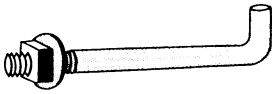


ANCHOR BOLT



For anchoring sills to masonry walls. 2" thread one end. Opposite end bent 1-1/2" on inside. Nuts and washers included.

MATERIAL: 1/2" and 3/8" Diam. round bar stock.
FINISH: Mill.

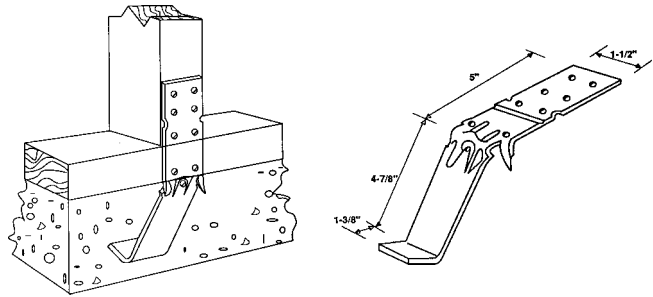
Part Number	Size	Part Number	Size
AB-6	1/2 x 6	AB-14	1/2 x 14
AB-8	1/2 x 8	AB-16	1/2 x 16
AB-10	1/2 x 10	AB-18	1/2 x 18
AB-12	1/2 x 12		
FB-6	3/8 x 6	FB-10	3/8 x 10
FB-8	3/8 x 8	FB-12	3/8 x 12

Packaged 50 pcs / carton

MUDSILL ANCHOR

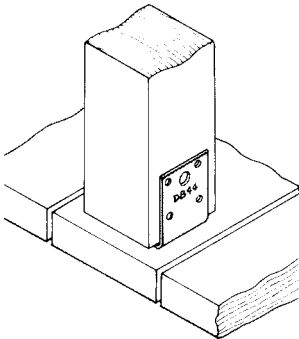
Anchors mudsill and/or stud to slab or footer. Hammer prongs into form before pour or MS-10 can be positioned after pour. Easy to screed concrete and wrap around sill or nail to stud. Excellent 1100 lb. uplift rating.

MATERIAL: 16 ga. FINISH: Galvanized.



Part Number	Fasteners		Design Loads (lbs.)			
	Side	Top	Uplift	Parallel to Plate	Perpendicular to Plate	
					Toward Anchor	Away from Anchor
MS-10	(2) 10d x 1-1/2"	(6) 10d x 1-1/2"	1118	1106	781	1000

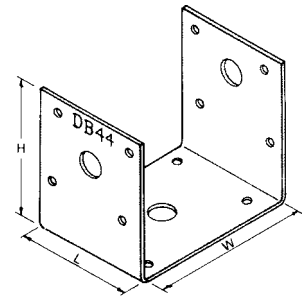
DECK BRACKET



DB Deck Brackets are handy for light-duty connections as a base or cap. Anchors rail posts to deck or cross members to beam. Four sizes in stock. Special sizes made to order.

MATERIAL: 18 ga. FINISH: Galvanized.

Part Number	Post Size	W	L	H	Nails		Lateral Loads Lbs.
					Base	Sides	
DB-34	Dbl. 2 x 4	3-1/8	2-1/2	3-1/4	(4) 16d	(8) 10d	540
DB-44	4 x 4	3-9/16	2-1/2	3	(4) 16d	(8) 10d	540
DB-46	4 x 6	5-9/16	2-1/2	3	(4) 16d	(8) 16d	540
DB-66	6 x 6	5-9/16	4-1/2	3-1/8	(4) 16d	(12) 16d	540

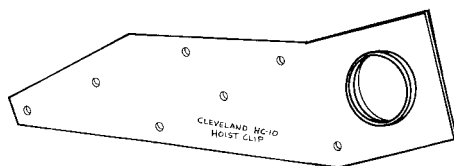


DB

HOIST CLIP

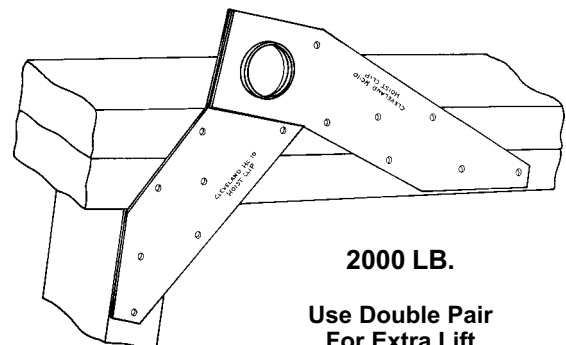
HC-10 Hoist Clip attaches to wall panels for overhead crane lifting. Offset design avoids interference when a roof truss locates over the stud. HC-10 installs three ways; to a stud with double plate; a stud with single plate; or a double plate only.

MATERIAL: 14 ga. FINISH: Galvanized G60.



1000 LB.

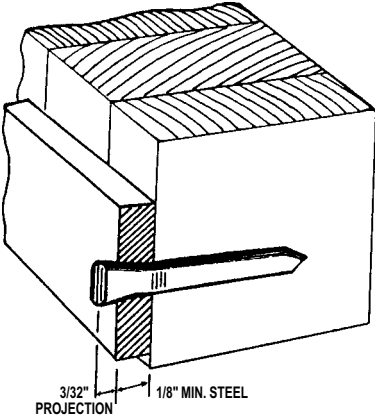
1000 lb. LIFT RATING REINFORCED HOLE. (6) 16d COMMON OR DUPLEX NAILS



2000 LB.

Use Double Pair For Extra Lift

G LULAM RIVET



The glulam rivet is a "flattened oval" nail driven through 1/4" diameter predrilled holes in steel side plates.

3 Lengths
 1-1/2" (40 mm)
 2-1/2" (65 mm)
 3-1/2" (90 mm)

TECHNICAL REFERENCE

NATIONAL DESIGN SPECIFICATION® FOR WOOD CONSTRUCTION (NDS®) 1997 REVISED EDITION
 AMERICAN FOREST & PAPER ASSOCIATION

1111 19th STREET NW, SUITE 800, WASHINGTON, DC 20036
 PHONE: (202) 463-2700
 DEPARTMENT FAX: (202) 463-2791

Glulam Rivets are high strength fasteners developed specifically for glued lamination timber construction. They have a flattened oval shank with a wedge shaped head. Rivets must be installed with the flat face parallel to grain. Steel side plates must be 1/8" A-36 or thicker and have 1/4" diameter holes into which the wedge head is driven with 3/32" of head protruding.

Advantages

Glulam rivets (commonly marketed as Griplam Nails) have many advantages over bolts and other connectors. These include:

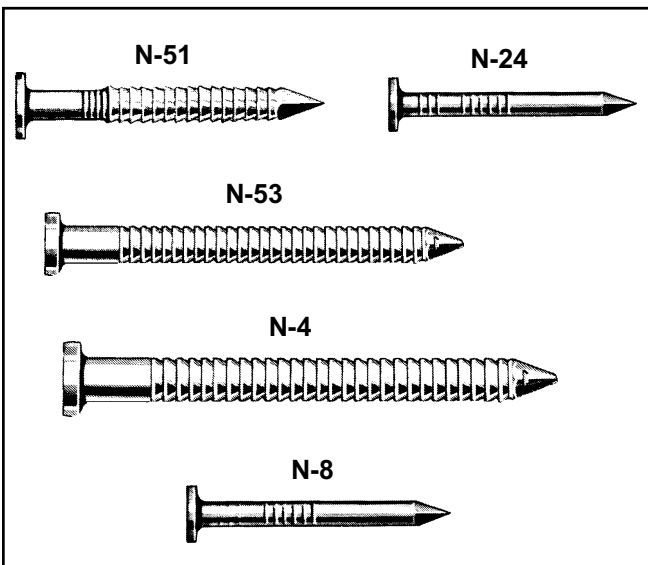
- Glulam rivet connections are much stiffer and transfer greater loads for a given connector area than any other limber fastener.
- The wood members need not be predrilled. This reduces shop fabrication time and costs. It also permits the integration of stock glulam beams into site-framed projects. Glulam fabricators are able to provide assistance in the design and sourcing of connection hardware.
- Ease of adjustment of connections readily accommodates discrepancies on the site.
- The typically smaller connection size is considered a favorable feature by many architects.
- The ease of on-site installation of the rivet permits glulam trusses to be shipped knocked-down and assembled by the contractor.

Glulam rivets have become the fastener of choice for the glulam industry.

Custom Made gussets and truss plates (both utilitarian and decorative) available. Contact factory for quotation.

MATERIAL: 1/8" x 1/4" tempered steel.
 FINISH: Hot-dip galvanized.

H ANGER NAILS



Cleveland Hanger Nails were developed and tested to meet code specifications. Annular ring shanks provide extra resistance to withdrawal. Strength value for Group II lumber.

OPTION: Zinc plated or hot-dip galvanized.

Nails made in U.S.A.

10d = 0.148 20d = 0.192

Part Number	Description	Fasteners	Pcs. Per Ctn.
N-24	.125 x 1-1/4"	Smooth	10000
N-26	9 ga. (10d) x 1-1/2"	Smooth	6200
N-51	9 ga. (10d) x 1-1/2"	Ring	6200
N-53	6 ga. (20d) x 2-1/8"	Ring	2500
N-4	4 ga. (.225") x 2-1/2"	Ring	1600
N-8	8 ga. (.162") x 1-3/4"	Smooth	4200

Stainless Steel - ring shank, flat head, type 304 and 316		
Part Number	Description	Pcs. Per Ctn.
N-51-304	9 ga. (10d) x 1-3/8"	100
N-51-316	9 ga. (10d) x 1-3/8"	100
N-6-304	6 ga. (20d) x 2-1/2"	44
N-6-316	6 ga. (20d) x 2-1/2"	42