

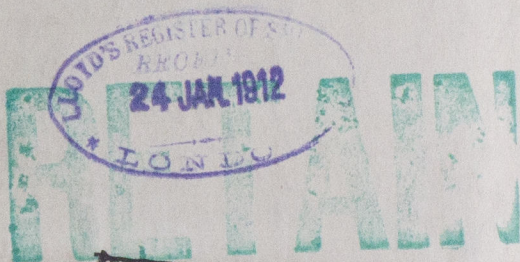
N.H.

STAYS.				
DIA	THREADS PER INCH	EFF DIA	EFF AREA	TENSILE STRENGTH
1 3/4	9	1.607	2.031	26 to 30 T
2	9	1.857	2.69	40.8 T
1 1/2	9	1.357	1.45	47.2 Kilo per sq
2 1/4	6	2.036	3.25	27 to 32 T
3	6	3.161	7.85	42.5 to 51 Kilos per square

Stay Tubes $\frac{5}{8}$ Thick Screwed 10 threads per inch Eff Area 22433^{sq}
794^{sq} in.

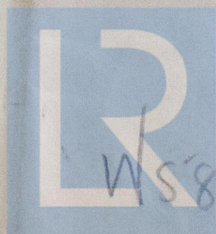
<u>Riveting</u>	Tensile strength of rivets		$\frac{40.8 \text{ to } 47.2 \text{ Kilos per } \text{cm}^2}{26 \text{ to } 30 \text{ Tons per } \text{sq. in.}}$
<u>Front & Back Seams Double Riveted</u>	$\frac{3}{16}$	$\frac{30.15 \text{ }^{\circ}\text{m}}{1.18 \text{ River Holes}}$	$\frac{88.4 \text{ }^{\circ}\text{m}}{3.2 \text{ pitch}}$
	$\frac{1}{16}$	$\frac{23.8 \text{ }^{\circ}\text{m}}{.93 \text{ }^{\circ}\text{m}}$	$\frac{136.5 \text{ }^{\circ}\text{m}}{5.3 \text{ }^{\circ}\text{m}}$
<u>Comb Chamb Bott Long</u>	$\frac{1}{16}$	$\frac{23.8 \text{ }^{\circ}\text{m}}{.93 \text{ }^{\circ}\text{m}}$	$\frac{66.67 \text{ }^{\circ}\text{m}}{2.6 \text{ }^{\circ}\text{m}}$
	$\frac{1}{16}$	$\frac{23.8 \text{ }^{\circ}\text{m}}{.93 \text{ }^{\circ}\text{m}}$	$\frac{101.6 \text{ }^{\circ}\text{m}}{4 \text{ }^{\circ}\text{m}}$
<u>Comb Champs Furnaces Single</u>	$\frac{1}{16}$	$\frac{23.8 \text{ }^{\circ}\text{m}}{.93 \text{ }^{\circ}\text{m}}$	$\frac{63.5 \text{ }^{\circ}\text{m}}{2.5 \text{ }^{\circ}\text{m}}$
	$\frac{1}{16}$	$\frac{23.8 \text{ }^{\circ}\text{m}}{.93 \text{ }^{\circ}\text{m}}$	$\frac{63.5 \text{ }^{\circ}\text{m}}{2.5 \text{ }^{\circ}\text{m}}$

J. Dickinson & Sons'
3 Boilers No. 741
for 180 lbs
Bartram & Sons'
No 225 7/8



3061
JTF 360
11-11-12

Chemiston
Sta. Apt. 2579



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Foundation