



1994

# BCT TIMBER POST

PDF01

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### SPECIFICATIONS

Posts shall be made of timber with a stress grade of at least 8 MPa. Grading shall be in accordance with the rules of the West Coast Lumber Inspection Bureau, Southern Pine Inspection Bureau or other appropriate timber association. Timber for posts shall be S4S (surfaced four sides) with finished dimensions indicated. The tolerances shown are applicable to the finished post since this post must slide inside foundation tube PTE05. The post edges may require beveling below the 22 mm hole to allow the post to fit into the steel foundation tube.

All timber shall receive a preservation treatment in accordance with AASHTO M133 after all end cuts are made and holes are drilled. Cross-sectional properties shown below are based on the finished dimensions and are calculated through the 64 mm weakening hole.

Designator	Area (10 <sup>3</sup> mm <sup>2</sup> )	I <sub>x</sub> (10 <sup>6</sup> mm <sup>4</sup> )	I <sub>y</sub> (10 <sup>6</sup> mm <sup>4</sup> )	S <sub>x</sub> (10 <sup>3</sup> mm <sup>3</sup> )	S <sub>y</sub> (10 <sup>3</sup> mm <sup>3</sup> )
PDF01	18	77	29	810	412

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

### INTENDED USE

This timber post is a component of several guardrail terminals in the breakaway cable terminal family of devices (SEW03a, SEW04a and SEW05). This post is connected to a steel foundation tube (PTE05) using an FBX16a bolt and nut and FWC16a washers. The anchor cable assembly of systems SEW03a, SEW04a and SEW05 connect to the post through the 64 mm hole at the base. Post sleeve FMMO2 should be inserted into the 64 mm hole at the base of the post. This post is also used in the SEW02a trailing-end W-beam anchor.

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