



H.C. OSWALD SUPPLY CO. INC.



725 Whittier St
Bronx, NY 10474

AMES SCOTCH MARINE

- 1a) 2 3/4" X 3 3/4" E Cast plate 30" curved SB
- 1b) 2 3/4" X 3 3/4" E Cast plate 36" 42" curved S8B
- 2a) 3 3/8" X 4 3/8" E Cast plate #12776 42" 48" curved SB
- 2b) 3 3/8" X 4 3/8" E Cast plate #12777 54" 60" curved SB
- 3a) 3 1/2" X 4 1/2" E Cast plate #12778 66" 72" curved SB
- 3b) 3 1/2" X 4 1/2" E Cast plate #12781 78" 84" curved SB



BIGELOW BOILER - BIGELOW CO

Used many size and type handhole plates.

We require a full description or sample plate to match from our stock.

BURNHAM STEEL BOILER

- 3" X 4" drop forged steel - flat
- 3" X 4" drop forged steel - curved #36 - 60" to 72" shell
- 3" X 4" drop forged steel - curved #25 - 48" to 54" shell



CLEAVER BROOKS - SCOTCH MARINE

- 4a) 3 1/4" X 4 1/2" OB Cast, curved, S8 - #104448 - 50 to 100 HP
- 4b) 3 1/4" X 4 1/2" OB Cast, curved, S8 - #104460 - 125 to 200 HP
- 4c) 3 1/4" X 4 1/2" OB Cast, curved, SB - #104487 - 250 to 800 HP
- 4d) 2 3/4" X 3 1/2" OB Cast, curved, S8 - #104436-36" - 25 HP





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FARRAR & TREFTS - FIRE BOX BOILERS

12) 2 3/4 X 3 3/4 OB cast plate, flat, SB

13) 3" X 4" OB cast plate, flat, SB

Various other plates were used - sample required.

FEDERAL - FIREBOX BOILER

14) 3" X 4" E drop forged plate, flat, IB

15) 3 1/2 X 4 1/2 E drop forged - flat IB

Manhole plate 11" X 15" X 1/2"

(new code) 12" x 16" x 1/2"



FITZBIBBONS - FIREBOX, SCOTCH MARINE & UPRIGHT BOILERS

16a) 2 3/4 X 4 1/4 OB cast plate only A85, flat, LBT

16b) 2 3/4 X 4 1/4 OB cast plate only A2, curved, LBT

17) 2 3/4 X 4 1/4 OB cast plate A3-A699, flat SB

18) 3 X 4 1/2 OB, cast, oversized, Plate A719, flat, SB

19a) X 6 1/2 OB cast plate only A82-A 721, curved LBT

19b) 4 X 6 1/2 OB cast plate only, A82, solid bolt type

11" X 15" OB special steel manhole plate, obsolete

3 1/2 X 4 1/2 E drop forged plate only, curved IB

3 3/8 X 4 3/8 E Cast plate only - 42",48",54",60," curved, SB

3 1/2 X 4 1/2 E Cast plate only - 66",72",78",84," curved, SB





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ECLIPSE

ALSO CALLED ~ LOOKOUT AND HEGGIE SIMPLEX

2 3/4 X 3 1/2 08 cast plate with stud

curved 48"

S8

27/8 X 3 3/4 cast plate

flat

LBS # FL-AT

27/8 X 3 3/4 cast plate

curved - L8S (48S52-56-60)

27/8 X 3 3/4 cast plate curved - LBS (36S40-44-46)

FULTON UPRIGHT

PLATES ARE CURVED ~ PLEASE SPECIFY BOILER HP

20) 3")(4" E drop forged plate, curved IB, weld stud type

3")(4" E drop forged plate, curved IS, intergral stud type Yoke, 2 prong,
forged steel

" Plate, complete, weld stud type (9R-14R-16R-18R only) Plate, complete,
intergral stud type. 9R & upward Intergral stud type were originally used.
Later changed to weld stud type, best to replace with type in boiler,
Handhole patch ring



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HEINE WATER TUBE BOILER - TUBE CAPS

MANY TYPE AND STYLE TUBE CAPS WERE USED, WE STOCK TWO TYPES

21) 3 5/8" round cast plate only, faced #J510, flat, LBS

Yoke, 3 prong, cast # J41

22) 3 5/8" X 4 5/8" OB cast plate with loose slide bolt, faced, not original--

3 5/8" X 4 5/8" 08 cast plate only, J511, Flat LBS, unfaced

Yoke, 3 prong, cast # J40

Special T bolt & nut - for J51 0 or J511 Heine type (obsolete)

NOTE: The J511 08 cast plate is no longer made by Heine, We can cast J511 plates from our pattern but they are not faced and as such are only for use on low pressure boilers, However, we can use another type that takes a loose slide type standard bolt and face the plate on two edges.

INTERNATIONAL STEEL

23) 2 1/2" x 3 1/2" E cast plates #577 - flat SB - plate complete

INDUSTRIAL

3 x 4 E curved on short (3") axis

available in drop forged (limited quantities) or weld stud



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KEWANEE - FIREBOX AND SCOTCH MARINE BOILERS

CAST HANDHOLE PLATES.; FLAT - FOR FIREBOX BOILERS

27) 2 1/2 X 4" OB cast plate only #FT1 0, flat, LBT-Not Available-use #28

28) 2 1/2" X 4". OB cast plate, flat SB

29) 3" x 4" cast plate - FT14 flat LBT (Use our #47 Titusville) solid bolt type complete -

30) 4" x 6" OB cast plate only - FT15 - flat LBT

FORGED STEEL HANDHOLE PLATES FOR KEWANEE SCOTCH MARINE BOILERS

3" x 4" drop forged plate, only, flat IB - E

3" x 4" drop forged plate, only, curved (48" to 84")

3 1/2" x 4 1/2" drop forged plate only, flat IB

WASHOUT PLUGS - TYPE R & TYPE C KEWANEE BOILERS

1 1/2" plug, octagon head, brass, type R boiler 1 1/2" gasket - rubber - type R boiler

2" plug, octagon head, brass, type C boiler 2" gasket, rubber - type C boiler



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KEWANEE MANHOLE PLATES

ON THEIR VERY OLD MODEL BOILERS, KEWANEE USED HEAVY CAST IRON PLATES - 10 X 14, 10 X 16 AND 11 X 15 - which are obsolete.

Present boilers use,

11" X 15" X 1/2" E plate steel

12" x 16" x 1/2" E plate steel

KEELER WATER TUBE BOILER

On CP type boiler, they used a 3" X 4" OB drop forged plate intergral stud type with offset stud - price on application.

MEARS KANE UPRIGHT BOILER OBSOLETE

NATIONAL - SEE "PACIFIC NATIONAL"

3" X 4" OB cast plate, only - flat LBS -

3 5/8 X 4 5/8" OB cast plate only, flat LBS

A 726 4" X 5" OB cast plate only, flat - LBS -

4 1/4 X 6 1/4 OB cast plate only - flat LBS

Yoke, 3 prong, cast - A767

NOTE: Plates above are plain cast finish. Some schools, etc. require that tube caps be faced. Machining is extra, Price on application, Manhole plates on Oil City boilers were 11" X 15" OBS cast iron, The 11" X 15" obround is no longer available.



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ORR & SEMBOWER - UPRIGHT BOILER

Most original plates are obsolete, we have good stock of originals
And can substitute what we can't get anymore
Call to speak with one of our handhole experts.

2 3/4" X 3 5/8" E curved SB various radius

3 3/8" X 4 3/8" OB curved SB various radius

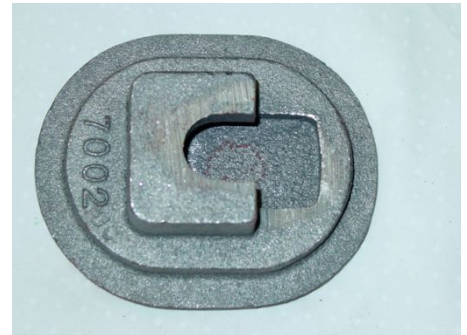
Various Plates were used. When ordering give plate size and pattern number on old plate,

PACIFIC & NATIONAL FIREBOX AND SCOTCH MARINE BOILERS

39) 3" X 4" OB cast plate & bolt only - flat LBS -
7002 Yoke, 2 prong, cast - W369

3" X 4" E drop forged plate - flat IS

3" X 4" E drop forged plate - curved IB



POWERMASTER - SCOTCH MARINE

2 3/4 X 3 3/4" E curved SB, various radius - C.I.

3 1/2 X 4 1/2" E curved SB, various radius - C.I.

Various plates were used. When ordering give plate size and pattern number on old plate.



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PREFERRED UTILITY

made many type and size plates - we require sample or pattern number on old plate,

ROCKMILL - SCOTCH MARINE BOILER

3" x 4" E drop forged - curved IB

3" x 4" OB cast iron (use our SB34R)

Manhole plate

11" x 15" x 1/2"

12" x 16" x 1/2"

SUPERIOR BOILERS

Cast iron plates were mainly used,

On some series boilers, a 3" x 4" drop forged plate was used

45) 3" X 4 1/2"08 cast plate, flat SB

46) 3" X 4 1/2" OB cast plate, curved - 48",54" SB

4666) 3" X 4 1/2" OB cast plate, curved - 66",72", SB

A 4" X 6" OB cast plate -

flat and curved to various shell diameters was used, Price on application.



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TITUSVILLE - FIREBOX AND SCOTCH MARINE BOILERS

- 47) 3" X 4" E cast plate, flat - SB
- 4" X 6" E cast plate #A700, flat, SB
- 4" X 6" E cast plate only #MA307, curved, LBS - Low Pressure
- 4" X 6" E drop forge plate-curved-Hi-Press -
- 3" X 4" E drop forge plate only - flat - IS
- 3" X 4" E drop forge plate only -curved - IS
- 3 1/2" X 4 1/2" E drop forged, flat, IB
- 3 1/2" X 4 1/2" E drop forged, curved, IB -



YORK SHIPLEY - SCOTCH MARINE

- 3" X 4" E drop forged, plate only, flat, IB
- 3" X 4" E drop forged, plate only, curved, IB
(Give boiler number and HP and or shell diameter when ordering)
- 3 1/2" X 4 1/2" E drop forged, plate only, flat, IB
- 3 1/2" X 4 1/2" E drop forged plate only, curved IB



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NOTE: WE ARE CONTINUALLY MAKING NEW PATTERNS AND ADDING OTHER PLATES. SHOULD YOU REQUIRE PLATES OF A CERTAIN TYPE OR SIZE THAT WE DO NOT LIST, PLEASE CONTACT US. WE MAY HAVE THEM, IF NOT, WE MAINTAIN A PATTERN SHOP AND IF PLATES ARE CAST IRON, WE CAN QUOTE ON MAKING A PATTERN AND CASTING PLATES TO ORDER.

ALL DROP FORGED STEEL PLATES LISTED ARE INTERGRAL STUD TYPE, UNLESS OTHERWISE SPECIFIED,

OSCO TYPE CAST IRON HANDHOIE PLATES:

2 3/8 X 3 1/2	PHHA701C	2 1/2 X 4	PHHA711C
2 3/4 X 4 1/2	PHHA702C	3 x 4	PHHA712C
3 X 4 1/2	PHHA703C	3 X 4 5/8	PHHA704C
3 X 5	PHHA735C	3 1/4 X 5 1/4	PHHA705C
3 1/2 X 4 1/2	PHHA707C	3 1/2 X 5	PHHA706C
3 1/2 X 5 1/2	PHHA708C	3 3/4 X 5	PHHA709C
4 X 5 3/8	PHHA710C	4 X 6	PHHA736C
4 X 6 1/2	PHHA713C	4 1/2 X 5 1/2	PHHA714C
4 1/2 X 6	PHHA715C	5 X 7	PHHA716C
6 X 8	PHHA717C		



OSCO PLATES are elliptical, cast iron, flat
loose bolt - slide type "LBS" for use on boilers and tanks -
low and medium pressure,

* Dimension is the plates inner rim (boiler shell opening)

ALL ABOVE ARE STANDARD STOCK PLATES - AVAILABLE PROMPTLY.



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HANDHOIE PLATES ~ PRESSED STEEL ~ ELLIPTICAL

PH34	3x4 LBT PRESSED HAND HOLE COMPLETE
PH341HR	3x4x1/2x1-1/2 RING ONLY
PH341R	3x4x1/2x1 RING ONLY
PH342R	3 X 4 X 1/2 X 2 E HH RING ONLY
PH343R	3x4x1/2x3 RING ONLY
PH461	4x6 500 LB HH PLATE W/CLIP L/RING
PH461STUD	4 X 6 500LB HH PLT W/STUD L/RING
PH46R2	4 x 6 x 3/4 x 2 WELD RING
PH46R3	4 x 6 x 3/4 x 3 WELD RING
PH46R4	4 x 6 x 3/4 x 4 WELD RING
PH681	6x8-700 lb ST HH PLATE L/RING
PH68R3	6x8x3/4x3 RING



WORKING PRESSURE AS MENTIONED IS STAMPED ON PLATE, PLATES ARE FOR USE TO 650 DEGREE F UNDER ASME BOILER AND PRESSURE VESSEL CODE, PLATE MATERIAL IS SA516-70 OR SA285C, RING MATERIAL IS SAi06S OR SA106C



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MANHOLE PLATES a PRESSED STEEL- ELLIPTICAL

PM1P	11x15x1/2 MH PLATE ONLY
PM1PNC	11x15x1/2 MH PLATE COMP less gasket
PM5P	11x15x5/16 MH PLATE ONLY
PM5PNC	11x15x5/16 MH PLATE COM less gasket
PM1R	11x15x3/4x3 MANHOLE RING
PM2R	11x15x3/4x4 MANHOLE RING
PM3R	11x15x3/4x5 MANHOLE RING
PM4R	11x15x1 x4 MANHOLE RING
PM10P	12x16x3/8 MH PLATE ONLY
PM10PNC	12x16x3/8 MH PLATE COM less gasket
PM7P	12x16x1/2 MH PLATE ONLY
PM7PNC	12x16x1/2 MH PLATE COMP less gasket
PM7R	12x16x3/4x3 MANHOLE RING
PM8R	12x16x3/4x4 MANHOLE RING
PM9R	12x16x1 x4 MANHOLE RING
PM12P	14x18x1/2 MH PLATE ONLY
PM12PNC	14x18x1/2 MH PLATE COMP less gskt
PM13P	14x18x3/8 MANHOLE PLATE ONLY
PM13PNC	14X18X3/8 M/H PLATE COMP less gskt
PM12R	14x18x3/4x3 MANHOLE RING
PM14R4	14x18x3/4x4 MANHOLE RING



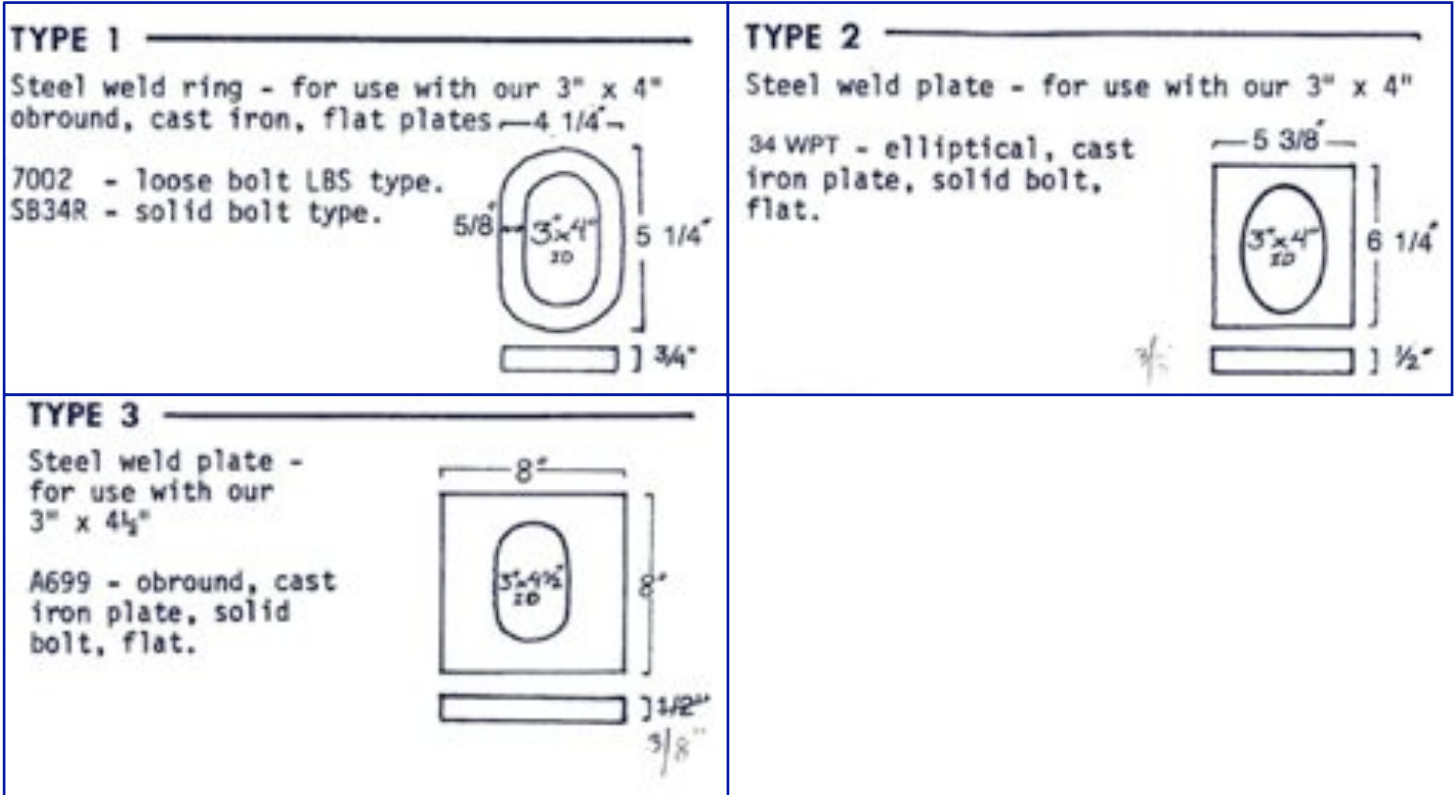
ALL PLATES ARE SA516-70 GRADE RINGS ARE SA675-70 GRADE STEEL - ASME RATED.
ALL ABOVE PLATE AND RINGS ARE IN STOCK FOR IMMEDIATE PICK UP OR SHIPMENT.



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3" X 4" ELLIPTICAL INTEGRAL STUD TYPE CURVED PLATES, FORMED ON 4" AXIS ARE STOCKED; 9", 14", 15", 16", 18", 24", 27", 31", 42", 48", AND 60" RADIUS, (18" TO 120" SHELL DIAMETER), 3" X 4" ELLIPTICAL WELD STUD TYPE CURVED PLATES ARE STOCKED: 9", 14", 15", AND 18" RADIUS,

3 1/2" X 4 1/2" ELLIPTICAL CURVED PLATES, FORMED ON 4 1/2" AXIS, ARE STOCKED 24", 30", 42", AND 51" RADIUS,