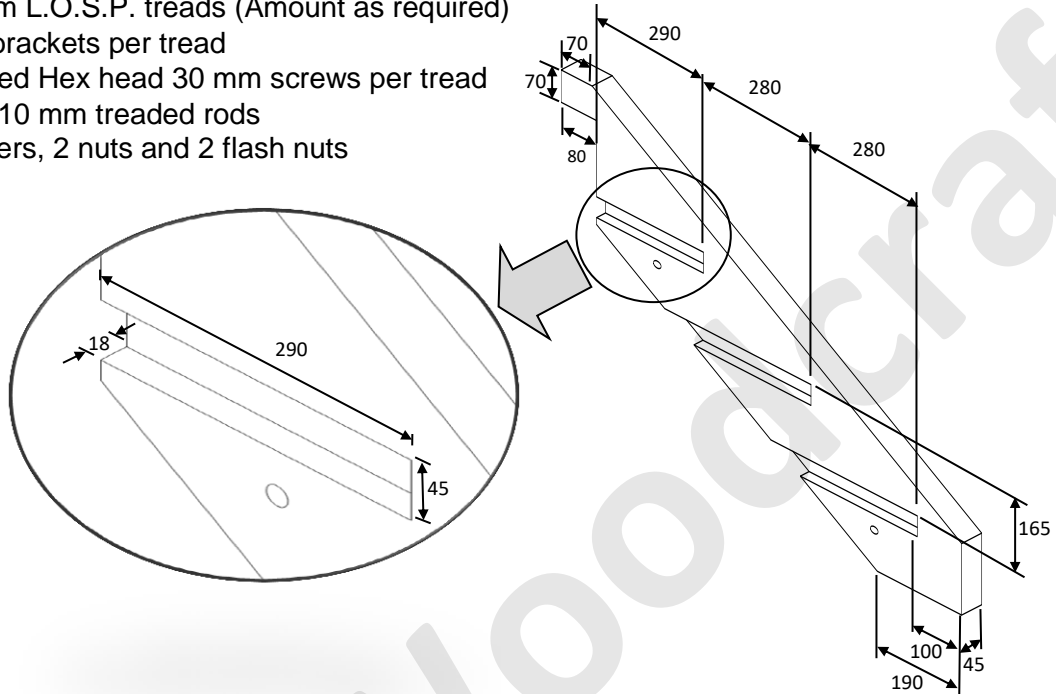


COMPONENTS INCLUDED

- One pair of stringers
- 290 X 45 mm L.O.S.P. treads (Amount as required)
- Two Angle brackets per tread
- 12 Galvanized Hex head 30 mm screws per tread
- Galvanized 10 mm threaded rods with 2 washers, 2 nuts and 2 flash nuts

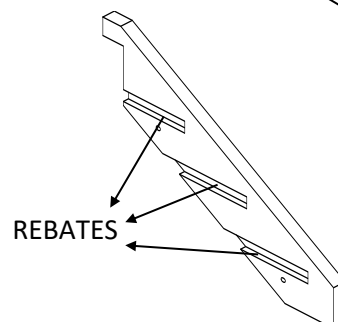
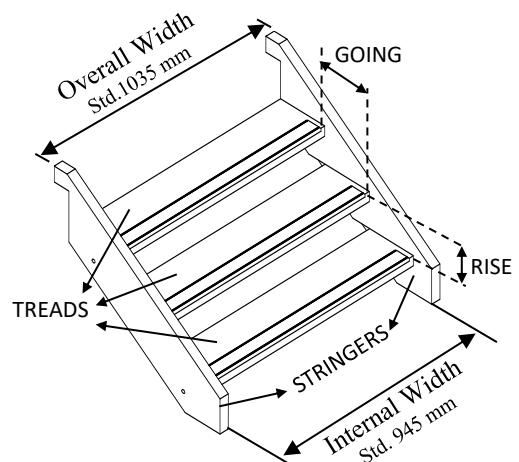


TOOLS NEEDED TO PERFORM ASSEMBLY:

- Drill
- 8 mm (5/16") Hex head socket bit
- 8 mm (5/16") Allen key
- 16 mm (5/8") Spanner or shifter

DEFINITIONS

- **TREADS:** The steps in the stairs.
- **RISE:** The difference in height between a step and the next one.
- **GOING:** The deepness of a step.
- **STRINGERS:** The sides of the stairs.
- **OVERALL WIDTH:** The distance between the two external faces of the stringers.
- **INTERNAL WIDTH:** The distance between the two internal faces of the stringers. The same width of the steps.
- **TREAD WIDTH:** The total width of the tread.
- **REBATE:** The groove on the stringers where tread is located into.



STAIR CARE

We highly recommend on all surfaces for maximum service life:

- Paint the product on the SIX SIDES including end grain and housing joints
- When painting, use Oil Based Primer
- When staining, use Semi-Translucent Oil Based Stain
- Refer to Painting Instructions on PAGE 5 on the brochure

Brochure can be found on our website www.karemwoodcraft.com.au

PREMIUM STAIR KIT

280 mm Going
165 mm Rise

We highly recommend to:

- Retreat all L.O.S.P. PINE. Apply to housing joints and treads when cut to length.
- Use stirrups to elevate stairs off the ground by 20 mm.
- Cut the rooster head of the stringer off if the stair does not reach a wall or post. →
- The assistance of a qualified tradesperson to perform the installation in some cases. Stairs must be fixed to building securely.

*** RETREAT ALL HOUSING JOINTS AND ENDS OF TREADS PRIOR TO ASSEMBLY, CONSIDERED A MUST IN HIGH MOISTURE ENVIROMENTS. REFER TOYOUR LOCALSTORE**

STEPS:

1. Insert treads into the rebate of the stringer (See **Diagram 1**) pushing tread forward up to the front edge of rebate of stringer. Hold firmly in position.
2. Install Treaded Rod. Washer and nut go on the internal side of the stringers always with the washer facing the stringer and the flash nuts go on the external side. (See **Diagram 2**).

The easiest way to install treaded rod:

- I. Insert one end through the 14 mm hole from the outer side of the stringer. (See **Diagram 3**).
- II. Put a nut (first) and a washer at about 150 mm from the inserted end.
- III. Insert that end through the 14 mm hole on the other stringer until the opposite end of the treated rod is out of the first stringer.
- IV. Repeat step II on the other end.
- V. Reinsert Treaded Rod into the stringer.
- VI. Once both ends are inside the stringers with the nuts and washers inside the stringers, insert a flash nut into each hole in the stringer and screw it to the treaded rod.
- VII. Tide up flash nuts to assure stringers and treads are appropriately fitted.
- VIII. Tide up internal nuts.

3. Make sure treads are positioned to the full depth of the rebate before installing angle brackets.
4. Install Angle Corner Brackets under each side of the tread to secure treads to stringers using the six 8 mm screws into each bracket. (See **Diagram 4**).

Diagram 1

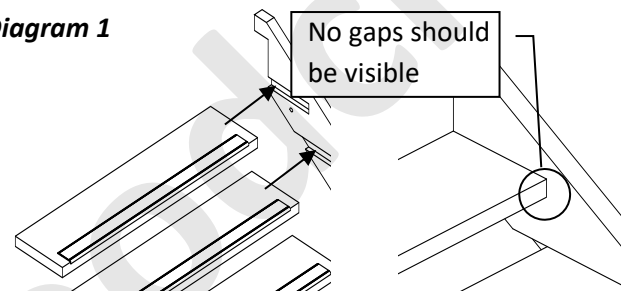


Diagram 2

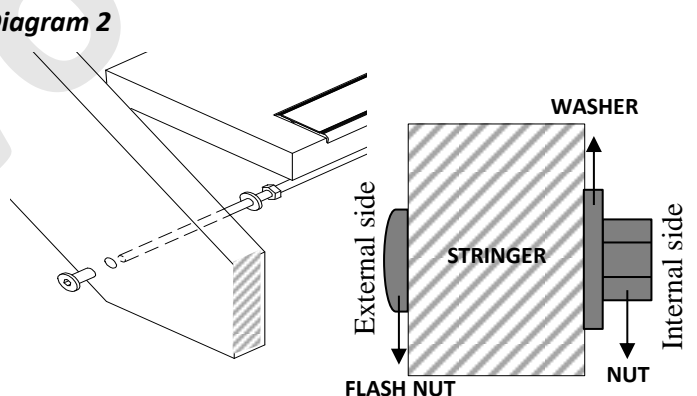


Diagram 3

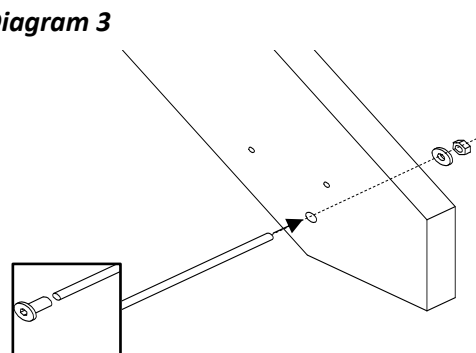


Diagram 4

