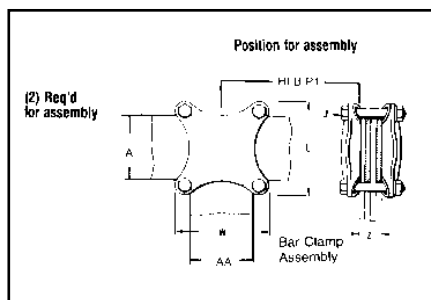


TYPE HFB-P1

BAR CLAMP ASSEMBLY COMPONENTS

For Copper Bar

To build your own high strength clamp assembly for multiple flat bar using type HFB-P1 bar clamps and clamping hardware, the following tables have been provided. The clamp assembly eliminates the need for drilling the flat bar and is used in indoor and outdoor applications.



Bar Clamp Bar			One Clamp Half				
Catalog Number	Run 'A'	Tap 'AA'	"J" Bolt Dia.	L	W	Z	Recommended Tightening Torque in-lb
HFB22P1	2.00	2.00	3/8	4.38	4.38	*	240
HFB33P1	3.00	3.00	3/8	4.38	4.38	*	240
HFB42P1	4.00	2.00	3/8	5.75	5.75	*	240
HFB44P1	4.00	4.00	1/2	5.75	5.75	*	480
HFB63P1	6.00	3.00	1/2	7.75	4.75	*	480
HFB66P1	6.00	6.00	5/8	8.12	8.12	*	660
HFB88P1	8.00	8.00	3/4	10.50	10.50	*	1990

*Z=Space between the bar clamp contact surfaces

Bar Clamp Assembly Components †									
Copper Bus Bar Width (Inches)		Bar Clamp		Silicon Bronze Clamping Hardware					
				Bolts		Nuts		Split Lock Washers	
Run-A	Tap-AA	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.
2	2	2	HFB22P1	4	38 X (*) HEB	4	38CHEN	4	38SW
3	3	2	HFB33P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	2	2	HFB42P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	4	2	HFB44P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	3	2	HFB63P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	6	2	HFB66P1	4	62 X (*) HEB	4	62CHEN	4	62SW
8	8	2	HFB88P1	4	75 X (*) HEB	4	75CHEN	4	75SW

† Ordered separately from BURNDY®.

* See table below when ordering assembly clamping bolts to specify correct bolt length in Cat. #.

Bolt Length									
Clamp Number	"J" Bolt Dia.	When Z = 1.25	When Z = 1.50	When Z = 1.75	When Z = 2.00	When Z = 2.25	When Z = 2.50	When Z = 2.75	When Z = 3.00
HFB22P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB33P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB42P1	3/8 (-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB44P1	1/2 (-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB63P1	1/2 (-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB66P1	5/8 (-11)	3.50	4.00	4.00	4.50	4.50	5.00	5.00	5.50
HFB88P1	3/4 (-10)	3.75	4.00	4.50	4.50	5.00	5.00	5.50	5.50

NOTE: When ordering assembly bolts specify correct bolt length in catalog number as indicated in table.

Blue highlighted items are industry standard and most frequently ordered.

Canada: 1-800-387-6487

www.burndy.com

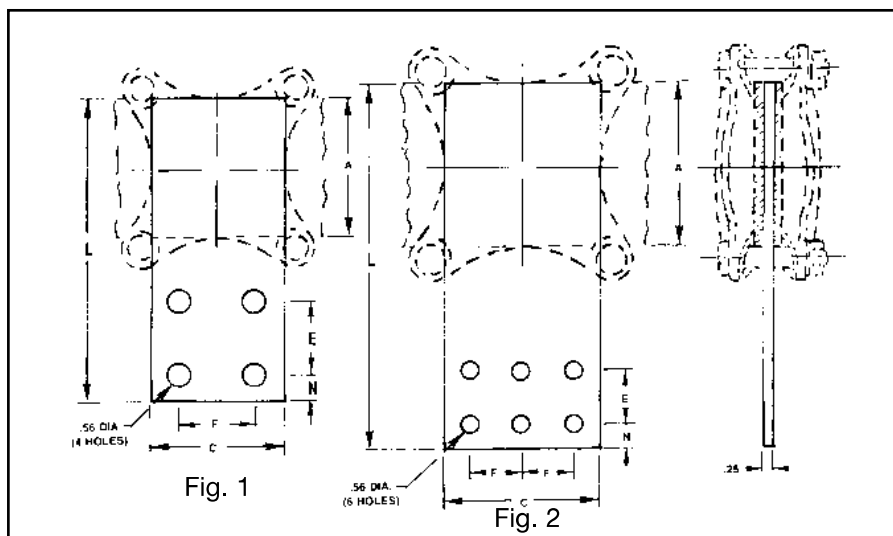
US: 1-800-346-4175

TYPE HFB-N

BAR CLAMP TAP PAD ADAPTER

For Copper Bar

High conductivity copper, tap pad adapter provides a NEMA drilled contact pad when assembled to the HFB-P1 clamps. Tap connections can be made from copper bus bar(s) without drilling, by bolting standard mechanical or compression terminal pads directly to the pre-drilled tap pad



Catalog Number	Fig. No.	A-C	E & F	L	N	Use with 'H' Clamp Catalog Number ①
HFB33-4N	1	3.00	1.75	7.00	.62	HFB33P1
HFB44-4N	1	4.00	1.75	9.12	1.12	HFB44P1
HFB66-6N	2	6.00	1.75	11.31	1.12	HFB66P1

① 'H' Clamp (two required per assembly) and hardware (as shown) not included with bar clamp tap pad, order separately.

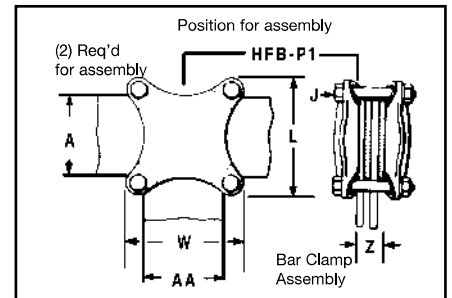
Blue highlighted items are industry standard and most frequently ordered.

TYPE HFB-P1

BAR CLAMP ASSEMBLY COMPONENTS

For Copper Bar

To build your own high strength clamp assembly for multiple flat bar using type HFB-P1 bar clamps & clamping hardware, the following tables have been provided. The clamp assembly eliminates the need for drilling the flat bar and is used in indoor and outdoor applications.



One Clamp Half					
Bar Clamp	Bus Bar		"J" Bolt Dia.	L	W
Catalog Number	Run 'A'	Tap 'AA'			
HFB33P1	3.00	3.00	3/8	4.38	4.38
HFB44P1	4.00	4.00	1/2	5.75	5.75
HFB63P1	6.00	3.00	1/2	7.75	4.75
HFB66P1	6.00	6.00	5/8	8.12	8.12
HFB88P1	8.00	8.00	3/4	10.50	10.50

Copper Bus Bar Width (Inches)		Bar Clamp Assembly Components †							
		Bar Clamp		Silicon Bronze Clamping Hardware					
				Bolts**		Nuts		Split Lockwashers	
Run-A	Tap-AA	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.
3	3	2	HFB33P1	4	38 X (*) HEB	4	38CHEN	4	38SW
4	4	2	HFB44P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	3	2	HFB63P1	4	50 X (*) HEB	4	50CHEN	4	50SW
6	6	2	HFB66P1	4	62 X (*) HEB	4	62CHEN	4	62SW
8	8	2	HFB88P1	4	75 X (*) HEB	4	75CHEN	4	75SW

† Ordered separately from BURNDY®.

* Z = Space between the bar clamp contact surfaces.

** See table below when ordering assembly clamping bolts to specify correct bolt length in Cat. #.

Bolt Length**									
Clamp Number	'J' Bolt Dia.	When Z=1.25*	When Z=1.50*	When Z=1.75*	When Z=2.00*	When Z=2.25*	When Z=2.50*	When Z=2.75*	When Z=3.00*
HFB33P1	3/8"(-16)	3.00	3.25	3.50	4.00	4.00	4.50	4.50	5.00
HFB44P1	1/2"(-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB63P1	1/2"(-13)	3.25	3.50	3.75	4.00	4.50	4.50	5.00	5.00
HFB66P1	5/8"(-11)	3.50	4.00	4.00	4.50	4.50	5.00	5.00	6.00
HFB88P1	3/4"(-10)	3.75	4.00	4.50	4.50	5.00	5.00	5.50	5.50

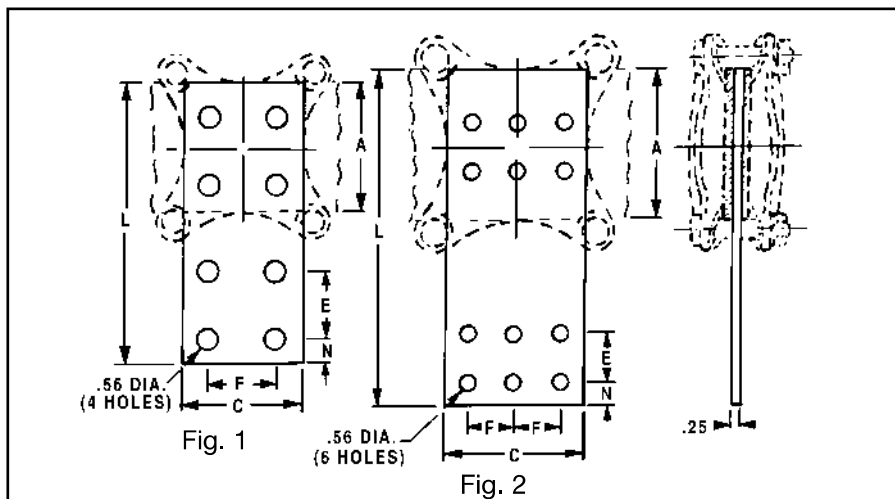
Blue highlighted items are industry standard and most frequently ordered.

TYPE HFB-N

BAR CLAMP TAP PAD ADAPTER

For Copper Bar

High conductivity copper, tap pad adapter provides a NEMA drilled contact pad when assembled to the HFB-P1 clamps. Tap connections can be made from copper bus bar(s) without drilling by bolting standard mechanical or compression terminal pads directly to the pre-drilled tap pad adapter.



Catalog Number	Fig. No.	A-C	E & F	L	N	① Use With 'H' Clamp Cat. No.
HFB33-4N	1	3.00	1.75	7.00	.62	HFB33P1
HFB44-4N	1	4.00	1.75	9.12	1.12	HFB44P1
HFB66-6N	2	6.00	1.75	11.31	1.12	HFB66P1

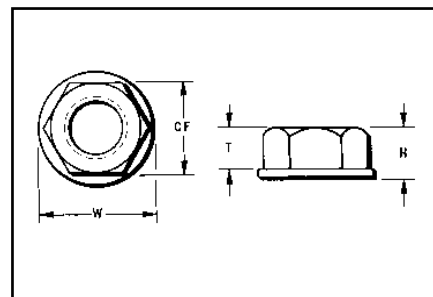
① 'H' Clamp (two required per assembly) and hardware (as shown) not included with bar clamp tap pad, order separately.

TYPE FN

CONTACT NUT

Flat to Stud

High copper alloy contact nut for joining bar or terminal pads to studs. Designed to carry full current load from flat to stud.



Catalog Number Type FN	Stud Dia. and Threads per Inch	CF (Cross Flats)	H	T	W
FN62T16	3/8 - 16	3/4	3/8	5/16	7/8
FN63T13	1/2 - 13	1	15/32	3/8	1-1/4
FN64T16	3/4 - 16	1-1/4	3/4	9/16	1-1/2
FN655T12	1-1/8 - 12	1-3/4	1	3/4	2-1/8
FN66T14	1-1/4 - 14	2	1-1/8	7/8	2-3/8
FN67T12	1-1/2 - 12	2-3/8			2-3/4

Blue highlighted items are industry standard and most frequently ordered.