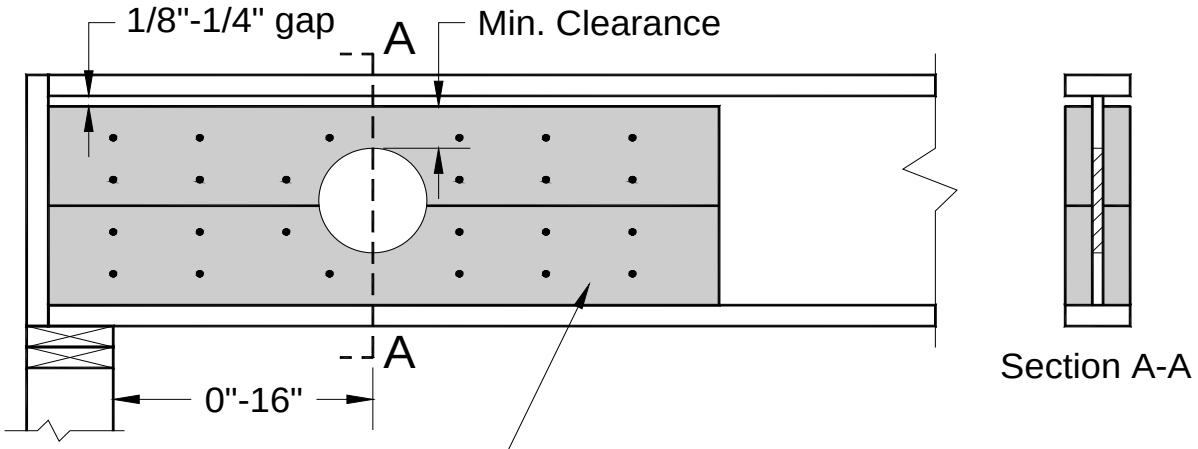
BCI® & AJS® Joist – Hole Close to End Bearing: Repair Detail

Minimum Clearance
(between either panel and hole edge)

Joist Depth	Min. Clearance
9 ½”	1”
11 7/8”	1 ¾”
14” & 16”	2 ¼”

Allowable Hole Size

Joist Depth	Hole Diameter
9 ½”-11 7/8”	4 ½”
14”	5 ½”
16”	6 ½”



Min.$^{23}/_{32}$" x 36" rated Ply/OSB, both sides of web
Cut to fit around hole, face grain horizontal
Center splice about centerline of hole
Apply construction adhesive to cover all contact surface area
Attach with 4 rows of 8d nails, 6" o.c., clinched, 2 rows in each panel

Reinforcement as specified above restores original allowable shear/reaction value.
Repair valid only for end bearing conditions.

BCI® & AJS® Joist – Hole Close to Intermediate Bearing: Repair Detail

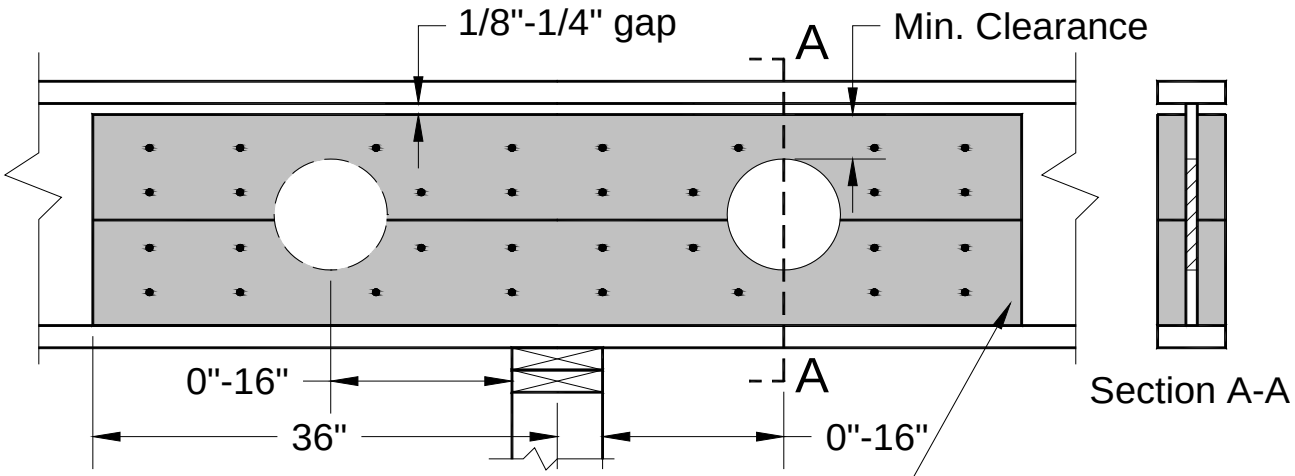
NOTE: - Hole could be on one side or on both sides of the bearing support.

Minimum Clearance
(between either panel and hole edge)

Joist Depth	Min. Clearance
9 ½”	1”
11 7/8”	1 ¾”
14” & 16”	2 ¼”

Allowable Hole Size

Joist Depth	Hole Diameter
9 ½”-11 7/8”	4 ½”
14”	5 ½”
16”	6 ½”



Min.$^{23}/_{32}$" x 72" rated Ply/OSB, both sides of web
Cut to fit around hole, face grain horizontal
Center splice about centerline of interior bearing support
Apply construction adhesive to cover all contact surface area
Attach with 4 rows of 8d nails, 6" o.c., clinched, 2 rows in each panel

Reinforcement as specified above restores original allowable shear/reaction value.
Repair valid only for intermediate bearing conditions.