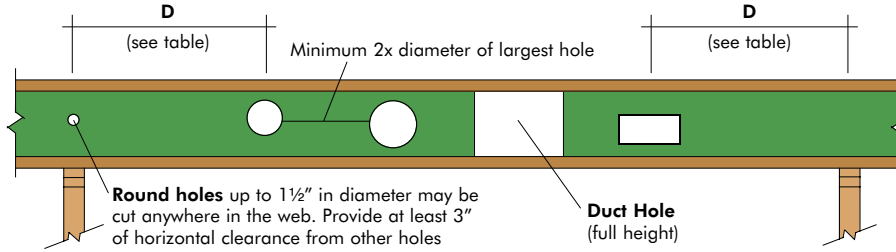


WEB HOLE SPECIFICATIONS

JOIST TYPICAL HOLES



Do not cut rectangular holes, or round holes larger than 1½" in diameter, in cantilevers

ROUND AND RECTANGULAR HOLES

Round Hole Diameter	2"	3"	4"	5"	6"	6¼"	8⅝"	10"	10¾"	12"	12¾"	14¾"	16¾"
Rectangular Hole Side	1½"	2¼"	3"	3¾"	4½"	4⅝"	6⅝"	7½"	8"	9"	9½"	11"	12½"
Joist	Span (ft)	Minimum Distance 'D' From Any Support to the Centerline of the Hole											
9¼"	8	1'-1"	1'-8"	2'-2"	2'-9"	3'-3"							
	12	1'-8"	2'-6"	3'-3"	4'-1"	4'-11"							
	16	2'-2"	3'-3"	4'-4"	5'-5"	6'-6"							
9½"	8	1'-1"	1'-7"	2'-1"	2'-8"	3'-2"	3'-3"						
	12	1'-7"	2'-4"	3'-2"	3'-11"	4'-9"	4'-11"						
	16	2'-1"	3'-2"	4'-3"	5'-3"	6'-4"	6'-7"						
11⅝"	8	1'-1"	1'-2"	1'-7"	2'-0"	2'-5"	2'-7"	3'-7"					
	12	1'-1"	1'-9"	2'-5"	3'-0"	3'-8"	3'-10"	5'-5"					
	16	1'-5"	2'-4"	3'-2"	4'-1"	4'-11"	5'-2"	7'-2"					
	20	1'-10"	2'-11"	4'-0"	5'-1"	6'-2"	6'-5"	9'-0"					
14"	12	1'-1"	1'-2"	1'-5"	2'-0"	2'-8"	2'-10"	4'-3"	5'-1"	5'-6"			
	16	1'-1"	1'-2"	1'-11"	2'-9"	3'-6"	3'-9"	5'-8"	6'-9"	7'-4"			
	20	1'-1"	1'-5"	2'-5"	3'-5"	4'-5"	4'-8"	7'-1"	8'-5"	9'-3"			
16"	24	1'-1"	1'-8"	2'-10"	4'-1"	5'-4"	5'-7"	8'-6"	10'-2"	11'-1"			
	12	1'-1"	1'-2"	1'-2"	1'-3"	1'-5"	1'-6"	3'-0"	3'-10"	4'-3"	5'-1"	5'-6"	
	16	1'-1"	1'-2"	1'-2"	1'-3"	1'-10"	2'-1"	4'-0"	5'-1"	5'-9"	6'-9"	7'-4"	
	20	1'-1"	1'-2"	1'-2"	1'-3"	2'-4"	2'-7"	5'-0"	6'-5"	7'-2"	8'-5"	9'-2"	
18"	24	1'-1"	1'-2"	1'-2"	1'-7"	2'-9"	3'-1"	6'-0"	7'-8"	8'-7"	10'-1"	11'-0"	
	28	1'-1"	1'-2"	1'-2"	1'-10"	3'-3"	3'-7"	7'-0"	8'-11"	10'-0"	11'-10"	12'-10"	
	12	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	1'-7"	2'-6"	2'-11"	3'-9"	4'-2"	5'-5"
	16	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	2'-2"	3'-3"	3'-11"	5'-0"	5'-7"	7'-3"
	20	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	2'-8"	4'-1"	4'-11"	6'-2"	7'-0"	9'-1"
20"	24	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	3'-2"	4'-11"	5'-10"	7'-5"	8'-5"	10'-11"
	28	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	3'-9"	5'-9"	6'-10"	8'-8"	9'-9"	12'-9"
	16	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	1'-4"	1'-10"	2'-5"	3'-6"	4'-1"	5'-9"
	20	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	1'-4"	2'-3"	3'-1"	4'-4"	5'-1"	7'-2"
	24	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	1'-4"	2'-9"	3'-8"	5'-2"	6'-1"	8'-7"
22"	28	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	1'-4"	3'-2"	4'-3"	6'-1"	7'-2"	10'-0"
	32	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	1'-5"	3'-8"	4'-11"	6'-11"	8'-2"	11'-5"
	16	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	2'-7"	3'-4"	3'-9"	4'-5"	4'-10"	6'-0"
	20	1'-1"	1'-2"	1'-2"	1'-3"	1'-5"	1'-7"	3'-2"	4'-2"	4'-8"	5'-7"	6'-1"	7'-6"
	24	1'-1"	1'-2"	1'-2"	1'-3"	1'-8"	1'-10"	3'-10"	5'-0"	5'-7"	6'-8"	7'-3"	8'-11"
24"	28	1'-1"	1'-2"	1'-2"	1'-3"	1'-11"	2'-2"	4'-6"	5'-10"	6'-7"	7'-9"	8'-6"	10'-5"
	32	1'-1"	1'-2"	1'-2"	1'-3"	2'-3"	2'-6"	5'-2"	6'-8"	7'-6"	8'-11"	9'-9"	11'-11"
	16	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	1'-10"	2'-7"	3'-0"	3'-8"	4'-0"	5'-1"
	20	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	2'-3"	3'-2"	3'-8"	4'-6"	5'-0"	6'-4"
	24	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	2'-9"	3'-10"	4'-5"	5'-5"	6'-0"	7'-8"
28	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	3'-2"	4'-6"	5'-2"	6'-4"	7'-0"	8'-11"	
32	1'-1"	1'-2"	1'-2"	1'-3"	1'-3"	1'-3"	3'-8"	5'-2"	5'-11"	7'-3"	8'-1"	10'-2"	