

The AB anchor bolt provides an economical way to meet the prescriptive requirements of the 2018 IRC for securing mudsill plates to a concrete or masonry foundation. The bolt is manufactured from ASTM 1554 steel and has a hot-dip galvanized finish. A nut (ASTM A 563) and washer (ASTM F 844) are included. In some jurisdictions, a plate washer may be required. Check with your local Building Official.

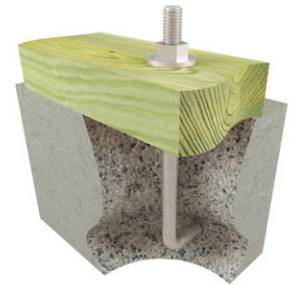
Materials: Bolt: ASTM F 1554, Nut: ASTM A 563, Washers: ASTM F 844

Finish: Hot-dip galvanized

Codes: See IRC R403.1.6, IBC 2308.3.1, 2308.3.1.1, 2308.3.1.2 for minimum diameter and embedment into masonry or concrete.

Installation:

- Select appropriate AB Anchor Bolt.
- Use concrete with minimum compressive strength of 2,500 psi at 28 days.
- Nuts and washers are included.
- Anchor bolts intended for use to satisfy code prescribed anchoring of mudsill plates, and shall be installed as defined in the code.
- Allowable loads shall be derived in accordance with the code.
- Plate washers may be required in some jurisdictions.



Typical AB128-HDG installation



AB128-HDG

MiTek USP Stock No.	Ref. No.	Bolt Dia.	L (in)	Corrosion Finish	Code Ref.
AB126-HDG	--	1/2	6		PC
AB128-HDG	--	1/2	8		
AB1212-HDG	--	1/2	12		
AB5812-HDG	--	5/8	12		

Corrosion Finish

- Stainless Steel
- Gold Coat
- HDG
- Triple Zinc

BP / HBPS / LBP / LBPS Bearing Plates

BP / LBP – Designed to meet code requirements for mudsill-to-foundation

HBPS / LBPS – Offers anchor bolt adjustment slots

Materials: See chart

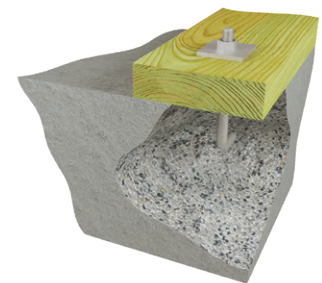
Finish: BP / HBPS – none; LBP / LBPS – G-185 galvanizing

Options: See Chart for Corrosion Finish Options

Codes: See IRC R602.11.1, IBC 2308.3.1.1 for minimum plate size requirements

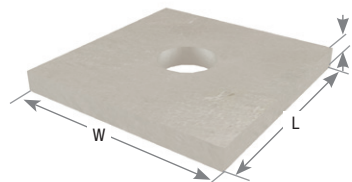
Installation:

- Bolt holes are sized 1/16" larger than Bolt Dia. shown in chart.

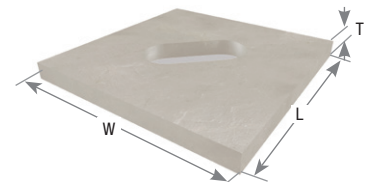


Typical Bearing Plate installation

MiTek USP Stock No.	Ref. No.	Plate Thickness (T)	Dimensions (in)			Bolt Dia.	Corrosion Finish	Code Ref.
			W	L				
LBP12-TZ	LBP1/2, LBP1/2Z	10 Ga	9/64	2	2	1/2		--
LBP58-TZ	LBP5/8, LBP5/8Z	10 Ga	9/64	2	2	5/8		PC
LBPS12-TZ	LBPS1/2, LBPS1/2Z	10 Ga	9/64	3	3	1/2		--
LBPS58-TZ	LBPS5/8, LBPS5/8Z	10 Ga	9/64	3	3	5/8		
HBPS12	BPS1/2-3	3 Ga	1/4	3	3	1/2		PC
HBPS34	BPS3/4-3	3 Ga	1/4	3	3	3/4		
HBPS58	BPS5/8-3	3 Ga	1/4	3	3	5/8		
BP12	BP1/2	7 Ga	3/16	2	2	1/2		
BP582	BP5/8-2	7 Ga	3/16	2	2	5/8		
BP583	BP5/8, BP5/8-3	3 Ga	1/4	3	3	5/8		
BP343	BP3/4-3	3 Ga	1/4	3	3	3/4		



BP / LBP Standard Bearing Plate



HBPS / LBPS Slotted Bearing Plate

Corrosion Finish

- Stainless Steel
- Gold Coat
- HDG
- Triple Zinc