



Cutting, Notching and Boring



This handout provides the limitations for cutting, notching and boring wood studs, joists and plates. For trusses and manufactured lumber such as lamintaed veneer lumber, consult the manufacturer’s installation recommendations.

Compliance Responsibility

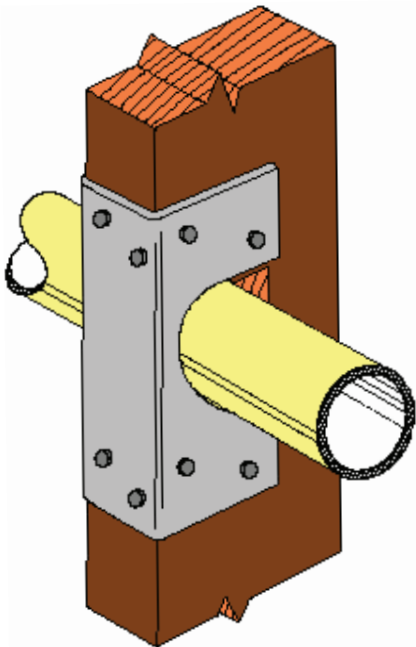
This handout is intended only as a guide and is based in part on the Minnesota State Building Code, City of Crystal ordinances, and good building practices. While every attempt has been made to insure the correctness of this handout, no guarantees are made to its accuracy or completeness. Responsibility for compliance with applicable codes and ordinances falls on the owner or contractor. For specific questions regarding code requirements, refer to the applicable codes or contact your local building department.

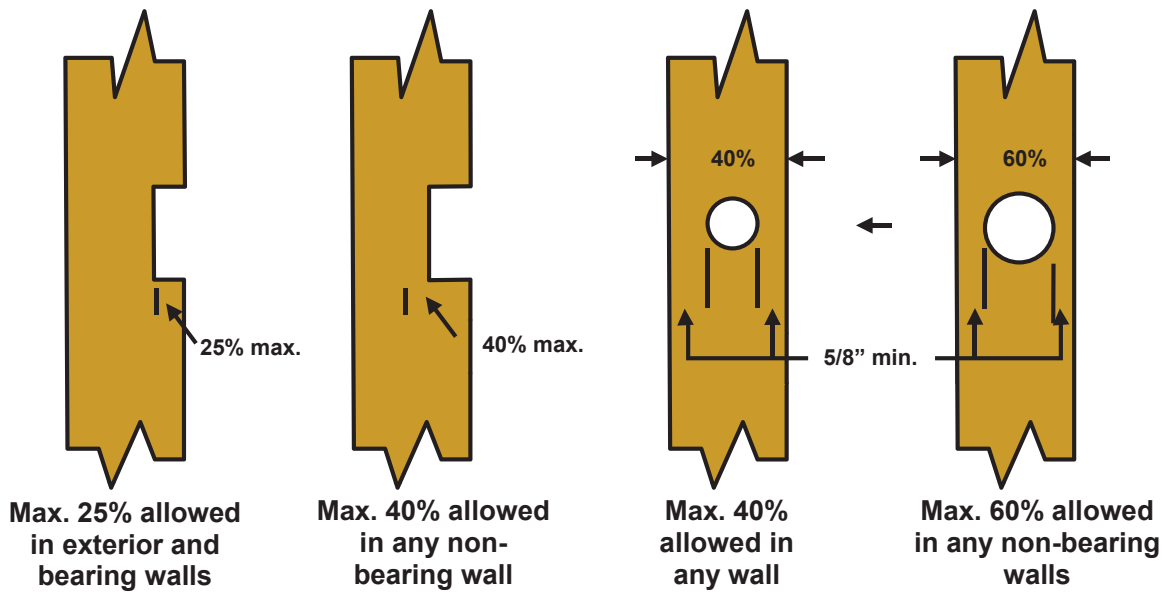
NOTCHING AND BORING WOOD STUDS **				
	Maximum Diameter of Hole	Distance from Hole to Edge of Stud	Location	Maximum Depth of Cut or Notch
Bearing/Exterior Studs *	40% of stud width	5/8-inch minimum	Not same section as cut or notch	25% of width of stud
Interior Nonbearing Studs	60% of stud width	5/8-inch minimum	Not same section as cut or notch	40% of width of stud

** Exterior or bearing studs may be bored or drilled provided that the diameter of the resulting hole is not greater than 60% of the stud width and provided that the studs are doubled and not more than two successive studs are bored, the edge of the hole is no closer than 5/8-inch to the edge of the stud, and the hole is not located in the same section as a cut or notch.*

*** Approved stud shoes may be used when installed in accordance with the manufacturer’s recommendations.*

STUD SHOE MAY BE REQUIRED IF NOTCH OR HOLE EXCEEDS MAXIMUM ALLOWED.





CUTS/BORES IN FLOOR JOISTS

