

**Baier Classic HEX-Bolt Strongback**



15" X 24" AL / ST

14", 16",  
18", 20",  
& 24"  
AL / ST

Hatches + Deck Fittings + Doors

**Hinged Baier Classic HEX-Bolt Strongback**



15" X 24" AL / ST

**Baier T-Handle Strongback**



15" X 24" AL

8" & 20"  
AL

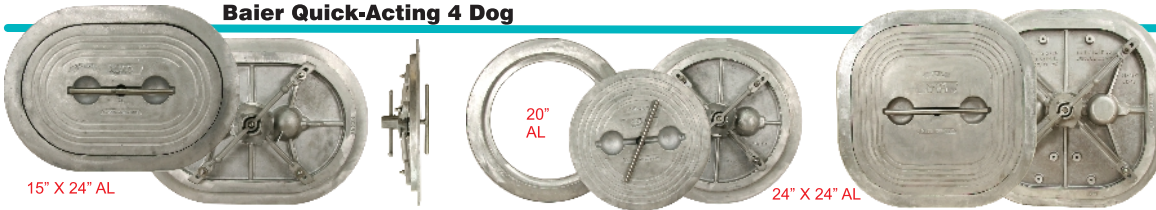
**Over 50 Styles of Flush Deck Hatches in sizes and options stocked locally**

**Hinged Baier T-Handle Strongback**



15" X 24" AL

**Baier Quick-Acting 4 Dog**



15" X 24" AL

20"  
AL

24" X 24" AL

**Internal Hidden Hinge - Available on Quick Acting**



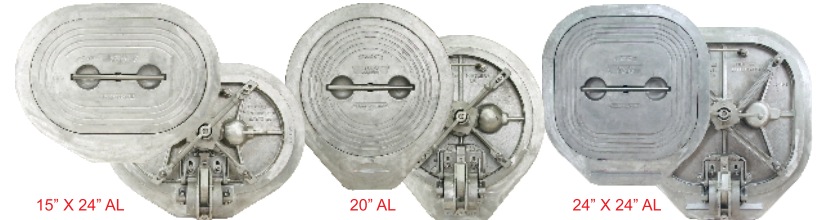
**Baier Quick-Acting 4 Dog Low Profile**



15" X 24" AL

20"  
AL

24" X 24" AL



15" X 24" AL

20" AL

24" X 24" AL

**OVAL**

**ROUND**

**SQUARE**

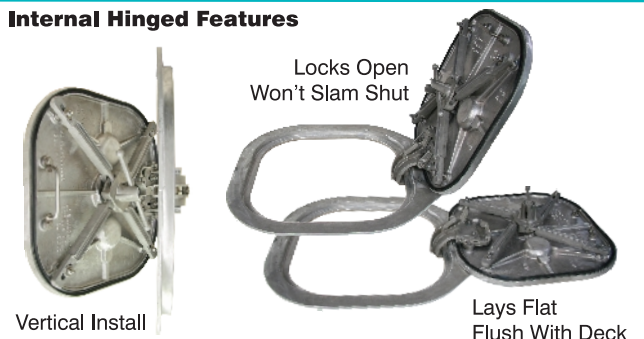
**FLUSH HATCH PRODUCT MATRIX**

HATCH CLEAR OPENING DIMENSION	TOP- SIDE ACTUATION		CLASSIC HEX CENTERBOLT STYLE		BUILT-IN T-HANDLE STYLE		LOW-PROFILE STYLE	DECK RING MATERIAL			
	UNDERSIDE		STRONGBACK				QA 4-DOG		Aluminum / Steel / Stainless Steel		
	LIFT-OUT	HINGED	AL	ST	AL	AL	AL				
<b>OVALS</b>											
15 X 24	LIFT-OUT		BFHO15X24A	BFHO15X24S	BFHOTH15X24A	BFHQTH15X24A	BFHLP15X24A	/A	/S	/SS	
15 X 24		HINGED	BFHHO15X24A	BFHHO15X24S	BFHHOTH15X24A			/A	/S	/SS	
15 X 24		HIDDEN HINGE				BFHHQTH15X24A		/A	/S		
<b>ROUNDS</b>											
8	LIFT-OUT				BFHRTH8A			/A	/S	/SS	
14	LIFT-OUT		BFHR14A					/A	/S	/SS	
16	LIFT-OUT		BFHR16A	BFHR16S				/A	/S	/SS	
18	LIFT-OUT		BFHR18A	BFHR18S				/A	/S	/SS	
20	LIFT-OUT		BFHR20A	BFHR20S	BFHRTH20A	BFHQTH20A	BFHLP20A	/A	/S	/SS	
20		HIDDEN HINGE				BFHHQTH20A		/A	/S		
24	LIFT-OUT		BFHR24A	BFHR24S				/A	/S	/SS	
<b>SQUARES</b>											
24 X 24	LIFT-OUT					BFHQTH24X24A	BFHLP24X24A	/A	/S	/SS	
24 X 24		HIDDEN HINGE				BFHHQTH24X24A		/A	/S		

COAMINGS available standard heights: 6" 12" 18" 24"

AL / ST - Aluminum / Steel Hatch Covers /A/S/SS - Aluminum / Steel / Stainless Steel Deck Rings

**Internal Hinged Features**



Locks Open  
Won't Slam Shut

Vertical Install

Lays Flat  
Flush With Deck

**For more information and demonstration videos:**  
[www.baiermarine.com/hinge](http://www.baiermarine.com/hinge)

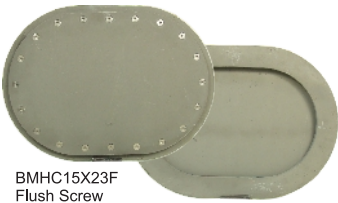
**For a complete list of products go to our website [www.baiermarine.com](http://www.baiermarine.com) Download detailed drawing files in PDF, Autocad and SSI Formats.**

# Manhole Product Matrix

www.baiermarine.com

PART NUMBER	MODEL # REFERENCE	STYLE	BOLT THREAD	BOLT LENGTH	OPENING W x L (IN)	OVERALL W x L (IN)	C (IN)	D (IN)	E (IN)	WGHT (LBS)	BOLT/STUD	NUT	WASHER	GASKET	HNDL Y/N
15" x 23"	20 Bolt Flush														
02590-101A	UMC-503	WELD BOLT	5/8-11	2.25	15 x 23	21 x 29	.393	.787	N/A	95	ZN	SS	BR	BUNA	Y
02590-103S		TAP RING	5/8-11	1	15 x 23	21 x 29	.393	.787	N/A	95	SS		BR	BUNA	N
02590-105A	UMC-503-SS	WELD BOLT	5/8-11	2.25	15 x 23	21 x 29	.393	.787	N/A	95	SS	BR	BR	BUNA	Y
BMHC15X23D	08866-101D	TAP RING	3/4-10	1.375	15 x 23	21 x 29	.393	.787	N/A	102	SS		SS	BUNA	N
BMHC15X23F	08866-101F	FLUSH SCREW	1/2-13	.9375	15 x 23	21 x 29	.393	.787	N/A	98	SS			BUNA	N
BMHC15X23S	08866-101S	STUD WELD	3/4-10	2.25	15 x 23	21 x 29	.393	.787	N/A	104	SS	BR	SS	BUNA	N
15" x 23"	w/ 3" NPT	20 Bolt Flush	3" NPT	PLUG											
BMHC15X23Z	RAISED PLUG	STUD WELD	3/4-10	2.25	15 x 23	21 x 29	.393	.787	N/A	125	SS	BR	SS	BUNA	N
BMHC15X23H	FLUSH PLUG	STUD WELD	3/4-10	2.25	15 x 23	21 x 29	.393	.787	N/A	125	SS	BR	SS	BUNA	N
15" x 23"	26 Bolt Flush														
02610-101A	UMC-505	FLUSH SCREW	5/8-11	1.25	15 x 23	22 x 30	.51	1.125	N/A	160	SS			BUNA	N
02590-102SA		TAP RING	5/8-11	1	15 x 23	21 x 29	.393	.787	N/A	95	SS		BR	BUNA	N
15" x 23"	20 Bolt Raised														
02570-101A	UMC-501	NON WELD	5/8-11	1.75	15 x 23	20 x 28	.393	.375	2.5	85	ZN	SS	BR	BUNA	N
02570-105A		NON WELD	5/8-11	1.75	15 x 23	20 x 28	.393	.375	4	95	SS	BR	BR	BUNA	N
18" x 24"	24 Bolt Flush														
02600-101A	UMC-504	WELD BOLT	5/8-11	2.25	18 x 24	24 x 30	.393	.787	N/A	112	ZN	ZN	BR	BUNA	Y
18" x 24"	24 Bolt Raised														
02580-101A	UMC-502	NON-WELD	5/8-11	1.75	18 x 24	23 x 29	.393	.375	2.5	106	ZN	SS	BR	BUNA	N
18" Round	Raised														
08450-101A	UMC-154-18	NON WELD	5/8-11	2	18 x 18	23 x 23	.393	.393	2.5	78	ZN	BR		BUNA	N
08450-101B	UMC-154-18	NON WELD	5/8-11	2	18 x 18	23 x 23	.393	.393	2.5	78	SS	SS		FLAX	N
08450-102B	UMC-154-18	NON WELD	5/8-11	2	18 x 18	23 x 23	.393	.393	2.5	78	SS	SS		NONE	N
08450-121B	UMC-154-18	NON WELD	5/8-11	2	18 x 18	23 x 23	.393	.393	9	85	SS	SS		FLAX	N
14" Round	Raised														
08451-101A	UMC-154-14	NON WELD	5/8-11	2	14 x 14	19 x 19	.393	.393	2.5	55	ZN	BR		BUNA	N
08451-101B	UMC-154-14	NON WELD	5/8-11	2	14 x 14	19 x 19	.393	.393	2.5	55	SS	SS		FLAX	N
08451-102B	UMC-154-14	NON WELD	5/8-11	2	14 x 14	19 x 19	.393	.393	2.5	55	SS	SS		BUNA	N
08451-112B	UMC-154-14	NON WELD	5/8-11	2	14 x 14	19 x 19	.393	.393	4	68	SS	SS		BUNA	N
10" Round	12 Bolt Flush														
08866-110A	WELD BOLT		5/5-11	2.25	10 x 10	16 x 16	.393	.787	N/A	48	SS	BR	SS	BUNA	N

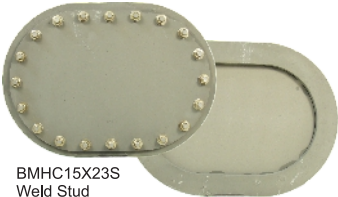
ZN - Zinc Plated Steel, SS - Stainless Steel, BR - Brass/Bronze



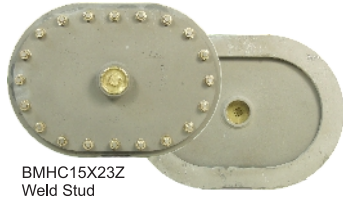
BMHC15X23F  
Flush Screw



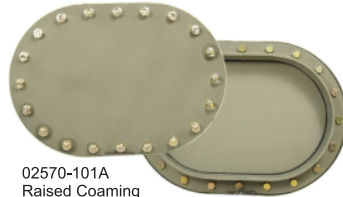
02590-101A  
Weld Bolt



BMHC15X23S  
Weld Stud



BMHC15X23Z  
Weld Stud

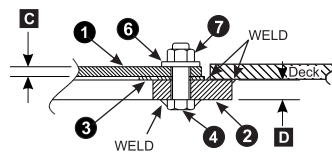


02570-101A  
Raised Coaming

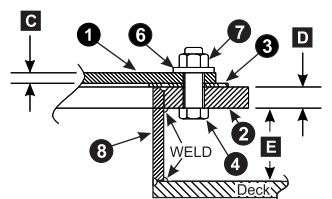
## BILL OF MATERIAL: BMHC

PC.NO.	DESCRIPTION	MATERIAL
1	COVER	STEEL (PRIMED)
2	DECK RING	STEEL (PRIMED)
3	GASKET	SEE MATRIX
4	BOLT	SEE MATRIX
5	STUD	SEE MATRIX
6	WASHER	SEE MATRIX
7	NUT	SEE MATRIX
8	COAMING	STEEL (PRIMED)

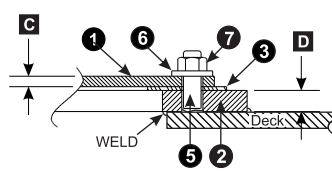
STYLE: WELD BOLT



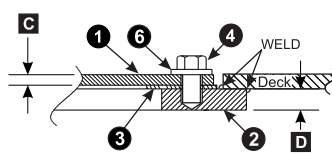
STYLE: NON-WELD



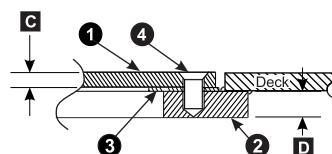
STYLE: STUD WELD



STYLE: TAP RING



STYLE: FLUSH SCREW

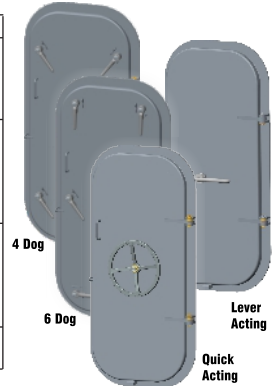


See Additional Models on Manhole Matrix.

## Universal Steel Water-Tight Doors

1-800-455-3917

4-Dog	RH	LH	Clear Opening
UMC-WTD-4D	06111-101A	06111-101B	26" x 54"
	06111-101C	06111-101D	26" x 60"
	06111-101E	06111-101F	30" x 60"
6-Dog	RH	LH	
UMC-WTD-6D	06121-101C	06121-101D	26" x 60"
	06121-101E	06121-101F	30" x 60"
	06121-101G	06121-101H	30" x 66"
	06121-101I	06121-101J	30" x 72"
Quick Acting	RH	LH	
UMC-WTD-QA	06122-101C	06122-101D	26" x 60"
	06122-101E	06122-101F	30" x 60"
	06122-101G	06122-101H	30" x 66"
	06122-101I	06122-101J	30" x 72"
Lever Acting	RH	LH	
UMC-WTD-LA	06121-103A	06121-103B	28" x 72"
	06121-103C	06121-103D	30" x 72"

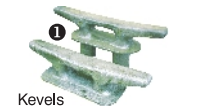


## Universal Steel Hatches

	1	2	3	4	5	Clear Opening
<b>Round - T-Bolt</b>						
Series UMC-430	01210-101A	01220-102A	UMC-430-18	UMC-430-24		18" Ø 24" Ø
<b>Round - Single Bolt</b>						
Series UMC-301	08380-101A	08381-101A	UMC-301-20	UMC-301-22		20" Ø 22" Ø
<b>Round - Twist Lock</b>						
Series UMC-474	08640-101A	08641-101A	UMC-474	UMC-474	Flush w/ 5" Coaming	18.6" Ø 18.6" Ø x 5"
<b>Round - 8" Ullage</b>						
Series UMC-114	01242-102A	01242-104B	UMC-114	UMC-114	7/8" Coaming 5" Coaming	8" Ø x 7/8" 8" Ø x 5"
<b>Round - 10" Ullage</b>						
Series UMC-569	01243-101A		UMC-569		5" Coaming	20" Ø
<b>Round - 12" &amp; 19" Multi-Dog</b>						
Series UMC-Multi	01230-101A	03410-101A	UMC-456-5	UMC-343-5	12" 3 Dog 5" Coaming 19" 4 Dog 5" Coaming	12" Ø x 5" 19" Ø x 5"
<b>Oval - 15X23 Multi-Dog</b>						
Series UMC-174	01240-102A	01241-105A	UMC-174-5-RC	UMC-274-5	4 Dog 5" Coaming 2 Dog 5" Coaming	15" x 23" x 5" 15" x 23" x 5"
<b>Oval - 18X24 Multi-Dog</b>						
Series UMC-464	03800-101A	03800-132A	UMC-464-5	UMC-464-5/14	4 Dog 5" Coaming 4 Dog w/ 8" Ullage	18" x 24" x 5" 18" x 24" x 5"

## Universal Steel Levels & Bits

<b>Levels</b>	Series UMC-Levels Specs. Model Levels 12", 18", 36", 42", 48", & 60" Model Kevl Chocks 24", 30", 36", 42" & 48"
<b>Bits</b>	Series UMC-Bitt Specs. Model Single Bitt 8" & 10" Model Single Bitt - Thru Deck 8" & 10" Model Double Bitt 8", 10", & 12" Model Double Bitt w/ Horns 8" & 10"



Levels



Single Bits

Double Bits

## Universal Steel Chocks & Buttons

<b>Chocks</b>	Series UMC-Chocks Specs. Model Button Chock 6", 8", & 10" Model Closed Chock 9", 12", & 14" Model Open Chock 9" & 12" Model Panama Chock 10"x14" & 12"x18" Model Mooring Eyes 8"x12" & 12"x18"
<b>Roller Buttons</b>	Series UMC-Roller Buttons Specs. Model Roller Button Welded 12", 16", & 14" Model Roller Button Welded 17" Model Roller Chock 13"
<b>D-Rings</b>	Series D-Ring Specs. Model D-Ring



Button Chocks



Closed Chock

Open Chock