

1914

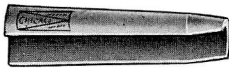
CATALOGUE AND PRICE LIST

SECTION G

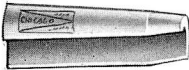
TRACK CIRCUIT AND
CONSTRUCTION MATERIAL

Cross Arms
Cross Arm Braces and Bolts
Cross Arm Pins
Pole Steps
Trunking and Capping
Trunking Stakes
Bond Wires
Bond Wire Protectors
Channel Pins
Channel Pin Tools
Track Drill
Lineman's Tools

CHANNEL PINS



R. S. A. 1086



No. 21



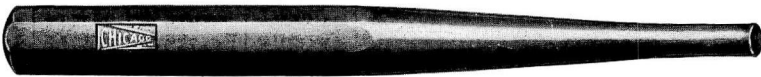
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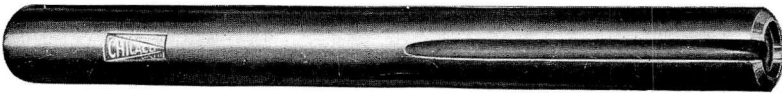
No. 238 to 249

Trade No.	DESCRIPTION			List Price
	RY. SIGNAL CHANNEL PINS			
1086-1	Tinned Channel Pin for $\frac{9}{32}$ " hole and No. 8 B. W. G. Wire per R. S. A. Drawing and Specifications , per M.			\$8.00
1086-2	Coppered Channel Pin for $\frac{9}{32}$ " hole and No. 8 B. W. G. Wire per R. S. A. Drawing and Specifications , per M.			8.00
21-1	Tinned Channel Pin $1\frac{5}{32}$ " long for No. 8 B. W. G. Wire, per M.			8.00
21-2	Coppered Channel Pin $1\frac{5}{32}$ " long for No. 8 B. W. G. Wire, per M.			8.00
22-1	Tinned Channel Pin, $1\frac{1}{4}$ " long, straight tapering sides, for $\frac{9}{32}$ " hole and No. 8 B. W. G. Wire, per M.			8.00
22-2	Coppered Channel Pin, $1\frac{1}{4}$ " long, straight tapering sides, for $\frac{9}{32}$ " hole and No. 8 B. W. G. Wire, per M.			8.00
	LARGE SIZE CHANNEL PINS			
	Wire	Dia.	Dia. Hole	
249	6	5-16"	9-32"	10.00
238	4	3-8"	11-32"	10.00
239	0	19-32"	9-16"	16.00
240	0	21-32"	5-8"	16.00
241	0	25-32"	3-4"	18.00
242	00	19-32"	9-16"	16.00
243	00	21-32"	5-8"	16.00
244	00	3-4"	23-32"	18.00
245	00	25-32"	3-4"	18.00
246	000	21-32"	5-8"	16.00
247	0000	3-4"	23-32"	18.00
248	0000	25-32"	3-4"	18.00

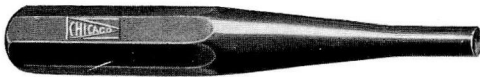
CHANNEL PIN TOOLS



No. 80 (One Half Size)



No. 81 (One Half Size)



No. 82 (One Half Size)



No. 83 (One Half Size)

The Channel Pin Tools are made of best tool steel, properly hardened and finished. No. 80 and 81 are used by regular bonding and construction crews, No. 82 and 83 by inspectors and repair men.

Trade No.	DESCRIPTION	List Price
80	Standard Channel Pin Drift, 8" long.	\$2.00
81	“ “ “ Set, 8" “	1.50
82	Small “ “ Drift, 5" “	1.50
83	“ “ “ Set, 5" “	1.25

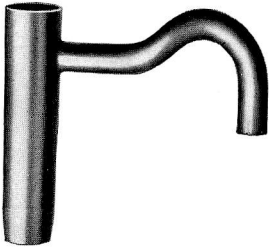


BOND WIRES

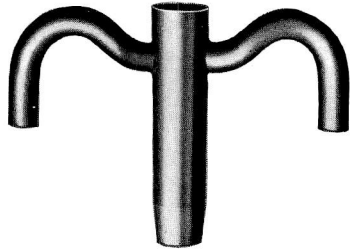


Trade No.	DESCRIPTION GALVANIZED IRON BOND WIRES		Approx. Wt. per M	Approx. Wires per Cwt.	List Price
84-38	No. 8 B. W. G. Iron Bond Wires	38'' long	238	420	.....
84-40	" " " " " "	40'' "	250	400	.....
84-42	" " " " " "	42'' "	262	381	.....
84-44	" " " " " "	44'' "	275	364	.....
84-46	" " " " " "	46'' "	288	347	.....
84-48	" " " " " "	48'' "	300	333	.....
84-50	" " " " " "	50'' "	312	320	.....
84-52	" " " " " "	52'' "	325	307	.....
84-54	" " " " " "	54'' "	338	296	.....
84-56	" " " " " "	56'' "	350	285	.....
84-58	" " " " " "	58'' "	362	275	.....
84-60	" " " " " "	60'' "	375	268	.....
84-62	" " " " " "	62'' "	388	258	.....
84-64	" " " " " "	64'' "	400	250	.....
84-68	" " " " " "	68'' "	425	235	.....
84-72	" " " " " "	72'' "	450	222	.....
COPPER BOND WIRES					
85-38	No. 6 B. & S. Copper Bond Wire	38'' long	250	400	.....
85-40	" " " " " "	40'' "	264	380	.....
85-42	" " " " " "	42'' "	276	362	.....
85-44	" " " " " "	44'' "	290	345	.....
85-46	" " " " " "	46'' "	303	330	.....
85-48	" " " " " "	48'' "	316	316	.....
85-50	" " " " " "	50'' "	329	304	.....
85-52	" " " " " "	52'' "	343	292	.....
85-54	" " " " " "	54'' "	356	281	.....
85-56	" " " " " "	56'' "	369	271	.....
85-58	" " " " " "	58'' "	382	262	.....
85-60	" " " " " "	60'' "	395	253	.....
85-62	" " " " " "	62'' "	408	245	.....
85-64	" " " " " "	64'' "	422	237	.....
85-68	" " " " " "	68'' "	448	223	.....
85-72	" " " " " "	72'' "	475	211	.....
COPPER CLAD BOND WIRES					
86-38	No. 8 B. W. G.—C. C. Bond Wire	38'' long	242	413	.....
86-40	" " " " " "	40'' "	255	392	.....
86-42	" " " " " "	42'' "	268	373	.....
86-44	" " " " " "	44'' "	281	356	.....
86-46	" " " " " "	46'' "	293	342	.....
86-48	" " " " " "	48'' "	306	327	.....
86-50	" " " " " "	50'' "	319	315	.....
86-52	" " " " " "	52'' "	332	302	.....
86-54	" " " " " "	54'' "	344	291	.....
86-56	" " " " " "	56'' "	357	280	.....
86-58	" " " " " "	58'' "	370	270	.....
86-60	" " " " " "	60'' "	383	261	.....
86-62	" " " " " "	62'' "	396	252	.....
86-64	" " " " " "	64'' "	408	245	.....
86-68	" " " " " "	68'' "	434	231	.....
86-72	" " " " " "	72'' "	460	217	.....

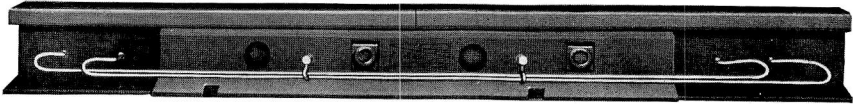
BOND WIRE PROTECTORS



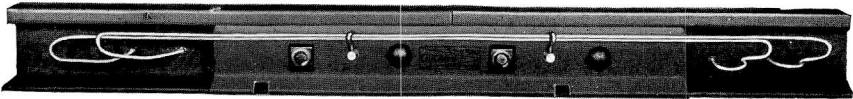
Style "A" (Full Size)



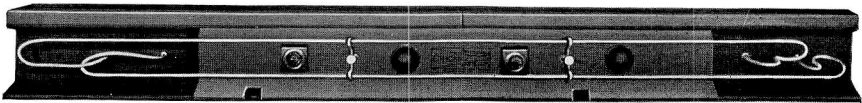
Style "B" (Full Size)



Style "A" Protectors Holding Bond Wires Below Bolts



Style "A" Protectors Holding Bond Wires Above Bolts

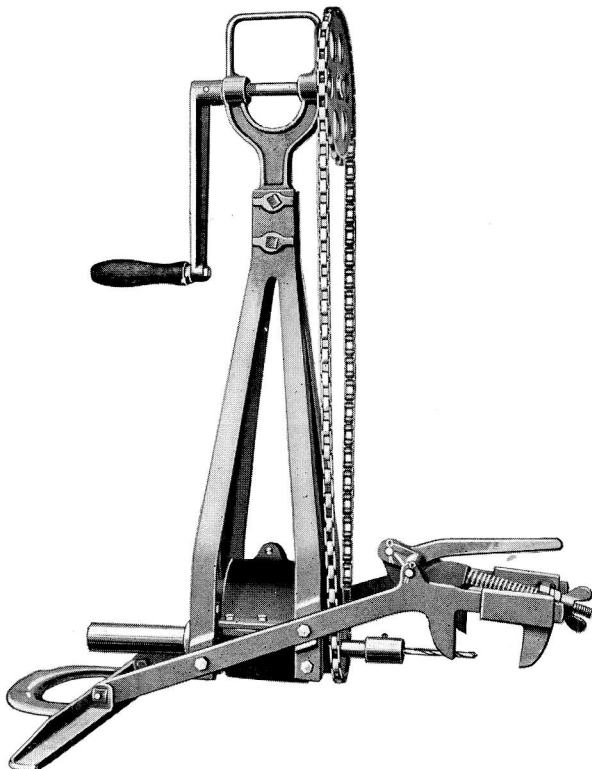


Style "B" Protectors Holding Bond Wires in Place

These Bond Wire Protectors are used to hold Bond Wires in place, thus preventing breakage and improving appearance of bonded joints. They eliminate all danger of wheel flanges cutting wires or dragging equipment tearing same. Style "A" is for holding wires below or above Bolts. Style "B" for holding wires above and below Bolts. Made for use with $\frac{3}{8}$ " holes and are furnished tinned, coppered or galvanized.

Trade No.	DESCRIPTION	List Price
24	Style A Bond Wire Protector, Tinned, per M.	\$22.00
24-1	" " " " " " Coppered " "	24.00
24-2	" " " " " " Galvanized " "	23.00
23	" B " " " " Tinned " "	24.00
23-1	" " " " " " Coppered " "	26.00
23-2	" " " " " " Galvanized " "	25.00

“CHICAGO” BONDING DRILL



“Chicago” Bonding Drill—Weight 30 lbs., Height 26”

This Drill has the following advantages:—

“It is the easiest running drill on the market, and will do more work with less labor than other drills.”

“It is instantly attached rigidly to head of any size rail and cannot wobble and break drills.”

“It is instantly removed from rail, even though drill is in the rail, by pushing clamp lever, located directly over rail, backward.”

“It has a two speed uniform continuous Feed and Reverse, both speeds are controlled by a small automatically operated lever directly under operator’s foot. The drill can be fed to or from the rail when in high speed with one turn of the handle.”

“It is Single Chain Driven and is provided with a proper take up for chain wear without the use of idlers or cams.”

“It is light but strong, made of malleable iron and rolled steel, the gears are of best machine steel.”

“All parts are accurately machined and jig drilled, assuring interchangeability of parts.”

“All Bearings are Steel in bronze with replaceable bronze Bearings. Thrust Bearing is an extra large Ball Bearing.”



“CHICAGO” BONDING DRILL

“Gears and Feed Spindle are enclosed in an oil tight case, insuring easy operation and keeping sand and dirt out of operating parts.”

“Foot Plate is self alligning to tie inequalities, and is instantly removable so drill can be comfortably carried by operators.”

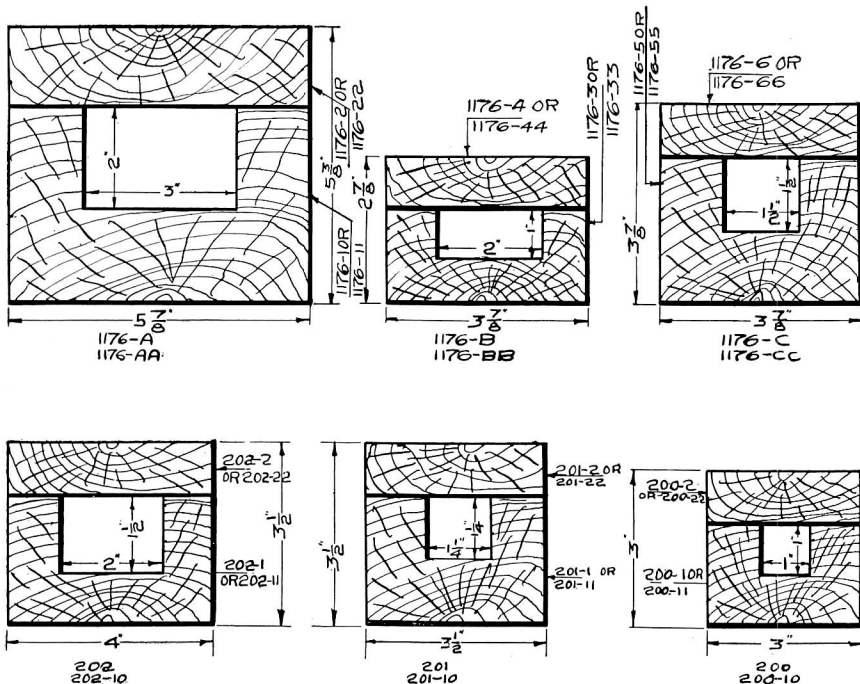
“It is furnished in three different feed speeds: “Slow” for very hard steel rails, “Medium” for standard work and “Fast” for drilling relatively soft rail.”

“It is furnished with three styles of chucks, viz.: with set screw to hold $\frac{9}{32}$ ” standard track drills, with adjustable drill chuck for up to $\frac{3}{8}$ ” diameter round shank or slabbed drills and with special chuck to hold flat shank drills.”

Trade No.	DESCRIPTION	List Price
500-1	Chicago Bonding Drill with Set Screw Chuck for $\frac{9}{32}$ ” Round or Slabbed Shank Standard Track Drills as illustrated. . . .	\$50.00
500-2	Chicago Bonding Drill with Adjustable Drill Chuck to hold Round or Slabbed Shank Drills 0 to $\frac{3}{8}$ ”	58.00
500-3	Chicago Bonding Drill with Special Chuck to hold Flat Drills	60.00
500-4	Standard $\frac{9}{32}$ ” Round Shank, Slabbed Track Drills, per doz. . .	7.80
500-5	Standard “High Speed” Round Shank, Slabbed Track Drills for drilling hard rails, per doz.	9.10
500-6	Flat Shank “High Speed” Flat $\frac{9}{32}$ ” Drills, per doz.	9.25

Orders must state whether “Slow”, “Medium” or “Fast” Feed is required.

WIRE TRUNKING

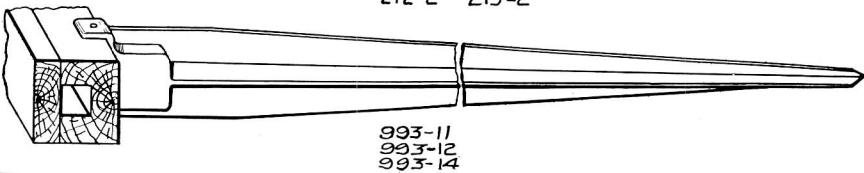
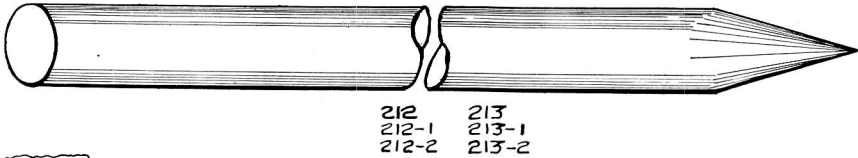
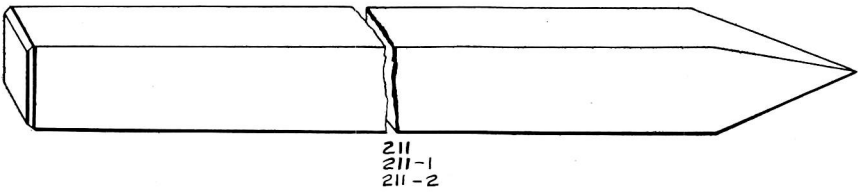
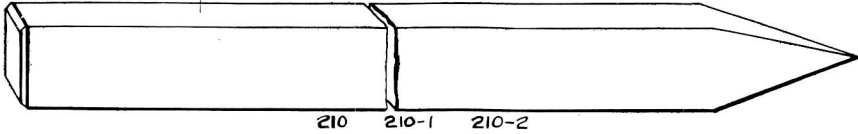
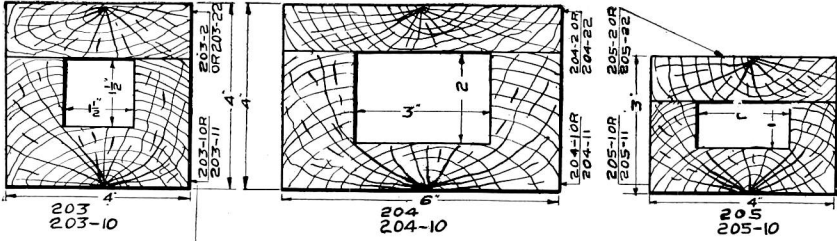


Trade No.	DESCRIPTION	List Price
1176-A	R. S. A. Trunking and Capping, Plain, per C lineal ft.	Prices Upon Application
1176-AA	“ “ “ “ “ “ Painted “ “ “ “ “ “	
1176-B	“ “ “ “ “ “ Plain “ “ “ “ “ “	
1176-BB	“ “ “ “ “ “ Painted “ “ “ “ “ “	
1176-C	“ “ “ “ “ “ Plain “ “ “ “ “ “	
1176-CC	“ “ “ “ “ “ Painted “ “ “ “ “ “	
202	Trunking and Capping, Plain, per C lineal ft.	
202-10	“ “ “ “ “ “ Painted “ “ “ “ “ “	
201	“ “ “ “ “ “ Plain “ “ “ “ “ “	
201-10	“ “ “ “ “ “ Painted “ “ “ “ “ “	
200	“ “ “ “ “ “ Plain “ “ “ “ “ “	
200-10	“ “ “ “ “ “ Painted “ “ “ “ “ “	
1176-2	R. S. A. Capping Only, Plain “ “ “ “ “ “	
1176-22	“ “ “ “ “ “ Painted “ “ “ “ “ “	
1176-4	“ “ “ “ “ “ Plain “ “ “ “ “ “	
1176-44	“ “ “ “ “ “ Painted “ “ “ “ “ “	
1176-6	“ “ “ “ “ “ Plain “ “ “ “ “ “	
1176-66	“ “ “ “ “ “ Painted “ “ “ “ “ “	
202-2	Capping Only, Plain, per C lineal ft.	
202-22	“ “ “ “ “ “ Painted “ “ “ “ “ “	
201-2	“ “ “ “ “ “ Plain “ “ “ “ “ “	
201-22	“ “ “ “ “ “ Painted “ “ “ “ “ “	
200-2	“ “ “ “ “ “ Plain “ “ “ “ “ “	
200-22	“ “ “ “ “ “ Painted “ “ “ “ “ “	
203	Trunking and Capping, Plain, per C lineal ft.	
203-10	“ “ “ “ “ “ Painted “ “ “ “ “ “	
204	“ “ “ “ “ “ Plain “ “ “ “ “ “	
204-10	“ “ “ “ “ “ Painted “ “ “ “ “ “	
205	“ “ “ “ “ “ Plain “ “ “ “ “ “	
205-10	“ “ “ “ “ “ Painted “ “ “ “ “ “	

Orders or request for price should state whether Pine or Cypress Trunking is wanted.



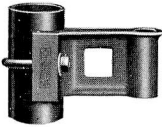
WIRE TRUNKING AND TRUNKING STAKES



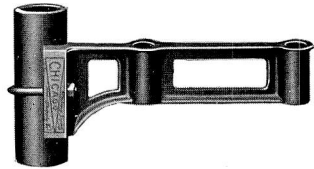
Trade No.	DESCRIPTION	List Price
203-2	Capping Only, Plain, per C lineal ft. ....	.....
203-22	“ “ Painted “ “ “ “ .....	.....
204-2	“ “ Plain “ “ “ “ .....	.....
204-22	“ “ Painted “ “ “ “ .....	.....
205-2	“ “ Plain “ “ “ “ .....	.....
205-22	“ “ Painted “ “ “ “ .....	.....
210	Oak Trunking Stake, 3' x 4" x 3' long. ....	.....
210-1	“ “ “ 3' x 4" x 3' 6" “ .....	.....
210-2	“ “ “ 3' x 4" x 4' “ .....	.....
211	“ “ “ 4' x 4" x 3' “ .....	.....
211-1	“ “ “ 4' x 4" x 3' 6" “ .....	.....
211-2	“ “ “ 4' x 4" x 4' “ .....	.....
212	Cedar “ “ 4' dia. 3' “ .....	.....
212-1	“ “ “ 4' “ 3' 6" “ .....	.....
212-2	“ “ “ 4' “ 4' “ .....	.....
213	“ “ “ 5' “ 3' “ .....	.....
213-1	“ “ “ 5' “ 3' 6" “ .....	.....
213-2	“ “ “ 5' “ 4' “ .....	.....
993-11	Iron Trunking Stake, 3' 6" long for No. 200 Trunking.	\$1.30
993-12	Trunking “ “ 3' 6" “ “ “ 201, 202, 203, 1176B and 1176C	1.30
993-14	Iron Trunking Stake, 3' 6" long for No. 204 and 1176A Trunking	1.30

Orders or request for price should state whether Pine or Cypress Trunking is wanted.

SINGLE PIN IRON CROSS ARMS



No. 894-3



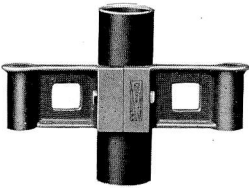
No. 895-3

Trade No.	DESCRIPTION	List Price
894-3	Single One Pin Iron Cross Arm for 1½" or 1¼" Wood Pin, complete with U Bolt for 3" (3½" O. D.) Pole, each	\$1.50
894-4	Same as above except for 4" (4½" O. D.) Pole	1.50
894-5	" " " " " 5" (5½" O. D.) " "	1.85
894-6	" " " " " 6" (6½" O. D.) " "	2.05
894-7	" " " " " 7" (7½" O. D.) " "	2.25
894-8	" " " " " 8" (8½" O. D.) " "	2.45
894-13	Single One Pin Iron Cross Arm for ⅝" Steel Pin, complete with U Bolt for 3" (3½" O. D.) Pole, each	1.50
894-14	Same as above except for 4" (4½" O. D.) Pole	1.50
894-15	" " " " " 5" (5½" O. D.) " "	1.85
894-16	" " " " " 6" (6½" O. D.) " "	2.05
894-17	" " " " " 7" (7½" O. D.) " "	2.25
894-18	" " " " " 8" (8½" O. D.) " "	2.45
895-3	Single Two Pin Iron Cross Arm for 1½" or 1¼" Wood Pin, complete with U Bolt for 3" (3½" O. D.) Pole	1.75
895-4	Same as above except for 4" (4½" O. D.) Pole	1.75
895-5	" " " " " 5" (5½" O. D.) " "	2.10
895-6	" " " " " 6" (6½" O. D.) " "	2.30
895-7	" " " " " 7" (7½" O. D.) " "	2.50
895-8	" " " " " 8" (8½" O. D.) " "	2.70
895-13	Single Two Pin Iron Cross Arm for ⅝" Steel Pin, complete with U Bolt for 3" (3½" O. D.) Pole, each	1.75
895-14	Same as above except for 4" (4½" O. D.) Pole	1.75
895-15	" " " " " 5" (5½" O. D.) " "	2.10
895-16	" " " " " 6" (6½" O. D.) " "	2.30
895-17	" " " " " 7" (7½" O. D.) " "	2.50
895-18	" " " " " 8" (8½" O. D.) " "	2.70

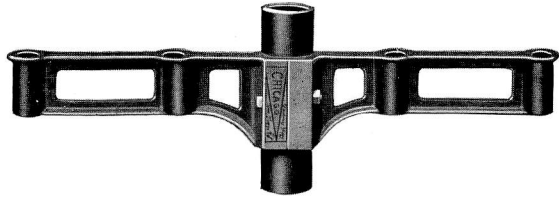
Above prices do not include pins or glass which should be ordered separately, giving trade numbers of pins and glass desired.

Orders for Cross Arms for Wood Pins must specify whether for 1½" or 1¼" Pins.

DOUBLE PIN IRON CROSS ARMS



No. 894-23



No. 895-23

Trade No.	DESCRIPTION	List Price
894-23	Double One Pin Cross Arm for 1½" or 1¼" Wood Pin, complete with Two Bolts for 3" (3½" O. D.) Pole, each.....	\$2.75
894-24	Same as above except for 4" (4½" O. D.) Pole.....	2.75
894-25	" " " " " 5" (5⅞" O. D.) "	3.10
894-26	" " " " " 6" (6⅝" O. D.) "	3.30
894-27	" " " " " 7" (7⅝" O. D.) "	3.50
894-28	" " " " " 8" (8⅝" O. D.) "	3.70
894-33	Double One Pin Cross Arm for ⅝" Steel Pin, complete with Two Bolts for 3" (3½" O. D.) Pole, each.....	2.75
894-34	Same as above except for 4" (4½" O. D.) Pole.....	2.75
894-35	" " " " " 5" (5⅞" O. D.) "	3.10
894-36	" " " " " 6" (6⅝" O. D.) "	3.30
894-37	" " " " " 7" (7⅝" O. D.) "	3.50
894-38	" " " " " 8" (8⅝" O. D.) "	3.70
895-23	Double Two Pin Cross Arm for 1½" or 1¼" Wood Pins, complete with Two Bolts for 3" (3½" O. D.) Pole, each.....	3.00
895-24	Same as above except for 4" (4½" O. D.) Pole.....	3.00
895-25	" " " " " 5" (5⅞" O. D.) "	3.35
895-26	" " " " " 6" (6⅝" O. D.) "	3.55
895-27	" " " " " 7" (7⅝" O. D.) "	3.75
895-28	" " " " " 8" (8⅝" O. D.) "	3.95
895-33	Double Two Pin Cross Arm for ⅝" Steel Pin, complete with Two Bolts for 3" (3½" O. D.) Pole, each.....	3.00
895-34	Same as above except for 4" (4½" O. D.) Pole.....	3.00
895-35	" " " " " 5" (5⅞" O. D.) "	3.35
895-36	" " " " " 6" (6⅝" O. D.) "	3.55
895-37	" " " " " 7" (7⅝" O. D.) "	3.75
895-38	" " " " " 8" (8⅝" O. D.) "	3.95

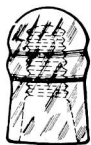
Above prices do not include pins or glass which should be ordered separately, giving trade numbers of pins and glass desired.

Orders for Cross Arms for Wood Pins must specify whether for 1½" or 1¼" Pins.

PINS, INSULATORS, CROSS ARMS AND ACCESSORIES



898-1



898-2



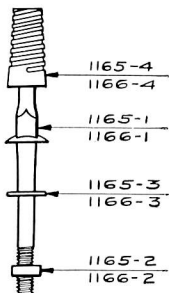
898-3



898-4



R.S.A. 1221



R.S.A. 1165
R.S.A. 1166



898-11
898-12
898-13



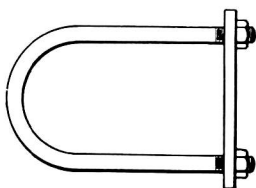
R.S.A.
1220-11
TO 18 INC



R.S.A.
1220-21
TO 28 INC



R.S.A.
1220-31
TO 38 INC



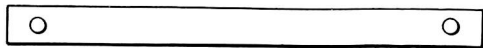
899-3 TO 8 INC



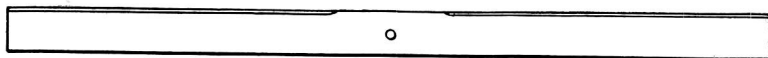
1219-3



1219-2



R.S.A. 1219-11
898-21 TO 26 INC



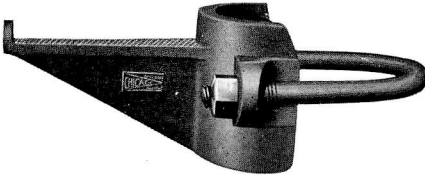
R.S.A. 1089-1 TO 4 INC



CROSS ARMS, PINS, INSULATORS AND ACCESSORIES

Trade No.	DESCRIPTION	List Price
1089-1	R. S. A. Four Pin Cross Arm.....	.....
1089-2	“ “ “ Six “ “ “ “.....	.....
1089-3	“ “ “ Eight “ “ “ “.....	.....
1089-4	“ “ “ Ten “ “ “ “.....	.....
1166	“ “ “ Steel Cross Arm Pin, 1/2" diameter, complete.....	.....
1165-1	“ “ “ “ “ “ “ Only, 1/2" diameter.....	.....
1166-1	“ “ “ “ “ “ “ “.....	.....
1165-2	“ “ “ 1/2" Square Nut for Cross Arm Pin.....	.....
1166-2	“ “ “ 5/8" “ “ “ “.....	.....
1165-3	“ “ “ 1/2" Washer for Cross Arm Pin.....	.....
1166-3	“ “ “ 5/8" “ “ “ “.....	.....
1165-4	“ “ “ Cap for Cross Arm Pin, 1/2".....	.....
1166-4	“ “ “ “ “ “ “ 5/8".....	.....
898-11	1 3/4" x 8" Standard Painted Oak Pin, per M.....	\$25.00
898-12	1 3/4" x 9" “ “ “ “ “ “.....	29.25
898-13	1 1/2" x 9" “ “ “ “ “ “.....	29.25
898-1	W. U. Double Petticoat Insulator Standard Thread, per M.....	.....
898-2	W. U. Single “ “ “ “ “ “.....	.....
898-3	Pony Double “ “ “ “ “ “.....	.....
898-4	“ Single “ “ “ “ “ “.....	.....
1221	R. S. A. Standard Insulator.....	.....
1220-11	“ “ “ 8" Through Bolt, 10" long, Galvanized, per C.....	34.50
1220-12	Same as above except 12" long, Galvanized, per C.....	38.00
1220-13	“ “ “ “ “ 13" “ “ “ “.....	41.00
1220-14	“ “ “ “ “ 14" “ “ “ “.....	43.50
1220-15	“ “ “ “ “ 16" “ “ “ “.....	48.00
1220-16	“ “ “ “ “ 18" “ “ “ “.....	52.50
1220-17	“ “ “ “ “ 20" “ “ “ “.....	57.00
1220-18	“ “ “ “ “ 22" “ “ “ “.....	60.00
1220-21	R. S. A. 5/8" Through Bolt, 10" long, Galvanized, per C.....	41.00
1220-22	Same as above except 12" long, Galvanized, per C.....	46.00
1220-23	“ “ “ “ “ 13" “ “ “ “.....	49.00
1220-24	“ “ “ “ “ 14" “ “ “ “.....	51.50
1220-25	“ “ “ “ “ 16" “ “ “ “.....	57.00
1220-26	“ “ “ “ “ 18" “ “ “ “.....	62.50
1220-27	“ “ “ “ “ 20" “ “ “ “.....	67.50
1220-28	“ “ “ “ “ 22" “ “ “ “.....	73.00
1220-31	R. S. A. Double Arm Through Bolt, 10" long, Galvanized, per C.....	48.00
1220-32	Same as above except 12" long, Galvanized, per C.....	52.00
1220-33	“ “ “ “ “ 13" “ “ “ “.....	54.00
1220-34	“ “ “ “ “ 14" “ “ “ “.....	56.00
1220-35	“ “ “ “ “ 16" “ “ “ “.....	60.00
1220-36	“ “ “ “ “ 18" “ “ “ “.....	64.00
1220-37	“ “ “ “ “ 20" “ “ “ “.....	68.00
1220-38	“ “ “ “ “ 22" “ “ “ “.....	72.00
899-3	U Bolt complete with Plate and Hexagon Nuts for 3" (3 1/2" O. D.) Pipe...	.81
899-4	“ “ “ “ “ “ “ “ “ “ “ 4" (4 1/2" O. D.) “ “.....	.81
899-5	“ “ “ “ “ “ “ “ “ “ “ 5" (5 3/8" O. D.) “ “.....	.92
899-6	“ “ “ “ “ “ “ “ “ “ “ 6" (6 3/8" O. D.) “ “.....	.92
899-7	“ “ “ “ “ “ “ “ “ “ “ 7" (7 5/8" O. D.) “ “.....	.92
899-8	“ “ “ “ “ “ “ “ “ “ “ 8" (8 5/8" O. D.) “ “.....	.92
1219-2	R. S. A. Heel Bolt.....	.....
1219-3	“ “ “ Toe.....	.....
898-21	Cross Arm Brace, Galvanized, 7/32" x 1 1/8" x 20" long, per M.....	138.00
898-22	“ “ “ “ “ 7/32" x 1 1/8" x 22" “ “ “ “.....	153.00
898-23	“ “ “ “ “ 7/32" x 1 1/8" x 24" “ “ “ “.....	165.00
898-24	“ “ “ “ “ 7/32" x 1 1/8" x 26" “ “ “ “.....	180.00
1219-1	R. S. A. Cross Arm Brace, 7/32" x 1 1/8" x 28" long, per M.....	195.00
898-25	Cross Arm Brace, 7/32" x 1 1/8" x 30" long, per M.....	198.00
898-26	“ “ “ “ “ 7/32" x 1 1/8" x 32" “ “ “ “.....	201.00

POLE STEPS



Style 897



Style 896



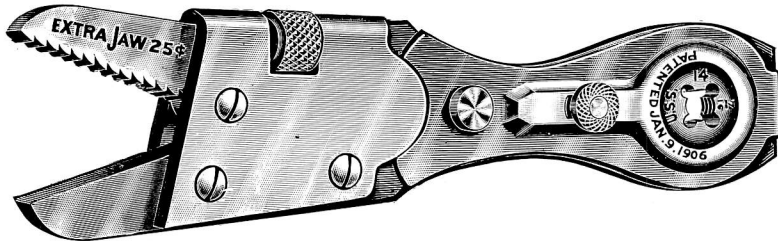
Style 893

Style 897 Pole Step is furnished complete with U Bolt ready to attach to poles. It is easily and quickly attached and a perfectly safe Step. It is provided with a $\frac{1}{2}$ " offset on end preventing foot from slipping off.

Style 896 Step is made from forged steel and is furnished complete with Bolt ready to attach.

Trade No.	DESCRIPTION	List Price
897-3	Step complete with U Bolt for 3" (3½" O. D.) Pipe, each...	\$0.85
897-4	" " " " " 4" (4½" O. D.) " " " "	.90
897-5	" " " " " 5" (5½" O. D.) " " " "	.95
897-6	" " " " " 6" (6½" O. D.) " " " "	1.00
897-7	" " " " " 7" (7½" O. D.) " " " "	1.05
897-8	" " " " " 8" (8½" O. D.) " " " "	1.10
896-3	Step complete with Bolt for 3" (3½" O. D.) Pipe, each.....	.40
896-4	" " " " " 4" (4½" O. D.) " " " "	.42
896-5	" " " " " 5" (5½" O. D.) " " " "	.45
896-6	" " " " " 6" (6½" O. D.) " " " "	.48
896-7	" " " " " 7" (7½" O. D.) " " " "	.51
896-8	" " " " " 8" (8½" O. D.) " " " "	.54
893-1	Standard Pole Step, $\frac{9}{16}$ " x 9" Plain, per C.....	31.40
893-2	" " " " $\frac{9}{16}$ " x 9" Galvanized, per C.....	38.50
893-3	" " " " $\frac{5}{8}$ " x 9" Plain, per C.....	33.50
893-4	" " " " $\frac{5}{8}$ " x 9" Galvanized, per C.....	42.40
893-5	" " " " $\frac{5}{8}$ " x 10" Plain, per C.....	40.00
893-6	" " " " $\frac{5}{8}$ " x 10" Galvanized, per C.....	49.00

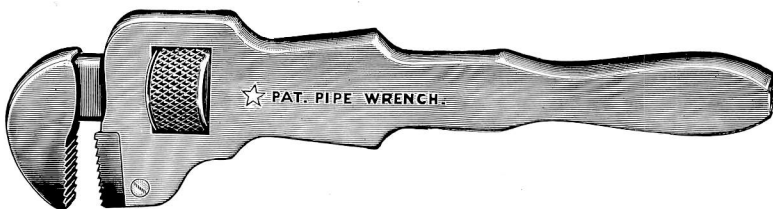
WRENCHES



Elgin Wrench

This Wrench is 7" long, weighs about 10¼ oz. and is as strong as any 8" Wrench. It works equally as well on pipe, rod, hexagon or square nuts one inch or less outside diameter. Furnished plain or with a ratcheting attachment to insert in handle to hold thread cutting dies or taps up to ½". This tool is extremely handy for signal maintainers and supervisors in installing and adjusting signal and electric apparatus.

Trade No.	DESCRIPTION	List Price
5-1	Elgin Wrench Only	\$1.50
5-2	Extra Jaw for above . . . . .	.38
5-3	Rethreading Attachment with One Die. Specify size	1.50
5-4	Extra Dies, 14-24, ¼", ⅜", ⅝", each . . . . .	.75
5-5	" " ⅜", ⅞", 1½" " " . . . . .	.75
5-6	Insert for holding Taps . . . . .	.75
5-7	Taps for Insert, 14-24, ¼", ⅜", ⅝", each . . . . .	.90
5-8	" " " ⅜", ⅞"	1.05

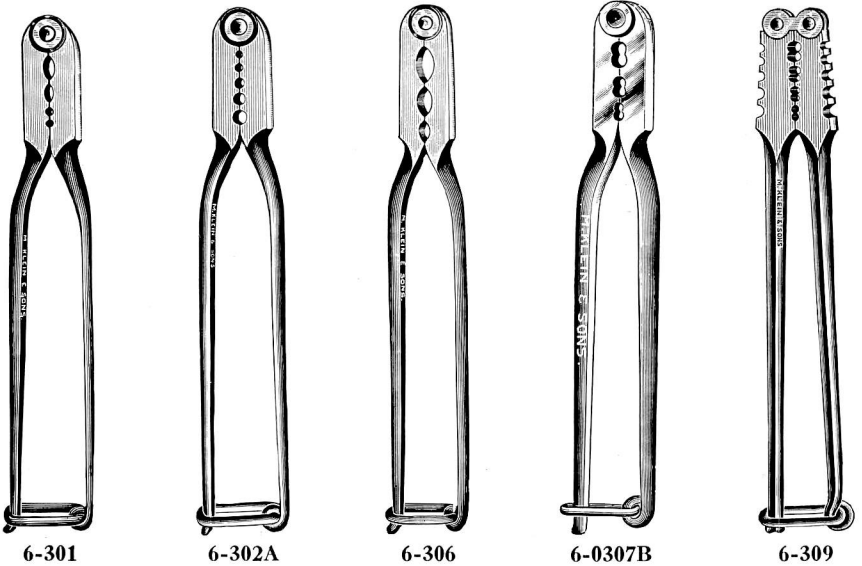


Star Pipe Wrench

The Star Pipe Wrench is extremely simple and strong, is sure to grip and has an easy let-go. There are but five parts and no springs, tooth parts are interchangeable at small cost if wear occurs. The lower steel tooth jaw is removable with a screw driver. There are no rivets in the wrench.

Trade No.	DESCRIPTION	List Price
5-10	10" Star Pipe Wrench takes Pipe 1¼" or smaller	\$2.25
5-14	14" " " " " " 2" " " "	3.00
5-18	18" " " " " " 3" " " "	4.00
5-24	24" " " " " " 4" " " "	6.00

TOOLS

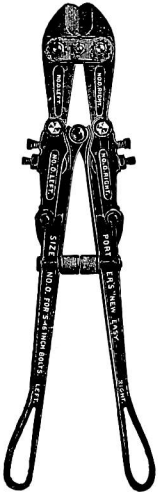


Splicing Clamps

The Clamps shown are made of very best steel and have spring tempered handles warranted not to bend out of shape after being closed on the wire.

Trade No.	DESCRIPTION	List Price
6-301	Splicing Clamp for Nos. 4, 6, 12 and 14 Iron Wire or Nos. 2, 4, 10 and 12 Copper Wire, length 10"	\$4.60
6-302A	Splicing Clamp for Nos. 6, 8, 10, 12 and 14 Iron Wire or Nos. 4, 6, 8, 10 and 12 Copper Wire, length 10½"	
6-306	Splicing Clamp for No. 0, 2 and 4 Copper Wire, length 10¾"	4.85
6-0307B	“ “ “ 0, 2 “ 4 B. & S. Gauge Sleeves	4.85
6-309	Combination Wire and Sleeve Clamp, five holes for Nos. 6, 8, 10, 12 and 14 Iron Wire, 4, 6, 8, 10 and 12 Copper Wire and 8, 10, 12 and 14 Sleeves, B. & S. Gauge, length 10¾"	10.60
		5.15

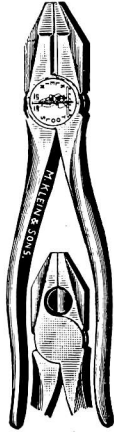
TOOLS



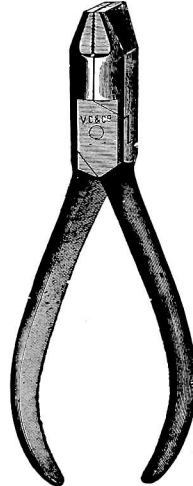
**Porter's Wire
Cutter**



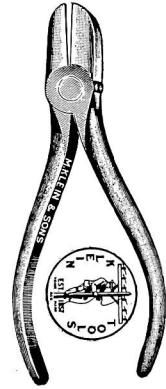
**Diamond
Special**



**World
Special**



Vom Cleff



**Oblique
Cutting**

Trade No.	DESCRIPTION	List Price
6-637	Porter's Wire Cutters, $\frac{3}{8}$ " , 24".....	\$9.30
6-638	“ “ “ $\frac{1}{2}$ " , 30".....	10.00
6-639	“ “ “ $\frac{3}{8}$ " , 36".....	15.75
6-639A	Same as above but with Rubber Insulated Handles, cuts $\frac{3}{8}$ " but opens $\frac{3}{4}$ ".....	13.85
6-639B	Same as above but cuts $\frac{1}{2}$ " , opens $1\frac{1}{2}$ ".....	15.75
6-312	"Diamond Special" Side Cutting Pliers, 5".....	2.85
6-312A	“ “ “ “ “ 6".....	3.58
6-312B	“ “ “ “ “ 7".....	4.30
6-312C	“ “ “ “ “ 8".....	5.15
6-312D	“ “ “ “ “ 9".....	5.70
6-312E	“ “ “ “ “ 10".....	7.85
6-1312	"World Special" Side Cutting Pliers, 5".....	2.85
6-1312A	“ “ “ “ “ 6".....	3.58
6-1312B	“ “ “ “ “ 7".....	4.30
6-1312C	“ “ “ “ “ 8".....	5.15
6-1312D	“ “ “ “ “ 9".....	5.70
6-1312E	“ “ “ “ “ 10".....	7.85
6-316	Vom Cleff Side Cutting Pliers, 4" , each.....	1.70
6-316A	“ “ “ “ “ $4\frac{1}{2}$ " “.....	1.85
6-316B	“ “ “ “ “ 5" “.....	2.00
6-316C	“ “ “ “ “ 6" “.....	2.30
6-316D	“ “ “ “ “ 7" “.....	3.00
6-316E	“ “ “ “ “ 8" “.....	4.00
6-3169	Oblique Cutting Pliers, 5" each.....	2.85
6-3170	“ “ “ “ 6" “.....	3.10

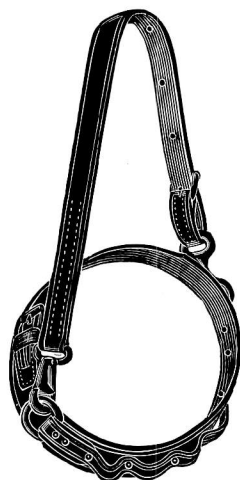
TOOLS



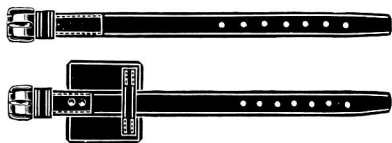
6-381



6-382



Belt and Safety Strap



Climber Straps



Safety Strap

Trade No.	DESCRIPTION	List Price
6-381	Eastern Climbers Riveted Strap Loops, without Straps, length 14" to 19" by 1/2" Variations (specify length), per pair . . .	\$5.00
6-382	Same as above but with Punched Strap Loops, per pair	5.70
6-382A	Eastern Climbers Straps consisting of Two Upper Straps with 4" x 4" Plain Leather Pads and Two Lower Straps, per set	2.85
6-382B	Same as above with Sheep Lined Pads, per set	3.55
6-382C	“ “ “ “ Felt “ “ “ “	3.55
6-384	Belt and Safety Strap, 2 1/4" Belt including Safety Strap, Strap 1 3/4" wide and 6' long with Snap at each end. May be shortened or lengthened as desired.	7.40
6-385	1 3/4" x 6' Safety Strap with Japanned Snaps, each	4.30
6-385R	1 3/4" x 6 1/2' “ “ “ “ Roller “ “	4.55
6-385S	1 3/4" x 6 1/2' “ “ “ “ Swivel Roller Snap	5.15
6-386	2" x 6' Safety Strap with Roller Snaps, each	5.15
6-383C	2 1/4" Double Belt, each	4.60

