

*Date Nails*

*Photo Up-grade*

Rolland Meyers

May 2016



## ~Photographic Update To The Existing Date Nail Books~

As of this writing – April 29, 2016 – I have just completed what I could of the update of the photographs of the nails from Type (01) through (66) to the best of my ability, using the literal cut and paste method. I would get the photo, print it, cut it out and paste it in the proper place. This has been a long process as you can well imagine. Type (07) was the greatest challenge because of the volume of nails made and used of this type. It is my intention to have the pages that I have completed copied and turned into a PDF, in color and on line, and made available to all collectors. Not being much more than a novice when it comes to computers and other electronic devices, I hope that intent may be realized.

This project could not have even begun without the data base of photos I had that were provided by other collectors over the years. This, plus the recent contributions of a few dedicated supporters for the project, allowed me to get photos of the nails that were not previously in the books and to correct some of the errors that existed. Without that help, none of these pages would have been possible. I have not tried to alter or include the Cross-Reference pages that Jeff has in his Volume III. I think he did a wonderful job as far as assigning certain nails to certain railroads and felt there was no way I could improve on what is there. So this is basically an up date in the photos and the variations, many of which were not previously shown in the existing books.

The list below, in no particular order, reflects those who contributed recently and in the past with photos, information and corrections. I must specifically mention four people who went above the beyond the call.....and also put up with my constant requests for photos. Those four are:

Charles Sebesta, Bill McClellan, Skip Kilpatrick and Bill Bunch    THANK YOU

A special thanks to Jeff Oaks for his work in copying and posting this material on line. Without his expertise this effort probably would not be available to you. Also to Jerry Penry for his 1998 shank line drawings which are an invaluable tool for nail identification.

Others whose contributions are noted and appreciated are: Arn Kriegh, Dave Parmalee, Wes Hodges, Jeff Oaks, Puck Hart, Charles and Cheryl Johnson, Bob Rowlands, Jimmy Moore, George Oliva, John Iacovino, Larry Harvey collection, Dennis Compston, Robert Myers, Michael Hansen, Jared Interholziner, Henry Potter and Don Blake, both before his death and access to photos of his collection.

As in any recognition statement, I am sure I left someone out and I must apologize for that oversight. You know who you are and if you do not see your name above it is my error and I thank you just the same.

I do hope the pages will help further the hobby of date nail collecting. A hobby that is shrinking in practitioners and in artifacts. I guess to remain a viable hobby the emphasis will have to move to the nails used by utilities. But to most of your reading this I guess the railroad date nail will remain the icon of collecting these items. There was no attempt to update or reprint Jeff Oaks' very helpful cross-reference on who used these nails, but I have tried, when putting the photos together, to remain true to the varieties as shown in existing books (ie. variety :a, :b, :c and etc.) in that same order.

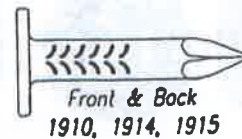
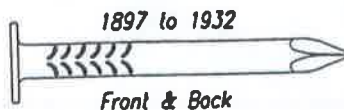
The hobby is still enjoyable to me and as long as it remains that, and folks like those noted above are contributors to that hobby, I will continue to enjoy it.

Thank you all.

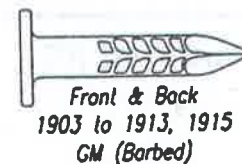
*Rolland Meyers* (April 29, 2016)

# Type (01)

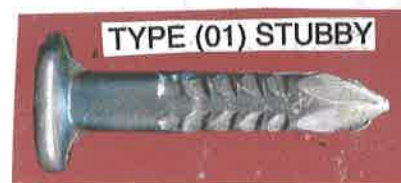
Townsend Co., Ellwood City, PA.  
Went out of nail business around 1955.



Stubbies



TYPE (01) 1897 TO 1932



1 3/4 X 5/16 RND I GM stl (01) "Stubbies"





**2 ½ x ¼ rnd l stl (01)**



**2 ½ x ¼ sqr l rs stl (01)**



**2 x ¼ rnd l stl (01)**



**1 ¾ x ¼ rnd l stl (01)**





**2 ½ x ¼ rnd R stl (01)**



**2 x ¼ rnd R stl (01)**



**1 ½ x ¼ rnd R stl (01)**



**2 ½ x 9/40 rnd r stl    2 ½ x ¼ sqr R stl**



**1 ½ x 3/16 rnd l cop**



**Misc. Type (01) nails.....**



2 ½ x ¼ rr #1



2 ½ x ¼ ri #11



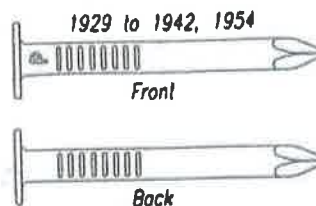
2 1/2 x 1/4 rl



2 ½ x ¼ ri Code Set #27

## Type (03)

Pittsburgh Steel Co., Pittsburgh, PA.  
Now Wheeling-Pittsburgh Steel Corp.  
Discontinued all nail manufacturing in 1960.



### 2 1/2 X 1/4 rnd I stl (03)



### 1 1/2 x 1/4 rnd I stl (03)



### 2 1/4 x 1/4 cut I stl (03)



### 2 1/2 x 1/4 rnd R stl (03)





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**2 ½ x ¼ rnd R stl (03) continued**




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**2 ½ x ¼ cut R stl (03)**




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**2 x ¼ cit R st l (03)**




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**1 ½ x ¼ rnd R stl (03)**



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**2 ½ x ¼ rnd R stl (03) Code Set #7 (Southern Pacific RR)**



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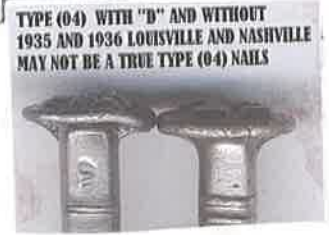
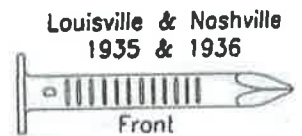
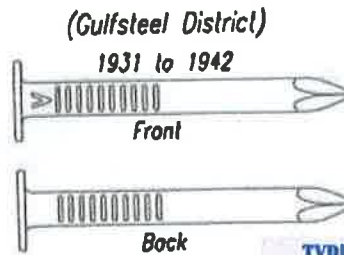
**Misc. Type (03) Nails**



# Type (04)

Republic Steel Corp., Cleveland, OH.  
 Plant located in Gadsden, AL.  
 Est. in 1902 as Alabama Steel and Wire Co.  
 Name changed 1906 to Southern Steel Co.  
 Reorganized in 1907 as Southern Iron  
 & Steel Co.

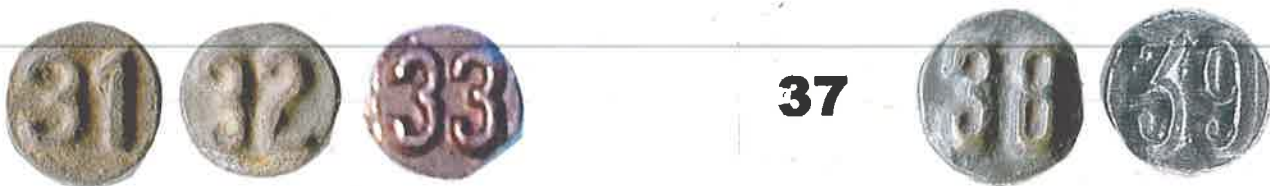
Purchased in 1913 by Gulf States Steel  
 Purchased in 1937 by Republic Steel Corp.  
 Discontinued making nails of any type in  
 the 1960's. Discontinued making date nails in the early 1950's.  
 The 2 x 1/4 rnd R stl (04) 35,36 ("D" shank nails) were misidentified in DNC. They are not  
 type (04), and were probably made by Atlantic Steel Co.



## 2 1/2 X 1/4 rnd R stl (04)



## 2 x 1/4 rnd R stl (04)



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**2 ½ X 1/5 rnd R stl (04)**



**(Nails from 1933 up have gm's)**

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**2 x 1/5 rnd R stl (04)**



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**2 ½ x ¼ sqr R stl (04)**



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**Other nails – Odd sizes etc. The 2 x ¼ 35 and 36 do not belong and the 2 x 1/5 35 does not belong to the Type (04) set. The book says they are Atlantic Steel Co.? (small “D” on shank of the 35 and 36).**

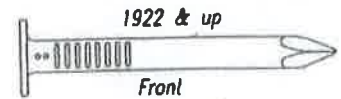




# Type (05)

Jones & Laughlin Steel Corp.,  
Aliquippa, PA.

Discontinued making all nails April 1,  
1966. Type (14) nails were also made  
by Jones & Laughlin.



TYPE (05) 1912 TO 1921  
FRONT AND BACK



TYPE (05)  
1922 AND UP - FRONT



TYPE (05) - 1922  
CNS&M (PHOTO J. PENRY)



TYPE (05) 1 1/2 X 1/4 ROUND  
RAISED, CHISEL POINT - BOTH SIDES



TYPE (05) SQUARE



TYPE (05) - SQUARE 1930  
2 1/4 X 9/32 - N&W



1 3/4 x 5/16 rnd l stl (05)



2 1/2 x 1/4 rnd l stl (05)



(14) (14)

1915 (14) 2.5 rl, stl. (var)



The 15 shown on this page has been called a Type (14) nail because those nails had a "T" on both sides of the shank. These nails were made by Jones & Laughlin. There are also letter nails that have been classified as Type (14). I believe that all of these nails are actually Type (05) nail made in 1915 and that a separate Type given to (14) is wrong and that the Type (14) should be eliminated and these nails made part of the Type (05) section. (I have put a small (14) under those nails that were previously put into that Type section. (R.Meyers)

**2 ½ x ¼ rnd l stl (05) continued**



**2 x ¼ rnd l stl (05)**



**1 ¾ x ¼ rnd R stl (05)**



**1 ½ x ¼ rnd l stl (05)**



**1 ¾ x 3/16 rnd l stl (05)**



**1 ½ x 3/16 rnd l stl (05)**





## LETTER NAILS 2 ½ x ¼ rnd l stl (05)

This page includes the letter nails that were previously labeled Type (14). They have that number pasted under the nail. There are also three letter nails with an \* over them. I believe these three are Type (05) and made in 1919.



P 1 ½ x ¼  
sqr l stl (05)  
(14))

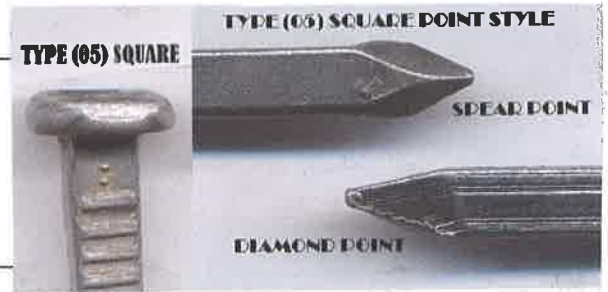


P 2 Dia.R (05)  
Pensacola Creo



### 2 ½ x ¼ sqr l stl (05)

These Type (05) square are unusual because they have two different point styles. Some dates have both. See Type (05) notes for list of the different point associated with these nails.



Nails with a spear point have anchors on two sides / Nails with diamond point have anchors on four sides



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**2 ½ X ¼ sqr I stl (05) continued**



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**1 ½ X ¼ sqr I (05)**



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**Code Set 36 (Telluride Power & Light/Portsmouth Ohio St. Rwy)**



There is a set with Diamond Point and a set with Spear Points. So far the 0,6 and 8 with a Spear Point have been unreported.

**LETTER NAILS 2 ½ x ¼ sqr l stl (05)**



**HEIGHT NAILS 2 ½ x ¼ sqr l stl (05)**



**DEPTH OR CODE NAILS ?**

**2 ½ x ¼ sqr l stl (05)**



**2 x ¼ sqr l st l (05)**





**2 ½ x ¼ rnd R stl (05)**



**2 ½ X ¼ rnd R sq shank stl (05)**



**2 X 1/4 rnd R stl (05)**



**1 3/4 x 1/4 rnd R stl (05)**



**1 1/2 X 1/4 rnd R stl (05)**



**1 1/2 X 1/4 rnd R cp stl (05)**



This Nail  
May Not Exist

**1 1/2 X 1/5 rnd R stl (05)**



**2 1/2 X 3/16 rnd R gm stl (05)**





**1 ¾ x 3/16 rnd R gm stl (05)**



**2 ¼ x 9/32 sqr R stl (05)**



**2 ½ x ¼ sqr R stl (05)**



**2 x ¼ sqr R stl (05)**



**2 ½ X ¼ cut R stl (05)**



**1 ¾ x 3/16 cut R stl (05)**



**2 ½ x ¼ sqr R stl (05) Height**



**2 x ¼ rnd R st l (05) L&N Code Set #1**



There is an identical set of these Code #1 nails. But they are 1 ¾ inches in length and reportedly used by Duquesne Light and Power Co of Pittsburgh, PA - Not all numbers from this set have been reported so far.

**Notes, New Finds and Odd sized Nails**



1 ¾ x ¼ sqr R.  
(SP)



1930 2 X ¼  
sqr l stl (05)



1926 2 ½ x ¼  
rnd R stl (05)



1915 2 1/2x ¼  
sqr l stl (05)  
(var) NYC



2 ½ x ¼ sqr l and R  
set on diamond shank



**1 ¾ X ¼ rnd R stl (05)**

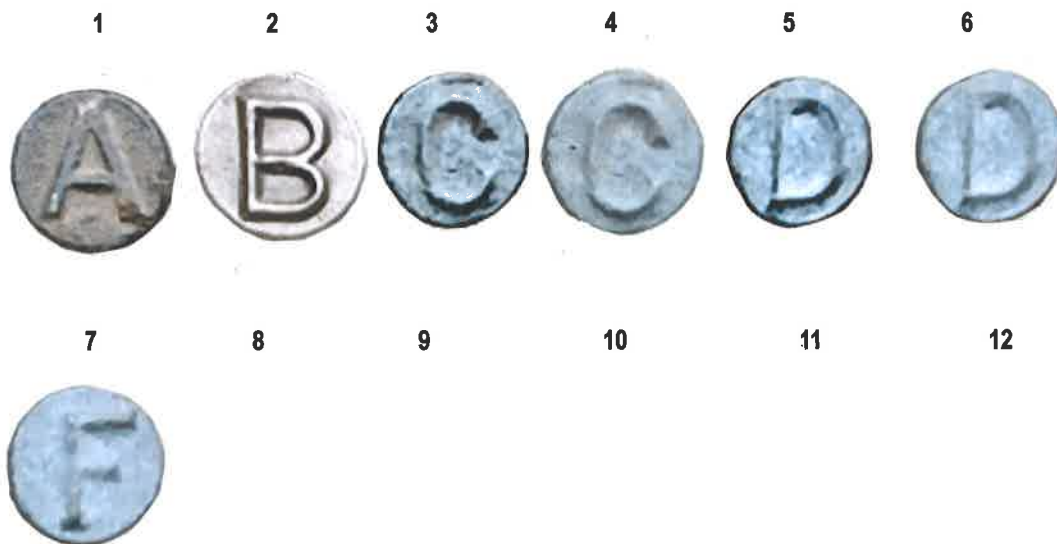


These are reportedly heightnails used by Duquesne Light and Power of Pittsburgh, PA



**LETTER NAILS – 2 ½ X ¼ rnd R stl (05) – Except as noted.**

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- |   |                |
|---|----------------|
| 1 | A3. L&N RR     |
| 2 | B8. 2". L&N RR |
| 3 | C2. L&N RR     |
| 4 | C4. 2". L&N RR |
| 5 | D4. L&N RR     |
| 6 | D6. 2". L&N RR |
| 7 | F3. 2". L&N RR |

**Other Raised Nails Type (05) – Square and others.**

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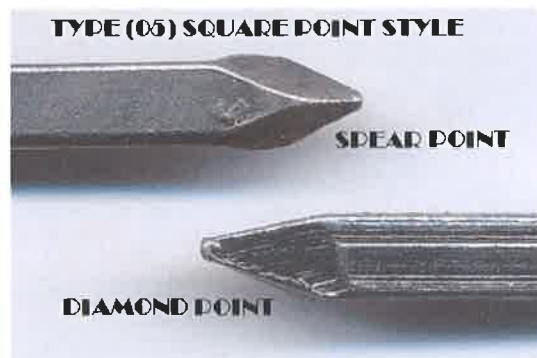


- |   |  |
|---|--|
| 1 | Square raised T. Pennsylvania RR Spear Point |
|---|--|

Years ago, after I found that the Type (05) square nails had two distinctly different point styles I started a type collection of these nails. I had no urgency to this, but did make a board to store them as I got them. At this point I have several examples of nails with both the spear point (SP) and the diamond point (DP).

Below is a current list of the square Type (05) nails that **I DO HAVE**. So any that are not on this list would be a welcome addition to this project. Any help in this regard would be most appreciated.

Thank you, and regards. Rolland A. Meyers / 33 Ramona Avenue / Oakland, CA 94611 / 510 658 5221 / <rolland@rollandmeyers.com>



### **SQUARE INDENT:**

14:a dp	27 dp	36:a sp	46:a sp	54:a dp	64 dp
14:b dp	28:a dp	36:b sp	46:b sp	54:b dp	64:b dp
15 dp	28:b dp	37 sp	46:c sp and dp	55 dp	65:a dp
21 dp	29 dp	38 sp		56:a dp	65:b dp
22 dp	30:a sp and dp		47 sp and dp	57 sp and dp	66 sp and dp
23:a dp	31:a sp	39 sp	48:a sp	58 dp	
23:b dp	31:b sp and dp	40 sp and dp	48:b sp	59 dp	
23:c dp	31:c sp	41 sp	49 sp	60:a dp	
24 dp	31:d sp		50:c dp	60:b dp	
25:a dp	32:a sp	42 sp	50:a sp		
25:b dp	33 sp	43 sp	50:b sp	61: b dp	
25:c dp	34 sp	44 sp	51 dp	61:c dp	
26:a dp	35 sp and dp	45:a sp	52 dp	62 dp	
26:b dp		45:b sp	53 dp	63 dp	

NOTES: 23:c is smaller date; 25:c is square on a diamond shank; 28:b has no flag on the back of the two; 37:b is a variety; 58:b is a variety; 60:c is not shown in books; 50:c, 61:c is not shown in books.

### **SQUARE RAISED:**

24 dp	33 dp	40: sp	48: sp	56:dp	64:dp
25:a dp	34 sp	41: sp	49: sp	57:dp	65:dp
25:b dp	35 so	42: sp	50: sp		66:dp
25:c dp	36:a sp	43: sp	51: dp	59:dp	NOTE: 25:b is small date variety. 25:c is a taller date variety. (both are NYC). The 36:b is a variation on the six.
	36:b sp	44: sp	52: dp	60:dp	
29 dp		45:dp	53: dp		
32 sp	38: sp	46: sp	54: dp		
	39: sp	47: dp	55: dp	63:dp	

### **SQUARE INDENT HEIGHT NAILS:**

30:a sp and dp	40 sp	50 sp and dp	65:a sp	75:a sp	90 dp
35:a sp	45:a sp	55 sp	65:b dp	75:b dp	
35:b sp	45:b dp	60 dp	70 dp	80 sp and dp	

NOTE: 65:b is not shown in the books. 60:b sp

### **SQUARE INDENT LETTER NAILS:**

B #2 dp; IM #13 dp; IM #14 sp; J #6 dp; OP #17 sp and dp; R #8 dp; R #9 sp; T #10 dp; TD # 19 dp; UE #20 sp

AC (sp)

### **TELLURIDE CODE SET #36 - SQUARE INDENT:**

0 dp; 1 sp and dp; 2 dp; 3 sp and dp; 4 sp and dp; 5 sp and dp; 6 dp; 7 sp and dp; 8 dp; 9 sp and dp

### **DEPTH NAILS (?)**

12:b sp



## **~ Type (06) Project ~**

Well here it is, for better or for worse! A lot of literal "cutting and pasting" here. I would like to thank all those who helped with this project by sending scans and photos of their Type (06) nails. There are some previously unreported nails here as well as some that still have no accompanying photo.

I have not attempted to assign a railroad or utility to any of the nails. I think Oaks cross reference in his Vol. III is about as far as we will get to the question of who used what nail. There are a few that were not shown before that I now have a "user." for, but not enough to warrant a separate sheet for that purpose.

From the digging I have done on this project I feel there are a few nails that are in the existing books that may not exist or may not belong in the Type (06) section.

My first is a question about the 1 ½ x ¼ ri 1962 and 1963 nails. The length may be in error as I do have scans of 2 x ¼ nails with this date. If anyone reading this has a true 1 ½ inch length nail, please forward a scan.

Next is the 2 x ¼ or perhaps the 1 ¾ x ¼ rr 1955 nail with the heavy GM's. This was reportedly used by the Terminal railway of St Louis. I did receive photos of 53's and 54 from folks that pulled them. They never saw a 55 and think its reporting is in error.

Last, and I am sure there are others, is the 1936 1 ¼ x 3/16 rr copper nail. No one I have contacted has one. But the 36 Type (07) does exist and some think this may have been the nail wrongly inserted in the Type (06) section without a photo?

Again, my thanks to all who helped with this project. You know who you are. As with any nail project, I am sure there are errors and omissions. If you have corrections (with photos or scans) please, PLEASE, let me know of those.

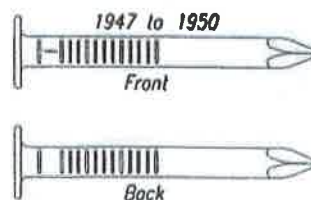
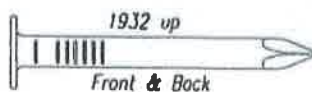
Regards,

*Rolland Meyers*

(Oct. 2015)

## Type (06)

American Steel & Wire Co.,  
Scott Street Works, Joliet,  
IL. AS&W was later bought  
by United States Steel Co.



2 1/2 x 1/4 rnd I stl (06)





2 x 1/4 rnd I stl (06)



1 1/2 x 1/4 rnd I stl (06)



1 x 1/4 rnd I stl (06)



1 1/2 x 1/5 rnd I stl (06)



1 1/4 x 1/5 rnd I cp stl (06)



2 1/2 x 1/4 rnd R stl (06)



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2 ½ X ¼ rnd R stl (06) - (continued)



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2 ¼ x ¼ rnd R stl (06)





2 X ¼ rnd R stl (06)



2 x ¼ - 1 ¾ x ¼ GM06  
(sizes vary)



1 ½ x ¼ rnd R cp stl (06)



1 ½ x ¼ rnd R GM stl (06)

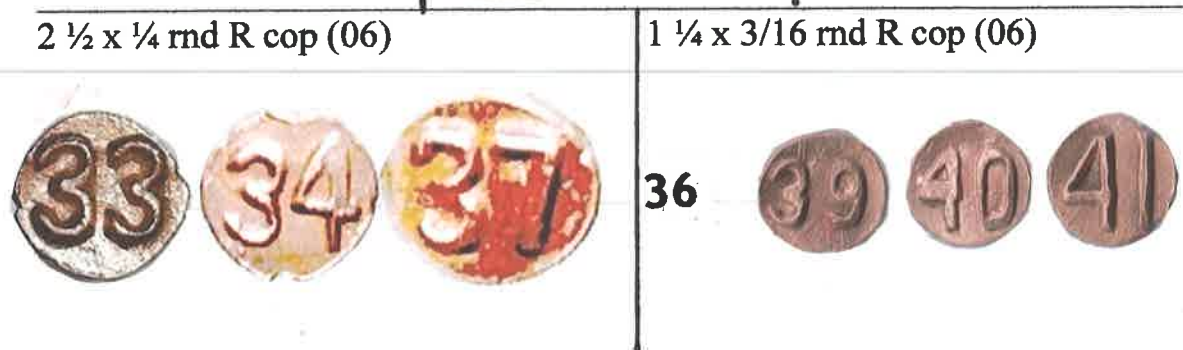


1 ¾ x ¼ rnd R stl (06)



1 ½ x ¼ rnd R stl (06)





## Type (06) Letter/Code/Height Nails

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### 2 ½ x ¼ rnd I stl (06) Letter Nails



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### 2 ½ x ¼ rnd R stl (06) Letter Nails



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### 2 ½ x ¼ rnd I stl (06) Code Nails – Set #22 -Southern California Edison





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2 x 1/4 rnd R (06) Code Nails - Set #2 - Louisville & Nashville RR



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2 x 1/4 rnd R (06) Code Nails - Set #5 - Eastern Illinois Telephone



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Misc Code set. rnd I stl (06)

6's are 2 x 1/5 ri      7 is 2 1/2 x 1/5 ri



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2 1/2 X 1/4 rnd R stl (Code Set #8)



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2 1/2 x 1/4 rnd I stl (06) Depth (?) Nail



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2 1/2 x 1/4 rnd I stl (06) CODE Nails



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2 1/2 x 1/4 rnd R stl -(06) Pac. Tel.



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2 ½ x ¼ rnd I stl (06) Height Nails



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2 ½ x ¼ rnd R stl (06) Height Nails




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Odd size Type (06) nails (round raised)



2 1/2 x 1/5

2 1/4 x 3/16

2 1/4 x 3/16

2 x 3/16

Variations (raised)



2 1/2 x 1/4

Found on end of ties



1 1/2 x 3/16 (06)  
CB&Q

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Odd size Type (06) nails (round indent)



1946 (06) ri stl  
1 3/4 x 1/5 - 1 1/2 x 1/5

Variations (indent)

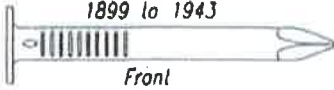


# Type (07)

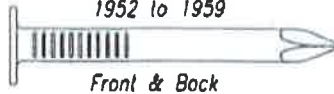
Thanks to Jerry Penry for his wonderful drawings of the shanks (8/5/98)

(Consolidated Works)

1899 to 1943

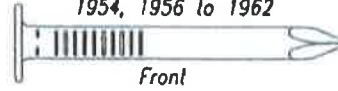


1952 to 1959

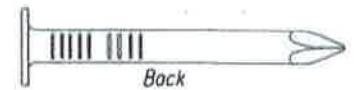
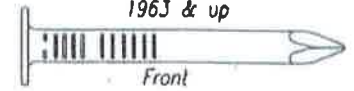


(Donora Works)

1944 to 1952  
1954, 1956 to 1962



1963 & up



Stubbies

GM (Barbed)



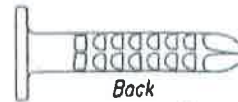
Collon Belt  
1909



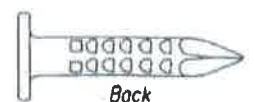
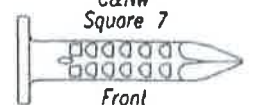
Collon Belt  
1911



C&NW  
1925 to 1927



C&NW  
Square 7



American Steel & Wire Co.

This firm later was bought by U.S. Steel, after which it was known as American Steel & Wire Division.

**1 1/4 - 1 5/8 rnd l stl (07)** Note: These nails vary in size. The 1920 is 1 5/8 x 5/16 and the rest are 1 1/4 x 3/8.

All are said to have been possibly used by the Springfield, MA Utility. Photo of the shanks is included and is in same order as the nails are shown.



1931 1 1/2 x 3/8

CITY OF SPRINGFIELD, MA UTILITY?



1920: 1 5/8 x 5/16 RI  
REST ARE 1 1/4 x 3/8 RI  
ALL TYPE (07)



**1 3/4 X 5/16 rnd I GM stl (07)**



**2 x 11/40 rnd I stl (07)**



**2 1/2 x 1/4 rnd I stl (07)**





**2 ½ X ¼ rnd l stl (07) Continued**





**2 ½ x ¼ rnd l stl (07) Continued**



**2 ½ x ¼ rnd l stl (07) Continued**



**2 ½ X ¼ rnd l stl (07): Nails and varieties not shown in previous pages.  
They are not in chronological order but as received.**



See Type (07) Notes

1918 (07)  
Hand Stamped



**2 ½ x ¼ rnd I GM stl (07)**



**2 ½ X ¼ rnd I bullseye stl (07)**



**2 x ¼ rnd I stl (07)**





**2 X 1/4 rnd l stl (07) Continued**



**1 1/2 x 1/4 rnd l stl (07)**



**1 3/4 x 1/4 rnd l stl (07)**



**1 ½ x ¼ rnd l stl (07) Continued**



46

**1 ¼ x ¼ rnd l stl (07) +/- (These nails vary in length from 1 inch to almost 1 ½ inches)**



**1 ½ x ¼ - rnd l stl (07)**

3 may  
not exist





**1 ½ x 3/16 rnd l stl (07)**



**2 ½ x 1/8+ rnd l stl**



**1 ¼ x 3/16 rnd l stl (07)**



**1 ¼ x 3/16 rnd l cp stl (07)**



**2 ½ X ¼ +/- dia l stl (07) Shank diameters vary**





**2 ½ x ¼ +/- dia l stl (07)** Shank diameters vary



**2 ½ x ¼ dia l hb stl (07)** Some of the earlier nails, like the 4 and 5 measure 1/4-.



**1 ½ x ¼ dia l stl (07)**



**2 x ¼ dia l stl**



**2 ½ x ¼ sqr l stl (07)**



Many believe the four 1932 nails above are not Type (05) - but Type (07).  
I am one. That is why they are included in this section



**2 ½ x ¼ sqr l stl (07) - continued**



**2 ½ x ¼ sqr l stl (07)** These nails have a polished head and are machine stamped – The user is not known at this time. Others dates may exist.



**2 ½ x ¼ sqr l hb stl (07)**



**2 ½ X ¼ – sqr l stl**



**2 x ¼ sqr l stl (07)**



Blank



**2 ½ x ¼ irr l rs stl (07)**



**1 ½ x ¼ sqr l stl**



**2 ½ x ¼ irr l dia stl (07)**



**2 ½ x ¼ irr l sqr stl (07)**



**2 x ¼ irr l Offset shank stl (07)** These nails are not set on a square or diamond but in between.



**Other size round, square and irregular indents not shown-**

Not in chronological order or size, but in order received.



2 x ¼ rd l 14, and 22 (var)



2 ½ x ¼ irr l sq shank 61, 64 and 66



2 ½ x ¼ irr l dia shank 55, 56 (var)



1947, 1948, 1949 and 1950 irr l mounted on diamond shank



1913 2 ½ x ¼ ri  
set on diamond  
herringbone shank

1949, 1950 and 1951 irr l on round shank

# Indent Copper (07)

2 1/2 x 1/4 rnd l ss cop



1 x 1/4 rnd l cop



1 3/4 x 3/16 rnd l cop



1 1/4 x 3/16 rnd l cop (07)



Potomac  
Edison

1 1/2 x 3/16 rnd l gm cop (07)



1 1/4 x 3/16 rnd l cp cop (07)



1 1/4 x 3/16 sqr l rs cop (07)



2 x 1/4 sqr l cop (07) h5





=====

**2 X 5/16 rnd R stl (07)**



Minnesota Power & Light

**2 1/4 x 9/32 rnd R**



**2 1/2 x 1/4 rnd R stl (07)**



**2 x 11/40 rnd R**  
(Union Pacific)





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**2 ½ X ¼ rnd R stl (07) Continued**



**2 1/2 x 1/4 rnd R stl (07) Continued**



**2 1/2 x 1/4 rnd R stl (07): Nails and varieties not shown in previous pages.  
They are not in chronological order but as received.**





2 ½ x ¼ rnd R gm stl (07)



2 ½ x ¼ rnd R GM stl (07)



2 x ¼ rnd R stl (07)



2 x ¼ rnd R GM stl (07)



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**2 x 1/4 rnd R stl (07) Continued**



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**2 x 1/4 rnd R stl (07): Nails and varieties not shown in previous pages.**  
**They are not in chronological order but as received**



The 14-20 are 2 x 1/4 rr (07) from Indiana General Service

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**Other size rnd R stl (07) not shown in previous pages**



1924 and 1930 1 1/4 x 1/4



**1 3/4 x 1/4 rnd R stl (07)**



**1 1/2 x 1/4 rnd R stl (07)**



**1 1/2 x 1/4 rnd R cp (07)**



**1 x 1/4 rnd R**



**1 1/2 x 1/5 rnd R stl (07)**



**1 1/4 x 1/5 rnd R stl**



**2 1/2 X 3/16 gm rnd R stl (07)**

No gm

No gm



Trona

**1 3/4 x 3/16 rnd R gm stl (07) (Milwaukee Road)**



**1 1/2 x 3/16 rnd R stl (07)**



CB&Q

**2 1/2 x 7/40 rnd R gm stl (07)**





**2 ½ x 7/40 rnd R stl (07) -no gm**



**2 ½ x 1/8+ gm rnd R stl (07)**



**2 ½ x 1/8+ rnd R stl (07) – no gm**



**1 ½ x 1/8+ rnd R stl (07) – no gm**



**2 ½ x ¼ dia R rs stl (07)**



Lehigh  
Valley

**2 ½ X ¼ dia R stl (07)**



**2 1/4 x 9/32 sqr R stl (07)**



The 1931-33 have been found in two lengths - 2 1/4 and 2" Interstate RR

**2 1/2 x 11/40 sqr R stl**



**2 1/2 x 1/4 sqr R stl (07)**



Square set  
on diamond





**2 ½ x ¼ sqr R stl (07) Continued**



**2 ½ x ¼ sqr R rs stl (07)**



**2 x ¼ sqr R stl (07)**



**2 x ¼ sqr R rs stl**



**1 ½ x ¼ sqr R stl (07)**



**2 X 3/16 sqr R stl (07)**

**2 ½ x ¼ cut R stl (07)**



**2 ½ x ¼ pnt R stl (07)**



**2 ½ x ¼ hex R rs stl (07)**



**2 ½ x ¼ tri on R rs stl (07)**





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**2 ½ X ¼ irr R sqr stl (07)**




---

**2 ½ x ¼ irr R dia stl (07)**




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**2 ½ x ¼ irr R off set stl (07)** These are neither mounted on square or diamond but in between




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**2 ½ X ¼ rnd R-I hs stl (07)**

Note: During the years of WWII (1941-45), in order to cut costs and save steel some nails with a 40's raised 1940's date had the second digit filed off and a hand stamped date was put on. One railroad that used this particular style of nail is the West Pittston-Exeter. Sacramento Municipal Utility District was another. I am sure there were several other railroads and utilities that did likewise.



## Raised Copper (07)

**2 ½ x ¼ rnd R cop (07)**



**2 x ¼ rnd R cop (07)**



**2 ½ x ¼ sqr R cop (07)** – 1924 through 1941 were used by the Cleveland Electric Illuminating Co. (Ohio)



**2 x ¼ sqr R cop (07)**



**1 ¼ x 3/16 rnd R cop (07)**



1936 No gm's  
Potomac Ed.



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**Other Square raised and Irregular nails not shown in previous pages.  
(Not in chronological order but In order received)**



1 1/2 x 1/4  
sqr R (var)



1 1/2 x 1/4  
sqr R



2 1/2 x 1/4 sqr R stl



## Pole Height Nails (07)

**2 ½ x ¼ rnd l stl (07)** – Some of these may have been used as both date and height nails.



Others examples





**2 ½ x ¼ rnd R stl (07)** – Some of these may have been used as both date and height nails.



**3 x ¼ rnd R stl (07)**



**2 ½ x ¼ rnd R stl (07)**



**2 ½ x ¼ sq R stl**



**2 x ¼ rnd R stl (07)**



**2 ½ x ¼ sq I stl (07)**



**2 x ¼ sq I stl (07)**



**2 ½ x ¼ sqr R stl (07)**



**Other Height Nails as Noted** – Some may have also been used as date nails.



2 ½ x ¼ sqr R stl

**1 ½ x ¼ sqr R stl (07)** – Duquesne Light Co, (PA)



**Pole Depth Nails** – Or possibly high codes? Definite attribution not established.

2 ½ x ¼ rnd l stl

2 ½ x ¼ rnd R | 2 ½ x ¼ sqr R





## Type (07) Letter Nails

2 1/2 X 1/4 rnd 1 stl (07) – Unless noted differently



A3

A4

A5



B2

B3

B7



B10

BO12

BO13

BR16

BT17



C1

C2

C3

C6

C7

C8

CY11



CY12

CT



D1  
Dierks 1 1/4"

D2

D5



E1

E2

E3

E5

E6

E7

F1

F2



G4

G5

G6

G7

G8

GE9

GE10



H3

H4

H5

H7



I1

IM3

# Round Indent (07) Letter Nails – continued



J2



K1



KEP2



KEP2 (2'')



L1



LGE2



M3



M4



M9



N1



N2



NP3



NP4



OZ1



P3



P5



P6



PO7



PO8



PL9



PUC10  
4'



R1



R2



RO4



S1



S2



S4



S11



S12



ST13



W2



T1



T4



U1



W1 (1 1/2 X 3/16)



WO3



X2



X3



X5



X6



Y1



Z1



ZM2





**2 ½ x ¼ rnd R stl (07) – Unless noted differently**



## Round Raised (07) Letter Nails – continued



**2 ½ X ¼ rnd l stl (07) Letter Nails** – Previously unreported – Not in alphabetical order but in the order they were received. Numbers are assigned that were available as a continuation of the existing books.



**2 ½ X ¼ rnd R stl (07) Letter Nails** – Previously unreported – Not in alphabetical order but in the order they were received. Numbers are assigned that were available as a continuation of the existing books.





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**2 ½ X ¼ rnd E stl (07) Letter Nails (cont)** – Previously Unreported, Varieties, etc.



First two TS are B&O  
Varieties

This TS is  
Tri States Tel & Tel

## Type (07) Letter Nails (Square)

**2 1/2 x 1/4 sqr I stl (07)**



G3



I4



J5



P7



T11



T12



IM15



OP16



ST18



UE23  
Irregular 2"



US21 (3 nails – first two set on diamond - first has thinner shank, third nail is set on square shank)



RG24  
Allegann (MI)



W25

**2 1/2 x 1/4 sqr R stl (07)**



AC12



E1



P4



R5  
Set on Dia. & Sq shanks



IM8



TC9



UT10



UE11



GE13



IP14  
ILL.PWR



---

**2 ½ X ¼ sqr l stl (07)** – Previously unreported – Not in alphabetical order but in the order they were received. Numbers are assigned that were available as a continuation of the existing books.



IPS 26  
Iowa Pub. Svc.



SW 24  
Unknown

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**2 ½ x ¼ sqr R stl (07)** – Previously unreported – Not in alphabetical order but in the order they were received. Numbers are assigned that were available as a continuation of the existing books.

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**Copper Letter Nails – Indent & Raised**

All nails 2 ½ x ¼ unless noted. Not in alphabetical order but in the order they were received. Numbers assigned as available.



BT 25 Indent  
Bell Tel.



F 1 (dia R)  
Farmington, MO



LES 11



LPD 26

Both from Lincoln, Neb



KEP 1

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**2 ½ x ¼ dia l stl (07)**



P1  
Pensicola Creo

# **Type (07) Letter Nails (other sizes not reported -- raised and indent)**

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FP 9 1 X 3/16  
Unknown



FP 10 2"  
Unknown



2 x 5/16 rr  
Dakota Pwr



2 x 3/8 rr Muni Light  
Water & Power, NB



2 x 3/8 rr Muni  
Light & Power. NB



2 x 1/4 rr  
Sydney, NB



1 x 5/16 rr  
Cotesville, NB



## Key to Type (07) Letter Nails

**Round Indent:** A3 (Ash, BR&P), A4 (SP), A5 Ash, CB&Q) / B2, B3 (Beech, BR&P), B7 (Pensy 2" ), B10 (Red Birch, CB&Q), BO12, BO13 (Black Oak, BR&P), BR16 (Birch, BR&P), BT17 (Pole Nail-St.Louis, MO area) / C1 (Unknown), C2 (SP and BR&P), C3 (Chestnut, BR&P), C6, C7 (IN MI Elect), C8 (Cypress, CB&Q), CY11, CY12 (Cherry, BR&P), CT13 (City of Trinidad, CO) / D1 (Unknown), D2 (SP), D5 (Cottonwood, CB&Q), D6 (Dierks 1 ¼ x ¼), DL7 (Unknown-Hand Stamped) / E1 E2 (SP), E3 (Elm, BR&P), E5 (White Elm, CB&Q), E6 (Pensy RR), E7 (Unknown), E8 (Union Elect) / F1 (SP), F2 (Unknown) / G4, G5 (Used as the G in "IGS" IN Gen'l. Svc), G6, G7 (SP), G8 (Gum, CB&Q), GE9, GE10 (Gen'l. Elect), G11 (CB&Q) / H3, H4 (Hickory, BR&P), H5 (SP), H7 (Hemlock, CB&Q) / I1 (Beech, CB&Q), IM3 (IN MI Elect) / J2 (SP), / K1 (Pignut, hickory, CB&Q), KEP2 (Kansas Elect. Power 2 and 2 1/2" ) / L1 (Poplar, CB&Q), LGE2 (Nebraska), M3, M4 (Maple, BR&P), M9 (CB&Q), / N1 (NW Elect), N2 (Pin oak, CB&Q), NP3, NP4 (Neb.Power Co. Omaha), / OS2, OS3 (Ohio Service), OZ1 (Oil Zinc treated—Santa Fe), / P3 (Pine, BR&P), P5 (C&NW), P6 (Loblolly pine, CB&Q), PO7, PO8 (Pin oak, BR&P), PL9 (Peoples Light-Davenport, IA), PUC (Pub. Utility Com -St.Paul, MN 4" ), / Q1 (CB&Q), / R1 (Calif), R2 (Red oak, CB&Q), RO4 (Red oak, BR&P) / S1, S2 (Used as the "S" IN Gen'l. Svcs), S4 (Salvage Pole, So. CA Edison), S11 (Sycamore, BR&P), S12 (Sycamore, CB&Q), ST13 (Steam or Special Treatment - Santa Fe) / T1 (Treatment Co., MN?), T4 (Tamarack, CB&Q) / U1 (Utah Powr & Light), U2 (CB&Q), U3 (Union Elect) / V1 (Unknown) / W1 (Unknown 1 ½ x 3/16), W2 (Calif), WO3 (White oak, BR&P), W4 (CB&Q), W5 (Wabash) / X2, X3 (Substandard Tie-BR&P), X5 (Pensy RR), X6 (Untreated-CB&Q) / Y1 (Straight Creosote Treatment -CB&Q) / Z1 (Zinc Chloride - CB&Q), ZM2 (Zinc chloride +mixture treatment -Santa Fe)

**Round Raised:** A1, A2 (L&N), A4 (UP 2" ), ABR6 (Soo Line), AO8 (UP 2 ½ x 3/16), A9 (UP -2 ½ x 3/16) / B1 (L&N), B3 (Soo & MoPac), B6 (Detroit Edison), B7 (UP 2" ) / C1 (L&N), C3 (L&N 2" ), C5 Wisc.Pub.Svc.), C7 (MoPac), C14 (UP - 2" ), C15 (Det.Edison), CS9 (Curve to Spiral - B&O RR) / D1 (Wisc, Pub.Svc. -also see var), D2 (Detroit Edison), D5 (L&N), / E1 (L&N), E2 (Soo, Detroit Edison & Tri States Tel&Tel), / F1 (Detroit Edison), F4 (L&N), F8 (UP - 2" ), FP9, FP10 (Unknown) / G1 (Detroit Edison and "G" in IN Gen'l.Svcs), G5 (UP - 2" ), G6 (Unknown -Irr on square shank) / H2 (Soo Line), HT3 (Home Tel.), / I2 ((Inspected - Wisc. Elect.Power 1 ¼" ), IPS4 (Iowa Pub.Svc 2 ½ x 3/16), IPCO5 (Interstate Power Co, MN -2" ), / JG (Joint Guy line), / L4 (UP - 2" ), L6 (L&N) / M1 (MoPac and Soo Line), ML3 (Municipal Light, Lincoln, NE), MCTCO4 (Unknown) / P1 (DM&IR) / R1 (MoPac & Soo), R6 (Chicago Transit) / S8 (Unknown), SC4 (Spiral to Curve - B&O), ST5 (Spiral to Tangent - B&O) / TS2 (Tangent to Spiral - B&O), TS3 (Tri States Tel and Tel), TC (Taylor-Colquitt Co in poles with 28 or 29 date nail), T6 (Tri State), T7 (Unknown) / U1, U2 (Utah Power & Light), UE3 (Union Elect - St.Louis, MO), W1 (West-Tri States Tel & Tel), W2 (MoPac & Soo), W3 (Unknown - 2 ½ x 3/16), W4 (Wabash) / X3, X4 (Substandard tie - Santa Fe) / Y1 (MoPac & Soo) / ZA2, ZA3 (Zinc-meta-Aarsinite treatment - CB&Q from 1929 test section)

**Square Indent:** G3 (The General from IN Gen's.Svcs) / I4 (The IN from IN Gem'l.Svcs), IM15 (IN MI Elect), IPS26 (Iowa Pub.Svc) / J5 (Joint Ownership of Pole - Danvers, MA) / OP16 (Ohio Power) / P7 ( "Power" in PA Power & Light) / RC24 (Alleghann, MI) / ST18 (Steam or Special Treatment - Santa Fe), SW24 (Unknown) / T11 (Pensy Power & Light), T12 ( "Power" of Pensy Power & Light) / UE23 (Union Elect -Sr.Louis, MO -2" Irregular), US21 (U.S. Forest Svc - both on diamond and square shank)

## Key to Type (07) Letter Nails

**Round Indent:** A3 (Ash, BR&P), A4 (SP), A5 Ash, CB&Q) / B2, B3 (Beech, BR&P), B7 (Pensy 2" ), B10 (Red Birch, CB&Q), BO12, BO13 (Black Oak, BR&P), BR16 (Birch, BR&P), BT17 (Pole Nail-St.Louis, MO area) / C1 (Unknown), C2 (SP and BR&P), C3 (Chestnut, BR&P), C6, C7 (IN MI Elect), C8 (Cypress, CB&Q), CY11, CY12 (Cherry, BR&P), CT13 (City of Trinidad, CO) / D1 (Unknown), D2 (SP), D5 (Cottonwood, CB&Q), D6 (Dierks 1 1/4 x 1/4) / E1 E2 (SP), E3 (Elm, BR&P), E5 (White Elm, CB&Q), E6 (Pensy RR), E7 (Unknown), E8 (Union Elect) / F1 (SP), F2 (Unknown) / G4, G5 (Used as the G in "IGS" IN Gen'l. Svc), G6, G7 (SP), G8 (Gum, CB&Q), GE9, GE10 (Gen'l. Elect), G11 (CB&Q) / H3, H4 (Hickory, BR&P), H5 (SP), H7 (Hemlock, CB&Q) / I1 (Beech, CB&Q), IM3 (IN MI Elect) / J2 (SP), / K1 (Pignut, hickory, CB&Q), KEP2 (Kansas Elect. Power 2 and 2 1/2" ) / L1 (Poplar, CB&Q), LGE2 (Nebraska), M3, M4 (Maple, BR&P), M9 (CB&Q), / N1 (NW Elect), N2 (Pin oak, CB&Q), NP3, NP4 (Neb. Power Co. Omaha), / OS2, OS3 (Ohio Service), OZ1 (Oil Zinc treated—Santa Fe), / P3 (Pine, BR&P), P5 (C&NW), P6 (Loblolly pine, CB&Q), PO7, PO8 (Pin oak, BR&P), PL9 (Peoples Light-Davenport, IA), PUC (Pub. Utility Com -St.Paul, MN 4" ), / Q1 (CB&Q), / R1 (Calif), R2 (Red oak, CB&Q), RO4 (Red oak, BR&P) / S1, S2 (Used as the "S" IN Gen'l. Svcs), S4 (Salvage Pole, So. CA Edison), S11 (Sycamore, BR&P), S12 (Sycamore, CB&Q), ST13 (Steam or Special Treatment - Santa Fe) / T1 (Treatment Co., MN?), T4 (Tamarack, CB&Q) / U1 (Utah Powr & Light), U2 (CB&Q), U3 (Union Elect) / V1 (Unknown) / W1 (Unknown 1 1/2 x 3/16), W2 (Calif), WO3 (White oak, BR&P), W4 (CB&Q), W5 (Wabash) / X2, X3 (Substandard Tie-BR&P), X5 (Pensy RR), X6 (Untreated-CB&Q) / Y1 (Straight Creosote Treatment -CB&Q) / Z1 (Zinc Chloride - CB&Q), ZM2 (Zinc chloride +mixture treatment -Santa Fe)

**Round Raised:** A1, A2 (L&N), A4 (UP 2" ), ABR6 (Soo Line), AO8 (UP 2 1/2 x 3/16), A9 (UP -2 1/2 x 3/16) / B1 (L&N), B3 (Soo & MoPac), B6 (Detroit Edison), B7 (UP 2" ) / C1 (L&N), C3 (L&N 2" ), C5 Wisc.Pub.Svc.), C7 (MoPac), C14 (UP - 2" ), CS9 (Curve to Spiral - B&O RR) / D1 (Wisc, Pub.Svc. -also see var), D2 (Detroit Edison), D5 (L&N), / E1 (L&N), E2 (Soo, Detroit Edison & Tri States Tel&Tel), / F1 (Detroit Edison), F4 (L&N), F8 (UP - 2" ), FP9, FP10 (Unknown) / G1 (Detroit Edison and "G" in IN Gen'l.Svcs), G5 (UP - 2" ), G6 (Unknown -Irr on square shank) / H2 (Soo Line), HT3 (Home Tel.), / I2 ((Inspected - Wisc. Elect.Power 1 1/4" ), IPS4 (Iowa Pub.Svc 2 1/2 x 3/16), IPCO5 (Interstate Power Co, MN -2" ), / JG (Joint Guy line), / L4 (UP - 2" ), L6 (L&N) / M1 (MoPac and Soo Line), ML3 (Municipal Light, Lincoln, NE), MCTCO4 (Unknown) / P1 (DM&IR) / R1 (MoPac & Soo), R6 (Chicago Transit) / S8 (Unknown), SC4 (Spiral to Curve - B&O), ST5 (Spiral to Tangent - B&O) / TS2 (Tangent to Spiral - B&O), TS3 (Tri States Tel and Tel), TC (Taylor-Colquitt Co in poles with 28 or 29 date nail), T6 (Tri State) / U1, U2 (Utah Power & Light), UE3 (Union Elect - St.Louis, MO), W1 (West-Tri States Tel & Tel), W2 (MoPac & Soo), W3 (Unknown - 2 1/2 x 3/16), W4 (Wabash) / X3, X4 (Substandard tie - Santa Fe) / Y1 (MoPac & Soo) / ZA2, ZA3 (Zinc-meta-Aarsinite treatment - CB&Q from 1929 test section)

**Square Indent:** G3 (The General from IN Gen's.Svcs) / I4 (The IN from IN Gem'l.Svcs), IM15 (IN MI Elect), IPS26 (Iowa Pub.Svc) / J5 (Joint Ownership of Pole - Danvers, MA) / OP16 (Ohio Power) / P7 ( "Power" in PA Power & Light) / RC24 (Alleghann, MI) / ST18 (Steam or Special Treatment - Santa Fe), SW24 (Unknown) / T11 (Pensy Power & Light), T12 ( "Power" of Pensy Power & Light) / UE23 (Union Elect -Sr.Louis, MO -2" Irregular), US21 (U.S. Forest Svc - both on diamond and square shank)



## Type (07) Code Sets

**Set #3 – 2 x ¼ rnd R stl (07)** – Louisville & Nashville RR to number switches



**Set #6 – 2 x ¼ rnd R GM stl (07)** – There are two shank variations for this set. The difference lies with the spacing of the gripper marks. - They are presented here with the variations separated, the heavier and wider grippers are the top set, the nails with the grippers that are lighter and further apart are below.



**Set #9 – 2 ½ x 9/40 rnd R stl (07)** – Southern Pacific – Used in bridge timbers. Quoting (DNC 177): "It is believed that the bridge was pre-cut and assembled at the creosoting plant. Each piece was marked with code nails. The bridge was disassembled, creosoted and then sent to the site. It was reassembled in accordance with a diagram using the numbers marked on each piece. By using this procedure, all ends of timbers received the proper treatment and no cutting had to be done after the treatment which would expose the raw wood."



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**Set #10 2 ½ x ¼ rnd R stl (07)** – Oklahoma Gas & Electric and Detroit Edison. Used to number poles. Georgia RR used to number switches. Boston & Maine RR to number ties in a test section in North Conroy, NH. This set has also been found in areas where the Union Pacific operated. This set also used by Montana Power




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**Set #11 2 ½ x ¼ rnd R stl (07)** – Oklahoma Gas & Electric Co. Used to number poles. This set also used by Montana Power




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**Set #15 2 ½ x ¼ rnd R GM stl (07)** – Union Pacific Railroad




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**Set #16 2 ½ x ¼ rnd R stl (07)** – Louisville & Nashville RR used to number switches. Found with Sets #1-#4. "Very flat head similar to the Georgia RR set #10, with heads almost identical to the 2 inch long L&N Set #3." (DNC, 178)





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**Set #19 2 ½ x ¼ cut R stl (07)** – Baltimore & Ohio RR, Used with Set #18 in a test section near Washington, DC to number ties from 1 to about 2,500. Probably used in the 1920's.



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**Set #20 2 ½ x ¼ rnd l stl (07)** – Milwaukee Toad and Chicago, Burlington & Quincy. An old set.



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**Set #21 2 ½ x ¼ rnd l stl (07)** – Southern California Edison



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**Set #25 2 ½ x ¼ rnd l stl (07)** – Sets #25 and #26 were used by Indiana & Michigan Electric Co. The "1" of both sets was used as the "I" of "IGS" by Indiana General Services. The 0 and 1 of [Set #26](#) were used by the Southern Pacific Railroad.



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**Set #26 2 ½ x ¼ rnd I stl (07)** – Used by Indiana & Michigan Electric Co. The “1” of Set #25 and #26 were used as the “I” of the “IGS” by Indiana General Services. The 0 and 1 of this set were used by the Southern Pacific Railroad.




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**Set #28 1 ½ x ¼ rnd I stl (07)** – Sets #28 & 29 belong to the Short Line Code Set. They were used about 1934 in ties.




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**Set #29 1 ½ x ¼ rnd I stl (07)** – See notes of Set #28 above.




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**Set #31 and #32 2 ½ x 7/40 rnd R gm stl (07)** – I have combined these two sets as I believe they should be presented as one set (with variations). These nails were used by the Union Pacific RR. The 9 has a square head.




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**Set #34 2 ½ x ¼ sq R stl (07)** – Utah Power & Light. Used in pairs to show the year.



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**Set #37 1 1/4 x 3/16 rnd l cop (07) – Potomac Edison**



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**Set #44 2 1/2 x 1/4 rnd R stl (07) – Baltimore & Ohio RR. Found in ties.**  
It is believed by some that these nails are not B&O RR but are from Baltimore Gas & Electric.



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**Set #45 2 1/2 x 3/16 sqr R stl (07) – Baltimore & Ohio RR. Found in bridge timbers.**



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**Misc. Type (07) Code Nails** – These are in the books and labeled. Also at the bottom of the page find some of the many variations of these Type (07) codes not shown.



1 1/2 x 3/16 sqr l stl (07)  
"Used to date poles in the  
Allentown, PA area toward  
the end of 1943 when the 43  
date nails became hard to get  
because of the war." (DNC, 186)

1 X 1/8 rr



**Variations of Type (07) Code Nails – All 2 ½ unless noted**

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**Indented**



---

**Raised**





## Union Pacific Type (07) Letter and Code Nails



The Union Pacific used Letter and Code nails, primarily Type (07) and most were two inches in length, like the switch tie length (foot) nails. There are a couple of exceptions. There are a square raised "L" and "V" that are Type (18) and some of the 7/40 or 3/16 code nails are 2 1/2 inches in length. At this time the meaning of the letter nails is unknown. Apparently, like some railroads that used the letters to indicate the type of wood or treatment, this is not the case for Union Pacific.

Arn Kriegh believes that code set #6, which is found in two varieties, was used to indicate the length of bridge pilings and used in combination. The set runs 0-10 and then 15, 20, 25,...to at least 40. The 10 may also be the same 10 used in Set #12 or Set #13 of the switch tie length collection. A 20 and 3 in combination, for example, would indicate a 23 foot piling.

### 2 x 1/4 rnd R GM stl (07)



### 2 1/2 x 7/40 rnd R stl (07)



### 2 1/2 x 3/16 rnd R gm stl (07)



### Code Set #6 - 2 x 1/4 rnd R GM stl (07) The Grippers are heavy and far apart



### Code Set #6 - 2 x 1/4 rnd R GM stl (07) The Grippers are lighter and close together



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**Code Set #15 – 2 ½ x ¼ rnd R GM stl (07):**



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**Code Sets #31-32 – 2 ½ x 7/40 rnd R gm stl (07)**



Note: These two sets have been combined as they are basically the same set with variations in the found nails.

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**Code Set #10 – 2 ½ x ¼ rnd R stl (07)**



Note: This set is attributed to two utilities and several railroads. It has also been found associated with the Union Pacific. Those nails are shown above -

**MAY OR MAY NOT BE UP**



## Union Pacific Switch Nails (07)



Ties used at switches are longer than normal, and come in lengths which increase as the rails fork away from each other. To ensure that the trackman place the different length ties in the appropriate order, switch nails were driven into the ends of the ties at the saw mill. They tell the length of the tie, in six-inch increments. Many collectors call them "Foot Nails."

Only the Union Pacific and Southern Wood Piedmont (a treating company) used these nails. The SWP nails are Type (19). The standard tie on the UP was 8 feet long, so their over length ties begin with 8 feet 6 inches. All nails are 2 x 1/4 rnd R stl (07). Heavy Gripper Marks (GM's) are found on the shanks of the nails from Set 5-13.

---

**Set #1** No GM's. 7th anchor broken, numerals smaller than Set #2




---

**Set #2** No GM's. Heavy anchor markings




---

**Set #3** No GM's. Usually 4 or 5 fine anchor marks



**Set #4** No GM's. Very small numerals



**Set #5** GM's. "FT"



**Set #6** GM's. Very triangular foot and inch marks – no diamond on the shanks



---

**Set #6** (Continued)



---

**Set #7** GM's. Large numerals



---

**Set #8** GM's. Small numerals





**Set #9** GM's. Includes the  $\frac{1}{2}$  with foot mark.



**Set #10** GM's. Narrow 6.



**Set #11** GM's. Wide 6. Found in Utah



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**Set #12** GM's.




---

**Set #13** GM's




---

**Set #14** GM's. Miscellaneous



Like Set #6

Like Set #8

Like Set #13

Like Set #8

Like Set #9



## Buffalo, Rochester & Pittsburgh Type (07) Letter Nails



The Buffalo, Rochester & Pittsburgh railway used a lot of letter nails of various types. The nails are accompanied with date nails and indicate the species of timber used for the tie. In some cases the letter nails are found on the opposite side of the tie than the date nail. The date being on top and the letter being on the bottom, indicating the letters may have been put into the tie at the treatment plant while the date nail was applied as the tie was placed into service. Again, the nails shown below are only the Type (07) letter nails used by the BR&P.

### 2 1/2 x 1/4 rnd l stl (07)



A#3      B#2      B#3      BO#12      BO#13      BR#16      C#2



C#3      CY#11      CY#12      E#3      G#8      H#3      H#4



M#3      M#4      P#3      PO#7      PO#8      RO#4



S#11      WO#3      X#2      X#3

### OTHER VARIATIONS:







## Chicago, Burlington & Quincy Type (07) Letter Nails



The Chicago, Burlington & Quincy Railroad (CB&Q), like several other railroads, used letter nails to indicate the type of wood used for their ties. The key to these letter can be found on page 143 of Jeff Oaks' Vol. I. The raised ZA nails on the other hand were a treatment nail indicating Zinc Arsenic treatment of the tie.

### 2 1/2 x 1/4 rnd l stl (07)



### 2 1/2 x 1/4 rnd R stl (07)



### Code Set #20 - 2 1/2 x 1/4 rnd l stl (07)

This set also used by the Milwaukee Road





## Great Northern Letter/Date Nails

The letter indicates the species. "F"=Fir, "P"=Pine, "S"= Spruce, "T"=Tamarack. The "L" species may be Larch or possibly for Lowry treatment. The number indicates the year of treatment. These were driven into the ends of the ties before treatment. The T10 also comes with gripper marks. It is a hybrid, and has been found on both the Great Northern and the Santa Fe. The F6 has also been found on the St. Louis, Rocky Mountain & Pacific.

2 1/2 x 1/4 rnd l stl (07)



New Finds and Variations:



Die plug on "F"





## Louisville & Nashville Type (07) Letter Nails - Code Nails



Probably sometime in the early 1920's the LN began to number their sidings with code nails. First used was the 2 1/2" rnd R (07) Set #16. There is a variation in the 2 in this set. When a new siding was added between say numbers 4 and 75, it would be numbered 74A. F is the highest letter known used for this purpose. If siding 74 had two switches, a 7 and a 4 would be driven at both of the switches. Generally, large yards were not numbered.

Probably in the thirties, another batch was ordered for new and replaced switch ties. These were the 2" type (07) nails with letters A, B and one known C. Oddly, the 1, 3, and B are type (19). Both types however, are made by U.S. Steel, so this may explain the two shank markings. Also, there is a type 19 "L" in this set. This nail is used as a 7, but that raises an interesting question. Could the L&N letters be found up to the letter L, or was the L supposed to have been manufactured as a 7? Some nails from the first set are found with this set for two reasons. When the switch tie with the code nails is replaced, often if one or more nails are in good shape, they are pulled and re-driven into the new tie. Because of this, and the age of the 2 1/2" nails, many are battered and rusted beyond collectability. The second reason is that some numbers of the first set were still in supply when the second set was ordered. (Dave Parmalee -NN article Jan/Feb 1979)

### Code Set#3 2 x 1/4 rnd R



### Code Set#16 2 1/2 x 1/4 rnd R



### 2 1/2 x 1/4 rnd R stl (07)

### Letter Nails

### 2 1/2 x 1/4 rnd R stl (07)







## The Milwaukee Road Letter / Date Nails

All are 2 x 9/40 rnd l stl (07) with two exceptions. The R08 is 2 1/4 x 5/16, and the Z-28 is 2 1/2 x 1/4 rnd R. The letter indicates treatment while the number is the date. The "R" stands for Rueping treatment. The "Z" stands for Zinc chloride. The meanings of "A" and "X" are unknown. A Z10 was found on the NYNH&H by John Iacovino. It is probably the result of keg mix-up and was intended for the Milwaukee Road, although only the one been reported to this point.

a nail  
example has



**Code Set #20 – 2 1/2 x 1/4 rnd l stl (07)** - Also used by the Chicago, Burlington & Quincy





## -Missouri Pacific Letter Nails-



The letter nails were used to nail fire caps to trestles. They seem to have been only used as fasteners, and are identical to Soo Line nails.

**2 1/2 x 1/4 rnd R stl (07)**



B#3

C#7

M#1

R#1

W#2

Y#1



## -Soo Lines Letter Nails-



Originally known as the Minneapolis, St. Paul & Ste. It officially became the Soo line in January of 1961. As noted above, they used many of the same nails as the Missouri Pacific.

**2 1/2 x 1/4 rnd R stl (07)**



ABR#6

B#3

E#2

H#2

M#1

R#1

Y#1

## Central RR of New Jersey Letter Nails

These nails are foundation the ends of the ties and at most one nail is found in a mile or two of track. They are rare. The letters stand for the class of species of wood and the number is a code for the dimensions of a cross section of the tie. Group TA included Ash, Hickory, Honey Locust and Red Oak. Group TC included Beech, Birch, Cherry, Gum and Hard Maples.



**1 x 1/4 rnd l stl (07)**



2/TA

2/TC

3/TA

4/TC



## Prescott & Northwestern K Nails                      Type (07)



These nails were found in the ties of the Prescott & Northwestern Railroad. The K44 has also been found in ties of the Fonda, Johnstown & Gloversville. These K44's were found in ties originally used in the early teens. The railroad bought the ties second hand and drove the nails themselves (in 1944). One two inch K41 was found in a Maine Central tie. The number represents the date. For a long time there has been speculation that these were treatment nails used by Koppers, Inc. I think that has been substantiated by Scott Weed (TDNCA #1405) when a friend of his was given a K72 nail recently. The nail was more like a "tack" but the K72 had the same appearance as the earlier full sized nails.

The K42 and K43 were also used, but not included here as they were a Type (06) nail.



**TYPE (07) K NAILS - PRESCOTT & NORTHWESTERN**  
**40, 41 (2") 44, 45, 47 (2 1/2")**



## Pennsylvania Railroad Letter and code nails (Type (07))



R 09 (Red Oak) 1 3/4 x 5/16 rd l stl (07)



2 1/2 x 1/4 rd l stl (07)



E #6



X#5





## Santa Fe Type (07) Letter Nails



The Santa Fe Railroad used several letter nails but unlike most railroads the letters indicate a type of treatment and not the type of wood used for the ties. The letters indicate the following:

OZ: Oil-Zinc treated   ST: Steam Treatment   X: Special or Sub-Standard Ties   ZM: Zinc Chloride Treatment

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### 2 1/2 x 1/4 rnd l stl (07)



---

### 2 1/2 x 1/4 rnd R stl (07)



---

### 2 1/2 x 1/4 sqr l stl (07)



=====

## St. Louis, Rocky Mountain & Pacific Railroad Type (07) letter/date nails

Pulled by Arn Kriegh and family in NM, he thinks the letter indicates the type of wood for the ties and the number the date (Birch, Fir and Oak). This short railroad, known as the "Swastika Line" because of its swastika herald was taken over by the Santa Fe in 1913.





## Southern Pacific Letter Nails

The letters "A" through "J" "may have been used to indicate the year from 1901-1909." Charles Sebesta found the following nails just west of Sanderson, TX: E, F, G, H, 11, 12, 13, 14. Charles found 09's about 25-30 miles east of Sanderson. He wrote "Based on the location of the nails in the tie (same for numbers & letters), I am convinced that the letters represented a year, however, I'm not sure. . . as to the years they stood for. However, I am willing to offer this: the "J" found further west represented either 1908 (the last year letter nails were used) or 1909 when S.P. used

both the "J" and the 09. The "A" could then be 1900 or 1901. - Just a qualified guess at any rate."

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**2 1/2 x 1/4 rnd l stl (07)**




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## Southern Pacific Code Nails

### Set #9

2 1/2 x 9/40 rnd R (07)  
(Bridge Timbers)



### Set #26

2 1/2 x 1/4 rnd l (07)





## U.S. Forest Service Marker Nails Type (07)



The shank on the first U.S. of these nails is "ds" diamond shank, or turned 45° with respect to the head and the two dated nails are true diamonds. The second U.S. is a square shank relative to the head.

The story presented is: A Forest Service employee would drive the nail into a tree that had been approved to be cut. The lumber company, after cutting the tree, would remove the nail from the trunk and drive it into the stump. The Forest Service inspector could then look at the stump to verify that permission had been given to cut the tree." (DNC, 160)

This explanation always bothered me as I could picture a lumber jack pulling the nail, cutting a better tree and using that nail in that stump. But perhaps things were more honest and above board back then?

I believe most of these nails were found in the Wyoming/Colorado area of the U.S.? Many were pulled by Arn Kriegh

**2 1/2 x 1/4 sqr l ds stl (07)**



This nail has a slightly  
thinner shank

**2 1/2 x 1/4 sqr l stl (07)**



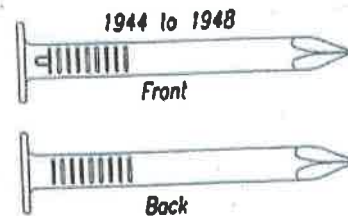
**2 x 1/4 dia l stl (07)**





# Type (08)

American Steel & Wire Co., Donora works.  
This mark is the direct predecessor of the double dash mark of type (07).



**2 1/2 X 1/4 rnd l stl (08)**



**2 1/2 x 1/4 sqr l stl (08)**



**2 x 1/4 sqr l stl (08)**



**2 1/2 x 1/4 rnd R stl (08)**



**2 1/2 x 1/4 sqr R stl (08)**



**2 1/2 x 1/4  
sqr l irr stl**



**2 1/2 x 1/4 irr R ss stl (08)**



**2 1/2 x 1/4 irr R  
set on diamond**



**2 x 1/4 irr l  
set on dis.**



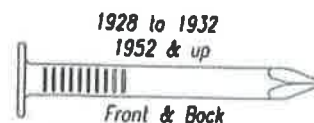
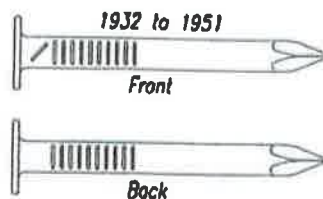
**2 1/2 x 1/4  
rnd l**



Note: The 1949 2 1/2 x 1/4 irr R is set on a diamond shank. It does not have the upside down "U" marking of a Type (08) or the diamond marking of a Type (07). But it does have identical anchor shank markings of the 1948 shown. The 48 is set on a square shank. The 47 2 x 1/4 irr is set on a diamond shank. It also has the "U". (McClellan's nails)

# Type (09)

Keystone Steel & Wire Co.



## 2 1/2 X 1/4 rnd l stl (09)



## 2 1/2 x 1/4 rnd R stl (09)





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**2 ½ x ¼ rnd R stl (09) (continued)**





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**1 ½ x ¼ rnd R stl (09)**



---

**2 ½ x 1/5 rnd R gm stl (06)**



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**1 ½ x 1/5 rnd R stl (09)**



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**Odd size nails and misc.**



1 3/4 SHANK

**Note: As of now, I believe the 1936 (09) gm 2 ½ x 1/5 rnd R listed but not shown as Ver (secondhand) may be a Type (18B) and misreported. Anyone having a Type (09) is asked to contact me @: [rolland@rollandmeyers.com](mailto:rolland@rollandmeyers.com) (Thanks)**

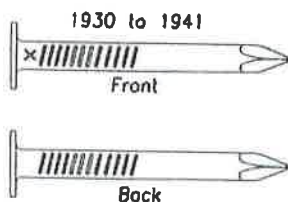
TYPE (09) ILL. CENTRAL GULF - 2 1/2 X 1/4 RR STL.



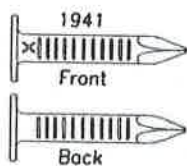


# Type (10)

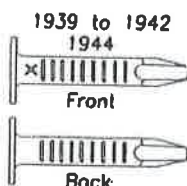
Igoe Brothers, Inc.(?), Newark, NJ.



Slanted Anchors



Straight Anchors



Other companies used an "x" on their shanks. Youngstown Sheet & Tube Co. is another candidate for some of these nails. Based on both the number and shank styles, the 36-44 were made by a different company than the other nails. Also, some nails classified as type (21) were made by the same plant as the (10) 28-34. Both type (10) and (21) need reorganization.

2 1/2 x 1/4 17 36-44

The 2 1/2 x 3/16 nails that were included in the Type (10) section are not Type (10) and are now classified as Type (15)

## 2 1/2 x 1/4 rnd l stl (10)



## 1 1/2 x 1/4 rnd R stl (10)



## 2 1/2 x 1/4 rnd R stl (10)



## 1 1/2 X 1/4 rnd R cp stl (10)



## 2 1/4 X 9/32 sqr R stl (10)



Set on diamond

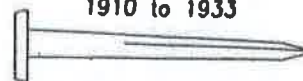


# Type (11)

American Casting & Manufacturing Corp., Brooklyn, NY.

Malleable Iron - No marks

1910 to 1933



These nails are made of malleable iron. The heads are cast and are welded to the shanks. The shanks are tapered, and the diameters vary greatly near the head. I have assigned all 2 1/2" nails the nominal diameter 1/4", and the other nails, from 1" up to 2", the diameter 3/16". Though shorter nails do have thinner shanks, it is the length which matters for type (11) nails.

The rnd R nails come in different lengths, with identical heads. Lengths are given below the photos for these.

2 1/2 X 1/4 rnd l ml (11)



1 3/4 x 1/4 rnd l ml (11)  
("stubby" sized nail)



2 1/2 x 1/4 rnd l gm ml (11)



2 x 3/16 rnd l ml (11)



1 1/4 x 3/16 rnd l ml (11)



2 1/2 x 1/4 rnd R ml (11) (Other lengths exist for various dates - from 1 to 2 1/2")



(continued)

**2 1/2 x 1/4 rnd R ml (11) - continued (Other lengths exist for various dates)**



**2 X 3/16 sqr l rs ml (11)**



**"All have the standard 2 1/2" long shank. The 26 thru 31 used by the Nashville, Chatanooga & St. Louis have a 2" shank and some, such as the 17 used by the Toronto, Hamilton & Buffalo have a thin shank." (DNC)**

**2 1/2 x 1/4 Square R rs ml (11)**



**2 1/2 x 1/4 Tri R rs ml (11)**



**2 1/2 x 1/4 Bowtie R rs ml (11)**



**2 1/2 x 1/4 Cross R rs ml (11)**



**2 1/2 x 1/4 Octagon R rs ml (11)**



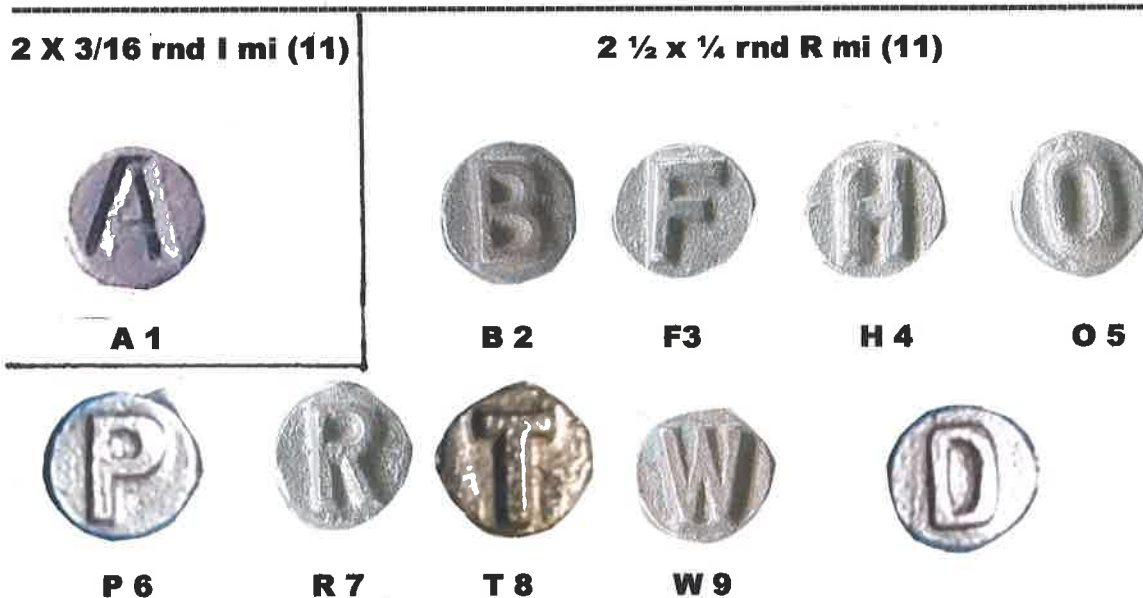
**2 1/2 x 1/4 Tombstone R rs ml (11)**



## ~Type (11) Letter and Code Nails~

Malleable Iron. All are  $2\frac{1}{2} \times \frac{1}{4}$  rnd R mi (11) except the "A", which is  $2 \times \frac{3}{16}$  rnd I mi (11). For the Reading RR the code nails were driven two to a tie in test sections in Pennsylvania and Tuckahoe, NJ (on the Atlantic City RR) 1920-1925. The T was found on the Atlantic City, and the W was not found in Tuckahoe. There exists a (11) D, which may be a Reading nail. Also, there may only be one T known.

Two A's were found in by Herman Steury in a track at the Danville, IL shops, along with one each of the (06) 44 and 45. This was on the Chicago & Eastern Illinois RR.



1. Chicago & Eastern Illinois.

2-8 Reading RR. The "O" is identical to the "O" (zero) used by the B&M

9. Baltimore & Ohio.

**Code Nails:** Code Set #18 comes in both thick and thin shanks with identical heads. The thin shanks are about twice as scarce as the thick ones. Both were used to number ties in a test section on the Boston & Maine RR in North Conroy, NH. The thick shank was also used by they Baltimore & Ohio RR in test sections.

**$2\frac{1}{2} \times \frac{1}{4}$  rnd R mi (11) and  $2 \times \frac{3}{16}$  rnd R mi (11)**





# Type (12)

Columbia-Geneva Steel Division  
of U.S. Steel.(?)

**TYPE (12)**  
**1958 AND 1959**  
**ALSO McCloud RR 1960**



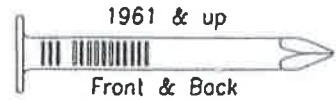
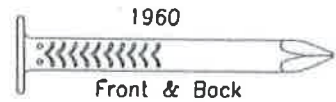
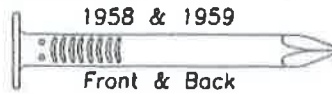
**TYPE (12) - 1960**



**TYPE (12)**  
**1961 AND UP**



**TYPE (12) - SQUARE**  
**1964 AND 1965**  
**FRONT AND BACK**



## 2 1/2 x 1/4 rnd I stl (12)



## 2 1/2 x 1/4 rnd R stl (12)



**2 ½ x ¼ sqr R stl (12)**



**2 ½ x ¼ rnd I stl (12) (Code)**



**1 ½ x ¼ rnd R cop (12) Code Set #39**

Southern California Edison. The copper L, R and S are considered to be part of this set. There are actually two sets of these nails, one the standard Type (12), the other with straight anchors and no mark.



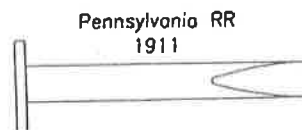
**2 ½ x ¼ rnd I stl (12) Height Nails**

The books show three Sets of (12) Height Nails. Since then many more have been found with numbers that do not fit the pattern. So I have eliminated the Set Classification and just grouped the known Height Nails below.



## Type (13)

John Milliken & Co., Belfast, Ireland.



This company made the cast nails found in England, Belgium, and New Zealand. Wiswell and Evans classified the thick Pennsylvania 11 as type (13). I think that they were wrong, but I have no suggestions as to who really made the nail.

2 1/2 x 5/16 rnd I cp mi (13)



I believe that the 1911 nail shown above, listed as a Type (13) is not from the same manufacturer as the Letter/Date nails used by the Pennsylvania RR - also listed as a Type (13) and shown below. It may be possible that the nails below were actually made by American Casting and Manufacturing Corp. of Brooklyn, NY, classified as Type (11)? I also agree that John Milliken probably did not make the 1911 shown above. They did make the cast nails used in New Zealand and England, but this 1911 has a totally different look than those nails.

### 2 x 3/16 rnd I mi (13) - Pennsylvania Railroad

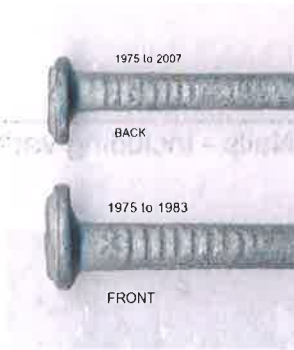


The letter indicates the type of wood used for the ties. "R"= Red Oak, "H"=Hickory, "G"=Gum, and "P"=Pine. The number is the year of treatment.



## Type (15)

Some of these nails were previously listed as being Type (10) - They are all from the same manufacturer.



1975-1983 Front & Back

1983 to Present Front & Back

2 1/2 x 3/16 rnd R stl (15)



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2 1/2 X 3/16 rnd R stl (15) Height Nails - Including variation and marks showing nails made prior to 1984.



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2 1/2 x 3/16 rnd R stl (15) Code Nails



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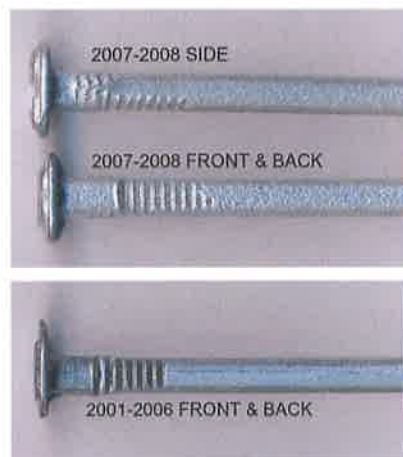
2 1/2 x 3/16 rnd R stl (15) specialty nail (used by Pacific Gas & Electric Co. to indicate a Privately owned utility pole.





## Type (16)

The 2001 and 2002 exist but I have been unable to locate any. The 2003 has a heavy coat of galvanizing. The 2004-06 are from a process where the galvanizing (zinc powder) is mixed with the steel and almost looks un-galvanized. 2007-08 have outer coat of galvanizing. 2008 was last year made.



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2 1/2 x 3/16 rnd R stl (16)

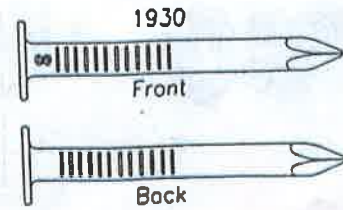
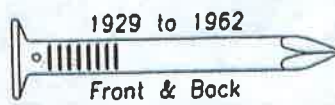




# Type (17)

Sheffield Steel Corp.

Note that the heads are slightly cup-shaped, which helps in identifying nails of this type.



It should be noted that the Type (17) nails have a proclivity to odd shank lengths, especially in the 40's. These should best be treated as factory error variations rather than intentional length differences.



**2 1/2 X 1/4 rnd R stl (17)**



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**2 ½ x ¼ rnd R stl (17) (continued)**



---

**2 x ¼ rnd R stl (17)**





---

**2 ½ x ¼ rnd R stl (17) (continued)**



---

**2 x ¼ rnd R stl (17)**





**1 3/4 x 1/4  
rnd R stl**



**1 1/2 x 1/4  
rnd R stl**



SEE ADDITIONS  
ON LAST PAGE

**1 x 1/4 rnd R stl stl (17)**



**1 1/8 x 3/16  
rnd R stl (17)**



Carney/Pentrex  
Nails

**2 1/2 x 1/4 sqr R stl (17)**



**2 1/2 x 1/4 sqr R ss stl (17)**



Cotton Belt Santa Fe

**2 1/2 X 1/4 pnt R rs stl (17)**



## Type (17) Letter Nails, Notes and additions of unreported nails



AY #9  
2 X 1/4 md R



D #3  
1 1/4 & 2 1/2 " md L



SW #2  
2 X 1/4 md R



X #5  
2 1/2 X 1/4 md R



X #6  
2 1/2 x 1/4 md R



1936 (17)  
1 1/2 X 1/4 md R



1938 (17)  
1 1/2 x 1/4 md R



1931:b and variety of it



1950 (?) 4 X 13/32 md R stl  
(17) - Use and User Unknown



## Type (18)

Colorado Fuel & Iron Corp., Pueblo, Co.

See also types (18A), (18B) and (18C). This is the only company whose WESIS numbers were broken up, based on different shank markings, into A, B, etc. by Wiswell and Evans. Square nails are not normally easy to place as (18A,B, or C). so they are just labeled (18).

1 x 1/8+ rnd l hs gm stl. (18)  
Trona Rwy (CA)



2 1/2 x 1/4 dia. l stl (18)



2 1/2 x 1/4 sqr l stl (18)



TYPE (18) - SQUARES (VARIATIONS)



There are questions about the 66 square indents. One has a diamond point, one a spear point indicating they may be a Type (05) nail. With many years between the 66 and the last square indent made by CF&I these 66's raise questions.

2 x 1/4 sqr R stl (18)



45

1 3/4 x 1/4 sqr R stl (18)





---

2 1/2 x 1/4 sq R std (18)



## Type (18A)

Colorado Fuel & Iron Corp. Pueblo, CO

This mark was used to 1934

2 ½ x ¼ md I stl (18A)



2 x ¼ md I stl (18A)



1 ¾ x 11/40 md R stl (18A)



2 ½ x ¼ md R stl (18A)



2 x ¼ md R stl (18A)



2 ½ x 1/8+ md R gm stl (18A)





# Type (18B)

Colorado Fuel & Iron Corp., Pueblo, CO.



This mark was used mainly to 1936 (there is a 39), probably at different works from the type (18A) nails

2 1/2 x 1/4 rnd l stl (18B)



2 x 1/4 rnd l stl (18B)



1 3/4 x 11/40 rnd R stl (18B)



2 1/2 x 1/4 pnt R (18B)



2 1/2 x 1/4 rnd R stl (18B)

The 21:a and 22 were not made by Colorado Fuel & Iron.





2 x 1/4 md R (18B)



2 1/2 x 1/5 md R gm stl (18B)



1 3/4 x 1/4 rnd R (18B)



2 1/2 x 3/16 md R gm stl (18B)



2 1/2 x 1/8+ md R stl (18B)



2 1/2 x 1/8 rnd R (no gm)



2 1/2 x 1/8+ md R gm stl (18B)



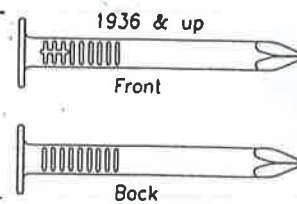
2 x 1/8+ gm md R stl (18B) (So. Pac)



## Type (18C)

Colorado Fuel & Iron Corp., Pueblo, CO.

This mark was used beginning 1936



2 1/2 x 1/4 rnd l stl (18C)



2 x 1/4 rnd l stl (18C)



2 1/2 x 1/4 rnd R stl (18C)





2 1/2 x 1/4 rnd R stl (18C)



2 x 1/4 rnd R stl (18C)



1 3/4 x 1/4 rnd R stl (18C)



2 1/2 x 1/5 rnd R stl (18C)



2 1/2 x 3/16 rnd R stl (18C)



2 1/2 x 3/16 rnd R gm stl (18C)



1 1/2 x 3/16 rnd R stl (18C)



2 1/2 x 1/8+ rnd R stl (18C)



TYPE (18C) - VARIATIONS



2 1/2 x 3/16 rnd R stl  
(No gm's/Colo. Highway Dept.)



2 x 3/16 rnd R stl (18C)  
(gm's ??)





2 1/2 x 1/4 pnt R rs stl (18C)




---

2 1/2 x 1/4 rnd I Sequential Nails (18C)

Probably made in late 30's or early 40's in sequence from 1 through ?? -

Also possibly used for date and height nails in 45/50/55/60/70



16 and 17 ri




---

2 1/2 x 1/4 rnd I Hand Stamped Misc. (18C)



# Type (18) Single Digit Code Nails

---

Set #12     $2\frac{1}{2} \times \frac{1}{4}$  rnd R std. (18B) West Texas Utilities



Set #13     $2\frac{1}{2} \times \frac{1}{4}$  rnd R std. (18C) West Texas Utilities



CODE SET #13 (18C)  $2\frac{1}{2} \times \frac{1}{4}$  RR, STL.



Set #23     $2\frac{1}{2} \times \frac{1}{4}$  rnd I std. (18B) Los Angeles Gas & Electric Co.



**Set #24**     $2\frac{1}{2} \times \frac{1}{4}$  rnd I stl, (18C) Los Angeles Gas & Electric Co.



**Set #30**     $2 \times \frac{3}{16}$  rnd R stl, (18C) Altantic Coast Line Railroad



**Set #33**     $2\frac{1}{2} \times \frac{1}{4}$  sqr R stl, (18) Utah Power & Light





Set #35 2 ½ x ¼ sq R stl, (18) Utah Power & Light



Set #47 2 x ¼ rnd I stl, (18C) Phelps Dodge Corp.



Misc. 7/8 x 1/8+ rnd I stl, ( ) 2 x ¼ rnd I stl (18B) (18C)



5 (Unkwn) 8 and 9 Trona Rwy



1 (18B)



1 (18C)

Set #49 2 ½ x ¼ rnd R stl (18B) - Montana Power Co., Used in poles.

0



Same as Set #13 2 ½ x ¼ rnd R stl (18C) - Montana Power Co. Used in poles.



## Type (18) Pole Height Nails

2 ½ x ¼ rnd I std. (18B)



2 ½ x ¼ rnd I std. (18C)

There is a question if some of these height nails were part of the sequential group of nails and used after 1936 as both height and in some cases date nails?



## Type (18) Letter Nails: (All 2 ½ x ¼ rnd I except noted)



G (18A) (G (18B) G (18B) G (18C) M(18C)  
(All G's & M from Los Angeles Gas & Elect)



S (18C) S (18C) S (18C) S (18B) S (18C)  
(All Salvage Pole- Southern California Edison  
#6 #7 #8 #9 #10

T (18B)  
(Unkwn)

## Type (18) Letter Nails: (All 2 1/2 x 1/4 rnd R - except noted)



A (18B) #7  
Montana Pwr.



B (18C) #4  
1 1/2" Unkwn.



CPS (18B) #11  
Both Colorado Public Service



CPS (18C) #11  
Both Colorado Public Service



R (18C) #5  
CTA & RI



ST (18C) #3  
Santa Fe



X (18A) #7  
All Substandard Tie for Santa Fe RR



X (18B) #8



X (18C) #9



ZM (18B) #1  
Santa Fe

2 x 1/4 sqr R stl. (18)



L #2 V #7  
(Both Union Pac. RR)

2 1/2 x 1/4 sqr R stl. (18)



### Misc. Odd Type (18) Nails



1947 2 x 1/4 rnd R, stl. with shank markings of an (18A) and (18C) combined.



70" Height Nail. Hand stamped 2 1/2 x 1/4 sqi Very odd shank markings of an (18C) on a sq. nail - and a spear point??



1949 (18C) 2 1/2 x 1/5 rnd R, stl (18C) mark on both sides of the shank.





## Type (18) Project

For the last several months I have been trying to re-do the pages in Jeff Oaks' books regarding the Type (18) nails. Since his last edition was offered there have been several previously unreported nails found. There have also been better scans available of known nails then there were when his last edition was printed. At the time Jeff's volumes were "state of the art" as far as our hobby is concerned and I know we all thank him and appreciate his efforts. My personal copies have become "dog eared" and "protected" with a coat of creosote caused by the constant checking on nails and thumbing through them.

I would really like to thank Arnold Smith from Utah, who was a member of the TDNCA and is a "specialist" on those nails made by Colorado Fuel & Iron (Type 18), Charles Sebesta who you all know, and Skip Kilpatrick, TDNCA member #1147 from Beaumont, Texas. Without these three this project would never have happened. They were very forthcoming with information, scans and photos which allowed this up-grade to the existing pages to occur.

You will notice some changes from the pages in Jeff's book. I have tried to update the information and make it easier to find the nails you are looking for. For example you will see that the 2 1/2 x 1/8+ (eight penny) nails that had some shown on Page 45 (Vol.III) have now been moved into the 18 A, B or C categories.

The thing that has not been done yet is the cross-reference that I think we all have come to rely on. "Who used this nail?" That may come in the future. Until then you will have to rely on Jeff's Reverse Listings at the back of the Volume. I also would like to mention that Arnold Smith has a booklet available noting a lot of the nails not cited in Jeff's. That is because Arnold includes utilities that used these Type (18) nails. Jeff does list the utilities with regard to the Code Nails and some of the Letter Nails, but Arnold has a pretty good list of all the rest., He has said he may up-grade his booklet and make it available to members in the future., I look forward to that and will let everyone know when that happens.

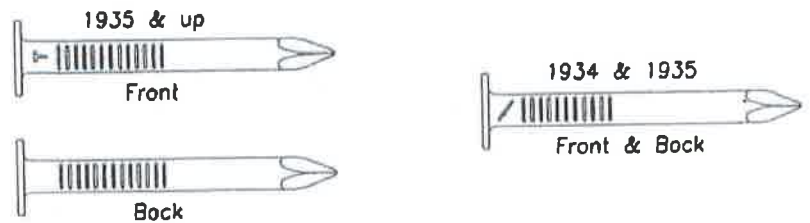
In the meantime here is the revision, up-grade or whatever term you want to apply to the existing Type (18) pages. I hope you find them useful. If anyone reading this article sees omissions or errors, I hope they will contact me directly so I can correct those. Other comments are also welcome.

Regards,  
Rolland Meyers <[rolland@rollandmeyers.com](mailto:rolland@rollandmeyers.com)> phone: 510 658 5221

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## Type (19)

Tennessee Coal Iron & Railroad Co., later the Tennessee Coal & Iron Division of U.S. Steel Co.,  
Fairfield, AL.



The "T" on the shank is short in comparison with type (14).

This company had a dual identity. They ran a tie treating plant built in 1909 in Birmingham, AL, and operated track in that vicinity. They also had the steel mill where they manufactured date nails.

---

2 1/2 x 1/4+ rnd R stl (19)



**This nail measures .262" in diameter.  
It is made from No. 2 gauge wire.**

---

2 1/2 x 1/4 rnd R stl (19)



---

2 ½ x ¼ rnd R stl (19) continued



---

2 X ¼ rnd R stl (19)





1 3/4 x 1/4 rnd R stl (19)



1 1/2 x 1/4 rnd R stl (19)



2 1/2 X 1/5 gm rnd R stl (19)



# Type (19) Code & Letter Nails

## Code Set #4

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**2 x ¼ rnd R stl (19)** – Used by the Louisville & Nashville RR to number switches



**Letter Nails** – All 2 ½ x ¼ rnd R unless noted.

---

B #2



L&N RR

CAS #10



2". L&N RR

L #1



2". L&N RR

R #3



Escambia  
Treatment Co.

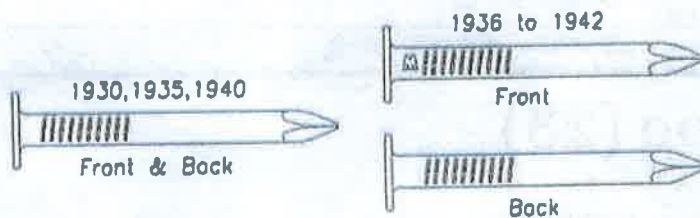
SWP



L&N RR  
So, Wood Prod (?)

# Type (21)

Wheeling Steel Corp.



Wheeling definitely made the nails with the sideways "W" on the shanks, but other nails are more connected with type (10). These two types need to be reorganized.

TYPE (21) 1936-1942



2 1/2 x 1/4 rnd I stl (21)



2 x 1/4 rnd R stl (21)



TYPE (21)  
1930, 1935, 1940



2 1/2 x 1/4 rnd R stl (21)



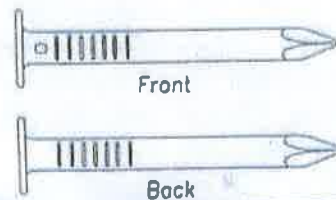
1 1/2 x 1/4 rnd R stl (21)



# Type (22)

Unknown company, but certainly a works of the American Steel & Wire Co.

The small square is sometimes faint.



TYPE (22)



2 1/2 X 1/4 rnd I stl (22)



2 1/2 x 1/4 rnd R stl (22)



2 1/2 x 1/4 sqr I stl (22)



2 1/2 x 1/4 sqr R stl (22)





# Type (23)

Unknown company.



**1 1/2 X 1/4  
rnd I stl (23)**



**2 1/2 x 1/4  
rnd R stl (23)**



**2 x 1/4  
rnd R stl (23)**



**1 1/2 x 1/4 rnd R stl (23)l**



**TYPE (23)**



# Type (22) (Continued)

2 1/2 x 1/4 rnd R stl (22) Code Height Set



## Type (23)

Unknown company.



1 1/2 X 1/4  
rnd I stl (23)



2 1/2 x 1/4  
rnd R stl (23)



2 x 1/4  
rnd R stl (23)



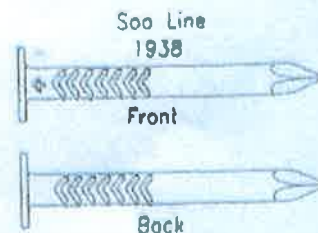
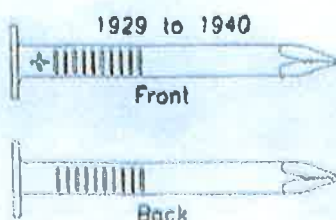
1 1/2 x 1/4 rnd R stl (23)I





# Type (24)

Bethlehem Steel Co.



There is a connection between this company and type (01)'s Townsend Co. Type (01) date nails end roughly the same time type (24) nails begin (1931), and the number styles are similar. Then there is the Soo Line 38, which has the marks of both companies on its shank.

In addition to the above comments, I believe there is also a connection between this company and type (05) - Jones and Laughlin Co. This is the only other known square nail with a spear point and the similar look to the 1940 nails to those made by Jones and Laughlin is unmistakable. (R.Meyers)

## 2 1/2 x 1/4 rnd R stl (24)



## 1 1/2 x 1/4 rnd R stl (24)



1938 (24) 2 1/2 x 1/4 RR., STL.  
SOO LINE - SHANK



2 1/2 x 1/4  
rnd R ss stl



2 x 1/4  
rnd R stl



1 1/2 x 1/4  
rnd R cp stl



2 1/2 x 1/5  
rnd R gm stl



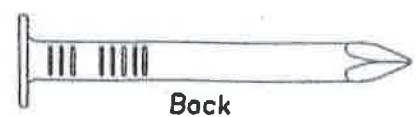
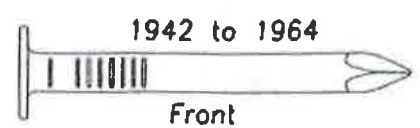
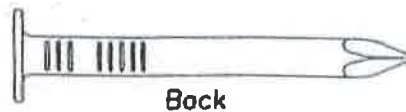
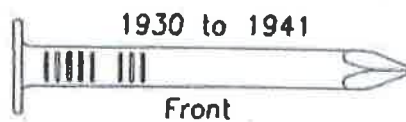
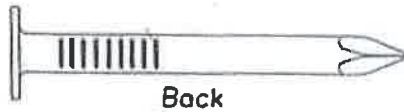
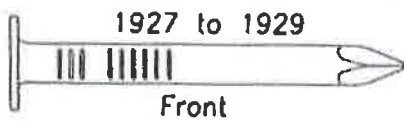
2 1/2 x 1/4  
sqr R stl





## Type (25)

Continental Steel Co.



TYPE (25) - BACK  
1927 TO 1929



TYPE (25) - FRONT  
1927 TO 1929



TYPE (25) - BACK  
1930 TO 1941



TYPE (25)  
1930 TO 1941



TYPE (25) - BACK  
1942 TO 1964



TYPE (25) - FRONT  
1942 TO 1964



TYPE (25) - SQUARE SHANK  
1941 RAISED IRREGULAR



2 1/2 X 1/4 rnd R stl (25)



**2 1/2 x 1/4 rnd R stl (25) continued**



**1 3/4 x 1/4 rnd R stl (25)**



**2 x 1/4 rnd R stl (25)**



**1 1/2 x 1/4 rnd R stl (25)**



**1 1/2 x 1/4 rnd R  
cp stl (25)**



**1 3/4 x 3/16 rnd R  
gm stl (25)**



**1 1/4 - 1 1/8 rnd R stl (25)  
x 3/16**

Note: The shanks of these nails vary in length. These nails were used by Carney Pentrex as a pole treatment nail and were un-galvanized.



**Letter Nails 2 1/2 x 1/4 rnd R stl (25)**



C #8 G#2 G#3 H#1 K#1



PW#5 V#1

FP #11  
Unknown

**2 1/2 x 1/4 irr R ss stl (25)**



Note: This nail listed as square shank. The examples I have seen are set on a diamond.

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**Code Set #14 2 ½ x ¼ rnd R stl (25)** Detroit Edison pole nails/Usually found with a letter nail



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**Notes and other Misc. Nails and Nails Not Reported**

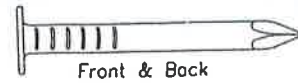


2 ½ x ¼ Rnd R stl  
(25) Detroit Edison



## Type (31)

Unknown Mexican company.



2 1/2 x 1/4 rnd R stl (31)

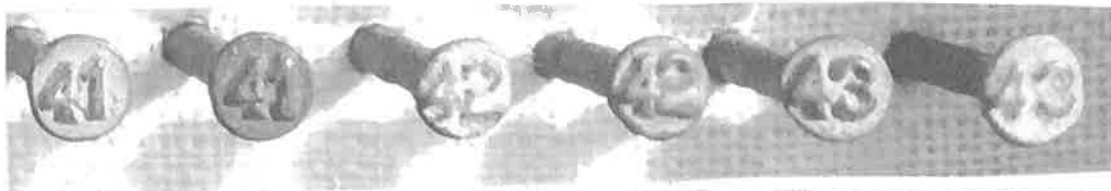


## Mexican Letter Nails - 2 1/2 x 1/4 rnd R stl (31)



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**Some of the Variations of the 2 ½ x ¼ rnd R stl (25) Nails:**



**Mexican Code Nails – 2 ½ x ¼ rnd R stl (31)**

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**Mexican Number/Letter Nails – 2 ½ x ¼ rnd R stl (31)** – These are not dates and their use is unknown at this time

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**Misc. Mexican Nails Not Previously Shown**

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## Type (32)

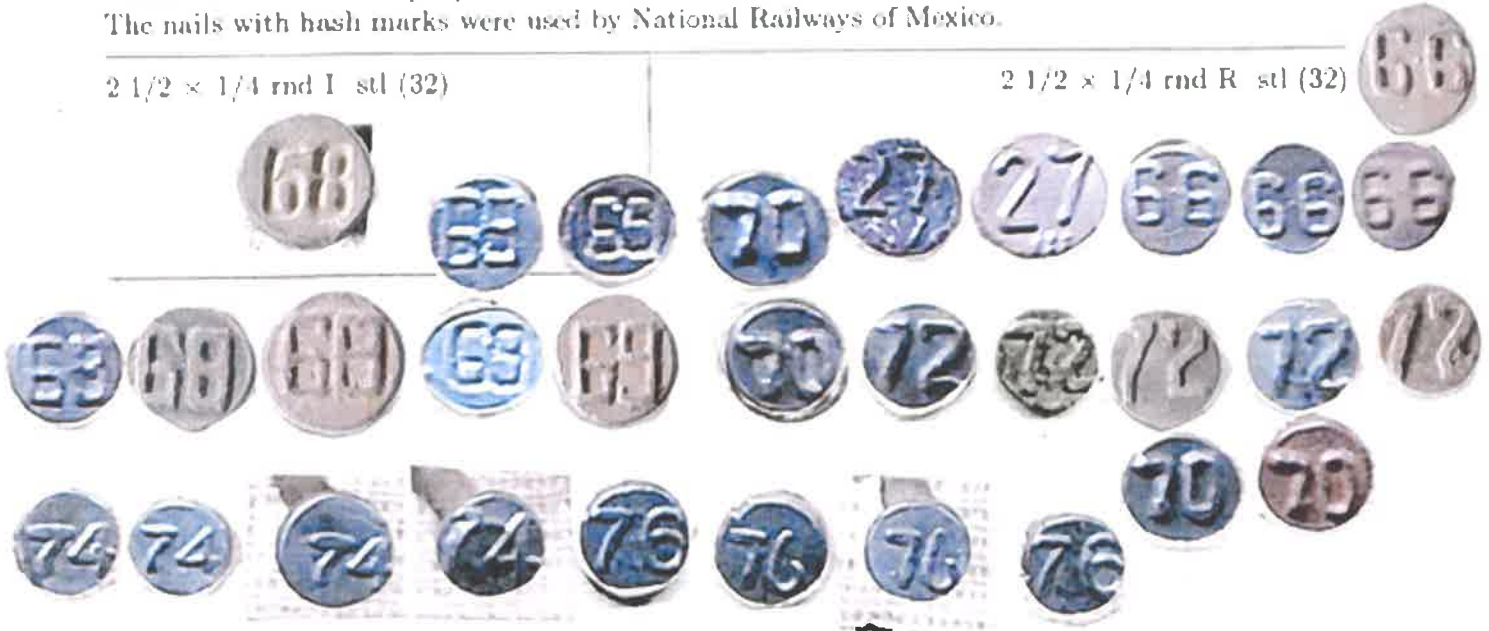
Unknown Mexican company.

The nails with hash marks were used by National Railways of Mexico.



2 1/2 x 1/4 rnd I stl (32)

2 1/2 x 1/4 rnd R stl (32)



1 1/2 x 1/4 rnd R stl (32)



2 1/2 x 1/4 rnd R stl (32)

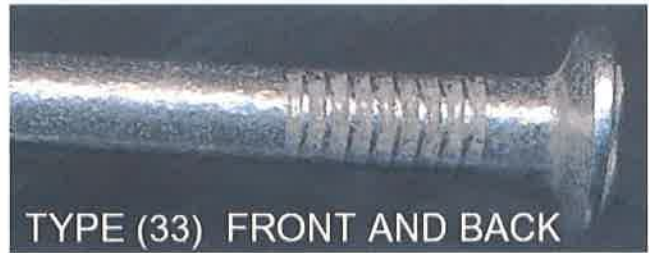
These are listed as Type ( ) but were used by So. Pacific/Mexico

Shanks vary from 2" to 2 1/2"



## Type (33)

The complete set of nails runs from 2007-2012. These nails were used by Pacific Gas & Electric Co. and possibly the Sacramento Municipal Utility District.



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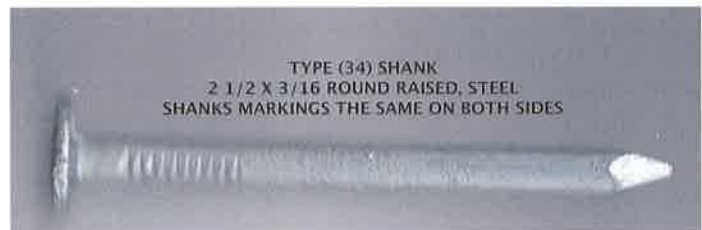
2 1/2 x 13/64 rnd R stl (33)



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## Type (34)

Shank markings the same on each side and the nails are "hot dipped" in Zinc -vs- the method used on Type (15) and (33) and some of the (34). The 2012-2014 are used by Pacific Gas & Electric Co. (CA)



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2 1/2 x 13/64 rnd R stl (34)



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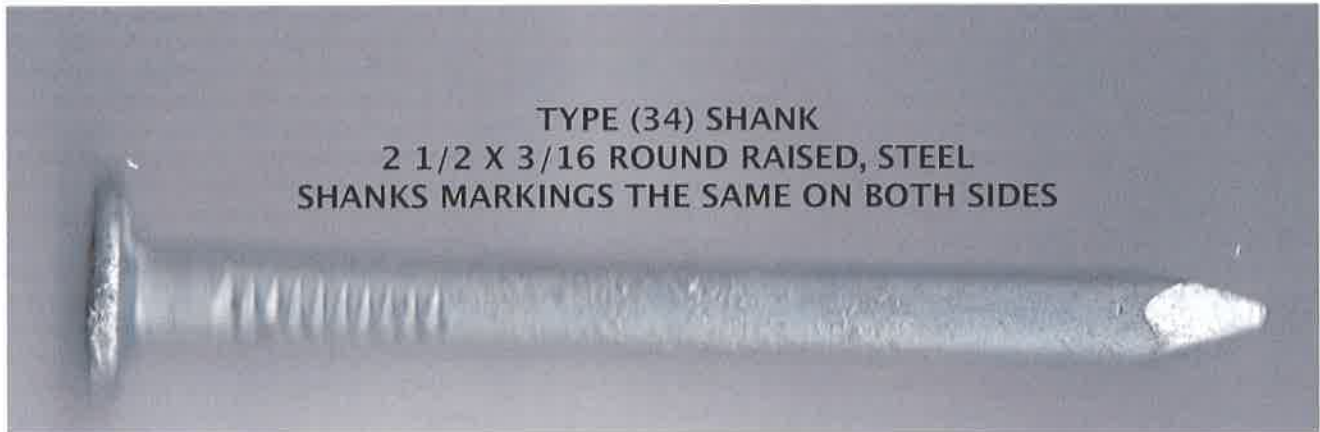
1 1/2 X 1/4+ rnd R stl (34)



This 2012 nail was made for and used by Chicago Transit Authority in their ties. It was originally applied at the MO tie plant (That is why it has the M). Later the nails were put into ties as the ties were used in Chicago.

## Type (34) 2 1/2 x 13/64 round raised, steel

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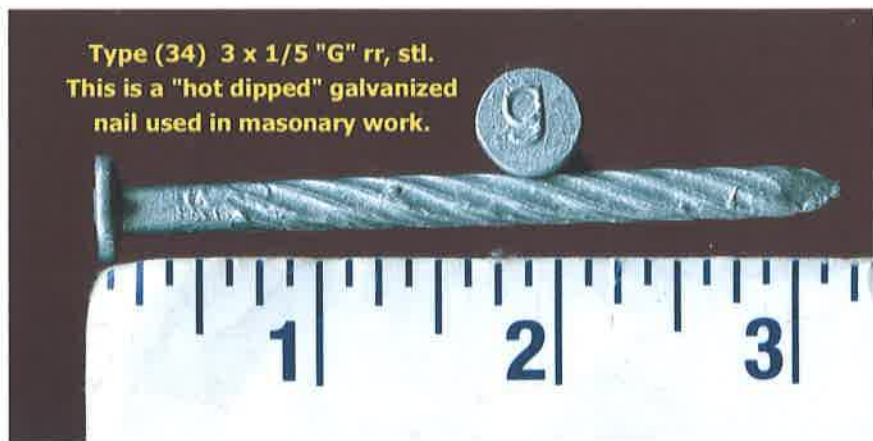
Shank is the same on both sides for 2012 and 2013. The scans say the width is 3/16. It is actually 13/64. These nails are “hot dipped” in Zinc –vs– the method used on Type (15) and (33) of using ball bearings and Zinc powder to “beat” a Zinc galvanized coating on the nail.



\* NOTE: The 2016 nail was manufactured by Type (34) un galvanized and sent to the Type (33) facility where it was tumbled in zinc powder and then annealed in an oven.



Letter "g" Hot Dipped in Zinc. This is a masonry nail (34) 3 x 1/5 rr, stl.



# Canadian Date and Code Nails

Rolland Meyers

## Type (37)

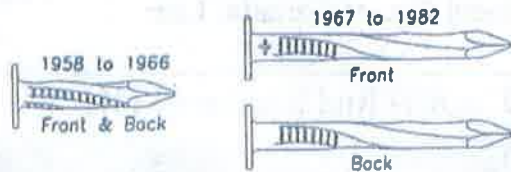
The Steel Company of Canada Ltd.

A box of these nails was labeled

"Stelco nails / Ardox, spiral."

Twisted square shank. Some nails after 67 do not have the "+" on the shank.

The Steel Company of Canada, Ltd.  
Twisted Shank



Some Nails Past 1967 Do Not Have The + Mark.

2 1/2 x 1/4 rnd R ts stl (37)



1 1/2 x 1/4 rnd R ts stl (37)



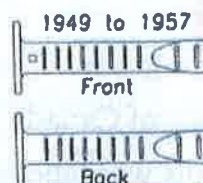
1 1/2 x 1/5 rnd R ts stl (37)



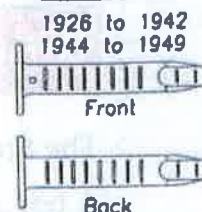
## Type 38

Probably made by The  
Steel Co. of Canada, Ltd.

### Round Shanks



### Oval Shanks



2 1/2 X 1/4 Rnd R os cp stl (38)

1 1/2 x 1/4 rnd R stl (38)



1 1/2 x 1/4 rnd R cp stl (38)



1 1/2 x 1/4 rnd R os cp stl (38)

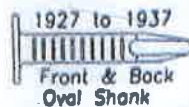




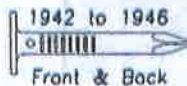
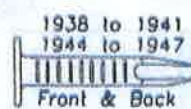
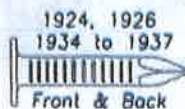
# Type (39)

Unknown Canadian Co.

## Oval Shanks

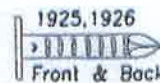
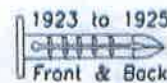


## Round Shanks



## Copper

TH&B RR



2 1/2 x 1/4 rnd I stl (39)



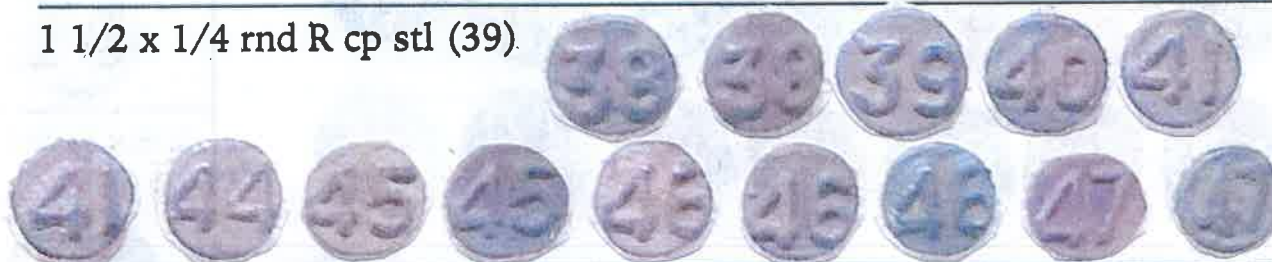
2 x 1/4 rnd I stl (39)



1 1/2 x 1/4 rnd R stl (39)



1 1/2 x 1/4 rnd R cp stl (39)



1 1/2 x 1/4 rnd R os cp stl (39)



1 ½ x 1/5 rnd R stl (39)



1 ¼ x ¼ rnd I cop (39)



1 ¼ x 3/16 rnd R cop



TH&B

1 ¼ x 3/16 rnd I cop (39)



Set #2 used by Hydro Electric Power Co. in poles.

2 ½ x ¼ rnd R os cp stl (39)



1 ½ x ¼ rnd R os cp stl (39)



1 ½ X ¼ rnd R cp stl (39)



1 ½ x ¼ rnd R stl (39)



1 x ¼ rr os cp, stl (39)



1 ½ x ¼ rnd R os cp stl (39) overstrike 42/1



1 ¾ x 1/4 rnd R os cp stl

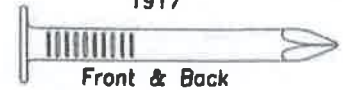




## Type (40)

Unknown company.

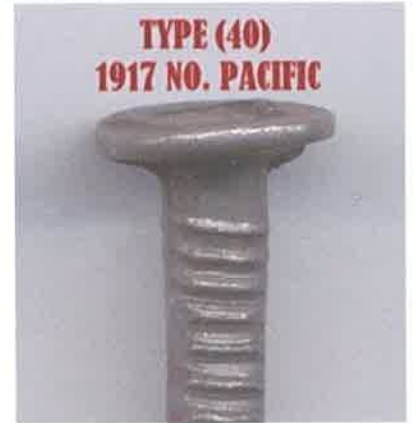
Northern Pacific  
1917



2 1/2 X 1/4 rnd l stl (40)



**TYPE (40)**  
**1917 NO. PACIFIC**



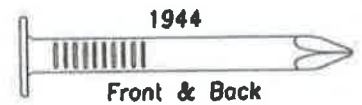
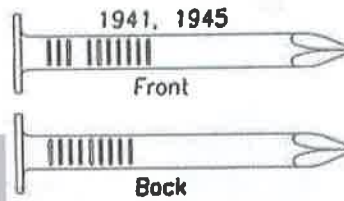
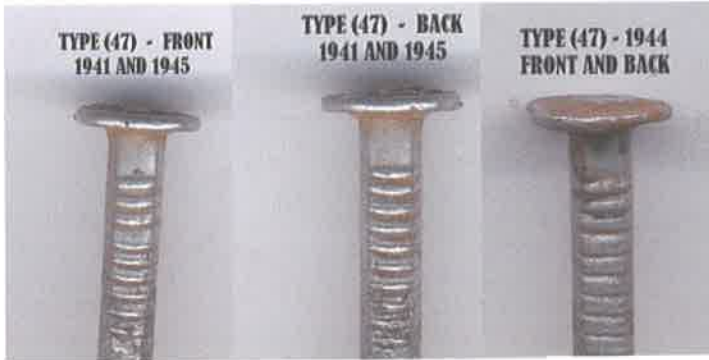
## Type (47)

American Steel & Wire Co.,  
Duluth Works.

TYPE (47) - FRONT  
1941 AND 1945

TYPE (47) - BACK  
1941 AND 1945

TYPE (47) - 1944  
FRONT AND BACK



2 1/2 x 1/4 rnd R stl (47)





## **~Nails Made From Non-Ferrous Materials~**

These nails that are currently included in Type (60) to Type (69) have always bothered me. Most of them are listed as manufacturing company "Unknown", and from my own personal experience some of those nails attributed to C.G. Hussey & Co. and John Hassall, Inc., are known not to have been made by them.

Several years ago I received a small box of nails from Clendenin Brothers from the locker of an employee who was retiring and had no use for the nails. They were all manufactured by Clendenin Brothers during the time this employee was working there, and included nails that are listed as being Hassall or Hussey nails.

Since the true manufacturer of most of these aluminum and copper nails may never be known with any certainty I am going to try and group these nails first by metal used – either aluminum or copper. Then I am going to try and group the nails by appearance, much the way the current Set (61) separated the Set#1 and Set#2. They look different.

I do realize that this will undo the ability to easily identify the user of the nail and perhaps at some point that cross-reference can be re done. In any case I will try this and see how it works.

March 20, 2016  
Rolland Meyers



SHANKS OF CLENDENIN BROS. ALUMINUM DATE NAILS  
L TO R: 2 1/2 X 1/4, 1 1/2 X 1/4, 2 X 3/16, 2 X 3/16, 1 X 3/16

## ~Aluminum Date Nails~

The aluminum date nails have been sorted by size and then grouped by appearance. At this time I believe most, if not all, of the aluminum dating nails were manufactured by Clendenin Brothers of Baltimore, MD. I include a set which was not listed before but has been used since about 1948 and manufactured by Clendenin Bros. And shipped to Premax (NY) now in MN which stamps the date on the blank nail before sending it to the customer. I have tried to include the previous Type assigned to some of the aluminum nails in brackets where possible to help coordinate these nails. But again, at this time I think the current lists of nails and manufacturers is in error in many cases and this is the reason I have put all the aluminum nails into one large section.

**2 x 1/4 rnd I alum (61)** - Unlike the nails to the right that have the same measurements, these have much larger heads.



**2 x 1/4 rnd I alum**



**2 x 3/16 rnd I alum (61) Set #1**



**1 1/2 X 1/4 rnd I alum**





**2 X 3/16 rmd I alum (61) Set #2**

(This entire Set is the product of Clendenin Bros.)



**1 3/4 x 3/16 rmd I alum (60) Set #1**

**1 3/4 x 3/16 rmd I alum (61)**



**1 3/4 x 3/16 rmd I alum (69) Set #2**



66

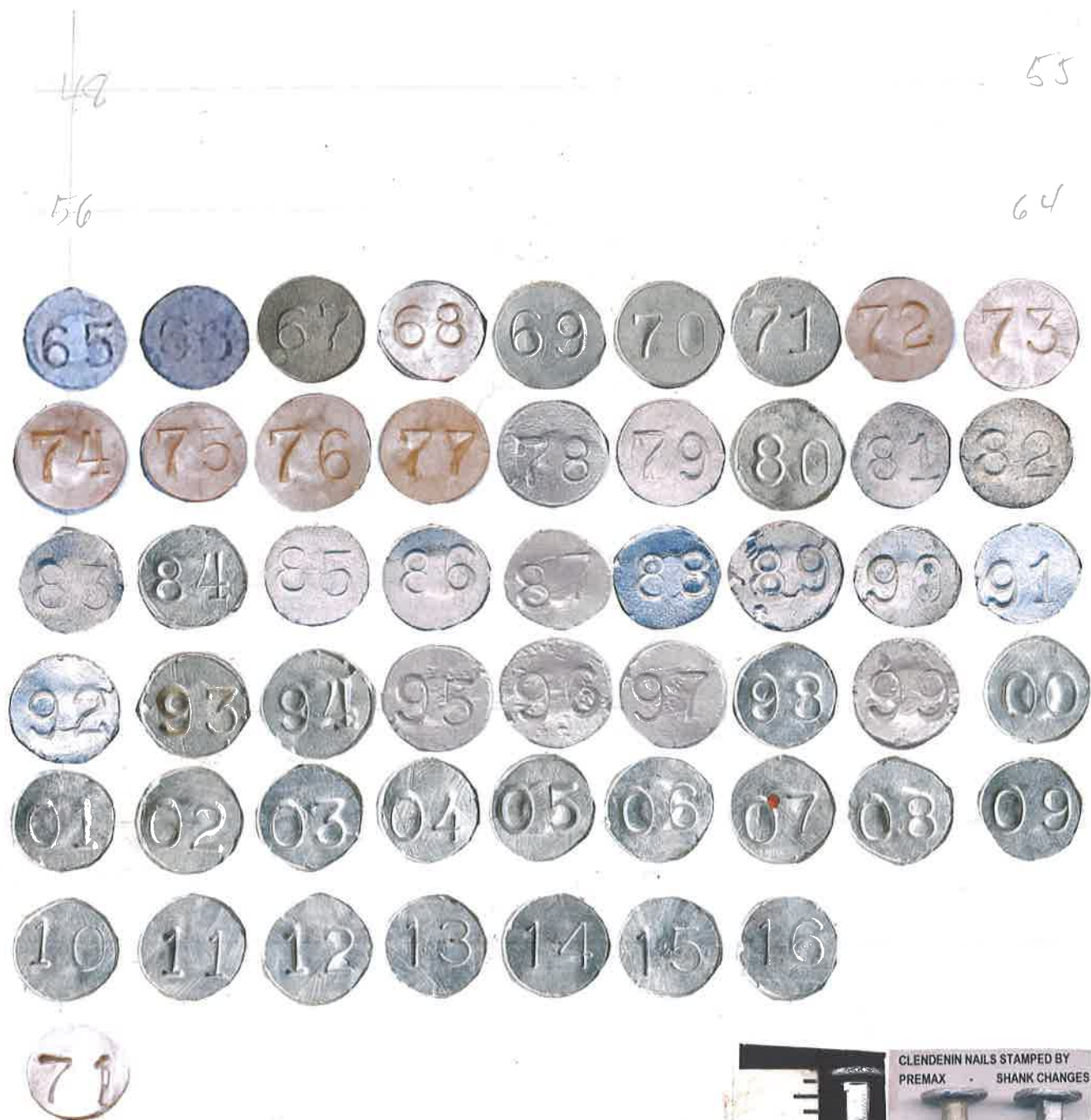


**1 1/2 X 3/16 rmd I alum (61)**



**Premax Aluminum Date Nails:** These have been made every year since about 1948. I spoke with the manager and he said they have always been manufactured by Clendenin Brothers (Baltimore, MD) and sent to them unmarked. They machine stamp the date on the nail and sell them to customers. They also have done the same for bronze 3 x 1/4 inch nails. There are a couple of different shank styles to these 1 1/2 x 1/4 aluminum nails. The most recent being a shank that is neither truly round nor square, but what I would call a "rounded square." The manager has said he will try to get more history to these nails and I hope to add that information to this page if it becomes available.

**1 1/2 x 1/4 rnd l aluminum** (Nail are blank and then machine stamped after manufacture)





**1 1/4 x 3/16 rnd l alum**



1956 (60)



1960 after (61)



Clendenin Bros

**1 1/4 x 3/20 rnd l alum (60) - (Ma and Pa RR)**



**1 1/4 x 3/16- rnd l ts alum** — These nails started about 1975 and originally had a raised date. Initially they were manufactured by Nichols Wire Co of Florence, AL. In 2010 the company was purchased by Kaiser Aluminum who has continued to make these nails. A few of the years, such as 2011 and 2012, they were made in two lengths — 1 1/4 and 1 1/2. These nails have a twisted shank.



**3/4 x 1/4 rnd l alum (60)**



(1964 (U.S. Government))

**Other rnd l alum nails not noted.**



1 1/2 x 1/4  
1982 alum ri/sq shank  
Clendenin/Premax



2 x 3/16 rnd l alum  
These three dates were from the Wiswell Collection. He got them at the Hassall Co. as samples and may never have been used.



2 x 1/4 md l alum  
These are samples from Hassall  
They may have not been used.  
See DNC pg. 162



1 1/2 x 1/4 rnd l  
Unknown use



1 1/2 x 1/4 md l  
L&N RR util.

**1 x 3/16 rnd l alum**



Clendenin Bros.



1 1/2 X 1/4 md l alum ( ) Pole Class Nails  
Made by Clendenin/Stamped by Premax



## ~Aluminum Code, Letter and Height Nails~

**2 x 3/16 rnd I alum (Code)**



**1 1/2 x 1/4 rnd I alum (Code)**



**1 1/2 x 3/16 rnd I alum (Code)**



**2 1/2 x 1/4 rnd I alum**



**2 x 1/4 rnd I alum (Letter)**



**2 x 3/16 rnd I alum (Letter)**



**1 3/4 x 1/8 ri**



**1 1/2 X 1/4 rnd I alum (Letter)** – The "B" and BRT nails are Borate Treatment nails for rail ties



**1 1/2 x 1/4 rnd I alum (Height)**



---

**2 1/2 x 1/4 rnd R slum**



Clendenin Nail 1972 (61)  
Clendenin Bros. Used by PG&E

**2 x 3/16 rnd R alum ( )** - These nails are probably Clendenin



Used by Idaho Power

---

**1 1/4 x 3/16- rnd R ts alum** - These are twisted shank nails made by Nichols Wire Co. of Florence, AL. At some point in the 80's or 90's they switched to an indent date. This company sold to Kaiser Aluminum in 2010 and the nails were continued by them.



---

**Other rnd . alum nails not noted.**



1 x 3/16 md R  
Use Unknown



2 x 3/16 ri  
Clendenin



**TYPE (60) COPPER**  
1949, 1952  
1954 TO 1963



**TYPE (60) - COPPER**  
1929 2 1/2 X 1/4 RI



**TYPE (60) gm COPPER**  
1924-42, 1946-54, 1956  
FRONT



**TYPE (60) gm COPPER**  
CUPPED HEAD  
1919 TO 1923



**TYPE (60) COPPER MA & PA**  
1 1/4 X 3/20. MIS-TYPED  
THIS IS MADE BY CLENDENIN  
BROS. - 1949 ROUND INDENT



**TYPE (61)  
COPPER**



**TYPE (63) COPPER**  
1930 TO 1933



**TYPE (63) gm MA AND PA**  
1938 TO 1940



**TYPE (66) COPPER**  
1925 AND 1926  
LONG ISLAND RAILWAY



**TYPE (66) gm COPPER**  
1922 -LONG ISLAND



**TYPE (64) COPPER**  
1926, 1929 1 1/4 X 1/4





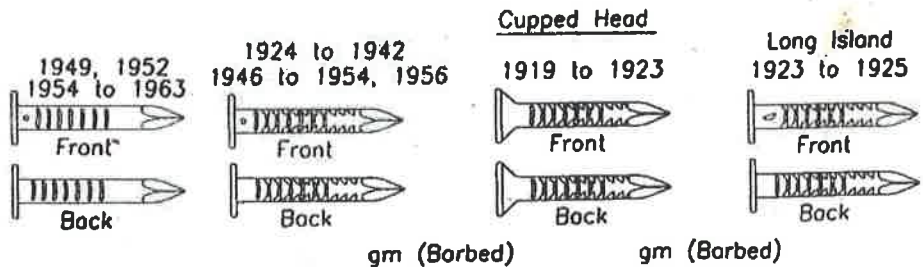
## ~Copper Date Nails~

These nails, which include the Types (60) through (69) are much like those nails of aluminum. The wrong Type designation has been given in many cases. Years ago I was given a bag of nails by the Clendenin Bros. Co. that came from the locker of a retiring employee. All of these nails were made by him while in their employ. In the existing books, many of those nails have been attributed to other manufacturers. At this late stage it is hard to prove exactly which manufacturer made which nail with any certainty. Some are obvious, as with the case of the single dot marking on the Type (60) copper nails. I am fairly certain, with few exceptions, the nails in the Type (61) collection are made by Clendenin and not John Hassall. I spoke at length with representatives of Hassall and they assured me that they indeed did make date nails, but not that many. In fact when I spoke with them they were only making a nail for one customer – the Langdale Forest Products aluminum date nail – and that had been the case for the past several years.

I will keep keep the Type (60) copper nails as a group – much as they are in the books. But will combine Type (61) through Type (64) by size as I believe the companies listed as the manufacturer may have made some of these, they by no means made all of them.

### Type (60)

C. G. Hussey & Co., Pittsburgh, PA. Note: The  $1\frac{1}{4} \times \frac{3}{20}$  rnd I cop 49, and the  $1\frac{1}{4} \times \frac{3}{20}$  rnd I alm 47, 48 were made by Clendenin Bros. of Baltimore.



**$2\frac{1}{2} \times \frac{1}{4}$  rnd I cop (60)**



**$2 \times \frac{3}{16}$  rnd I cop (60)**



**$1\frac{3}{4} \times \frac{3}{16}$  rnd I cop (60)**



**$1\frac{3}{4} \times \frac{3}{16}$  rnd I cop (60) – 1937-51 have gm's – 1952-64 do not**



1 1/2 x 3/16 rnd I cop (60)



1 1/4 x 3/16 rnd I cop (60)



1 x 3/16 rnd I cop



LIRR  
COVER BORAD



1 1/4 x 3/16 rnd I gm cop (60)



1 1/4 x 3/20 rnd I cop (60)



Ma&Pa

1 1/4 x 3/16 sqr I cop (60)

30 NO EM



**1 1/4 X 3/16 sqr l rs gm cop (60)**



**1 1/4 x 1/5 rnd R gm cop**

**1 3/4 x 3/16 rnd R gm cop (60)**



UNKNOWN

**1 1/2 x 3/16 rnd R gm cop (60)**



Small Head

G&U

**1 1/4 x 3/16 rnd R gm cop (60)**



MILRD/KCT



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**1 1/4 x 3/16 rnd R C-rim cop (60)** – These nails were put into cedar ties by Milwaukee Road RR




---

**Other Type (60) copper nails as noted and received**



1 1/2 x 3/16  
(60) NO gm's

1 1/2 x 3/16 ri cop No gm's  
(60) Pot .Edison

1 3/4 x 3/16  
HS (60) gm's

1 1/4 x 3/16 (60) gm  
ri cop varieties

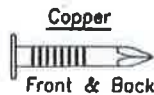


1 3/4 x 3/16 (60) gm ri cop varieties

## ~Type (61) Copper Nails~

### Type (61)

John Hassall, Inc., Westbury, NY.  
This company still makes date nails.



I was going to group the Type (61) through ( ) copper nails into one group and separate them by size and appearance, but decided to also keep the Type (61) as a specific category. I believe that many, or most of the nails in this section, were actually manufactured by Clendenin Bros of Baltimore, MD. I received several nails from them which included nails shown at being manufactured by Hassall, Inc. But since most of the nails have an "appearance" of belonging to the same manufacturer I will keep this group as Type (61). After speaking with representatives of Hassall, I have no doubt they did make some date nails, but by their own admission, "they did not make many." Perhaps in the future, records will surface showing exactly which company made which nails.

**1 3/4 x 3/16 rnd l cop (61)**



45

**1 1/2 x 3/16 rnd l cop (61)**



**1 1/4 x 3/16 rnd l cop (61)**



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**1 ¼ x 3/16 rnd R cop (61)**



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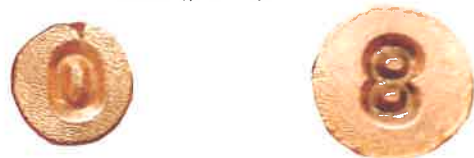
**Other Type (61) copper nails as noted and received**

## **Copper Code Nails (Type 60-66)**

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**1 ¾ X 3/16 rnd l gm cop (60)**

**(no gm's)**



---

**1 ¼ x 3/16 rnd l gm cop (60)**



---

**1 ¼ x 3/16 rnd l cop (60) -no gm's**

**1 ¼ x 3/16 rnd R gm cop (60)**

1, 3, and 9 found on the Pensy RR in ties



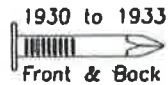


## ~Type (63) through ( ) Copper Nails~

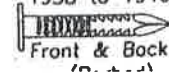
These copper nails are basically listed as being from an "Unknown" manufacturers. I have put them together by size and tried to include the type number previously assigned to them.

### Type (63)

Unknown company



Maryland & Pennsylvania  
1938 to 1940



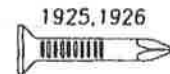
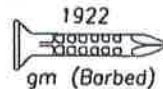
### Type (64)

Unknown company



### Type (66)

Unknown company



### Type ( )

Unknown companies, unclassified anchor markings.

1 1/4 x 1/4 rnd I (64)



West Union

2 x 3/16 rnd R ( )



Unknown

1 1/4 x 1/5 : rnd I ( )

53

KCT

1 1/4 x 3/16 rnd I cp cop (63)



---

**1 1/2 x 3/16 rnd l cop**



(63) LIRR

**1 1/2 x 3/16 rnd l gm cop**



( ) IC

**13**

( ) P&LE

**14**

( ) P&LE

---

**1 1/4 x 3/16 rnd l cop**



( ) Unknown



(66) LIRR



(66) LIRR

---

**1 1/4 x 3/16 rnd l gm cop**



(66) LIRR



(63) LIRR



(63)



(63)



(63)

---

**Other Copper Nails not in books as noted and received.**



1 1/4 x 1/4- rr no gm's  
Type (39) TH&B



2 x 3/16 rr no gm's  
Unknown user



1 1/2 x 1/4 ri cop gm  
( ) VA Pub. Svc.



1 1/2 x 3/16 ( )  
No anchors/No gm's  
factory struck 3/4" head  
User Unknown



1940 gm ( )  
1 1/2 x 1/4 ri cop  
(hs?) VA Pub/Svc?



1960 ( )  
1 1/4 x 3/16 ri cop



1963  
1 1/4 x 3/16 ri cop

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## COPPER INDENT LETTER NAILS

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My thanks to Skip Kilpatrick for allowing me to use the following pages. A lot of work on his part. I have added some to the end of his efforts, and I am sure there will be more to add later. But I have to acknowledge the work that Skip put into this.

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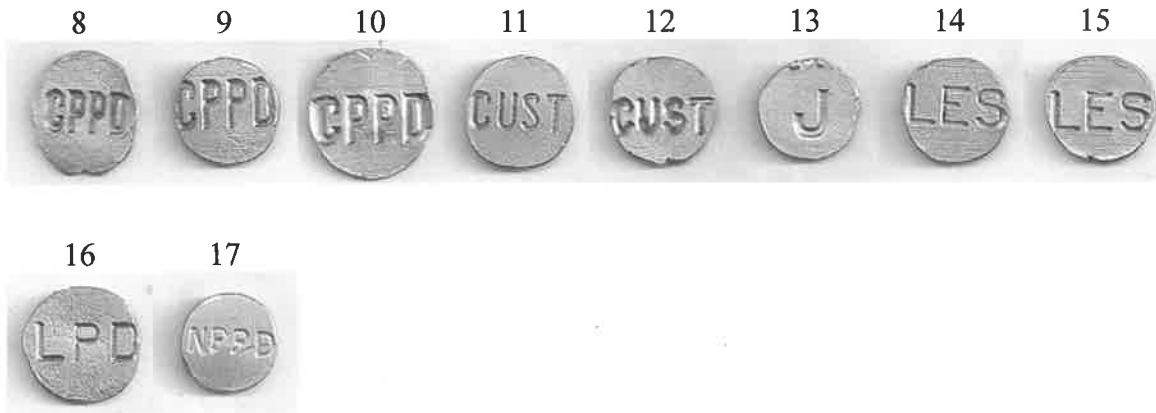
RI ( ) 2 1/2 " x 1/4 "



1 - 7; Joint Use, Delaware Valley Tel. Co. Port Jervis, NY

---

RI ( ) 2 " x 1/4 "



8 - 10; Consumers Public Power District, NE  
11 - 12; Customer Owned Pole  
13; Joint Use - See J 1 - 7 - Delaware Valley Tel.  
14 - 15; Lincoln Electrical System, NE - 14: reg. shank, 15: ring shank  
16; Loup Power District, NE  
17; Nebraska Public Power District



RI ( ) 1 1/4 " x 1/4 "

"

DI ( 07 ) 1 1/4 " x 1/4 "



18; City - Unknown

19; Consumer Power Co. Kearney, NE

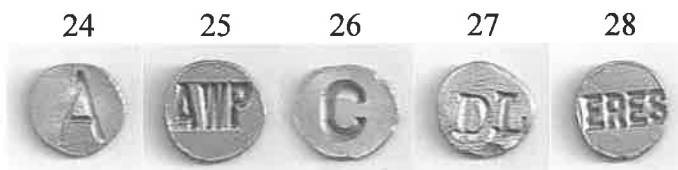
20 - 21; Gulf Oil - Pole Line

22; Texas Electric Railroad

23; Gulf Oil

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RI ( ) 1 1/4 " x 3/16 "



(61)

24; Central Hudson Gas & Electric Corp.

25; Alabama Wood Preserving ?? there is a AWP company in NM also

26; Consumers Power Co, MI

27; Unknown - used by Northern States Power

28; Unknown

---

RI ( 60 ) 1 1/4 " x 3/16 "    cupped head

RI ( ) 3/4 " x 1/4 "



29; Galveston

30; Electric

31; Company, TX

32; Missouri Utility Company

RI ( 07 )    1 1/4 x 3/16"

RI ( 39 )    1 1/4 x 3/16"



Type ( 39 ) shown in Jeff Oaks V III

---

RI ( )    2" x 5/16 "    hand stamped    -    1 1/4 " Head



1 1/2 "

Bay City Light Department, MI

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**Other Copper Indents not show above - Not in any order, but as reported.**

33



Pensy RR ( )  
1 1/2 x 5/16

34



2 1/4 x 1/4 (07)  
Bell Tel.

33    Pensy Railroad ( ) 1 1/2 x 5/16 ri HS  
34    Bell Tel. (07) 2 1/4 x 1/4 ri

## Copper Raised Letters



- 1       $2 \frac{1}{2} \times \frac{1}{4}$ . Kansas Electric Power.
- 2      Left twist.  $1 \frac{1}{2} \times \frac{1}{4}$ . Southern California Edison.
- 3      Right twist.  $1 \frac{1}{2} \times \frac{1}{4}$ . Southern California Edison.
- 4      Splice.  $1 \frac{1}{2} \times \frac{1}{4}$ . Southern California Edison.
- 5,6     $1 \frac{1}{4} \times \frac{3}{16}$  rnd R gm cop (60). From Milwaukee Road ties.
- 7       $2 \frac{1}{2} \times \frac{1}{4}$  (07) Farmington, MO



Square Raised: AC12 (Atlantic Creo), / E1 ((Unknown) / GE13 (General Elect.) / IM8 (IN MI Elect), IP14 (ILL Power) / P4 (Utah Power & Light) / R5 (Reclaimed Pole, VA - set on dia and sq shanks) / TC9 Taylor-Colquitt Co. Found with a round raised 28 in poles) / UE11 Union Elect.-St.Louis, MO), UT10 (Union Tel - Smackover, AR)

Diamond Indent: P1 (Unknown)

Copper Indent and Raised: BY25 (Bell Tel-Indent), F1 (Farmington, MO- diamond raised), KEP1 (Kansas Elect.Power) / LES11, LPD26 (Lincoln, NE)