

The Lumber Bracket

2/20

PURPOSE:

The purpose of the bracket is to hold standard construction lumber to a standard metal T-post.

To be able to attach, in a permanent position, at various levels, lumber to a standard metal T-post.

To use T-posts as vertical building structures instead of wood, thus eliminating wooden posts, digging of holes, concrete footings, tamping around posts, replanting grass.

To utilize the uppermost knobs on a T-post for the horizontal framing to hold a shed roof.

To hold horizontally, top and bottom, standard lumber, to hang vertical boards or sheets of siding, or a wooden board fence, all from standard metal T-posts. Will also hold a floor in a shed or other outbuilding.

To place siding, boards, plywood or panels, for an outbuilding, and totally close it in by hanging a roof, and a floor from a T-post.

BENEFITS:

To be able to use metal T-posts instead of wood to construct outbuildings.

The Lumber Brackets can be attached to T-posts on top, in the middle, near the bottom, to horizontally hold construction lumber.

Brackets will promote the construction of boarded up wood sheds, goat sheds, tractor sheds, mower sheds, hay sheds, and others.

When horizontal construction lumber is in place, bracket will not slide down because the brackets use the protruding knobs on the standard metal T-post to secure the bracket at its desired location.

A shed roof will not lift off do to strong winds because the protruding knob above locking knob on T-post will keep the assembly from sliding up the post.

The Lumber Brackets will fit all standard metal T-posts sold in the USA. T-posts are manufactured in 5', 6', 6 1/2', 7', 8', 9', 10', lengths.

The Lumber Brackets can hold the standard 2x4, 2x6, 2x8, 2x10, 2x12 construction lumbers. The Lumber Brackets are designed to be doubled up to be able to hold very heavy lumber such as 2x8"-2x12" pressure treated construction lumber.

The lumbers listed above are all 1 1/2 inches in width. The height of the construction lumbers will be able to be held by the Lumber Bracket in a vertical position. The bracket's cradle, at 90° to the vertical wings of the T-posts, will handle all 1 1/2" thick lumber.

The Lumber Brackets are positioned, and are able to slide up or down vertically, in two inch increments, on a standard metal T-post, before lumber is attached.

The Lumber Brackets are able to hold treated lumber for attaching wood slat fencing. Or, treated lumber to hang a floor in a shed to keep varmint from entering.

T-posts are readily driven into the ground with a manual pounder, verses using heavy equipment to dig the holes for wooden posts, pouring concrete on bottom, filling holes with dirt, tamping soil.

No additional parts, tools, or equipment are needed to attach a Lumber Bracket to a T-post.

DESIGN:

Brackets are made with galvanized steel.

Brackets are to slide on, tilt to lock a cradle for wood onto T-post.

Brackets are held in locked position by knobs and both sides of the wings on T-post.

Brackets have a very high downward-force shear point.

Brackets can be doubled up to hold large construction lumber.

Center notch in bracket is to line up butting horizontal lumber.

Two oblong screw holes on each side of the bracket's cradle will accommodate wood screws even when brackets are doubled up.

Brackets are reversible and will lock onto T-post on both sides of the post.