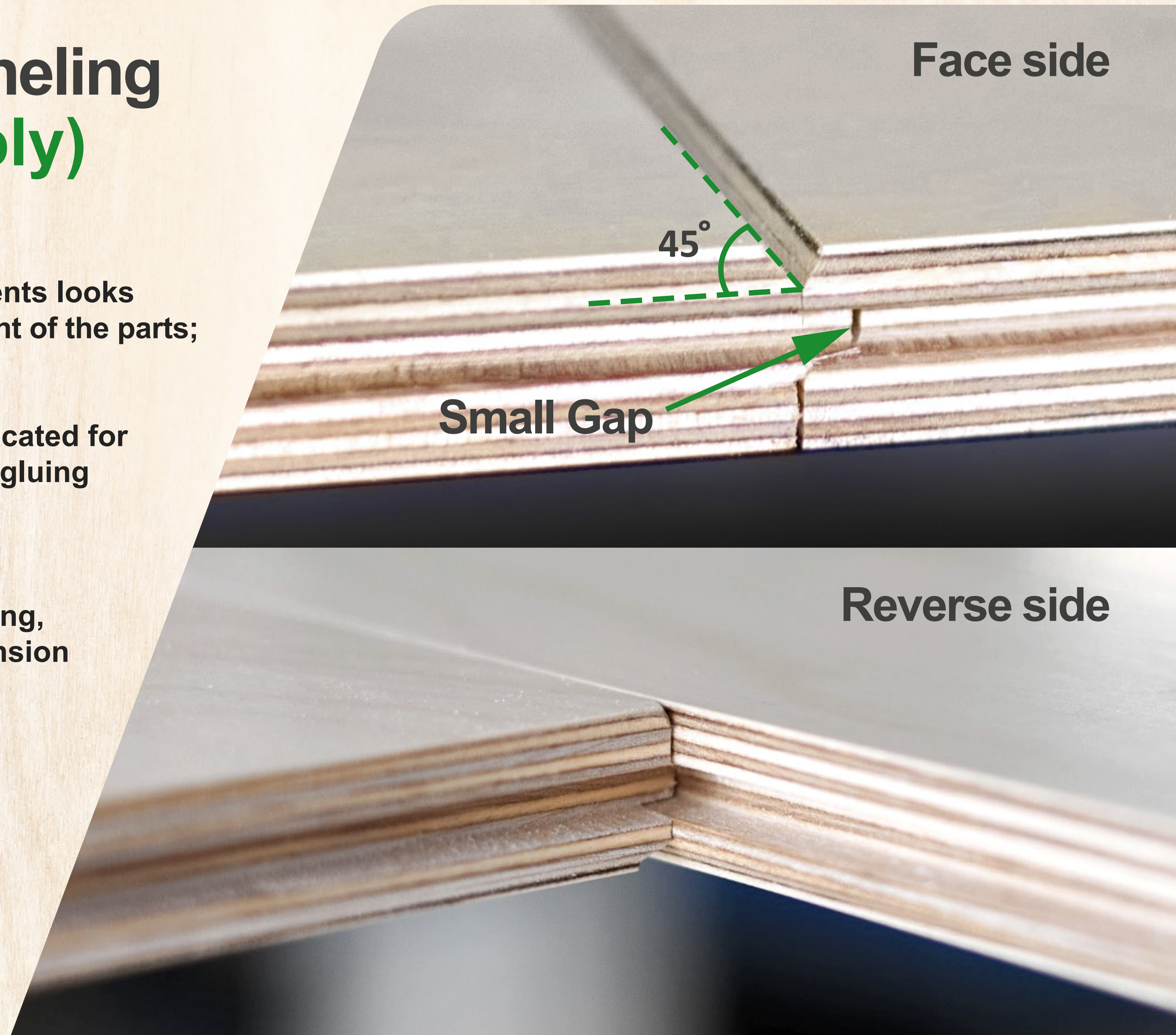
Ogee Straight Edge



Ogee Bullnose Edge

# V-Groove edge-to-edge paneling example (Segezha Clearply)

- ✓ Decorative V-groove shape in assembled elements looks aesthetically while hiding any slight misalignment of the parts;
- ✓ The small gap between tongue and groove dedicated for a tight fit at shoulders (mechanical junction or gluing is possible);
- ✓ When parts are interlocked through end-matching, cupping potential is eliminated and wood expansion and contraction are tolerated;
- ✓ Surfaces are already finished by transparent overlay avoiding moisture penetration



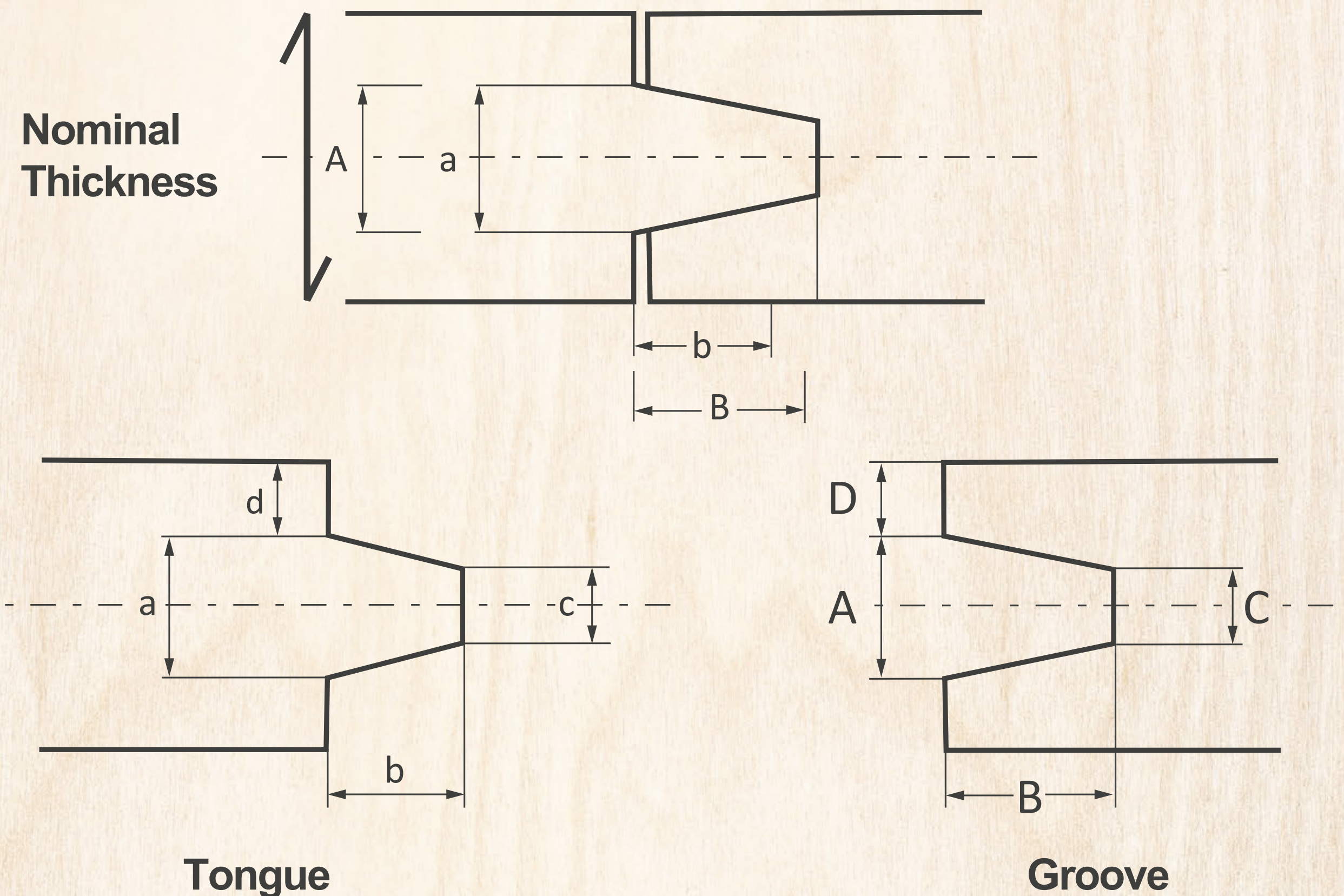
# Specify your T&G drawing

## We care about machining service

### Type of T&G profile

format size, ft	4x8, 8x4, 5x10, 10x5, or specific size
Nominal thickness, mm	fill in data
Quantity of plywood parts, p	fill in data
In case of standard T&G profile apply geometrical sizes (A,a,B,b, etc.), mm	fill in data
In case of specific edge profile	Please indicate your requirements and/or send us your sketches

### Sketch of standard T&G profile



# Contacts

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