LINE CONSTRUCTION PRICE LIST

All prices F. O. B. Chicago unless otherwise stated.

No. 103 When Ordering from this Price List Please Mention No. 103

Applying to Catalogue 1



PRICES CONTAINED HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE.

This qualification is made necessary on account of the unusual market conditions involving both price and source of supply on practically all material.

However, this price list will be valuable as a convenient reference for use in estimating on the cost of contemplated improvements or rebuilding.

Unpriced orders will be filled at the lowest market prices prevailing at the time of shipment. Priced orders will be filled on the same basis, unless the order specifies new quotations where material cannot be furnished at prices contained in the order.

KELLOGG SWITCHBOARD AND SUPPLY CO.
CHICAGO, ILLINOIS
The Only Exclusive Telephone Supply House

May, 1918

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www.kelloggtelephone.com

TO THE PURCHASER

TERMS

Our terms are 30 days net with discounts for cash payments within 10 days from date of invoice as stated for various lines of goods on latest net price sheet applying to this catalog. Purchasers unknown to us should have satisfactory bank or commercial references accompany their first order when it is desired to have same shipped on open account, and a remittance with first order will avoid the delay incident to the necessary credit investigation. Goods may be forwarded by freight with sight draft attached to bill of lading or by express collect on delivery, if a remittance, sufficient to pay express charges both ways, accompanies the order.

CHANGES AND CANCELLATIONS

Owing to the special nature of many construction materials, changes and cancellations of orders once entered cannot be made without our consent and on terms that will make good all loss and expenses incurred in preparing the order for shipment.

SHIPMENTS

Shipments are made according to directions received with orders. In their absence we will use our best judgment in making selections of routes. State whether we shall ship by freight, express or parcel post. It is our endeavor to ship standard goods immediately upon receipt of orders, and customers will greatly assist us in making prompt shipments if they will order by number and thus save delay in entering orders correctly.

CLAIMS

Goods are carefully packed by experienced men, and each article is checked three times before reaching the packing case. Claims for shortage should be made immediately upon receipt of goods, and should be accompanied by the packer's ticket, which is placed in each packing case. Do not deduct from your remittances any charges for freight or express, unless we shall have agreed to allow them.

Do not return goods without writing us, and in all cases when shipping goods back, notify us at once what disposition should be made of them. Transportation charges should be prepaid on all goods returned.

LIABILITY

We cannot be responsible for packages after having obtained "In good order" receipt from transportation company. All claims for breakage and damage should be made to the carrier.

PARCEL POST SHIPMENTS

Goods ordered to be shipped by parcel post will only be sent at purchaser's risk of loss or damage unless insured.

We reserve the right to insure mail shipments when we deem them of sufficient value. The additional postage charges incurred will be charged to the customer.

PRICES

We issue price lists from time to time which are subject to change without notice, and are f. o. b. factory unless otherwise stated; giving latest and lowest market prices upon all standard goods. In asking for quotations please state quantities desired. Please order all items by code number and name to avoid error.

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POLES AND POSTS

NORTHERN WHITE—WESTERN RED CEDAR

Note—We can furnish anything from 4", 16' poles to 8", 70'. Write for delivered prices stating quantity, sizes and point of delivery. We can mix fence posts in with poles in order to make up the carload.

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WOOD PRESERVATIVES

Per Gal.

K. R. WOOD PRESERVER—ALSO KNOWN AS CARBOLINEUM

Bbl. Per Gal.	½ Bbl. Per Gal.	Per Gal. 10 Gal.	5 Gal. Per Gal.
$0.65	$0.65	$0.75	$0.75

C. & A. WOOD PRESERVERS

	Gallon
Bbl. lots	$0.65
30 gal. drums	.65
10 gal. cans	.75
5 gal. cans	.75

F. O. B. Chicago, St. Louis or Minneapolis.
2% ten days.

CARBOSOTA GRADE ONE LIQUID CREOSOTE OIL

Per Gallon

Capacity	F. O. B. Chicago	F. O. B. Philadelphia	F. O. B. Cleveland
Bbls., approx. 50 gal.	.35 to .40	.35 to .40	.40 to .45
Half bbls., 25 to 30 gal.	.40 to .45	.40 to .45	.45 to .50
5 and 10 gal. cans	.60	.60	*.65

Capacity	F. O. B. Cincinnati	F. O. B. St. Louis	F. O. B. Kansas City
Bbls., approx. 50 gal.	.40 to .45	.40 to .45	.40 to .45
Half bbls., 25 to 30 gal.	.45 to .50	.45 to .50	.45 to .50
5 and 10 gal. cans	*.65	*.65	*.65

Note—Carbosota is a highly efficient creosoting material for cold brush treatment on pole butts, cross arms, pins and gains.

Terms—2% cash ten days, 30 days net.

McCORMICK FIR ARMS



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TELEPHONE ARMS 2¾x3¾

Per 100

Size and Length 2¾x3¾	F. O. B. Chicago		F. O. B. Kansas City		F. O. B. Minn.	F. O. B. Tra.
	Less than 1000 Lineal Feet	1000 Lineal Feet and over	Less than 1000 Lineal Feet	1000 Lineal Feet and over	Less than 1000 Lineal Feet	1000 Lineal Feet and over
24" 2 pin	$21.45	$19.07	$21.00	$18.67	$20.55	$18.27
30" 2 pin	26.81	23.83	26.25	23.33	25.69	22.83
36" 2 pin	32.18	28.60	31.50	28.00	30.83	27.40
42" 4 pin	37.54	33.37	36.75	32.67	35.96	31.97
62" 6 pin	55.41	49.25	54.25	48.22	53.09	47.19
* 82" 8 pin	73.29	65.14	71.75	63.78	70.21	62.41
102" 10 pin	91.16	81.03	89.25	79.33	87.34	77.63
120" 12 pin	107.25	95.33	105.00	93.33	102.75	91.33

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Page 6

RAILROAD ARMS 3x4¼

Per 100

3x4¼						
6' 4 pin..	$78.43	$69.71	.....	.....	$75.13	$66.79
6' 6 pin..	78.43	69.71	.....	.....	75.13	66.79
8' 6 pin..	104.57	92.94	.....	.....	100.18	89.05
8' 8 pin..	104.57	92.94	.....	.....	100.18	89.05
10' 8 pin..	130.71	116.18	.....	.....	125.22	111.31
*10' 10 pin..	130.71	116.18	127.96	113.75	125.22	111.31

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ELECTRIC LIGHT ARMS 3¼x4¼

Per 100

3¼x4¼						
3' 2 pin	$42.23	$37.54	$31.34	$36.75	$40.46	$35.96
4' 4 pin	56.31	50.05	55.12	49.00	53.94	47.95
5' 4 pin	70.39	62.57	68.91	61.25	67.43	59.94
6' 4 pin	84.46	75.08	82.69	73.50	80.92	71.93
6' 6 pin	84.46	75.08	82.69	73.50	80.92	71.93
8' 6 pin	112.62	100.10	110.25	98.00	107.89	95.90
8' 8 pin	112.62	100.10	110.25	98.00	107.89	95.90
8½' 10 pin	126.69	112.62	124.03	110.25	121.37	107.89
10' 8 pin	140.77	125.13	137.81	122.50	134.86	119.88
10' 10 pin	140.77	125.13	137.81	122.50	134.86	119.88
10' 12 pin	140.77	125.13	137.81	122.50	134.86	119.88

LONG LEAF YELLOW PINE ARMS TELEPHONE ARMS

Size and Length 2¾x3¾	F. O. B. Chicago or Kansas City			
	Standard Grade		75% Heart, Unpainted	
	Less than 1000 Lineal Ft.	1000 Lineal Ft. and over	Less than 1000 Lineal Ft.	1000 Lineal Ft. and over
* 24 in., 2 pin	$ 15.75	$ 14.00	$ 17.85	$15.87
* 30 in., 2 pin	19.69	17.50	22.31	19.83
* 36 in., 2 pin	23.63	21.00	26.78	23.80
* 42 in., 4 pin	33.07	24.50	31.24	27.77
* 62 in., 6 pin	40.69	36.16	46.11	40.99
* 82 in., 8 pin	53.81	47.83	61.00	54.21
*102 in., 10 pin	66.94	59.50	75.86	67.43
*120 in., 12 pin	78.75	70.00	89.25	79.33

ELECTRIC LIGHT ARMS

3¼x4¼				
* 3 ft., 2 pin..	$ 31.01	$ 27.56	$ 35.14	$31.24
* 4 ft., 4 pin..	41.34	36.75	46.86	41.65
* 5 ft., 4 pin..	51.68	45.94	58.57	52.07
* 6 ft., 4 pin..	62.02	55.12	70.28	62.48
* 6 ft., 6 pin..	62.02	55.12	70.28	62.48
* 8 ft., 6 pin..	82.69	73.50	93.71	83.30
* 8 ft., 8 pin..	82.69	73.50	93.71	83.30
* 8½ ft., 10 pin..	87.86	78.09	105.43	93.72
*10 ft., 8 pin..	103.36	91.87	117.14	104.13
*10 ft., 10 pin..	103.36	91.87	117.14	104.13
*10 ft., 12 pin..	103.36	91.87	117.14	104.13

Pin holes on above arms bored as follows: Telephone arms, 1¼"; electric light arms, 1½"; railroad arms, $\frac{9}{16}$".

Painted Yellow Pine Arms carried in stock, but we would recommend Fir Arms as being far superior. Special prices on carload quantities.

See catalog for weights and detail specifications.

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PINS

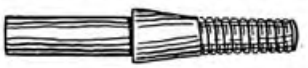
Per 1000



LOCUST

Size	Less than 250	250 to 1000	1000 to 2500
1¼"x8" Standard Grade....	$15.75	$14.00	$13.65
1½"x9" Standard Grade....	27.75	26.50	25.40
1¼"x8" Special Quality....	19.50	16.00	15.25
1½"x9" Special Quality....	27.50	26.25	25.15

TRANSPOSITION PINS—Locust



Size	Less 250	250 to 1000	1000 or over
1¼x 9"	$24.50	$23.50	$22.50

Terms—1% 10 days, 30 days net.

CORNER PINS COMPLETE WITH ⅜-INCH BOLTS AND ROUND WASHER



	Price Per 100
1¼x8" Kalkeen, plain bolt	$ 8.10
1¼x8" Kalkeen, galv. bolt	8.75
1¼x8" Locust, plain bolt	8.75
1¼x8" Locust, galv. bolt	9.35
1½x9" Kalkeen, plain bolt	8.75
1½x9" Kalkeen, galv. bolt	9.35
1½x9" Locust, plain bolt	9.35
1½x9" Locust, galv. bolt	10.00

DUPLEX INSULATOR PINS



Size	
1¼x11½" Painted Oak, per 1000	$20.65
1¼x11½" Locust, per 1000	35.00
1½x12" Painted Oak, per 1000	27.00
1½x12" Locust, per 1000	47.50

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WOOD POLE STEPS

Per 1000



Size	Less than 500	500 to 1000
1½x2¼x7" Painted oak	$10.50	9.50

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WOOD BRACKETS

Per 1000



WOOD BRACKETS—Continued

Code No. Packed in sacks of 100.	Less than 100	100 to 500	500 to 1000
1— ½x2 x12 Painted Oak	$22.75	$17.75	$15.25
2—3 x2¼x12 Painted Oak	26.50	24.00	21.50
3—1½x2¼x12 Painted Oak	23.50	18.50	16.00
4—1½x2 x10 Painted Oak	18.25	15.75	13.25
LD. 1⅝x2x12 Painted Oak	25.00	20.00	17.50
WU. 2x2⅜x12 Unpainted Oak	26.50	24.00	21.50

No. 1 and No. 2 brackets are most popular with telephone companies.

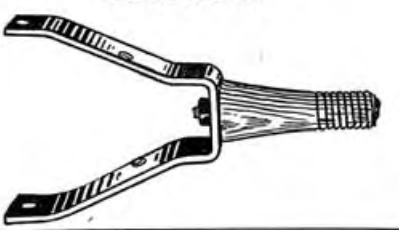
Steel brackets of all kinds listed under pole line hardware.

STEEL PINS, STANDARD WESTERN UNION, PARAFFINE TOPS



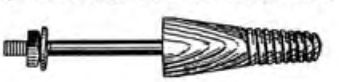
Size	Plain	Galv.
*½x9½" per 100	$16.00	$19.00
*⅝x9½" per 100	24.00	28.00

RIDGE IRONS



Code No.	Per 100 Galv.
*1	$30.00
*2	37.50

ALL WOOD TOP STEEL PINS



No.	F.O.B. Chicago	Plain Bolt	Galv. Bolt
10	per 100	$10.00	$10.65
11	per 100	12.70	13.50
20	per 100	10.65	11.50
21	per 100	13.50	14.35
22	per 100	14.10	15.00
30	per 100	16.90	18.05
40	per 100	18.60	20.00
50	per 100	18.75	20.20
60	per 100	20.60	22.20
70	per 100	18.20	20.20
71	per 100	22.75	24.35
80	per 100	20.80	22.31
81	per 100	25.30	27.20
90	per 100	28.10	30.60
91	per 100	34.20	37.50

STEEL PINS WITH WOOD TOP AND PORCELAIN BASE

No.	F.O.B. Chicago	Plain Bolt	Galv. Bolt
110	per 100	$12.35	$13.00
111	per 100	15.00	15.90
120	per 100	15.50	16.25
121	per 100	18.10	19.05
122	per 100	18.75	19.75
140	per 100	20.75	22.20
150	per 100	23.45	25.00
160	per 100	26.70	28.25
170	per 100	29.35	30.60
171	per 100	33.75	35.30
180	per 100	35.75	37.00
181	per 100	40.00	42.00
190	per 100	43.10	45.00
191	per 100	49.20	51.85

STEEL PINS WITH WOOD TOP AND CAST IRON BASES

No.	F.O.B. Chicago	Plain Bolt	Galv. Bolt
15	per 100	$15.25	$15.95
16	per 100	18.00	18.75

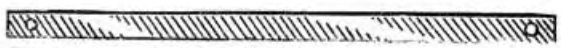
1% for cash 10 days.

Note—We also carry all wood top steel pins, steel pins with wood top and porcelain base, and steel pins with wood tops and cast iron bases in stock and will gladly quote prices upon application. These pins are generally used over railroad crossings.

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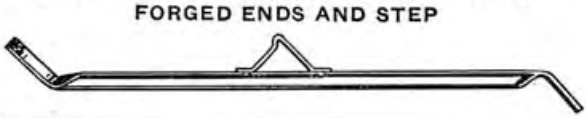
FLAT CROSS-ARM BRACES

Prices per 1000



	Less 250		250 to 500		500 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
1 x⅜x20	102.00	$130.00	$71.40	$91.00	$63.75	$81.25
1 x⅜x22	112.00	142.00	78.40	99.40	70.00	88.75
1 x⅜x24	124.00	156.00	86.80	109.20	77.50	97.50
1½x½x20	138.00	164.00	96.60	114.80	86.25	102.50
1½x½x22	150.00	180.00	105.00	126.00	93.75	112.50
1½x½x24	164.00	196.00	114.80	137.20	102.50	122.50
1½x½x26	168.00	210.00	124.60	147.00	111.25	131.25
1½x½x28	192.00	226.00	134.40	158.20	120.00	141.25
1½x½x30	206.00	244.00	144.20	170.80	128.75	152.50
1¼x¼x20	162.00	192.00	113.40	134.40	101.25	120.00
1¼x¼x22	178.00	212.00	124.60	148.40	111.25	132.50
1¼x¼x24	194.00	230.00	132.60	161.00	121.25	143.75
1¼x¼x26	210.00	248.00	147.00	173.60	131.25	155.00
1¼x¼x28	226.00	268.00	158.20	187.60	141.25	167.50
1¼x¼x30	242.00	286.00	169.40	200.20	151.25	178.75

ANGLE IRON ALLEY ARM BRACES WITH FORGED ENDS AND STEP



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	Galv. Per 100
1½x1½x⅛x5 feet long	$116.25
1½x1½x⅜x5 feet long	145.00
1¾x1¾x⅜x5 feet long	$150.00
1½x1½x⅜x6 feet long	148.75
1¾x1¾x⅜x7 feet long	187.50
1½x1½x⅜x7 feet long	177.50

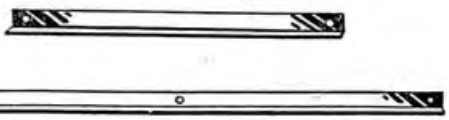
ANGLE IRON DOUBLE SPAN CROSS-ARM BRACES



	Centers	Drop	Galvanized	Plain
1½x1½x⅜	42″	12″	Prices on application	Prices on application
1½x1½x⅜	48″	14″		
1½x1½x⅜	60″	18″		
1½x1½x⅜	66″	20″		
1½x1½x⅜	72″	22″		

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ANGLE IRON VERTICAL BRACES



Furnished in	Galvanized or Plain
2 Arm 1½x1½x⅛	2 Arm 1½x1½x⅜
3 Arm 1½x1½x⅛	3 Arm 1½x1½x⅜
4 Arm 1½x1½x⅛	4 Arm 1½x1½x⅜
2 Arm 1½x1½x⅜	2 Arm 1¾x1¾x⅜
3 Arm 1½x1½x⅜	3 Arm 1¾x1¾x⅜
4 Arm 1½x1½x⅜	4 Arm 1¾x1¾x⅜

24-inch spacing. Prices on application.

CROSS-ARM BACK BRACES



	Galv. Per 100
1½x⅜x6′ flat	$156.25
1½x1½x⅛x5′ Angle Iron	118.75
1½x1½x⅛x6′ Angle Iron	143.75

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DOUBLE ARMING BOLTS

Price per 100



Price includes 4 nuts but no washers.

DOUBLE ARMING BOLTS—Cont'd.

	Less than 100		100 to 250		250 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
½x12	$17.80	$19.05	$12.45	$13.35	$11.10	$11.90
½x13	18.50	19.85	12.95	13.90	11.55	12.40
½x14	19.25	20.60	13.45	14.45	12.00	12.85
½x15	19.95	21.40	13.95	15.00	12.50	13.40
½x16	20.70	22.15	14.50	15.50	12.95	13.85
½x17	21.40	22.95	15.00	16.05	13.40	14.35

DOUBLE ARMING BOLTS—Continued

½x18	$22.15	$23.75	$15.50	$16.60	$13.85	$14.85
½x20	23.60	25.30	16.55	17.70	14.75	15.80
½x22	25.05	26.85	17.55	18.80	15.65	16.90
⅝x12	27.20	29.15	19.05	20.40	17.00	18.25
⅝x14	29.35	31.44	20.55	22.00	18.35	19.40
⅝x15	30.40	32.60	21.30	22.80	19.00	20.35
⅝x16	31.50	33.75	22.05	23.60	19.70	21.10
⅝x17	32.50	34.85	22.75	24.40	20.35	21.80
⅝x18	33.60	36.00	23.50	25.20	21.00	22.50
⅝x20	35.70	38.30	25.00	26.80	22.35	23.95
⅝x22	37.95	40.55	26.50	28.40	23.70	25.35
⅝x24	40.10	43.00	28.10	30.10	25.05	26.90
¾x12	40.35	41.70	28.25	29.20	25.20	26.05
¾x14	43.45	46.50	30.40	32.55	27.15	29.05
¾x15	44.95	48.15	31.45	33.70	28.10	30.10
¾x16	46.50	49.80	32.55	34.86	29.05	31.15
¾x17	48.00	51.45	33.60	36.00	30.00	32.15
¾x18	49.55	53.10	34.70	37.20	31.00	33.20
¾x20	52.65	56.40	36.85	39.50	32.90	35.35
¾x22	55.75	59.70	39.00	41.80	34.85	37.30

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MACHINE BOLTS OR CROSS-ARM THROUGH BOLTS

Per 100



	Less than 100		100 to 250		250 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
⅜x 3½	$ 3.28	$ 4.06	$ 2.30	$ 2.85	$ 2.05	$ 2.55
⅜x 4	3.46	4.25	2.45	3.00	2.15	2.70
⅜x 4½	4.70	5.05	3.29	3.55	2.95	3.15
⅜x 5	4.50	5.30	3.45	3.70	3.10	3.30
½x 4	6.85	7.35	4.80	5.15	4.30	4.60
½x 4½	7.20	7.75	5.05	5.40	4.50	4.85
½x 5	7.60	8.10	5.30	5.70	4.75	5.10
½x 6	8.30	8.90	5.80	6.25	5.20	5.55
½x 7	9.05	9.70	6.30	6.77	5.65	6.05
½x 8	9.80	10.48	6.85	7.35	6.10	6.55
½x 9	10.50	11.24	7.35	7.85	6.55	7.05
½x10	11.20	12.05	7.85	8.45	7.00	7.55
½x11	11.95	12.80	8.40	8.95	7.50	8.00
½x12	12.70	13.60	8.90	9.50	7.95	8.50
½x13	13.40	14.35	9.40	10.05	8.40	9.00
½x14	14.15	15.15	9.90	10.60	8.85	9.50
½x15	14.85	15.90	10.40	11.15	9.30	9.95
½x16	15.60	16.75	10.90	11.70	9.75	10.45
⅝x 8	14.20	15.20	9.95	10.65	8.90	9.50
⅝x 9	15.25	16.35	10.70	11.45	9.55	10.25
⅝x10	16.30	17.50	11.40	12.25	10.20	10.95
⅝x11	17.40	18.60	12.15	13.05	10.85	11.75
⅝x12	18.45	19.80	12.90	13.85	11.55	12.35
⅝x13	19.50	20.90	13.65	14.65	12.20	13.05
⅝x14	20.60	22.05	14.40	15.40	12.85	13.75
⅝x15	21.65	23.20	15.15	16.25	13.55	14.50
⅝x16	22.70	24.35	15.90	17.00	14.19	15.20
⅝x17	23.80	25.50	16.65	17.85	14.85	15.95
⅝x18	24.85	26.60	17.40	18.60	15.55	16.65
⅝x20	26.95	28.90	18.90	20.25	16.85	18.05
⅝x22	28.75	31.00	20.15	21.70	17.95	19.40
⅝x24	30.55	33.10	21.40	23.15	19.10	20.70
⅝x26	32.35	35.20	22.65	24.65	20.20	22.00
¾x10	23.90	25.55	16.70	17.90	14.95	16.00
¾x11	25.40	27.20	17.78	19.05	15.90	17.00
¾x12	26.95	28.90	18.90	20.20	16.85	18.05
¾x13	28.50	30.50	19.95	21.35	17.80	19.10
¾x14	30.05	32.15	21.00	22.50	18.75	20.10

MACHINE BOLTS—Continued

	Less than 100		100 to 250		250 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
¾x15	$31.55	$33.80	$22.10	$23.70	$19.75	$21.15
¾x16	33.10	35.50	23.15	24.85	20.70	22.20
¾x17	35.65	37.15	24.25	26.00	21.65	23.20
¾x18	36.20	38.80	25.35	27.15	22.65	24.25
¾x20	39.30	42.05	27.50	29.45	24.55	26.30

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CARRIAGE OR BRACE BOLTS

Per 100



	Less than 100		100 to 250		250 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
⅜x3	$2.85	$3.35	$2.00	$2.35	$1.80	$2.10
⅜x3½	3.05	3.55	2.15	2.50	1.90	2.25
⅜x4	3.25	3.80	2.25	2.65	2.05	2.35
⅜x4½	3.45	4.00	2.40	2.80	2.15	2.50
⅜x5	3.65	4.20	2.55	2.95	2.25	2.65
½x4	6.15	6.55	4.30	4.60	3.85	4.10
½x4½	6.55	7.00	4.60	4.90	4.10	4.40
½x5	7.00	7.45	4.90	5.20	4.40	4.65
½x6	7.85	8.35	5.50	5.85	5.00	5.20

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GIMLET POINT LAG SCREWS

Per 100



	Less than 250		250 to 500		500 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
⅜x2¼	$3.55	$4.05	$2.50	$2.85	$2.20	$2.55
⅜x3	3.80	4.40	2.70	3.05	2.40	2.75
⅜x3½	4.15	4.75	2.90	3.30	2.55	2.95
⅜x4	4.40	5.05	3.10	3.55	2.75	3.15
⅜x4½	4.70	5.35	3.25	3.75	2.95	3.35
⅜x5	5.00	5.70	3.50	4.00	3.10	3.55
½x2½	4.90	5.65	3.45	3.95	3.05	3.50
½x3	5.30	6.10	3.70	4.25	3.35	3.80
½x3½	5.70	6.55	4.00	4.55	3.55	4.10
½x4	6.10	7.00	4.25	4.90	3.80	4.38
½x4½	6.50	7.45	4.55	5.20	4.05	4.65
½x5	6.90	7.90	4.85	5.55	4.30	4.95
½x6	7.70	8.80	5.40	6.15	4.80	5.50
½x7	8.50	9.70	5.95	6.80	5.30	6.10

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WELDED EYE BOLTS



	Per 100 Plain	Per 100 Galvanized
½x6	$13.15	$14.05
½x8	14.05	15.05
½x10	14.95	16.00
½x12	15.85	17.10
½x14	16.80	18.00
½x16	17.70	19.00
½x18	18.65	19.95
½x20	19.55	20.90
⅝x8	17.50	18.75

WELDED EYE BOLTS—Continued

	Per 100 Plain	Per 100 Galv.
5/8x10	$18.85	$20.20
5/8x12	20.20	21.60
5/8x14	21.50	23.05
5/8x16	22.85	24.50
5/8x18	23.90	25.90
5/8x20	25.55	27.30
3/4x10	26.30	28.20
3/4x12	28.25	30.24
3/4x14	30.15	32.30
3/4x16	32.10	34.35
3/4x18	34.00	36.40
3/4x20	35.95	38.50

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TURNBUCKLES



	List per 100 Two Eyes	List per 100 Hook and Eye
1/2x6	$ 75.90	$ 77.05
1/2x9	101.20	102.92
1/2x12	126.50	129.95
5/8x9	126.50	129.95
5/8x12	151.80	155.25
3/4x9	172.50	175.95
3/4x12	189.75	193.20

1% cash 10 days.

BUTT PLATE OR HUB GUARD



They add very materially to the life of poles; set in certain locations.

	Galv. Per 100
15x18	$149.50
18x22	230.00

STRAIN PLATES

	Galv. Per 1000
4x8 No. 14 gauge	$12.00

POLE PROTECTION STRIPS OR CRIBBING GUARDS



	Galv. Per 100
2 inches by 4 feet by No. 24 gauge	$9.00

WIRE ROPE THIMBLES

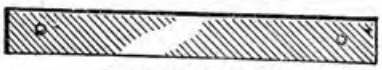


Per 100

	Less than 100 Galv.	100 to 500 Galv.	500 to 1000 Galv.
1/4	$ 5.50	$ 3.85	$ 3.45
5/16	6.60	4.60	4.10
3/8	7.80	5.45	4.85
7/16	8.80	6.15	5.50
1/2	10.00	7.00	6.25
5/8	16.00	11.20	10.00
3/4	19.00	13.30	11.65

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POLE SHIMS



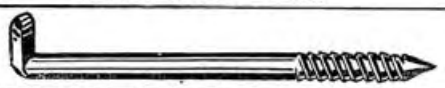
F. O. B. Chicago.
Per 100

	Less than 100		100 to 500		500 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
1 x 3/16x8	$5.30	$6.40	$3.70	$4.48	$3.30	$4.00
1 1/4 x 3/16x8	6.00	7.00	4.20	4.90	3.75	4.40

Terms—1% cash 10 days.

Cat. No. 1
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IRON POLE STEPS

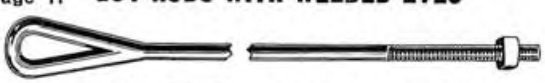


	Less than 100		100 to 500		500 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
3/16x9	$68.00	$84.00	$47.60	$58.80	$42.50	$52.50
5/8x9	84.00	104.00	58.80	72.80	52.50	65.00
5/8x10	92.00	114.00	64.40	79.80	57.50	71.25

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GUY RODS WITH WELDED EYES

Per 100



	Less than 10		10 to 25		25 to 50	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
1/2x5	$39.10	$52.90	$27.40	$37.05	$24.45	$33.05
1/2x6	44.90	60.70	31.45	42.50	28.05	38.20
1/2x7	50.65	68.55	35.45	47.95	31.65	42.85
5/8x5	54.40	73.60	38.10	51.50	34.00	46.00
5/8x6	62.90	85.10	44.05	59.60	39.30	53.20
5/8x7	71.40	96.60	50.00	67.60	44.62	60.40
5/8x8	79.90	108.10	55.93	75.65	49.95	67.55
3/4x5	91.80	124.20	64.25	86.95	57.40	77.65
3/4x6	104.30	141.10	73.00	98.75	65.20	88.20
3/4x7	116.80	158.00	81.75	110.60	73.00	98.75
3/4x8	129.20	174.80	90.45	122.35	80.75	109.25
3/4x9	218.20	295.20	152.75	206.65	136.40	184.50
1x8	262.30	354.95	183.60	248.45	163.95	221.85

1% 10 days.

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GROUND RODS

Per 100

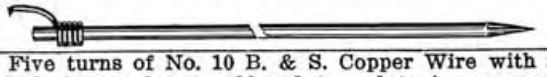


	Less than 10		10 to 50		50 to 100	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
3/8x5	$22.80	$33.20	$15.96	$23.24	$14.25	$20.75
3/8x6	25.40	37.00	17.78	25.90	15.88	23.13
1/2x5	32.00	42.40	22.40	29.68	20.00	26.50
1/2x6	36.60	49.50	25.60	34.65	22.90	30.95
1/2x7	42.00	56.00	29.40	39.20	26.25	35.00
5/8x6	54.00	72.00	37.80	50.40	33.75	45.00
5/8x7	63.00	84.00	44.10	58.80	39.40	52.50
5/8x8	72.00	96.00	50.40	87.20	45.00	60.00

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WIRED GROUND RODS

Per 100



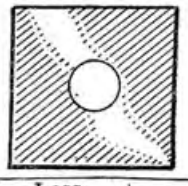
Five turns of No. 10 B. & S. Copper Wire with a 6-inch free end are soldered to rod to insure good connections.

	Less than 10 Galv.	10 to 50 Galv.	50 to 100 Galv.
1/2x5	$58.00	$40.60	$36.25
1/2x6	64.00	44.80	40.00
5/8x6	97.00	67.90	60.62

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SQUARE WASHERS

Per 100

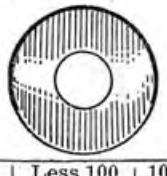


	Less than 100		100 to 500		500 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
2 x2 x1/8" for 1/2 and 5/8" bolt	$1.62	$2.12	$1.13	$1.48	$1.01	$1.32
2 1/4 x2 1/4 x 3/16" for 5/8 and 3/4" bolt	2.60	3.40	1.82	2.38	1.63	2.13
3 x3 x 3/16" for 3/4" bolt	4.80	6.40	3.36	4.48	3.00	4.00
4 x4 x 3/16" for 3/4 and 1" bolt	8.70	11.40	6.09	7.98	5.45	7.13
5 x5 x 3/16" for 1, 1 1/4 & 1 1/2" bolt	13.00	17.00	9.10	11.90	8.12	10.62

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ROUND WASHERS

Per 100

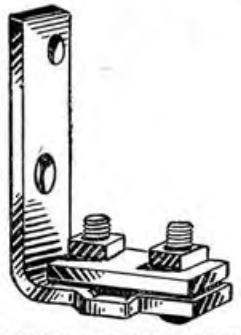


	Less 100		100 to 500		500 to 1000	
	Plain	Galv.	Plain	Galv.	Plain	Galv.
1 1/8" Diam., 3/16" Hole	$0.32	$0.48	$0.22	$0.34	$0.20	$0.30
1 3/8" Diam., 3/16" Hole	.62	.88	.43	.62	.39	.55
1 1/4" Diam., 11/16" Hole	1.00	1.60	.70	1.12	.63	1.00
2 " Diam., 13/16" Hole	1.40	1.94	.98	1.35	.88	1.24

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UNIVERSAL MESSENGER HANGERS

Per 100



		Galv.
No. 1	1/2x2	$34.50
No. 2	3/8x1 3/4	31.80

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NON-BREAKABLE MESSENGER HANGER

Per 100



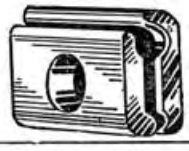
Non-Breakable Messenger Hanger.....$28.45

Made with two sizes of grooves, one for 5/16-inch strand and smaller, the other for 3/8-inch strand and larger. When ordering specify the size of strand to be used.

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CABLE SUSPENSION CLAMP

Per 100

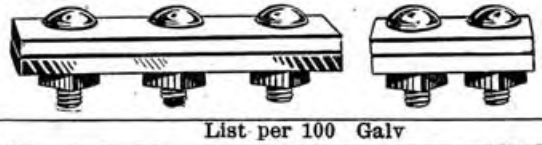


2 1/16 x 1/2" 1 bolt.....$18.00

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ROLLED STEEL GUY CLAMPS

Per 100



List per 100 Galv

	Less than 50	50 to 100	100 to 500
2 Bolt 3-inch	$23.40	$16.40	$14.65
3 Bolt 4-inch	31.40	22.00	19.40
3 Bolt 6-inch	37.00	25.90	23.10

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UNIVERSAL MALLEABLE IRON GUY CLAMPS

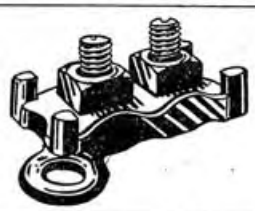
Per 100



2 Bolt	$15.00
3 Bolt	18.00

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MATTHEWS' TWO-BOLT CLAMPS

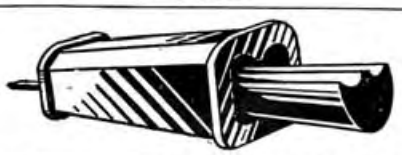


Will hold five times as much as ordinary three-bolt clamp.

	Each
Less than 1000	$0.32
1000 and over	.32
Chain Levers	2.50

Cat. No. 1
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MATTHEWS' BOLTLESS GUY CLAMPS

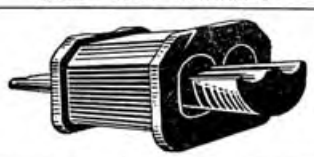


Made in two sizes, the Giant and the Baby. The Giant is designed for use with 5/16-, 3/8- and 7/16-inch strand and the Baby for use on 1/4- and 5/16-inch strand. There can be no slipping for the heavier the strain the tighter the wedge is pulled. It requires but three minutes to install. Will hold all the strain you will care to put on the strand.

GIANT GUY CLAMPS

	Per 100
Less than 500	$19.00
500 to 1000	18.00
1000 or over	17.00

BABY GUY CLAMPS



	Per 100
1—500	$11.50
500—1000	11.00
1000 or over	10.50

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WIRE ROPE CLIPS

Per 100



Size	Less than 100 Galv.	100 to 250 Galv.	250 to 500 Galv.
1/4	$ 8.00	$ 5.60	$ 5.00
5/16	8.80	6.15	5.50
3/8	11.00	7.70	6.85
1/2	15.20	10.65	9.50
5/8	20.50	14.35	12.90

1% 10 days.

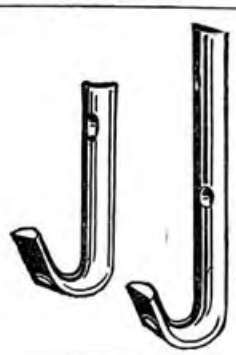
CROSBY WIRE ROPE CLIPS

Per 100

	F.O.B. Chicago Per 100 Galv.	F.O.B. Kansas City Per 100 Galv.
1/4	$21.25	$21.55
5/16	21.25	21.55
3/8	23.75	24.35
1/2	25.00	25.65
5/8	46.85	47.50

Terms—1% cash 10 days.

GUY HOOKS



	Less than 100	100 to 250
1½x⅜x4-inch 1 bolt	$12.70	$8.89
1½x⅜x6-inch 2 bolt	15.00	10.50
1¾x⅜x4-inch 1 bolt	15.00	10.50

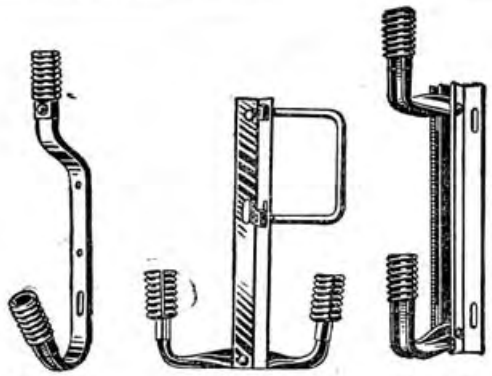
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STEEL BRACKETS

Nos. 5, 6, 7, 8, 9, 10, 11, 12, 18, 19, 20, 21, 22, 23, 24 and 25. Prices on application.

Note—On Brackets Nos. 18, 19, 20, 22 and 23 U Bolts for 3¼ and 4¼ Cross-Arms are furnished. If they are for use on a larger arm, order should specify size of arm on which Bracket will be used.

STEEL BRACKETS—Continued



No. 236 No. 227 No. 110

STEEL BRACKETS

Code No.	Standard Bundle Contains	Price per 100	
		Less than Standard Bundle	25 to 100 to 500
236	25	$21.40	$19.20
227	20	41.82	37.00
110	25	27.06	24.20

F. O. B. Pittsburgh, Pa.

CORNER FIXTURES

500	20	14.76	13.20



Corner Fixture—20 cent fee allowed on shipments of 200 lbs. or more.

F. O. B. Pittsburgh, Pa.

2% 10 days.

Cat. No. 1 Page 14 NO. 1 MARLINE CABLE HANGERS — Per 1000

25 pair 9″ 2 ply	$ 8.65
50 pair 11″ 2 ply	9.35
75 pair 12″ 2 ply	9.95
100 pair 14″ 3 ply Houseline	11.13
150 pair 15″ 3 ply Houseline	11.65
200 pair 16″ 3 ply Houseline	12.20

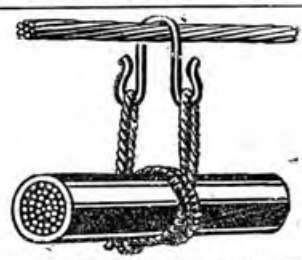
NO. 3 A T. & T. MARLINE HANGERS

	Per 1000
25 pair 3 ply Houseline	$10.45
50 pair 3 ply Houseline	11.55
75 pair 3 ply Houseline	12.05
100 pair 3 ply Houseline	13.15
150 pair 3 ply Houseline	13.70
200 pair 3 ply Houseline	14.20

Cat. No. 1 Page 14 "SWISHER" CABLE HANGER — Price per 1000

	Less than 1000	1000 and over
25 pair	$12.25	$10.45
50 pair	13.35	11.35
75 pair	14.40	12.25
100 pair	15.45	13.15
150 pair	16.55	14.05
200 pair	17.60	14.95
250 pair	19.50	16.56
300 pair	22.40	19.05
400 pair	27.75	23.60

Cat. No. 1 Page 14 PIERCE STANDARD CABLE HANGER — Price per 1000



Size Cable Style	Standard Quantity	Price per 1,000
25 pair 2 ply Marline	2000	$10.10
50 pair 2 ply Marline	2000	11.15
75 pair 2 ply Marline	2000	12.20
25 pair 3 ply Houseline	2000	12.20
50 pair 3 ply Houseline	2000	13.30
75 pair 3 ply Houseline	2000	14.35
100 pair 3 ply Houseline	2000	15.40
150 pair 3 ply Houseline	2000	16.50
200 pair 3 ply Houseline	2000	17.55
250 pair 3 ply Houseline	1000	19.40
300 pair 3 ply Houseline	1000	22.30
400 pair 3 ply Houseline	1000	27.60

Less Standard packages, 10%

Cat. No. 1 Page 20 AERIAL CABLE RINGS — Per 1000



Standard-Type A Lapped-Type B Double-Hook Type D

	Per 1000	
	List	Standard Package Contains
1¾″ Std. A	$12.00	1000
1¾″ Lapped B	13.00	1000
1¾″ D. Hook	14.50	1000
2″ D. Hook	15.50	1000
2¼″ D. Hook	16.50	500

AERIAL CABLE RINGS—Continued

	List	Standard Package Contains
2½" D. Hook	$18.00	500
3" D. Hook	20.00	250
3½" D. Hook	24.00	500

Discounts in Standard Package, 15%.

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CRIMPING PLIERS

Price Each



	F. O. B. Chicago Price, Each	F. O. B. Kansas City Price, Each
No. 1	$2.75	$2.85
No. 2	3.85	4.00

Terms: 1% cash 10 days.

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DAVIDSON CABLE HANGERS

Price per 1000



Price Per Thousand

Cable	Per 1000
*No. 1— 5 to 25 Pr.	$ 8.00
*No. 2— 30 to 150 Pr.	10.00
*No. 3—175 to 300 Pr.	14.00
*No. 4—Spec. for R. R. work	16.00

Resale: Less than 5,000, net; 5,000 or more, 5%.

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NEVER SLIP CABLE RINGS.

No.	Size	Weight per 1000	Price per 1000
2	2 inch	175 lbs.	$18.00
2½	2½ inch	200 lbs.	20.00
3	3 inch	235 lbs.	22.50
3½	3½ inch	270 lbs.	25.00

Discounts:

Less than 1,000.....Add 10%
1,000 to 10,000.....List price
10,000 to 20,000.....10% off list
20,000 and over.....Open

2% 10 days.

SPRING ON CABLE RINGS

Prices on Application.

DIAMOND DRIVE RINGS

	Per 1000
½ inch	$ 6.25
1¼ inch	15.75

F. O. B. New York, 2% 10 days.

ENAMELED AND HOT GALVANIZED BRIDLE RINGS



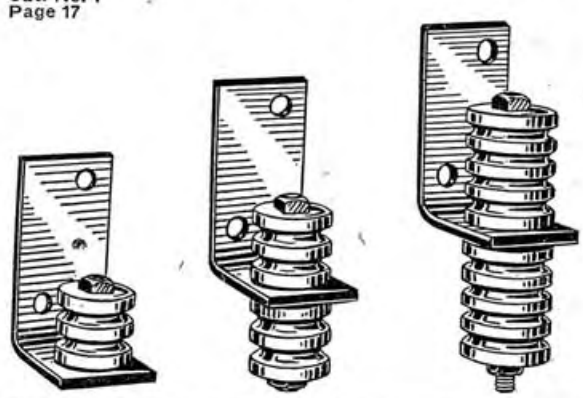
BRIDLE RINGS—Continued

Style	Eye	Length Shank	Enameled Price per 1000 Light	Enameled Price per 1000 Heavy	Per 1000 Galv.
A	1⅝"	1¼"	$47.50	$50.00	$28.15
B	1⅝"	⅞"	47.50	50.00	28.15
C	1¼"	1¼"	45.00	47.50	22.50
D	1¼"	⅞"	45.00	47.50	22.50
E	⅝"	⅞"	33.75	36.25	9.40
F	3 "	1¼"	.....	75.00	62.50
G	3 "	1¾"	.....	75.00	62.50

2% 10 days.

GALVANIZED HOUSE AND POLE BRACKETS

Cat. No. 1 Page 17



Brackets Only

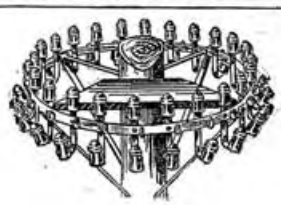
	Price per 100 Less than 25	25 to 100	100 to 500
⅜x1¾, House	$12.00	$ 9.60	$ 7.50
¼x2, Pole	16.80	11.75	10.50

GALVANIZED BOLTS FOR MOUNTING KNOBS

	Price per 100 Less than 25	25 to 100	100 to 500
⅝x2 —Stove	$1.82	$1.27	$1.14
⅝x3½—Stove	2.38	1.67	1.49
⅜x3 —Stove	3.64	2.55	2.28
⅜x5½—Stove	4.90	3.43	3.06
⅝x2 —Machine	2.84	1.99	1.78
⅝x3½—Machine	3.30	2.31	2.06
⅜x3 —Machine	3.84	2.69	2.40
⅜x5½—Machine	5.52	3.86	3.45

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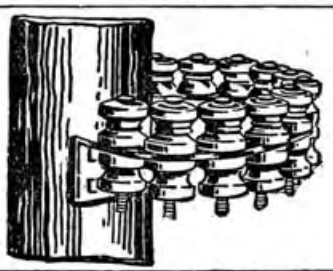
DISTRIBUTING CIRCLE AND SEAT



24 pair	$29.30	48 pair	$29.31
Each			$15.18
Each			$17.30

Cat. No.1
Page 17

HORSESHOE KNOB RACK

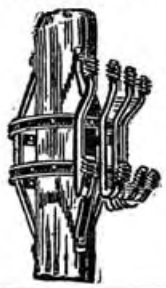


Rack made of 1½x¼-inch flat steel, hot forged.

11 Knobs	$ 29.75	Prices per 100	135.20
22 Knobs	$ 29.76	Prices per 100	172.64

Cat. No.1
Page 17

SMALL DISTRIBUTING CIRCLE



	Price per 100		
Circle complete	$29.40	Each	$5.60
Circle and braces, only	29.41	Each	2.63
Brackets and bolts, only	29.42	Each	.21

Cat. No. 1
Page 18

VERTICAL KNOB RACK



Has solid drop forged eye bolts. Very secure fastening for twisted pair telephone wires.

No. 2900—4 Knobs, 2½ lbs	$52.00
No. 2901—6 Knobs, 3 lbs	68.64
No. 2902—8 Knobs, 4¾ lbs	85.28

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Page 18

COPPER SLEEVES FOR COPPER WIRE



Gauge No. B.&S.	B.W.G.	N.B.S.	Per 1000
8	10	....	$39.00
9	11	....	35.25
10	12	12	25.00

COPPER SLEEVES—Continued

Gauge No. B.&S.	B.W.G.	N.B.S.	Per 1000
12	14	14	$20.00
14	16	....	19.00
16	18	....	17.50
17	....	....	16.75

(Half length sleeves less 50%)

DOUBLE TUBE TINNED STEEL SLEEVES

Gauge Nos.	Per 1000
8 B.W.G.	$30.00
9 B.W.G.	23.00
10 B.W.G.	22.00
12 B.W.G.	18.00
14 B.W.G.	16.50

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Page 18

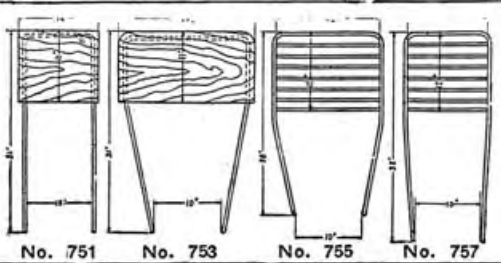
TINNED COPPER SLEEVES FOR IRON WIRE

	Additional Per 1000
Tinned Copper Sleeves, Nos. 6 to 17	$10.00
Split Copper Sleeves	2.00
Combination Copper Sleeves	2.00

Cat. No. 1
Page 19

CABLE POLE SEATS

Price Each



No. 751 No. 753 No. 755 No. 757

F. O. B. Pittsburgh.
2% 10 days.
Frt. allow 20c cwt. on 200 pounds or more.

No. 750—Painted.	Each	$1.25
No. 751—Galvanized.	Each	1.44
No. 752—Painted.	Each	1.80
No. 753—Galvanized.	Each	1.99
No. 754—Painted.	Each	1.37
No. 755—Galvanized.	Each	1.73
No. 756—Painted.	Each	1.37
No. 757—Galvanized.	Each	1.73

NEVER CREEP ANCHORS

Cat No. 1 Page 21	Size of Plate	Size of Rod	Wt. in Pounds	Price
510-½	5½x10"	½"x5'	7	$1.06
		½"x6'	8	1.13
615-½	6½x15"	½"x5'	10	1.41
		½"x6'	11	1.48
615-⅝	6½x15"	⅝"x6'	13½	1.83
		⅝"x7'	14½	2.04
620-⅝	6½x20"	⅝"x6'	16	2.19
		⅝"x7'	17	2.40
		⅝"x8'	18	2.61
820-⅝	8½x20"	⅝"x6'	20	2.61
		⅝"x7'	21	2.82
		⅝"x8'	22	3.03

(Continued on Page 14)

Cat. No. 1
Page 20

IRON WOOD SCREWS.



Price Per Gross

1/4 Inch.		
No.		$
0	@	.72
1	"	.72
2	"	.72
3	"	.72
4	"	.72

1 1/4 Inch.		
No.		$
3	@	.88
4	"	.92
5	"	.98
6	"	1.05
7	"	1.10
8	"	1.15
9	"	1.20
10	"	1.30
11	"	1.40
12	"	1.55
*13	"	1.70
14	"	1.90
15	"	2.15
16	"	2.50
17	"	2.75
18	"	3.30
20	"	4.00
22	"	4.80
24	"	5.40

3 Inch.		
No.		$
6	@	2.95
7	"	3.00
8	"	3.05
9	"	3.10
10	"	3.15
11	"	3.20
12	"	3.30
13	"	3.40
14	"	3.50
*15	"	3.80
16	"	4.20
17	"	4.80
*18	"	5.50
20	"	6.50
22	"	7.50
*24	"	8.70
26	"	10.50

3/8 Inch.		
No.		$
0	@	.72
1	"	.72
2	"	.72
3	"	.72
4	"	.72
5	"	.75
6	"	.78
7	"	.82
8	"	.88
9	"	.94

1 1/2 Inch.		
No.		$
3	@	.98
4	"	1.05
5	"	1.10
6	"	1.15
7	"	1.20
8	"	1.30
9	"	1.35
10	"	1.40
*11	"	1.50
12	"	1.65
13	"	1.80
14	"	2.00
15	"	2.35
16	"	2.80
17	"	3.20
18	"	3.80
20	"	4.30
22	"	5.10
24	"	5.90

3 1/2 Inch.		
No.		$
8	@	3.90
9	"	4.00
10	"	4.10
11	"	4.20
12	"	4.30
13	"	4.40
14	"	4.50
15	"	4.75
16	"	4.95
17	"	5.40
18	"	6.15
*20	"	7.30
*22	"	8.70
24	"	10.20
26	"	12.00

1/2 Inch.		
No.		$
1	@	.72
2	"	.72
3	"	.72
4	"	.75
5	"	.78
6	"	.80
7	"	.84
8	"	.90
9	"	.96
10	"	1.05
11	"	1.10
12	"	1.20

1 3/4 Inch.		
No.		$
5	@	1.30
6	"	1.35
7	"	1.45
*8	"	1.50
9	"	1.55
10	"	1.60
11	"	1.70
12	"	1.80
13	"	2.00
14	"	2.25
15	"	2.60
16	"	2.90
17	"	3.50
18	"	4.00
20	"	4.50
22	"	5.20
24	"	6.00

4 Inch.		
No.		$
8	@	4.90
9	"	5.10
10	"	5.20
11	"	5.30
12	"	5.40
13	"	5.60
14	"	5.90
15	"	6.20
16	"	6.50
17	"	7.00
*18	"	7.60
20	"	8.60
22	"	9.70
24	"	11.20
26	"	14.00
28	"	16.00
30	"	18.50

5/8 Inch.		
No.		$
1	@	.72
2	"	.72
3	"	.72
4	"	.75
5	"	.78
6	"	.82
7	"	.86
8	"	.92
9	"	.98
10	"	1.07
11	"	1.12
12	"	1.20
13	"	1.25
14	"	1.30

2 Inch.		
No.		$
5	@	1.45
6	"	1.50
7	"	1.55
8	"	1.60
9	"	1.65
10	"	1.75
11	"	1.85
12	"	2.00
13	"	2.20
14	"	2.45
15	"	2.75
16	"	3.10
17	"	3.70
18	"	4.20
*20	"	4.80
22	"	5.50
24	"	6.40

4 1/2 Inch.		
No.		$
12	@	7.00
13	"	7.20
14	"	7.60
15	"	7.85
*17	"	8.60
18	"	9.15
20	"	9.85
22	"	11.20
24	"	13.50
26	"	16.00
28	"	18.50
30	"	21.50

3/4 Inch.		
No.		$
2	@	.72
3	"	.75
4	"	.78
5	"	.82
6	"	.85
7	"	.90
8	"	.95
9	"	1.00
10	"	1.10
11	"	1.15
12	"	1.25
13	"	1.35
14	"	1.50
15	"	1.65
16	"	1.80

2 1/4 Inch.		
No.		$
5	@	1.55
6	"	1.60
7	"	1.65
8	"	1.75
9	"	1.85
10	"	1.95
11	"	2.05
12	"	2.20
13	"	2.35
14	"	2.65
15	"	3.10
*16	"	3.50
17	"	3.85
18	"	4.55
20	"	5.30
22	"	6.10
24	"	6.90

5 Inch.		
No.		$
12	@	8.10
13	"	8.30
14	"	8.60
15	"	9.10
16	"	9.70
17	"	10.10
18	"	11.00
20	"	11.50
22	"	13.00
24	"	15.00
26	"	18.00
28	"	21.00
30	"	24.00

7/8 Inch.		
No.		$
2	@	.74
3	"	.78
4	"	.82
5	"	.85
6	"	.90
7	"	.94
8	"	1.00
9	"	1.05
10	"	1.15
11	"	1.25
12	"	1.35
13	"	1.45
14	"	1.55
15	"	1.75
16	"	2.00

2 1/2 Inch.		
No.		$
5	@	1.90
6	"	2.00
7	"	2.10
8	"	2.20
9	"	2.30
10	"	2.40
11	"	2.50
12	"	2.60
13	"	2.70
14	"	2.90
15	"	3.30
16	"	3.65
*17	"	4.20
18	"	4.70
20	"	5.80
22	"	6.70
24	"	7.50

6 Inch.		
No.		$
12	@	10.00
13	"	10.30
14	"	11.00
15	"	11.60
16	"	12.40
17	"	13.00
18	"	14.50
20	"	16.00
22	"	18.00
24	"	20.00
26	"	23.00
28	"	27.00
30	"	30.50

1 Inch.		
No.		$
3	@	.80
4	"	.84
5	"	.87
6	"	.92
7	"	.98
8	"	1.05
9	"	1.10
10	"	1.20
11	"	1.30
12	"	1.40
13	"	1.60
14	"	1.70
15	"	2.00
*16	"	2.50
17	"	2.70
18	"	2.80
20	"	3.50

2 3/4 Inch		
No.		$
6	@	2.40
7	"	2.60
8	"	2.70
9	"	2.80
10	"	2.90
11	"	3.00
12	"	3.10
13	"	3.20
14	"	3.30
15	"	3.60
*16	"	3.90
17	"	4.50
18	"	5.00
*20	"	6.10
22	"	7.20
24	"	8.50

*The number of Gross in a Bundle is indicated by small figures on the side, divided by a star (*).

DISCOUNTS

Flat Head	70%
Round Head Blued	65%
Round Head and Oval	65%
Nickel Plated	55%

For Galvanized Screws add 25c per lb.

NEVER CREEP ANCHORS—Continued

	Size of Plate	Size of Rod	Wt. in Pounds	Price
820-¾	8½x20″	¾″x6′	23	3.17
		¾″x7′	24	3.38
		¾″x8′	25	3.60
825-⅝	8½x25″	⅝″x6′	22	3.17
		⅝″x7′	23	3.38
		⅝″x8′	24	3.60
825-¾	8½x25″	¾″x6′	25	3.67
		¾″x7′	27	3.88
		¾″x8′	29	4.09
830-¾	8½x30″	¾″x6′	30	4.02
		¾″x7′	32	4.23
		¾″x8′	34	4.44
835-¾	8½x35″	¾″x6′	35	4.94
		¾″x7′	37	5.15
		¾″x8′	39	5.36
835-1	8½x35″	1″x7′	44	6.49
		1″x8′	47	6.77
		1″x9′	50	7.05
1040-1	11 x40″	1″x7′	62	7.90
		1″x8′	64	8.18
		1″x9′	66	8.46

Lots of 100 to 250—5%.
Lots of 250 to 500—7½%.
Lots of 500 and over—10%.

Prices quoted includes galvanized rod. F. O. B. Chicago, Illinois, 2% 10 days. Net 30 days.

TOOLS FOR NEVER CREEP ANCHORS

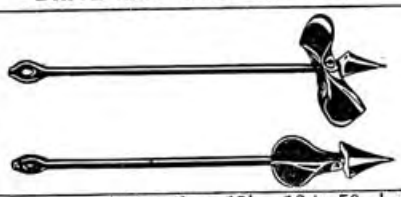
Combination Plate Holder and Tamping Bar (10′ Handle)	$1.85
Number 20 Plate Holder only	.30
14 Pound Maul (Wood Faced)	1.60
18 Pound Maul (Wood Faced)	1.85
Chance Telescoping Handle for Auger	2.70

2% 10 days, 30 days net.

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DRIVE AND TWIST ANCHORS

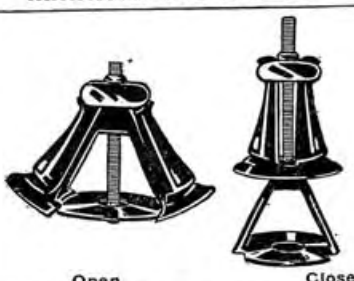
Price Each



		Less than 12	12 to 50	Over 50
No. 1	8″	$1.35	$1.30	$1.25
No. 2	10″	2.15	2.10	2.05
No. 3	12″	2.65	2.60	2.55

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HIAWATHA GUY ANCHOR

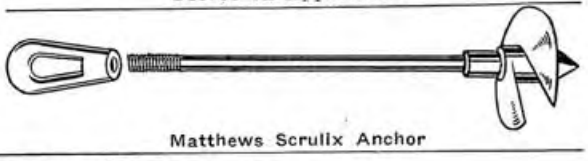


Open Closed

GALVANIZED ROD

	List No.		List No.
1	1605A	4	1608A
2	1606A	5	1609A
3	1607A		

Prices on Application.



Matthews Scrulix Anchor

Cat. No. 1 Page 22

MATTHEWS' SCRULIX ANCHORS

Per 100

Trade No.	Diam. of Anchor	Less than 12 per 100	Less than 50 and over 11 per 100	50 or more per 100	Size of Rods
502 R	5″	$ 160.00	$ 150.00	$ 140.00	½″ R.
603 R	6″	220.00	210.00	200.00	⅝″ R.
704 R	7″	270.00	255.00	240.00	⅝″ R.
858 R	8″	400.00	375.00	350.00	⅝″ R.
800	8″	750.00	750.00	750.00	1⅛″ Sq.
1000	10″	950.00	950.00	950.00	1¼″ Sq.
1200	12″	1250.00	1250.00	1250.00	1½″ Sq.
567	Wrench	500.00	500.00	500.00	Wrench
1332	Above comb	750.00	750.00	750.00	Above comb
765	Handle	500.00	500.00	500.00	Ratchet Hdle.

All round anchors are 6 ft. long over all. A No. 567 Wrench must be used with all round rod anchors. No wrench is needed for the 800, 1000 or 1200 anchors. The 765 ratchet handle is for use with the No. 567 Wrench and is very useful where it is desired to put the anchor down next to walls, fences, etc. Do not confuse the ratchet handle with the No. 567 Wrench.

R—Round.
Sq.—Square.

F. O. B. St. Louis, Missouri. Freight allowance not exceeding 25c cwt. on shipments of 100 or more anchors at one time.

2% 10 days, 30 days net.

Cat. No. 1
Page 23

EVERSTICK ANCHORS WITHOUT RODS


Closed


Open

TWO WAY EVERSTICK ANCHORS WITHOUT RODS

Less than 100

Size, Inches	Weight, Lbs.	Size in Anchor Expanded	Price Each
5 Two Way	4	5x9	$0.60
6 Two Way	7½	6x11	.85
8 Two Way	13½	8x15	1.35

100 Anchors or over, 10% discount allowed.

FOUR WAY EVERSTICK ANCHORS, WITHOUT ROD


Closed


Open

Less than 100

6 Four Way	10½	11″ circle	$1.10
8 Four Way	18½	15″ circle	1.85
10 Four Way	31	19″ circle	3.00

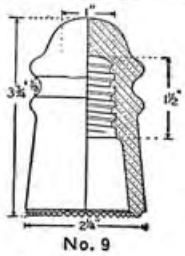
100 Anchors or over, 10% discount allowed.

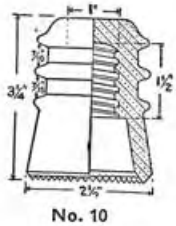
SPECIAL TAMPING BAR

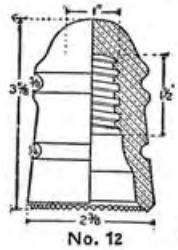
Ordinary standard guy rods used with Everstick Anchors.

2% cash 10 days, 30 days net.

INSULATORS, GLASS AND PORCELAIN


No. 9


No. 10


No. 12

Cat. No. 1
Page 24

GLASS INSULATORS

Price Per 1000

Net Price Per 1000 F. O. B. Chicago

	Bbl. Contains	Less than Bbl. Lots	Bbl. Lots and less than 1000	10,000 1000 to
No. 9 Pony	400	$52.96	$31.66	$26.06
No. 12 Double Groove Pony	400	52.96	31.66	26.06
D. G. D. P. Pony	300	71.67	42.67	35.17
No. 52 One Piece Transposition	125	145.34	87.04	71.74
No. 50 Two Piece Transposition	125	197.08	116.83	95.78

GLASS INSULATORS

No. 9 Pony insulators are most generally used by telephone companies.

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GLASS INSULATORS

	Std. Pkg.	Less than Bbl. Lots	Bbl. Lots and Less than 1000	1000 to 10,000
No. 51 Perfect transposition	100	$104.75	.....	.....
No. 52 Transposition	125	122.33	$71.63	$58.33
No. 40 Double Petticoat, New W. U. Standard	200	.....	.....	.....
No. 50 Two-piece Transposition	125	167.68	97.93	79.63

Net Price Per 1000 F. O. B. Muncie, Ind.

	Bbl. Contains	Less than Bbl. Lots	Bbl. Lots and less than 1000	1000 to 10,000
No. 9 Pony	400	$50.80	$29.50	$23.90
No. 12 Double Groove Pony	400	50.80	29.50	23.90
D. G. D. P. Pony	300	68.90	39.90	32.40
No. 52 One Piece Transposition	125	138.85	87.04	65.25
No. 50 Two Piece Transposition	125	191.05	110.80	89.75

These prices are for your present guidance and we cannot guarantee survival.

Orders are therefore accepted only subject to prices effective on day of shipment.

Terms: Net 30 days.

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PORCELAIN INSULATORS

500 per Bbl.

No.	Old No.	Less than Bbl. Lots, per 1000	Bbl. Lots Per 1000
109	1011	$68.25	$65.25
112	1012	68.25	65.25

1% 10 days—F. O. B. Chicago.

CIRCUIT BREAKERS

Old No. 10. New No. 90—Glass Insulator, less than 1,000, $195.00 per 1000 net.

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PORCELAIN KNOBS



C. B. KNOBS

	Per 1000
Double Groove Knobs	$35.00
Single Groove Knobs	30.00

Discounts

Less than 250	List
250 to 500	10%
500 to 1000	10-10%
1000 or over	10-10-5%

PORCELAIN INSULATORS AND KNOBS

Solid Knobs	Weight	Bbl. Quantity	F. O. B. Chicago—Per 1000 Less than 100	100 to 500	500 to Bbl.	Bbl. Lot	F. O. B. Kansas City—Per 1000 Less than 100	100 to 500	500 to Bbl.	Bbl. Lots
No. 4	220	2000	$20.50	$18.20	$17.00	$14.75	$21.00	$19.65	$17.50	$15.15
2 Groove, No. 4	213	2000	22.80	21.40	19.00	16.40	23.60	22.15	18.70	16.90
No. 4½	233	1800	22.80	21.40	19.00	16.40	23.60	22.15	18.70	16.90
No. 5½	94	4700	11.95	11.20	10.95	8.60	12.20	11.40	10.15	8.75
2 Groove Teleph.	227	1900	32.80	30.75	27.35	23.75	33.60	31.50	28.00	24.40
4 Groove Teleph.	410	1000	44.00	41.25	36.65	31.90	44.80	42.00	37.35	32.50

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KNOB SCREWS



A $\frac{5}{16}$-inch screw eye with knob attached in eye. Weight per 100—35 lbs.

Per 100

No. 2920—Less than 100....$7.20 100 and over....$6.88

2% 10 days—F. O. B. Pittsburgh.

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PORCELAIN TUBES



See catalog for dimensions and barrel weights.

Size	List Price Per 1000
$\frac{5}{16}$x$\frac{5}{16}$x 3"	$16.00
$\frac{5}{16}$x$\frac{5}{16}$x 4"	27.00
$\frac{5}{16}$x$\frac{5}{16}$x 6"	39.00
$\frac{3}{8}$x$\frac{13}{16}$x 4"	30.00
$\frac{3}{8}$x$\frac{13}{16}$x 6"	45.00
$\frac{3}{8}$x$\frac{13}{16}$x 8"	84.00
$\frac{3}{8}$x$\frac{13}{16}$x10"	108.00

Discounts

Less than 100	List Price
100 to 500	15% discount
500 or more	25% discount

PARAGON SELF-TYING KNOBS

Lots of 100. Per 1000	$30.00
Lots of 1000. Per 1000	25.00
Lots of 5000. Per 1000	23.00

UNIVERSAL INSULATORS

Price per 100.

	No. 1001	No. 1002	No. 1003
Less than 100	$5.85	$9.10	$11.70
100 to 250	5.40	8.40	10.80
250 to 1000	4.95	7.70	9.90
1000 or more	4.50	7.00	9.00

F. O. B. Factory.

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PAPER INSULATED LEAD ENCASED TELEPHONE CABLE

NO. 22 B. & S. GAUGE 12 E. C.

No. 22 B. & S. Gauge Copper Conductors insulated with two wrappings of paper in reverse directions, .12 M. F. capacity per mile. Pure lead or composition sheath.

Pairs	Sheath	Wt. 1000 ft.	Pairs	Sheath	Wt. 1000 ft.
10	$\frac{5}{64}$	490	100	$\frac{7}{64}$	2422
15	$\frac{5}{64}$	592	150	$\frac{7}{64}$	3149
25	$\frac{5}{64}$	766	200	$\frac{7}{64}$	3760
50	$\frac{3}{32}$	1408	250	$\frac{1}{8}$	4795
75	$\frac{3}{32}$	1784	300	$\frac{1}{8}$	5450

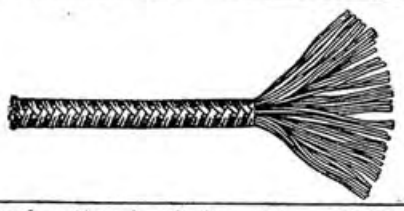
Prices on Application

Prices on above cable will be quoted on application. Be sure to give length of each size wanted, also point of delivery. The placing of cables underground according to the inexpensive methods described in

Bulletin No. 83 is recommended in preference to placing it on poles. Two paper wraps in reverse directions is recommended in preference to a single paper wrap or two wraps in the same direction. Pure lead sheath is recommended for laying in trench, but for aerial work and where long lengths of cable must be pulled underground a composition sheath containing about 3% of tin or antimony will be found well worth the additional cost by reason of its greater mechanical strength. If composition sheath is desired, please so state on order or inquiry as it will otherwise be assumed that pure lead sheath is desired. Also state time of delivery. We do not carry paper insulated cable in stock and can frequently secure better prices from the mills when the delivery required is not too prompt.

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KELLOGG SWITCHBOARD CABLE



Silk and cotton insulation, color coded, beeswax cord and polished red and white beeswaxed braid or slate colored cotton braid treated with fire-resisting asbestos paint.

Number of Pairs Specify Asbestos Braid or Lead Covering if Desired	Waxed & Polished		Waxed & Polished and Lead Encased	
	Less than 100 ft.	100 ft. or Over	Less than 100 ft.	100 ft. or Over
11 Pr. 22 B & S Ga.	Prices on application			Special
21 Pr. 22 B & S Ga.	Prices on application			Special
26 Pr. 22 B & S Ga.	Prices on application			Special
41 Pr. 22 B & S Ga.	Prices on application			Special
51 Pr. 22 B & S Ga.	Prices on application			Special
102 Pr. 22 B & S Ga.	Prices on application			Special

Leaded switchboard cable is rapidly supplanting the more expensive lead encased wool insulated cable for terminating paper insulated cables inside the central office. When the old-time pot head is employed, the switchboard cable need not be leaded and beeswax may be used in the pot head in place of cable compound.

Cat. No. 1 Page 29

STANDARD STEEL STRAND
SINGLE AND DOUBLE GALVANIZED



Diam. Inches	Size of Wires	List per 100 Ft.
1/2	8	$5.50
7/16	10	4.50
3/8	11	3.50
5/16	12	2.50
1/4	14	1.75

STANDARD STEEL STRAND—Continued

Discounts	Single Galv.	Double Galv.
Less than 1000 ft....	15%	5%
1000 to 2500 ft.....	20%	10%
2500 to 5000 ft.....	25%	20%
5000 to 10000 ft.....	35%	25%
1000 ft. and over....	40%	30%

S. M. per 100 Feet

Diam. Inches	Size of Wires	Siemans Martin	High Strength	Extra High Strength
1/2	8	$5.25	$7.25	$8.80
7/16	10	4.30	6.00	7.20
3/8	11	3.25	4.40	5.75
5/16	12	2.50	3.20	4.25
1/4	14	1.70	2.25	2.85
3/16	16	1.35	1.80	2.40
9/32	....	2.05	.....	.....

Discounts

Less than 5000 feet..... 5%
5000 feet and over.....15%

F. O. B. Muncie, Ind., less actual freight allowed not exceeding 25c cwt. on orders for 250 pounds or more, for one shipment at one time.

Add 25c per 100 pounds net for K. C. shipments.

2% 10 days.

Cat. No. 1 Page 29

B. B. WIRE

Recommended for telephone purposes.

Size B.W.G.	Less than 1500 lbs. Per 100 lbs.	1500 lbs. and over Per 100 lbs.
6 to 9	$7.40	$7.17
10 and 11	7.52	7.28
12	7.63	7.40
14	8.09	7.86

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HARD DRAWN BARE COPPER WIRE

8.....B.&S. Ga. 12.....B.&S. Ga.
10.....B.&S. Ga. 14.....B.&S. Ga.

Prices on application.

Cat. No. 1 Page 30

WEATHERPROOF INSULATED COPPER WIRE

DOUBLE AND TRIPLE BRAID INSULATION

Furnished in Double or Triple Braid.

B.&S. Ga.	B.&S.Ga.	B.&S.Ga.
8	12	16 .....
9	14	18 .....
10		

Price on application.

Cat. No. 1 Page 30

WEATHERPROOF INSULATED IRON WIRE



DOUBLE OR TRIPLE BRAID (NO RUBBER)

(Continued on following page)

WEATHERPROOF IRON WIRE—Continued

B.W.G. Gauges	Less than ½ Mile	½ Mile to 2 Miles	2 Miles to 5 Miles	5 Miles and over
12 Double Brd.	$50.00	$37.50	$31.25	$30.00
12 Triple Brd.	60.00	45.00	37.50	36.00
14 Double Brd.	36.00	27.00	22.50	21.60
14 Triple Brd.	43.00	34.50	28.75	27.60

Standard Coils are ½ mile.

RUBBER INSULATED, WEATHERPROOF COPPER WIRE, SINGLE CONDUCTOR

Cat. No. 1
Page 30

Size		Diam. Over Rubber Inches	Wt. Per 1000
B. & S. 18	Single Conductor, black saturated braid	7/64	12½ lbs.
19	Single Conductor, black saturated braid	3/32	11 lbs.

DUPLEX

Cat. No. 1
Page 30



B. & S. Size	Black saturated heavy weather-proof braid.	Diam. Over Rubber Inches
18		7/64
19		3/32
16		1/8
14		5/32

RUBBER INSULATED IRONITE WIRE



Net Price per 1000 Feet Duplex

	No. 19 B.W.G.	No. 18 B.W.G.	No. 16 B.W.G.	No. 14 B.W.G.
Less than 1000 feet	$11.75	$12.50	$17.50	$22.50
1000 to 4999 feet	11.16	11.88	16.63	21.38
5000 to 9999 feet	10.58	11.25	15.75	20.25
10000 to 24999 feet	10.05	10.69	14.96	19.24
25000 to 49999 feet	9.80	10.42	14.59	18.76
50000 to 100000 feet	9.52	10.13	14.18	18.23

Actual freight not exceeding 50 cents per cwt. allowed on orders for 5000 feet or more if shipment is made from Chicago.

RUBBER INSULATED WEATHERPROOF, COPPER CLAD, DROP WIRE

Cat. No. 1
Page 31

	No Test 7/64" Insul.
*Less than 5000 feet	$15.05
* 5000 to 10000 feet	14.75
*10000 to 25000 feet	14.40
*25000 to 50000 feet	13.80
50000 feet and over	Special

RUBBER INSULATED, WEATHERPROOF IRON DROP WIRE

Cat. No. 1
Page 30



Prices on Application.

TELEPHONE WIRE—RUBBER COVERED

Interior

Twisted pair with tracer, single conductor, triplex with tracer.

Size B.S. Gauge	List Price Per 1000 Ft.
14—5/32"	$41.40
16—1/8"	30.20
18—7/64"	24.20
19—3/32"	19.60
20-22—3/32"	19.60

Single Conductor takes ½ of above list.

Triple Conductor adds ½ to above list.

1% 10 days.

Discounts from List

All Sizes Rubber Covered Saturated Braided Telephone Wires

Less than 1000 feet	40%
1000 to 5000 feet	40- 5%
5000 to 10000 feet	40-10%
10000 feet and over	50%

All Sizes Glazed Braid Interior Rubber Covered Telephone Wire

Less than 1000 feet	30%
1000 to 5000 feet	30- 5%
5000 to 10000 feet	30-10%
10000 feet and over	40%

1% cash 10 days.

POT HEAD WIRE

Cat. No. 1
Page 32



Plain Rubber Covered "Pot Head" Wire. Weight per 1,000 feet, 18 lbs. Price on application.

Price per 1000 Feet

SWITCHBOARD WIRE

Cat. No. 1
Page 32

No. B. & S. Gauge		Approx. Ft. Per Lb. Single	Per Cwt. Single	Per Cwt. Double
18	1 S. & 1 C.	200	$85.00	$88.00
20	1 S. & 1 C.	292	111.00	118.00
20	2 S. & 1 C.	269	100.00	102.00
20	1 S. & 2 C.	280	92.00	98.00
22	1 S. & 1 C.	466	97.00	101.00
22	2 S. & 1 C.	412	113.50	118.00
22	1 S. & 2 C.	437	96.50	101.00
24	1 S. & 1 C.	700	105.00	117.50
24	2 S. & 1 C.	583	124.00	136.00
24	1 S. & 2 C.	636	102.50	106.00

SPECIAL 5, 7 AND 9 WIRE TWIST

		No. 20 B. & S. Double Silk and Waxed Cotton Braid		No. 18 Rubber and Dry Braid Color Coded	
		Less than 100 ft.	500 ft. or Over	Less than 100 ft.	500 ft or Over
5 Wire Twist	Code No.	101		59	
	Price	$3.85	15%	$11.45	15%
7 Wire Twist	Code No.	102			
	Price	5.20	15%		
9 Wire Twist	Code No.	103		66	
	Price	6.70	15%	20.85	15%

*Indicates change.

KELLOGG FLAME-PROOF JUMPER WIRE



Duplex Flame-Proof Jumper Wire. Put up in 500-foot coils.

Weight per 1,000 feet, 20 lbs. State colors.

Twisted Pair, Flame-Proof, Red and White.

	Per 1000
*No. 22 Gauge I. S. I. C., covered	$10.00
*No. 22 Gauge enameled I. S. I. C., covered	10.60

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ANNUNCIATOR WIRE



ANNUNCIATOR AND DAMP PROOF OFFICE WIRE

	Less than 10 lbs.	10 to 50 lbs.
No. 16 B. & S., Single	$0.55	$0.50
No. 16 B. & S., Duplex	.56	.51
No. 18 B. & S., Single	.56	.51
No. 18 B. & S., Duplex	.58	.53

Over 50 lbs., prices on application.

Cat. No. 1
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KELLOGG MAGNET WIRE



MAGNET WIRE

20	26	31	36
21	27	32	37
22	28	33	38
23	29	34	39
24	30	35	40

25 ..... Prices on application.

Cat. No. 1
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SIZES FINER THAN NO. 40 SILK COVERED

Size	Single	Double
.0025	Price on application	
.002	Price on application	
.0015	Price on application	
.001	Price on application	

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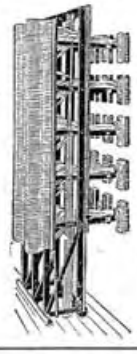
KELLOGG ENAMELED MAGNET WIRE

This wire contains the same pure copper conductor previously described and is coated with a lasting enamel.

The Kellogg enameled wire department is one of the best and most completely equipped. Kellogg enameled wire in service proves its superior qualities.

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MAIN DISTRIBUTING FRAMES,



TYPE "L" MAIN DISTRIBUTING FRAME

Cat. No. 1
Page 35

	Per Pair
Type "L" Main Frame single floor angle	$0.10
Terminal blocks only, two clip	.10

Less than 300 pairs—10%; 300 pairs or over—15%.

Terminal blocks only, three clip	.14
Terminal blocks only, four clip	.17

Less than 300—5%; 300 or over—10%.

TYPE L-2

	Per Pair
Frame, Iron Work only	$0.10
Terminal Blocks only (2 clip)	.10
Terminal Blocks only (3 clip)	.14
Terminal Blocks only (4 clip)	.17
Fanning Strips for Multiple Side	.10
Fanning Strips only for Terminal Blocks	.10
Frame in the Terminal Blocks and Fanning Strips	.30
Continuous Fanning Strips	.02½

MAIN DISTRIBUTING FRAMES

Cat. No. 1
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TYPE L-6

	Per Pair
Frame, iron work only	$0.10
Terminal Block only, 2 clips	.10
H25 Switchboard Protectors with No. 7A wood fuse, 50 pair bank	.40
H36 Switchboard Protectors with A46 wood fuses, 10 pair bank	.45
Same, 20 pair bank	.45
H36 Switchboard Protector with A45 composition fuse, 10 pair bank	.50
Same, 20 pair bank	.50

TYPE L-3

	Per Pair
Wall Frame only	$0.10
Terminal Blocks only, 2 clip	.10

Discounts on above

Less than 300 pair	10%
300 pair and over	15%

Cat. No. 1
Page 37

NO. 101

	Per Pair
No. 101—Frame work only	$0.10
No. 101—Line Terminals	.10
No. 101A—Protectors, wood fuses	.45
No. 101A—Protectors, fibre fuses	.50
Extra Test Plugs	1.50

500 lines fully equipped, discount 10%.

Cat. No. 1
Page 39

CENTRAL OFFICE PROTECTORS

TYPE 10

Pair $1.00

Discount—10%; 300 pair and over, 15%.

TYPE 10-W

Pair $1.90

Discount—10%; 300 pair and over, 15%.

TYPES 50 AND 60

Type 50—Pair	$0.75
Type 60—Pair	.80

Discount—10%; 300 and over, 15%.

TYPE 21

Pair $1.00

Discount—10%; 300 and over, 15%.

TYPES 8 AND 8-1

Pair $1.50

Discount—10%; 300 and over, 15%.

TYPE 14

Pair $1.00

Discount—10%; 300 and over, 15%.

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Page 41

TYPE H-25

Pair $0.40

Discount—10%; 300 pair and over, 15%.

TYPE H-36

Pair with wood fuses	$0.45
Pair with composition fuses	.50

Discount—10%; 300 pair and over, 15%.

TYPE H-40

Pair $0.40

Discount—10%; 300 pair and over, 15%.

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Page 42

TELEPHONE PROTECTOR STRIPS

NO. 132

Pair $0.40

Cat. No. 1
Page 38

ARRESTERS

Code No.	Type	Kind	No. of Pairs	Price
6	Swbd.	Fuse arrester and cross conn. rack	25 lines	6.75 strip
7	Swbd.	Same as No. 6—no cross conn. rack	25 lines	7.25 strip
8	Swbd.	Same as No. 6	5 lines	1.75 strip
9	Swbd.	Same as No. 6	10 lines	3.50 strip
12	Frame	Fuse and arrester	10 lines	3.00 strip
13	Swbd.	Same as No. 6	15 lines	5.25 strip
14	Swbd.	Same as No. 2, extra terminal. Same as No. 6, but with ground strip	25 lines	7.00 strip
15	Swbd.	Same as No. 6	20 lines	10.75 strip

NO. 992 RELIABLE HIGH TENSION PROTECTOR

Cat. No. 1 Page 42

	Per Pair
No. 992 1 pair	$0.75
No. 992 5 pair	.75
No. 992 10 pair	.75
No. 992 15 pair	.75
No. 992 20 pair	.75
No. 992 25 pair	.75

No. 900 RELIABLE PROTECTOR

Cat. No. 1 Page 42

	Per Pair
No. 900 12½ pair	$0.35
No. 900 25 pair	.35

Uses No. 4 wood fuses.

No. 132—Pair	$0.40

TYPE 13—PROTECTOR

Cat. No. 1 Page 43

Each	$0.75

Discount—100 and over, 10%.

TYPE H-14

Pair	$0.35

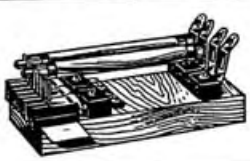
Discount—10%; 300 pair and over, 15%.

TYPE H-19

Pair	$0.35

Discount—10%; 300 pair and over, 15%.

TYPE H-20



Pair	$0.35

Discount—10%; 200 and over, 15%.

TYPE W-4

Cat. No. 1 Page 44

Pair	$0.25

Discount—10%; 300 pair and over, 15%.

TYPE "S 6" POLE CABLE TERMINALS

Cat. No. 1 Page 44

	Price Each
Type "S6" 10 pair; complete with Fuses	$12.00
Type "S6" 15 pair; complete with Fuses	15.00
Type "S6" 26 pair; complete with Fuses	22.50
Type "S6" 51 pair; complete with Fuses	37.50

Less than 10—10%; 10 and over—15%.

"S. 16" POLE CABLE TERMINALS

Cat. No. 1 Page 44

	Price Each
Type "S16" 10 pair; without Protectors	$ 8.50
Type "S16" 15 pair; without Protectors	9.75
Type "S16" 26 pair; without Protectors	12.00
Type "S16" 51 pair; without Protectors	20.00

Less than 10—10%; 10 and over—15%.

TYPE T-4 POLE CABLE TERMINALS

Cat. No. 1 Page 45

	Each
10 pair—Without Protectors	$ 5.50
15 pair—Without Protectors	6.50
26 pair—Without Protectors	7.50
51 pair—Without Protectors	11.00

Discount—10%; 10 and over, 15%.

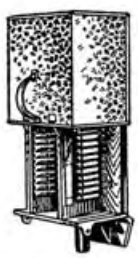
COOK'S "S19" POLE CABLE TERMINALS

Cat. No. 1 Page 45

	Price Each
Type "S19" 10 pair; complete with Protectors	$ 8.00
Type "S19" 15 pair; complete with Protectors	10.50
Type "S19" 26 pair; complete with Protectors	15.00
Type "S19" 51 pair; complete with Protectors	25.00

Less than 10—10%; 10 and over—15%.

CABLE TERMINALS



Type J

	Price, Each		
Type A2	Without Stubs	Not Equipped	With Stubs
11 pair	$ 8.60		$10.10
16 pair	10.75		12.75
26 pair	16.00		19.00
Type J			
11 pair	10.00		.....
16 pair	13.50		.....
26 pair	20.00		.....
Type F. & F. P.			
11 pair	8.00		9.50
16 pair	10.25		12.25
26 pair	15.50		18.00
50 pair	24.50		29.50
Type A. G.			
11 pair	9.00		11.00
16 pair	11.75		13.75
26 pair	17.00		20.00
50 pair	29.50		34.50
Type R	Galv. Cover		
11 pair	2.50		4.50
16 pair	3.20		5.20
21 pair	4.10		7.10
26 pair	4.90		7.90
Type S		Without Mounts	
10 pair	.....	$4.00	
15 pair	.....	4.50	
25 pair	.....	5.50	
50 pair	.....	8.50	
Unit Mounts	.....	.45 pr.	

2% cash 10 days, 30 days net.

Cat. No. 1
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CABLE TERMINALS

TYPE M-8

	Each
5 pair	$2.00
10 pair	2.50
16 pair	4.25
21 pair	4.75
26 pair	5.25

Discount—10%; 10 and over, 15%.

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TYPE M-10

	Each
11 pair	$5.25
16 pair	6.50
21 pair	7.00
26 pair	8.75

Discount—10%; 10 and over, 15%.

TYPE D

	With Stub Each	Without Stub Each
11 pair	$3.50	$5.00
16 pair	4.00	6.00
26 pair	5.00	8.00
50 pair	8.00	13.00

2% for 10 days.

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SELF SOLDERING NOZZLES

No.	Price, Each	No.	Price, Each
1890	$0.75	1894	$1.25
1891	.75	1895	1.25
1892	.75	1896	1.50
1893	1.00	1897	1.50

Cat. No. 1
Page 49

No. 700 AERIAL LINE ARRESTER

Price, each	$0.45

I. G. LIGHTNING ARRESTER
Type No. 101

F. O. B. Chicago or Kansas City, Missouri.

	Each
Less than 30	$0.35
30 to 100	.30
100 to 1000	.25
1000 and over	.22½

Standard cartons contain 10 arresters—weight, 2 pounds.

Standard package contain 100 arresters—weight, 25 pounds.

2% cash 10 days, 30 days net.

Cat. No. 1
Page 50

NO. 1 LIGHTNING ARRESTER

Each	$1.25

Discount

25 and over, 10%.

Cat. No. 1
Page 50

NO. 3 LIGHTNING ARRESTER, COMPLETE

Price Each

Price each	$0.50

25 and over 10%.

NO. 5

Less than 5	$1.50
5 to 25	1.25
25 and over	1.15

Cat. No. 1
Page 51

NO. 202 ARRESTER

Discount, 25 or more	10%
Price, each	$1.75

2% 10 days.

Cat. No. 1
Page 54

NO. 400 LIGHTNING ARRESTER, COMPLETE

Price Each

Price each	$0.25

Less 10% in 100 lots.

C X MULTIPLE LIGHTNING ARRESTER

Cat. No. 1
Page 51

Price Each

Each arrester protects ten lines	$1.25

Cat. No. 1
Page 52

NO. 185

Pair	$0.20

VACUUM TYPE LIGHTNING ARRESTERS

Type No.	Price, Each
20	$1.05
21	1.15
22	1.20
23A	1.25
23B	1.20
24—Less than 100	1.30
100 and over	1.20
25—Less than 100	1.60
100 and over	1.50
26—Less than 100	1.40
100 to 500	1.35
500 and over	1.30
27—Less than 100	1.35
100 to 500	1.30
500 and over	1.25
27A—Less than 100	1.40
100 to 500	1.35
500 and over	1.30
30—Less than 100	1.10
100 and over	1.00
35—Less than 100	1.15
100 and over	1.10
36—Less than 100	1.25
100 and over	1.20
40A or 40B—Less than 100	2.00
100 and over	1.90
FD—Less than 100	2.80
100 to 500	2.70
500 and over	2.60

VACUUM ARRESTER CARTRIDGES

	Each
35—Less than 100	$0.90
100 and over	.80
40A or 40B—Less than 100	1.15
100 and over	1.10
36—Less than 100	1.00
100 and over	.90

Fuses

	Each
22	$0.15
* 100 and over	.14
40A or 40B—Less than 100	.15
100 and over	.14

Prices of L. S. Brach Supply Co.,

Cat. No. 1 Page 53 — NO. 2 LIGHTNING ARRESTER, COMPLETE — Price Each

Price each $0.35
25 and over 10%.

MULTI-DISCHARGE GAP ARRESTER

No. 66—Each	$0.75
No. 67—Each	1.20
No. 68—Each	1.60

Discounts—Less than 25 List.

25 and over, 10%.
1% cash, 10 days.

Cat. No. 1 Page 54 — FUSE BLOCK, LIGHTNING ARRESTERS — Price Each

No.	Standard Pkgs.	Price, Each
18	100	$0.15
20	100	.15
32	100	.30
40	100	.18
41	100	.18
42	100	.18
45	100	.20
46	100	.20
47	100	.18
51	100	.20
54	100	.20
57	100	.28
59	100	.28
86	100	.28
89	100	.28
90	100	.30
99	100	.20
204	100	.20
400	100	.28
401	100	.35
402	100	.50
404	100	.35
405	100	.35
406	50	.50
407	50	.70
500	50	.85
501	50	.45
511	50	.35

Standard Pkgs., Discount 10%.

2% cash 10 days, 30 days net.

INDIVIDUAL STATION PROTECTORS

Cat. No. 1 Page 55

TYPE B5 PROTECTOR

Each $0.60

Discount—100 or over, 10%.

Cat. No. 1 Page 55 — TYPE B6 PROTECTOR — Price Each

B6 Sub-station protector, complete $0.55
Less than 100—Net; 100 and over, 10%.

Cat. No. 1 Page 55 — TYPE B7 PROTECTOR — Price Each

B7 Sub-station protector complete $0.75

Cat. No. 1 Page 55 — B9 PROTECTOR — Price Each

Complete with cover, price each $1.00

Less than 100—Net; 100 or over, 10%.

B12 PROTECTOR

Substation Protector, complete. Price, each $0.40

Less than 100—Net; 100 and over, 10%.

B15 PROTECTOR

Substation Protector, complete. Price, each $1.00

Less than 100—Net; 100 or over, 10%.

TYPE B13

Each $0.75

Discount—100 and over, 10%.

TYPE B14

Each $0.50

Discount—100 and over, 10%.

NO. 976

	With Cover	Without Cover
976 Individual station protector	.80	.65

Cat. No. 1 Page 56 — NO. 998C PROTECTOR — Price Each



Listed and approved by the National Board of Fire Underwriters.

No. 998 C Protector	$0.65
No. 998 D Protector	.65

No.	With Cover	Without Cover
998 Individual station protector	$0.80	$0.65

Cat. No. 1 Page 57 — No. 975 PROTECTORS — Price Each

No. 975B	Protector	$0.55	$0.40
No. 975D	Protector		.40
No. 975E	Protector	.90	

Cat. No. 1
Page 58

NO. 977 PROTECTORS

	Each
977B	$0.75
977C	.50
977D	.75
977E	.50
977H	.75
977K	.50

Cat. No. 1
Page 59

NO. 977-A PROTECTORS

Each	$0.35

NO. 991 PROTECTOR

	With Cover	Without Cover
991 Individual station protector	.75	.55

	Each
No. 880—With Metal Cover	$0.60
No. 880—With Glass Cover	.70

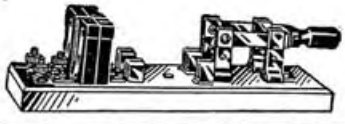
Cat. No. 1
Page 59

No. 997 INDIVIDUAL STATION PROTECTOR

Price, each	$1.00

Cat. No. 1
Page 60

KNIFE AND SWITCH ARRESTER



No. 500 Double Pole, Knife and Switch Arrester	$0.85
No. 501 Single Pole, Knife and Switch Arrester	.45

These arresters use No. 19 Western Union mica fuses.

Cat. No. 1
Page 60

BLOW RITE FUSE WIRE

Spool of 300 feet	$1.00

Cat. No. 1
Page 61

FUSE WIRE

	Price Each Per lb.
½ ampere	$2.75
1 ampere	1.10
2 ampere	1.05
3 ampere	1.00
4 ampere	1.00

Cat. No. 1
Page 62

NOARK FUSES AND FUSE BLOCKS

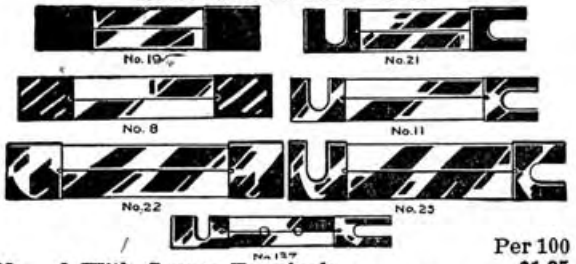
Prices on Fuses

	Each
1 to 30 amp. Std. Pkg. 100	$0.25
35 to 60 amp. Std. Pkg. 100	.35
Discount Std. Pkg.	49%
1/5 Std. Pkg. to Std. Pkg.	39%
Less than 1/5	28%

2% 10 days.

Prices on fuse blocks on application.

MICA AND FIBRE FUSES



	Per 100
No. 8 With Copper Terminals	$1.25
No. 11 With Copper Terminals	1.25
No. 19 With Copper Terminals	1.50
No. 21 With Copper Terminals	1.50
No. 22 With Copper Terminals	1.50
No. 25 With Copper Terminals	1.50
No. 137 With Copper Terminals	1.50

Less 10% 500 or more.

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Page 63

TUBULAR FUSES

No.	Price, Each
3	$0.09
5	.09
6	.09
35	.10
27	.09
28	.10
29	.09
30	.10
48	.11
37	.09
43	.09
4	.09
36	.11
9	.09
55	.12
44	.09

Discount—500 or more, 10%.

A 2	.11
A 3	.12
A 7	.10
A 9	.12
A11	.10
A12	.12
A13	.10
A44	.10
A45	.12
A46	.10

Discount—Less than 1000, 15%; 1000 and over, 20%.

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Cat. No. 1

CABLE JUNCTION BOXES

For Intercommunicating Work, Complete with Fanning Strip, Mounting Block and Cover

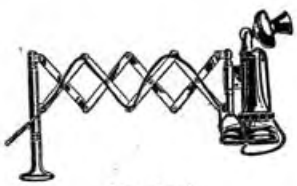
Capacity	Solder Terminals Both Sides Each	Combination Solder Terminals One Side Screw Terminal on Other—Each
5 pair	$0.70	$0.75
7 pair	.85	.95
9 pair	1.25	1.35
11 pair	1.56	1.80
15 pair	1.78	1.96
17 pair	1.95	2.15
19 pair	2.20	2.45
21 pair	2.35	2.47
24 pair	2.55	2.85

F. O. B. LaFayette, Indiana.
Terms: 2% 10 days.

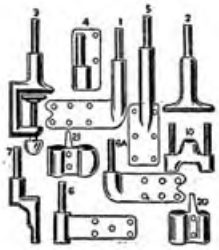
Cat. No. 1
Page 65

SPERRY TELEPHONE BRACKETS

Price Each



Standard



No.	Extended Lengths	Utility	Standard	Universal	DeLuxe Standard	DeLuxe Universal
8	28″	.....	$3.50	$4.50	$6.00	$7.00
10	30″	.....	4.00	5.00	7.00	8.00
12	34″	$3.50	4.50	5.50	8.00	9.00
14	38″	.....	5.00	6.00	9.00	10.00
16	42″	.....	5.50	6.50	10.00	11.00

Universal Attachment, if ordered separately, each $1.50

Standard Finish, Black Enamel.

Oxidized, Copper or Nickel Finish, extra list..... .50

Discounts

Dealers—Less than 12 Brackets..... 33⅓%
Dealers—12 or more..... 40%

2% cash 10 days.

Mountings, each, except No. 3..... $0.50
No. 3 Mounting ..... .85
On all orders where No. 3 mounting is substituted for any other mounting, add 35c to list.
Receiver Hook, each..... .25
Minute Clamp, complete..... 1.00
Minute Holder, only, each..... .65
Minute Clamps only, per pair..... .35
Improved Cord Holders, per dozen..... .25

Cat. No. 1
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THE CALCULAGRAPH

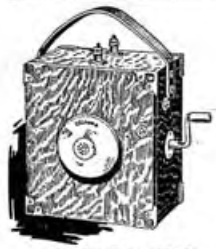


Ribbons, per doz..... Prices on application
Calculagraph, each ..... Prices on application

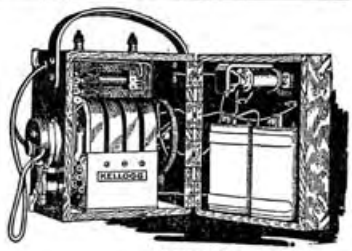
Cat. No. 1
Page 67

KELLOGG TEST SETS

Price Each



Code No. 1020



Code No. 1016

TEST SETS

Code No.	Price, Each
No. 1001—4 bar 1000 ohm No. 14A Receiver.....	$14.75
No. 1002—3 bar 80 ohm No. 14A Receiver.....	14.50
No. 1016—4 bar 1600 ohm No. 14A Receiver.....	14.85
No. 1020—3 bar 80 ohm No. 14A Receiver.....	14.85
No. 1021—3 bar 1000 ohm No. 14A Receiver.....	15.05

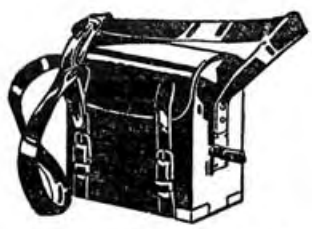
Cat. No. 1
Page 68

STEWART TEST SETS

Each



Stewart Resistance Meters



Stewart Midget Test Set



Stewart Test Cabinet

	Price
Test Set (either size).....	$25.00
Test Cabinet, 15-Volt.....	31.00
Test Cabinet, 150-Volt.....	33.00
Cable Tester, complete.....	34.00
Exploring Coil only.....	5.00
Exploring Coil and Receiver.....	7.00
Resistance Meter	34.50
Detecto-Meter	24.00
Pocket Phone	3.75

Net—F. O. B. Ottawa, Illinois.

Cat. No. 1
Page 68

STEWART CABLE TESTER

Price Each



Reads non-inductive resistance direct in ohms.
Tells in miles how far trouble is from office.....$34.00

Cat. No. 1
Pages 68-69

AMPERE METERS AND VOLT AMMETERS

Price Each



Weston Portable Meter



Pignolet Meter



Ever-Ready Ammeter

List No. 1833A Ammeter, 0-30 .....$0.85
List No. 1600A Volt-Ammeter-O-14 Volts, 0-35 amperes 1.25
List No. 1834A Thompson A. C. and D. C. Voltmeter.....Price on application
Weston Meters .....Price on application
Pignolet Meters .....Price on application

PIGNOLET METERS

Cat. No. 1
Page 69

Voltmeters—Model M

Catalog No.		List Price, Each
301—0-3	Fortieth volt divisions	$11.00
302—0-6	Twentieth volt divisions	11.00
303—0-12	Tenth volt divisions	11.00
304—0-30	Fourth volt divisions	11.00
305—0-60	Half volt divisions	11.50
306—0-125	Single volt divisions	12.00
307—0-250	Two volt divisions	13.00

Two Reading Voltmeters

311—0-3	With 0-30 volts	13.00
312—0-3	With 0-60 volts	14.00
313—0-3	With 0-125 volts	15.00

Ammeters

321—0-1	Hundredth ampere divisions	11.00
322—0-5	Twentieth ampere divisions	11.00
323—0-10	Tenth ampere divisions	11.00
324—0-30	Fourth ampere divisions	11.00
325—0-50	Half ampere divisions	11.00
326—0-100	Single ampere divisions	12.00

Two Reading Ammeters

331—0-1	With 0-10 amperes	13.00
332—0-3	With 0-30 amperes	13.00
333—0-5	With 0-50 amperes	13.00

PIGNOLET METERS

Two Reading Volt-Ammeters

341—0-3	Volts with 0-30 amperes	14.00
342—0-6	Volts with 0-30 amperes	14.00
343—0-12	Volts with 0-30 amperes	14.00
344—0-30	Volts with 0-30 amperes	14.00
345—0-60	Volts with 0-30 amperes	14.00
346—0-125	Volts with 0-30 amperes	16.00

Three Reading Volt-Ammeters

351—0-3	Volts 0-30, 0-30 amperes	17.00
352—0-3	Volts 0-60, 0-30 amperes	17.00
353—0-3	Volts 0-125, 0-30 amperes	18.00
354—0-6	Volts 0-125, 0-30 amperes	18.00

Four Reading Volt-Ammeters

Two volt and two amp. readings, not over 130 volts and 30 amperes	20.00
Hand sewn solid leather case	1.00

Two reading voltmeters and ammeters furnished with an intermediate reading for $2.00 extra list.

Milli-ammeters and milli-voltmeters, 0-100 and up, $11.00 list.

Outside shunts up to 250 amperes inclusive, mounted on a wood base for use by means of cables with a milli-voltmeter, $4.00 list.

All instruments are calibrated for horizontal use, unless vertical use be specified when ordering. Volt-ammeters furnished with either 0-1, 2, 0-6 or 0-12 amperes instead of 0-30 amperes if specified when ordering. 0-60 or 0-120 amp. furnished in any two or three reading voltmeter instead of 0-30 amp. if specified when ordering for $1.00 extra list.

Cat. No. 1
Page 69

SOUND-PROOF TELEPHONE BOOTHS



TYPE NO. 25

Outside dimensions .....30x36 inches
Inside dimensions .....25½x21½ inches
Packing weight, crated.....475 pounds

No. 25—Oak, glass in door only.....$47.25
No. 25—Oak, glass in door and one side..... 50.65
No. 25—Oak, glass in door and two sides..... 54.00

Discount—20-5%.

2% 10 days.

F. O. B. Milwaukee, Wis.

Prices on Other Booths on Application.

Cat. No. 1
Page 69

UNIT TELEPHONE BOOTHS

2S—FOLDING DOOR

Unit Type, Closed View

Outside dimensions, height	88¼	inches
Outside dimensions, width	29	inches
Outside dimensions, depth	30⅛	inches
Inside dimensions, height	77¼	inches
Inside dimensions, width	27¼	inches
Inside dimensions, depth	27⅞	inches
Packing weight, crated	375	pounds

Quartered Oak or Mahogany Finish	$67.50
Bench	3.00

Discount—20-5%.

F. O. B. Milwaukee, Wis.

Made in units so that as many booths as desired can be placed side by side.

Cat. No. 1
Page 70

OPERATORS' CHAIRS

Price Each



No. 1101 No. 1103 No. 1100 No. 1100W

No. 1100 Golden Oak or Imt. Mahogany, dull, 18 to 22" high, wood or cane seat	$7.50
No. 1101 24 to 28" or 28 to 33" high, Golden Oak or Imt. Mahogany with wood or cane seat	8.00
No. 1103 28 to 32" high, Golden Oak or Imt. Mahogany, perforated leather seat over cane	10.00

Cat. No. 1
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GRAY PAY STATIONS

Price Each



GRAY PAY STATIONS

Style	Price, Each
No. 7	$ 9.60
No. 8A—Without Mtg. Plates	4.20
No. 8A—With Mtg. Plates	4.60

GRAY PAY STATIONS—Continued

Style	Price, Each
No. 10—With Mtg. Plates	$10.20
No. 10A—With Swivel	10.20
No. 11—With Mtg. Plates	9.50
No. 14	13.20
No. 23D	16.80
No. 24	16.80
No. 62	9.50
No. 63	11.00

Terms: Net.

F. O. B. Hartford, Conn.

Cat. No. 1
Page 72

BAIRD PAY STATIONS

Price Each

Baird No. 63—Wall Type Pay Station with Special War Tax Signal for one cent.

Baird No. 55 Portable Set—Also used as a fixed set.



BAIRD PAY STATIONS

Type	Price, Each
No. 62	$ 9.50
No. 63	11.00
No. 64	13.00
No. 163	11.00
No. 164	13.00
No. 55	13.00
No. 54	15.00
No. 634	13.00
No. 644	15.00
No. 256	11.00

CONNECTORS

No. 93B Columbia Battery Connectors, per doz	$0.50
No. 1 Columbia Battery Connectors, per 100	.85
Bulldog Connector, per 100	3.00
No. 155 Columbia Fahnestock Connector, per 100	3.00
Paragon Battery Boxes, each	.50

BAIRD REVERSIBLE PEG COUNTERS

No. 5—Each	$3.00

BAIRD TIME STAMPS

Prices on Application.

Cat. No. 1
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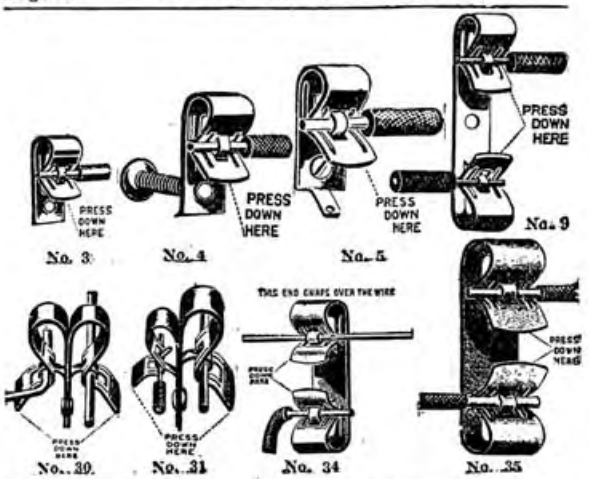
CONNECTING BLOCKS

Length over all	2½"
Width	1⅞"
Thickness of base	⅜"

Price on application.

Cat. No. 1
Page 73

SPRING BINDING POSTS



SPRING BINDING POSTS
FAHNESTOCK

No.	Each	Per doz.	Per 100
3—Brass	$0.03	$0.25	$1.50
4—Brass	.03	.30	1.60
5—Brass	.04	.35	1.70
9—Brass	.08	.75	3.50
30—Bronze only	.07½	.....	.....
31—Bronze only	.06½	.....	.....
34—Bronze only	.07½	.....	.....
35—Bronze only	.07½	.....	.....

2% 10 days.

BATTERY CONNECTORS

Bulldog Connector, per 100 ..... $3.00
No. 155 Columbia Fahnestock Connector, per 100 3.00

Cat. No. 1
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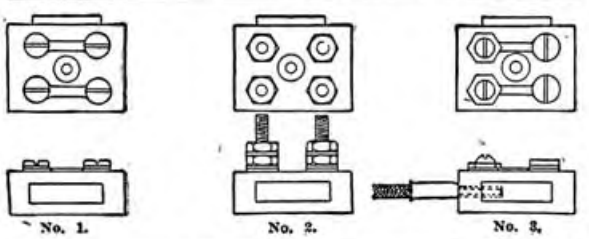
COLUMBIA CONNECTORS

No. 93B Columbia Battery Connectors, per doz. $0.50
No. 1 Columbia Battery Connectors, per 100 ..... .85

MURDOCK INTERLOCKING CONNECTION BLOCKS

Cat. No. 1
Page 74

Price Each

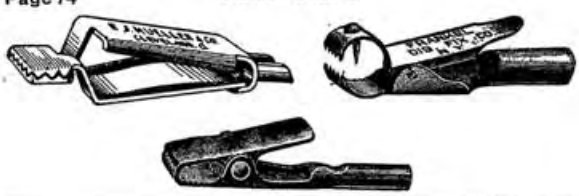


Standard size, 1½x1⅛x$\frac{9}{16}$ inches.

No. 1—Has four binding head screws with one ⅜ inch washer under each, and two detachable links connecting screws. Price, each $0.12
No. 2—Has four 8/32 screws projecting ⅝ inch with two nuts and three washers on each, two under lower nut and one under upper. Links furnished if desired. Price, each ..... .15
No. 3—Has two binding head screws and two round head with check nuts. Holes in side for entering wire or cord tips. Price, each ..... .15
No. 4—Has four 8/32 screws projecting ⅝ inch with three hexagonal nuts and one terminal lug on each. Lug has hole for No. 20 wire and is arranged for soldered connection. Price, each ..... .20
No. 5—Same as No. 1, without links or washers, and with stamped lugs. One wire may be fastened under small screw, and another soldered to the end of the lug. Price, each ..... .20
No. 6—Same as No. 3, with cord tip or wire holes on both sides. Price, each ..... .20
No. 7—Made in three sizes, 5, 6, and 7 pair. Fittings as on No. 2 with screws staggered. 5 pair block, 4⅛x1½x$\frac{9}{16}$ inches; 6 pair, 4⅞x1½x$\frac{9}{16}$ inches; 7 pair, 5⅝x1½x$\frac{9}{16}$ inches. With these sizes, any number of pair connections above ten may be made.
Prices, 5 pair, each $0.37½
6 pair, each ..... .45
7 pair, each ..... .52½

Cat. No. 1
Page 74

TEST CLIPS



FRANKEL TYPE

No.	Less than 12 Each	12 and over Each Per doz.	100 Each Per 100
2521—Brass	$0.40	$0.25	$0.22
2530—Brass	.20	.16	.14
2538—German Silver	.50	.34	.30
2528—Brass	.50	.34	.30

2% 10 days.

MUELLER TYPE

No.	Less than 10 Each	10 to 100 Each	100 and over Each
8—Steel N. P.	$0.15	$0.12½	$0.10
9—Steel N. P.	.20	.15	.12½
13—Steel N. P.	.15	.12½	.10

2% 10 days.

Cat. No. 1
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TEST CONNECTORS

Price Each

No. 259 Test Connector, price each $0.09
10% in 100 lots.
No. 000 Test Connector, price each ..... .15
10% in 100 lots.
Type 00 1 Bolt, price each ..... .08
Type 00 1 Bolt with Wing Nut, price each ..... .09
Type 00 2 Bolt, price each ..... .13
Type 00 2 Bolt with Wing Nut, price each ..... .15

Cat. No. 1
Page 75

WAXED LACING TWINE

Made of pure flax. Saturated in beeswax ready for use, $2.50 per ball. In 1-lb. balls.

Cat. No. 1
Page 75

METAL RIM TAGS

For numbering ends of conductors in cables.
Metal rim tags, 1-inch in diameter, per 1000.....$2.20

Cat. No. 1
Page 75

MARLIN

2 Ply	Per lb.	3 Ply	Per lb.
In 1-lb. lots	$0.50	In 1-lb. lots	$0.50
In 5-lb. lots	.40	In 5-lb. lots	.40

Cat. No. 1
Page 75

KELLOGG CABLE COMPOUND

For Pot Heads and Cable Splicing.
8-lb. cans, per lb.....$0.10

Cat. No. 1
Page 75

PAPER SLEEVES

For splicing paper insulated telephone cables.

Dimensions Inches	Wt. Lbs. per 1000	Std. Pkg.	Price per 1000
⅛x3	1	150	$0.75
1/10x3	1	110	.75
⅛x2½	1	.....	.75

Cat. No. 1
Page 75

CABLE PARAFFINE

In 1-lb. cakes.....$0.10

Cat. No. 1
Page 75

A-1 BEESWAX

Especially adapted for electrical work. In 1-lb. cakes.
Per pound $0.35

Cat. No. 1
Page 75

LEAD SLEEVES

Sleeve should measure about 2 inches larger in diameter than the cable.
State diameter and length when ordering.
Per lb. $0.12

Cat. No. 1
Page 75

PLUMBERS' CANDLES

Mfrs. No.	Length Inches	Diameter Inches	Per lb.
3	7½	1¼	$0.24
5	5½	1¼	.24

Cat. No. 1
Page 75

CABLE PASTERS

Used to limit the length of wiped joints.
2-inch wide, 1 foot long, per 1000.....$1.88

Cat. No. 1
Page 76

KELLOGG RESIN CORE SOLDER

	Lb.
1 lb. Spools	$0.80
5 lb. Spools	.75

PLAIN WIRE SOLDER

This is used for general line work, such as soldering spider wires to bare line wires, etc. Some form of paste or soldering stick must be used in connection with plain wire solder. We recommend Burnley's soldering paste (elsewhere listed) for such work.
Per lb. $0.38

ORDINARY BAR SOLDER

"Half and Half" for Cable Splicing.
Per lb. $0.37

NATIONAL WIPING SOLDER

Preferred by many for Cable Splicing.
Per lb. $0.35

Cat. No. 1
Page 76

PUBLIC PAY STATION SIGNS



SIGNS
PAY STATION

17"x18"—3 Colors Red, White and Blue Double Faced Signs, in lots of 100. Each.....$2.00
8"x18"—Same as above in lots of 100. Each..... 1.50

F. O. B. Detroit, Michigan.

Cat. No. 1
Page 76

ALLEN'S SOLDERING SALTS

Allen's Soldering Salts are supplied in ½-lb. and 5-lb. bottles.
½-lb. $0.38
5-lb. 4.00

Cat. No. 1
Page 76

ALLEN'S SOLDERING STICK

Each $0.12

Cat. No. 1
Page 76

ALLEN'S SOLDERING PASTE

2 oz. $0.16
4 oz. 28
1 lb. ..... .80

Cat. No. 1
Page 77

SOLDERALL

Per tube $0.25

2% 10 days.

Cat. No. 1
Page 76

BURNLEY'S SOLDERING PASTE

For use with plain wire solder on outside work.
Burnley's paste is put up in 2, 4, 8 and 16-oz. boxes.

2 oz. $0.16
4 oz. ..... .30
½ lb. ..... .60

Cat. No. 1
Page 77

BLACK FRICTION TAPE

Price



	Lb.
Less than 10 lbs., ½-lb. boxes	$0.45
10 to 25 lbs	.42
Over 25 lbs	.38

MANSON TAPE

	Lb.
Less than 10 lbs.	$0.75
10 to 25 lbs.	.70

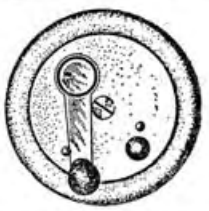
25 lbs. and over on application.

OKONITE TAPE

Per lb. $1.10

Cat. No. 1 Page 77

WOOD BASE SWITCHES



Round, well made and durable switch.

2% 10 days.

1 Point. Each	$0.11
2 Point. Each	.12
3 Point. Each	.13

Cat No. 1 Page 77

PUSH BUTTONS

Price Each



Push Button. Each $0.15

Cat. No. 1 Page 77

P. R. XXX BUZZER

Price Each



	Each
Less than 10—XXX Buzzer, 4 ohm	$0.70
10 and over—XXX Buzzer, 4 ohm	.51

LOUD RINGING EXTENSION BELLS

No.	Ohm	Price, Each
201—200 C.	80, loud ringing extension bell	$13.64
202—200 C.	160, loud ringing extension bell	13.64
204—200 C.	500, loud ringing extension bell	13.18
205—200 C.	1000, loud ringing extension bell	13.74
207—200 C.	1600, loud ringing extension bell	14.62
208—200 C.	2000, loud ringing extension bell	15.22
210—200 C.	2500, loud ringing extension bell	15.94
139—200 C.	2 M. F. Condenser, additional	$ 2.90
140—200 C.	4 M. F. Condenser, additional	4.00
Biasing attachment, additional		2.96
Bells to operate on 110-volt, 60-cycle, A. C.		13.94

F. O. B. Boston, Mass.

Cat. No. 1 Page 77

VIBRATING BELLS



Three-inch vibrating bell suitable for switchboard night bell.

	Each
Less than 10—4 ohm, 3 inch	$0.72
10 and over—4 ohm, 3 inch	.51

Cat. No. 1 Page 78

BABY KNIFE SWITCHES

	Each
No. 450—Single Pole Single Throw	$0.16
No. 452—Single Pole Double Throw	.25½
No. 454—Double Pole Single Throw	.28
No. 456—Double Pole Double Throw	.40

Cat. No. 1 Page 78

THE PHONE METER

Price Each



Practical device for timing toll calls $5.00

Cat. No. 1 Page 79

TELEPHONE COUNTERS



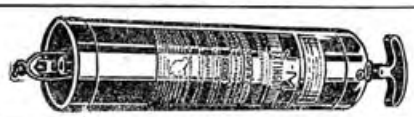
A convenient counter for all classes of work.

Price, each, with mountings	$1.75
Mountings only, each	.20

Cat. No. 1 Page 79

J. M. FIRE EXTINGUISHER

Price Each



1 qt. Nickel or Brass with bracket filled, each.....$7.50

Cat. No. 1 Page 79

BLAKE INSULATED STAPLES



No. 1 and No. 3

	Per 1000
Lots of 1,000 to 5,000	$1.45
Lots of 5,000 to 9,000	1.40
Lots of 10,000 and over	1.30

No. 5 and No. 6

	Per 1000
Lots of 1,000 to 5,000	$1.60
Lots of 5,000 to 10,000	1.55
Lots of 10,000 and over	1.45

2% 10 days.

MILONITE OR PERFECTION NAILS



No.	Price per 1000 Plain Top	Price per 1000 Special Grains
15 and 18 nails	$1.20	$1.40
20 nails	1.40	1.60
22 nails	1.60	1.80
300 nails	3.00	3.50
400 nails	4.00	4.50

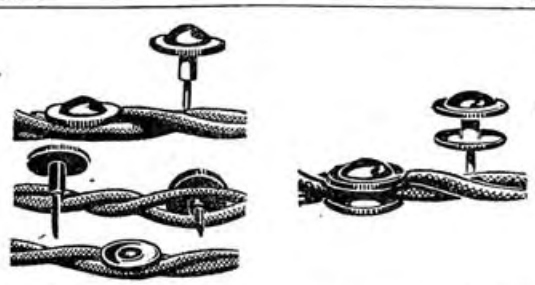
For white colors, $0.20 per 1000 extra.

2% cash 10 days.

Cat. No. 1 Page 79

EUREKA FIBRE INSULATORS

Per 1000



EUREKA FIBRE INSULATORS—Continued

No.	Color	Size	Price per 1000
102	Black	¾"	$2.75
101	Gray	¾"	2.75
1	Black	¾"	2.75
1	Gray	¾"	2.75
62	Black	⅞"	1.65
62	Gray	⅞"	1.65
72	Black	1"	1.65
72	Gray	1"	1.65
52	Black	¾"	1.65
52	Gray	¾"	1.65
31	Gray	⅝"	1.45
32	Black	¾"	1.45
32	Gray	¾"	1.45

5% 10 days.

Cat. No. 1 Page 80

ADJUSTABLE GROUND CLAMP

Size	Doz. Lots Each	100 Lots Per 100	500 Lots Per 100	1000 Lots Per 1000
No. 0	$0.07 7/10	$6.05	$5.50	$49.50
No. A1	.07 7/10	6.60	6.05	55.00
No. 2	.08 8/10	6.90	6.35	58.30

No. 0 fits ⅜ and ½" ground rods for rural exchanges.
No. A1 fits ⅜", ½", ¾", 1" and 1¼" pipe, improved style.
No. 2 fits 1½", 2", 2½" and 3" pipe.

STANDARD PACKAGES 100

Weights Per 100

No. 0.....30 lbs. No. A1.....50 lbs. No. 2.....60 lbs.

FOR POWER AND LIGHTNING CIRCUITS

Size	Doz. Lots Each	100 Lots Per 100	500 Lots Per 100	1000 Lots Per 1000
No. 3	$0.11	$ 9.90	$ 9.35	$ 88.00
No. 4	.13⅓	12.10	11.00	104.50

STANDARD PACKAGES 50

Weights Per 100

No. 3.....12 lbs. No. 4.....16 lbs.

No. 3 fits ⅜", ½", ¾", 1" and 1¼" pipe.
No. 4 fits 1½", 2", 2½" and 3" pipe.

Cat. No. 1 Page 80

DRY BATTERIES

Per 100

DRY BATTERIES are quoted f. o. b. Chicago and Cleveland. Shipments are made from both points with freight equalizations to make delivered cost same as if ordered from any point in any state.

Absolutely fresh batteries all the time, prompt shipments and general satisfactory service largely due to the fact that we solicit business from the telephone companies only, enable us to offer the following attractive yearly contracts:

If 10 or less than 20 barrels have been ordered and billed 50c per 100 batteries will be rebated at the end of the year. If 20 or less than 40 barrels have been ordered and billed 75c per 100 batteries will be rebated at the end of the year. If 40 or less than 80 barrels have been ordered and billed $1.00 per 100 batteries will be rebated at the end of the year.

COLUMBIA REGULAR TELEPHONE BATTERY

	Per 100
Type No. 6	$28.95
Type No. 7	50.10
Type No. 8	72.45

F. O. B. Chicago.

COLUMBIA IGNITION BATTERY

Type No. 6	$29.95
Type No. 7	55.10
Type No. 8	77.45

OVAL BATTERIES FOR TEST SETS

No. 4 ..... 34c each

F. O. B. Chicago—2 % for cash.

Cat. No. 1
Page 81

GRAVITY BATTERIES

BATTERY—ZINCS AND COPPERS

	Less than 6 Each	6 to 12 Each	12 and up Each
6x8 Zincs	$0.50	$0.48	$0.45
5x7 Zincs	.35	.33	.31
6x8 Coppers	11.75	.10	.10
5x7 Coppers	11.75	.10	.10

EDISON BSCO AND PRIMARY BATTERIES

Cat. No. 1
Page 81

EDISON PRIMARY BATTERY

	Type No. 502 Each	Type RR. Each	Type No. 403 Each
Cells, complete	$6.15	$4.95	$5.40
Complete renewal	3.60	2.55	3.15
Zinc-Oxide, assem'ld	3.45	.....	3.00
1 Can Caustic Soda	.42	.36	.36
1 Bottle Special Oil	.09	.09	.09

Copper Oxide Plate	$1.25
Zinc Plate	1.05

F. O. B. Silver Lake, New Jersey.

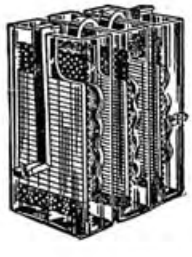
Discounts

Orders less than $2.00	List
$2.00 and less than $50.00 for one shipment	10%

2% 10 days.

Cat. No. 1
Page 81

STORAGE BATTERIES AND RECTIFIERS





No. 21—Rectifier

Type B. T. Storage Battery ..... Prices on application

RECTIFIER NO. 21

Complete with attachment and lamp ..... Price on application

Magneto exchanges will find STORAGE BATTERIES more economical and efficient than any other for operators' transmitters and running the ringing machine. These can be used in towns that have short hour service on their electric lighting system. They can be easily charged in the evening and require very little attention. Write us make of your board, number of positions and source of current and we will gladly quote complete.

Cat. No. 1
Page 82

OVAL SIDE CUTTING PLIERS



203-5	5	$1.30
203-6	6	1.45
203-7	7	1.60

Cat. No. 1
Page 82

LONG NOSED PLIERS

301-5	5	$1.15
301-6	6	1.30
301-7	7	1.45

LONG FLAT NOSED SIDE CUTTING PLIERS



Mfrs. No.	Length Inches	Price
206-5	5	$1.30
206-6	6	1.45
206-7	7	1.60

DUCK BILL SIDE CUTTING PLIERS



Mfrs. No.	Length Inches	Price
205-5	5	$1.30
205-6	6	1.45
205-7	7	1.60

CURVED NOSE PLIERS



Mfrs. No.	Length Inches	Price Each
302-6	6	$1.50

PLAIN FLAT NOSED PLIERS



Mfrs. No.	Length Inches	Price
305-5	5	$1.15
305-6	6	1.30
305-7	7	1.45

LONG NEEDLE NOSE PLIERS

Mfrs. No.	Length Inches	Price
303-5	5	$1.15
303-6	6	1.30
303-7	7	1.45

DUCK BILL PLIERS



Mfrs. No.	Length Inches	Price
304-5	5	$1.15
304-6	6	1.30
304-7	7	1.45

Cat. No. 1
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SIDE-CUTTING PLIERS



200- 5	5	$1.45
200- 6	6	1.75
200- 7	7	2.00
200- 8	8	2.30
200- 9	9	3.00
200-10	10	3.50



Mfrs. No.	Length Inches	Price Each
201- 5	5	$1.45
201- 6	6	1.75
201- 7	7	2.00
201- 8	8	2.30
201- 9	9	3.00
201-10	10	3.50

Note—Nos. from 201-5 to 201-10 indicate Klein's Diamond Special Pliers, and Nos. from 200-5 to 200-10 indicate Klein's World Special Pliers.

SIDE-CUTTING PLIERS WITH SLEEVE TWISTERS



Mfrs. No.	Length Inches	Price Each
212-7	7	$2.30
212-8	8	2.75
212-9	9	3.25
213-7	7	2.30
213-8	8	2.75
213-9	9	3.25

COMBINATION SIDE CUTTING PLIERS



Mfrs. No.	Length Inches	Price Each
233-7	7	$2.75
233-8	8	3.00

Cat. No. 1
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OBLIQUE CUTTING PLIERS

202-5	5	$1.45
202-6	6	1.55

RUBBER INSULATING SLEEVES



2400-6 for	6″ Pliers	$0.50
2400-7 for	7″ Pliers	.55
2400-8 for	8″ Pliers	.60

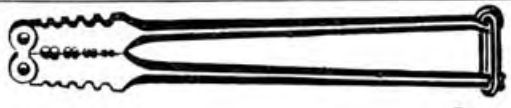
SPLICING CLAMPS



Mfg. No.	Price, Each
102-1—Baby Pattern, 7″	$1.75
102-3—10½″	2.30
102-4—10¾″	2.30
105-6—10½″	2.30
105-7—10½″	2.30
105-15—8″	1.90

COMBINATION WIRE AND SLEEVE CLAMPS

Cat. No. 1
Pages 82-83



COMBINATION WIRE AND SLEEVE CLAMPS

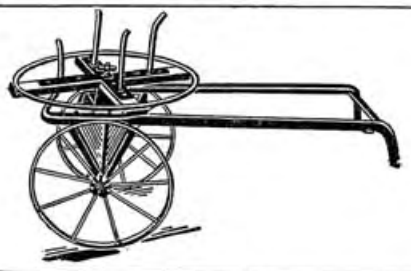
Mfg. No.	Price, Each
132- 2— 9″	$2.30
132- 3—10¾″	2.75
132- 4—10¾″	2.75
132- 5—11¼″	3.00
132- 9—11¼″	3.00
132-11—11¼″	3.00

Any of the foregoing clamps nickel plated.

9″ and smaller. Extra, each	$0.50
10-12″. Extra, each	.75

Cat. No. 1
Page 84

WASSON REELS



WASSON

	Each
4607—1 Single Reel and Cart	$20.75
4607—2 Double Reel and Cart	28.75

Cat. No. 1
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LINEMEN'S CARTS

160—Complete
159—Without Reel
} Price on application

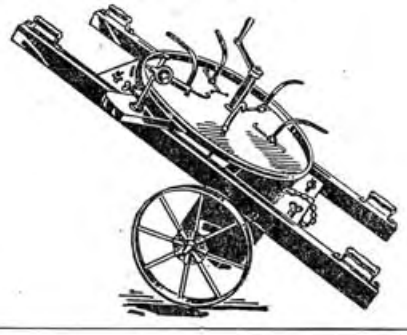
Cat. No. 1
Page 84

COMMON PAY-OUT REELS

	Each
4600-1	$6.85

Cat. No. 1
Page 84

BARROW REELS



	Each
4601-1—Light	$11.50
4601-2—Heavy	13.75

Cat. No. 1
Page 84

TAKE-UP REELS

	Each
4608-1	$16.50
4608-2	16.50

Cat. No. 1
Page 84

FOLDING TAKE-UP REELS

For 12 inch coil
For 18 inch coil
For 21 inch coil
For 24 inch coil
} Prices on application

THE "EICHHOFF" 4609-104 COMBINED TAKE-UP AND PAY-OUT AUTO TRUCK WIRE REEL

Cat. No. 1
Page 85

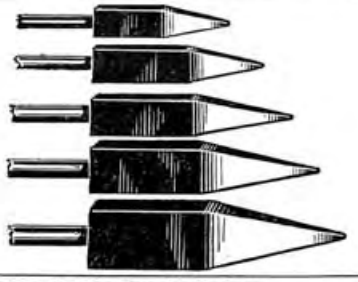
Mfg. No.	Price, Each
4609-104	$28.30
4609-102	28.75
4609-108	37.80

30 days net.

Cat. No. 1
Page 86

PONY SOLDERING COPPERS

Price Each



Cuts show actual size of copper.

Trade No. 3200 Length 12 inches over all	$0.85
Trade No. 3200 Length 11½ inches over all	.70
Trade No. 3200 Length 10½ inches over all	.55
Trade No. 3200 Length 9 inches over all	.35
Trade No. 3200 Length 8½ inches over all	.30

ELECTRIC SOLDERING IRONS



No.	Weight	Tip. Diam.	Length	Watts.	Price, Each
2	10 oz.	½″	13½″	85	$ 7.75
2½	13 oz.	½″	14″	95	7.75
3	15 oz.	¾″	15½″	170	11.00
5	32 oz.	1⅛″	16″	275	12.25

Discount—30%.
1% 10 days.

Cat. No. 1
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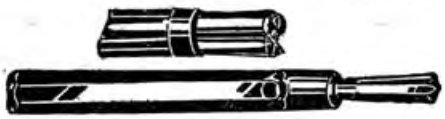
DRILLS



STAR DRILLS FOR STONE DRILLING

Diam. Cut Inches	12″ long Price	18″ long Price	24″ long Price
¼	$ 8.50 doz.	$11.00 doz.	$13.50 doz.
⅜	8.50 doz.	11.00 doz.	13.50 doz.
½	10.00 doz.	12.50 doz.	15.00 doz.
⅝	12.00 doz.	15.00 doz.	17.00 doz.

STAR DRILL POINTS FOR USE WITH DRILL HOLDERS



¼—Dozen	$8.50
5/32—Dozen	8.50
5/16—Dozen	8.50
⅜—Dozen	8.50
13/32—Dozen	9.00

Cat. No. 1 Page 76

STAR DRILL HOLDERS

Description

Made of ¾" octagon steel, 6" long. Each $24.00

Cat. No. 1 Page 87

SEBCO EXTENSION DRILL HEADS



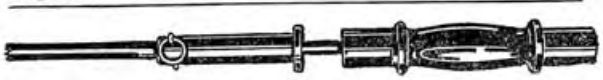
Size Pipe for Handle Inches	Price Each	Size Pipe for Handle Inches	Price Each
⅛	$3.00 doz.	¾	$ 4.20 doz.
¼	3.00 doz.	1	10.50 doz.
⅜	3.00 doz.	1	12.00 doz.
½	3.60 doz.	1	18.00 doz.
½	3.60 doz.	1	22.00 doz.
¾	4.20 doz.	1	27.00 doz.
¾	4.20 doz.	1	31.00 doz.

SPRING STAR HAMMER DRILL

Any, with points. Set $30.00

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DRILLS AND DRILL HOLDERS



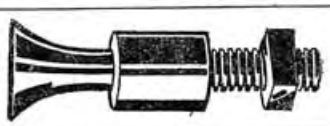
Hammer Drill only, No. 50 for ¼", each	$4.60
No. 53 for ⅜" bolt, each	4.90

Size	
½x 4-inch Combination Drills	$0.86 each
½x 6-inch Combination Drills	.96 each
½x12-inch Combination Drills	1.06 each
¾x 6-inch Combination Drills	1.48 each
¾x12-inch Combination Drills	1.78 each
⅞x 6-inch Combination Drills	1.58 each
⅞x12-inch Combination Drills	1.90 each

Discount—Less than 6, 27% off; 6 or more, 31% off.

Cat. No. 1 Page 88

EXPANSION BOLTS



EXPANSION BOLTS—Continued

Size	Price
¼x2	$3.30 per 100
¼x2½	3.40 per 100
¼x3¼	4.00 per 100
⅜x3	5.90 per 100
½x3½	8.90 per 100

¼ and ⅜" Bolts up to 100 add to price, 13%; ½" up to 100, add to price, 17%.

Cat. No. 1 Page 89

COMBINATION STEEL LAG SCREW WRENCHES

Price Each



3109-20 Size 13½ inches, each $2.00

Cat. No. 1 Page 89

STEEL LAG SCREW WRENCHES



3110-20 Size 11½ inches, each $2.00
F. O. B. Pittsburgh.

Cat. No. 1 Page 74

COMBINATION TIE WIRE SERVER, WIRE SPLICER AND SLEEVE TWISTER

Price Each



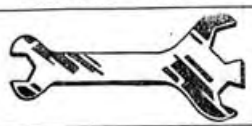
3105-20 Size 7 inches, weight 5¾ lbs. $2.00

For splicing Nos. 8 to 9 B. W. G., or 6 to 8 B. & S. Gauge Wire, and for twisting Nos. 9 and 10 B. & S. Gauge Sleeves.

Cat. No. 1 Page 89

TERMINAL WRENCH

Price Each



2 13/16-inch, each $0.25

Cat. No. 1 Page 89

CABLE SHEATH SPLITTING KNIVES

Price Each

1515-1—Tool steel blade, with wood handle	$1.25
1515-2—All steel	1.00

Cat. No. 1 Page 90

ELECTRICIANS' POCKET TOOL KITS

Price Each

1304-1 Case only	$2.80
1304-2 Case with tools	8.25
1301-1 Case only	2.80
1302-2 Case with tools	10.50

MATTHEWS' TELEFAULT

Matthews Telefault, f. o. b. St. Louis	$60.00
Extra Type C. Exploring Coil	15.00
Extra Type C. Receiver	3.00

BENJAMIN SCREWDRIVERS AND TOOL SETS

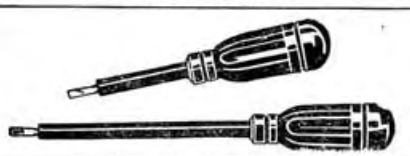
Cat. No. 1
Page 91



Mfrs. No.	Length of Blade Inches	Price per Doz.
5/16-inch Diameter		
A-33	3	$2.40
A-34	4	3.00
A-35	5	3.60
A-36	6	4.20
A-38	8	4.80
¼-inch Diameter		
B-43	3	3.00
B-44	4	3.60
B-45	5	4.20
B-46	6	4.80
B-48	8	5.40
5/16-inch Diameter		
C-53	3	3.60
C-54	4	4.20
C-55	5	4.80
C-56	6	5.40
C-58	8	6.00

INSULATED FRICTION DRIVE SCREWDRIVERS

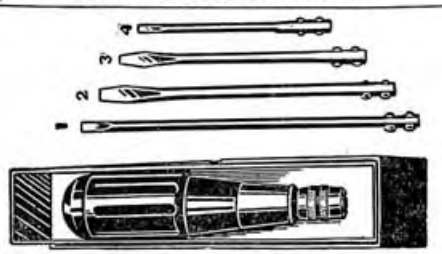
Cat. No. 1
Page 91



Mfrs. No.	Length of Blade Inches	Price Each
E-33	3	6.60
E-36	6	8.40

SCREWDRIVER SET NO. 1

Cat. No. 1
Page 91



Mfrs. No.	Number of Blades	Price Each
S-1	4	10.80

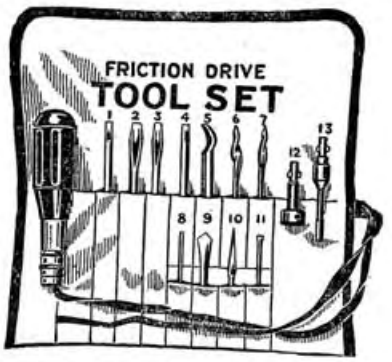
Discounts from above Lists

Standard packages of 1 dozen.....40%
Less than Standard packages.....33%

TOOL SET NO. 4

Cat. No. 1
Page 91

Tool Set. No. 4 consists of one friction drive handle with four-jaw screw chuck and the five screwdriver blades and six additional tools, also a tap holder and threading die holder.



Mfg. No. S-4—Price.....$27.00

IRON MELTING POTS

Cat. No. 1
Page 92

Price Each

Diameter, 6-inch.....$0.65

IRON SOLDERING LADLES

Cat. No. 1
Page 92

Price Each



Diameter of Bowl, 3-inch.....$0.30

SHAVE HOOK

Price Each



For scraping lead sleeves.

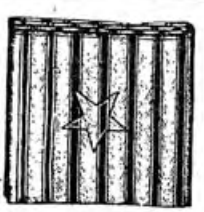
Oval or triangle pattern.....$0.30

BOXWOOD DRESSER



For shaping lead sleeves.....$0.90

MOLESKIN WIPING CLOTH



Moleskin wiping cloth for cable splicing.....$0.35

BOXWOOD TURN PIN



For expanding ends of lead sleeves.....$0.30

ELECTRICIANS' KNIVES



Single blades 1550-1.....$1.00
Double blades 1550-2..... 1.25

CABLE STRIPPERS

Mfrs. No. 1560—For insulated wire, each.....$1.25

Cat. No. 1
Page 92

UNIVERSAL DUSTERS

Price Each



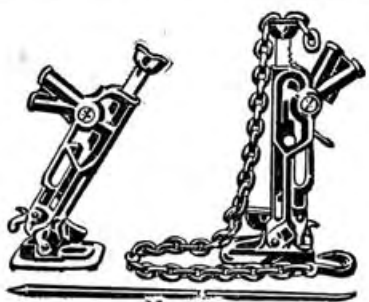
No.	Length	Price, Each
1	20 inch	$1.50
2	22⅜ inch	2.00
3	24¾ inch	3.25
4	25⅛ inch	5.00
5	32½ inch	7.00

Discount 25%; 2%-10 days.

"Staysalite" Lineman's Torch.....$4.00

Cat. No. 1
Page 93

SIMPLEX JACK



No. 318

Discount—25%.

2% 10 days.

	Price, Each
310—Simplex Jack	$32.00
312—Simplex Jack	32.00
315—Simplex Jack	36.00
318—Simplex Pole Jack	40.00

2% 10 days.

Cat. No. 1
Page 93

BROWN AND SHARPE GAUGE



This gauge is made of the best steel; tempered, adjusted and warranted accurate. Size 3¼-inch in diameter and ⅛-inch thick.

Prices on application.

Cat. No. 1
Page 93

CABLE TROLLEY OR ROLLERS

Price Each

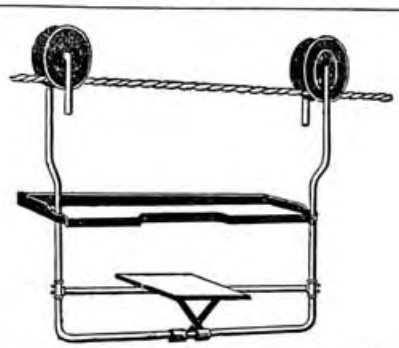


	Each
2000-31—Matlock Cable Roller (with iron roller)	$ 2.75
2000-30—Matlock Cable Roller (with wood roller)	2.25
4700-1—Cable Reel Jack	19.00
4702-2—Cable Reel Jack (with ratchet)	27.50
4700-5—Cable Reel Jack, 1¾x16"	17.25
4700-6—Cable Reel Jack, 1¾x16" (with ratche)	24.75

Net 30 days.

Cat. No. 1
Page 93

SECURITY CABLE CAR



	Each
No. 1—Car with Table	$15.85
No. 1—Car, no Table	12.35
No. 3—Car, no Safety Strap	9.45

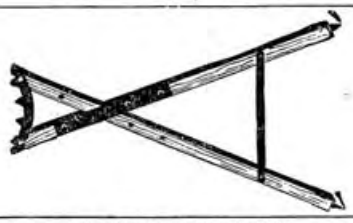
2% 10 days.

F. O. B. Toledo, Ohio.

Cat. No. 1 Page 94

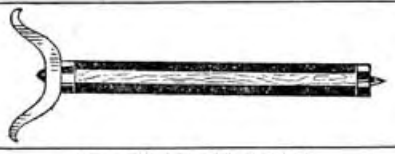
WOOD POLE SUPPORTS

Price Each



JENNEY PATTERN

Mfrs. No.	Height, Ft.	
4001-6	6	$5.35
4001-7	7	5.95



DEADMAN PATTERN

4000-6	6	$4.35
4000-7	7	5.05

GUARDED PIKES

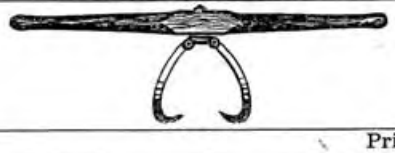


Price, Each

4100-12—12 ft. 1¾ in. Handle	$2.20
4100-14—14 ft. 1¾ in. Handle	2.35
4100-16—16 ft. 1¾ in. Handle	2.60
4101-12—12 ft. 2¼ in. Handle	2.60
4101-14—14 ft. 2¼ in. Handle	2.75
4101-16—16 ft. 2¼ in. Handle	2.90
4101-18—18 ft. 2¼ in. Handle	3.10

30 days net.

SWIVEL CARRYING HOOKS



Price, Each

3906-4—4 ft.	$2.60
3906-5—5 ft.	2.95
3906-6—6 ft.	3.20
3906-7—7 ft.	3.45

Cat. No. 1 Page 94

CANT HOOKS

Price Each



No.

3903-4½—Hickory Handle, 4½ ft.	$2.25
3904-4½—Maple Handle, 4½ ft.	1.90

Cat. No. 1 Page 94

CURVED SHOVEL HANDLES

Price Each



4507-6—6 ft. Handles	$0.80
4507-7—7 ft. Handles	.95
4507-8—8 ft. Handles	1.05
4507-9—9 ft. Handles	1.20

Cat. No. 1 Page 94

STRAIGHT SHOVEL AND SPOON HANDLES

Price Each

STRAIGHT SHOVEL HANDLE



4504-6—6 ft. Handles	$0.75
4504-7—7 ft. Handles	.95
4504-8—8 ft. Handles	1.00
4504-9—9 ft. Handles	1.15

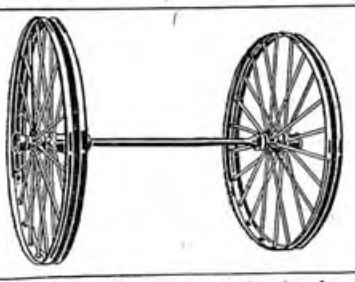
SPOON SHOVEL

4505-96—6 ft. Handles	$2.00
4505-97—7 ft. Handles	2.10
4505-98—8 ft. Handles	2.25
4505-99—9 ft. Handles	2.45

Cat. No. 1 Page 94

CABLE REEL TRUCK

Price Each



Is composed of two 72-inch metal wheels and a heavy axle.....Price on application

Cat. No. 1 Page 95

LINEMEN'S GRIPS—BUFFALO

	Each
No. 1 No. 6 Wire and smaller	$2.00
No. 2 No. 0 Wire and smaller	3.20
No. 3 No. 0000 Wire and smaller	4.80

Cat. No. 1 Page 95

BUFFALO GRIPS WITH PULLEYS

	Each
No. 1—No. 6 Wire and smaller	$2.40
No. 2—No. 0 Wire and smaller	3.60
No. 3—No. 0000 Wire and smaller	5.20

BUFFALO GRIPS FOR INSULATOR WIRE

	Each
No. 4—.52-inch Opening	$3.20
No. 4—With Pulley	3.60
No. 5—.68-inch Opening	4.00
No. 5—With Pulley	4.40

BUFFALO LINEMEN'S TOOLS

No. 1—No. 6 Wire and smaller
No. 2—No. 0 Wire and smaller
No. 4—For Insulated Wire
} Prices on application

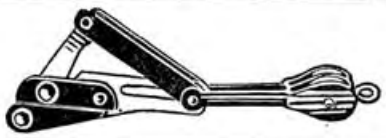
Cat. No. 1 Page 95

CHICAGO GRIPS

		Price Each
1613-20	No. 10 wire and smaller	$2.80
1613-30	No. 6 wire and smaller	3.05
1613-40	No. 0 wire and smaller	4.50
1613-50	No. 0000 wire and smaller	6.50

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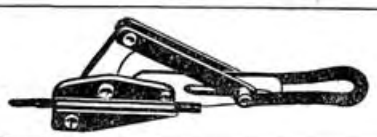
CHICAGO GRIPS WITH PULLEYS



		Price Each
1612-20	No. 10 wire and smaller	$3.75
1612-30	No. 6 wire and smaller	4.00
1612-40	No. 0 wire and smaller	5.00
1612-50	No. 0000 wire and smaller	6.90

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CHICAGO GRIPS FOR INSULATED WIRE



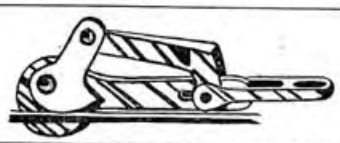
		Price Each
1611-10	No. 10 wire and smaller	$3.50
1610-10	With pulley	4.00
1611-20	No. 4 wire and smaller	4.00
1610-20	With pulley	4.45
1611-30	No. 00 wire and smaller	4.90
1610-30	With pulley	5.40
1611-40	No. 0000 wire and smaller	7.35
1610-40	With pulley	7.80

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CHICAGO LINEMEN'S TOOLS

		Price Each
1700-20	No. 10 wire and smaller	$6.95
1700-30	No. 6 wire and smaller	7.50
1700-40	No. 0 wire and smaller	8.25

STYLE A GRIPS



		Price Each
1605-10	No. 8 wire and finer weight; ½ lbs.; polished brass	$3.10
1605-20	½-in. wire and finer weight; 2½ lbs. polished steel	3.50

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AMERICAN GRIPS

		Price Each
1602-10	For No. 6 wire and smaller N. P.	$2.25
1602-20	For No. 0 wire and smaller N. P.	3.60

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COME-ALONG ECCENTRIC CLAMPS

		Price Each
1609-20	For No. 8 wire and finer, galvanized	$0.70
1609-30	For No. 6 wire and finer, galvanized	.85
1609-40	For No. 0 wire and finer, galvanized	1.15

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HAVEN'S STEEL CLAMPS



		Price Each
1604-10	For No. 8 wire and finer galvanized	$2.00
1604-20	For ½-inch wire and finer galvanized	2.75

Very efficient for all-round work.

Cat. No. 1 Page 96

SAMSON WEDGE CLAMPS



FOR MESSENGER WIRE

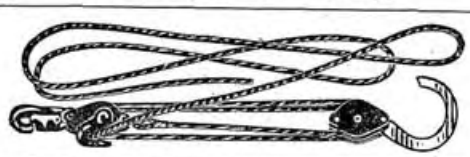
Mfrs. No.		Price Each
1618-20	For $\frac{3}{16}$ to ⅜-inch	$10.50
1618-30	For ¼ to ½-inch	12.50
1618-40	For $\frac{5}{16}$ to ⅝-inch	14.00

FOR TROLLEY WIRE

1619-20	For 6 to 00 B. & S.	$10.50
1619-30	For 2 to 0000 B. & S.	12.50
1619-40	For ⅝-inch and smaller	14.00

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LINEMEN'S SLACK TACKLE



Mfrs. No.	Size Blocks	Per Set
1801-30	2 in.	$3.15

Cat. No. 1 Page 96

SELF-LOCKING LINEMAN'S EYE BLOCKS

Mfrs. No.		Per Set
1803-30	Galvanized	$2.90

Furnished with 25 feet ⅜-inch rope.

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HOWES WIRE TOOLS WITHOUT VISE



Mfrs. No.		Per Set
1702-20	Single purchase	Each $4.40
1702-30	Double purchase	Each 4.95

LINEMEN'S BLOCKS, WITH STRAPS

Cat. No. 1 Page 96 — Per Set



4904-12 With 12 foot strap, 2¾.....Price, Each $5.25

OCTAGONAL STEEL CROW AND DIGGING BARS

Cat. No. 1 Page 97 — Price Each



No.	Size	Price, Each
3700-22	1⅛"x6 ft.	$5.70
3700-26	1⅛"x7 ft.	6.25
3770-30	1⅛"x8 ft.	6.75
3700-18	1 "x6 ft.	4.25
3700-21	1 "x7 ft.	4.80
3700-24	1 "x8 ft.	5.25

OCTAGONAL STEEL TAMPING AND DIGGING BARS



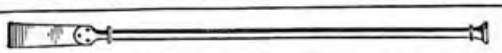
No.	Size	Price, Each
3701-23	1⅛"x6 ft.	$5.95
3701-27	1⅛"x7 ft.	6.35
3701-31	1⅛"x8 ft.	7.15
3701-19	1 "x6 ft.	5.25
3701-22	1 "x7 ft.	5.50
3701-26	1 "x8 ft.	6.10

WOOD HANDLE IRON SHOD TAMPING BAR



No.	Size	Price, Each
3800-7	7 ft.	$2.15
3800-8	8 ft.	2.30

DIGGING SPUD AND TAMPING BAR



No.	Size	Price, Each
3702-9	9 ft.	$4.25

ELECTRIC TAMPING BAR



No.	Size	Price, Each
3801-8	8 ft.	$3.15

30 days net.

LOY DIGGING TOOLS



No.	Size	Price, Each
3703-18	8 ft.	$3.65

PLAIN PIKES



No.	Size	Price, Each
*4102-12	12 ft. 1¾" Handle	$1.25
*4102-14	14 ft. 1¾" Handle	1.40
*4102-16	16 ft. 1¾" Handle	1.65
*4103-12	12 ft. 2⅛" Handle	1.70
*4103-14	14 ft. 2⅛" Handle	1.95
*4103-16	16 ft. 2⅛" Handle	2.20
*4103-18	18 ft. 2⅛" Handle	2.50

EXTRA HEAVY

No.	Size	Price, Each
*4104-12	12 ft. 2½" Handle	$1.75
*4104-14	14 ft. 2½" Handle	2.00
*4104-16	16 ft. 2½" Handle	2.30
*4104-18	18 ft. 2½" Handle	2.60

30 days net.

DIGGING TOOLS

Cat. No. 1 Page 98 — Price Each

UNIVERSAL DIGGERS



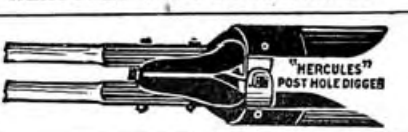
No.	Weight per Doz.	Price, Each
1	160 lb.	$2.00
2	200 lb.	2.25
3	215 lb.	2.50

F. O. B. Canton, Ohio.

2% 10 days

HERCULES POST HOLE DIGGER

Cat. No. 1 Page 98 — Price Each

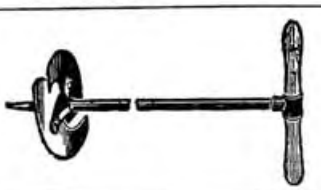


Length, Ft.

5 .....
7 ..... } Prices on application

POST HOLE AUGERS

Cat. No. 1 Page 98 — Price Each

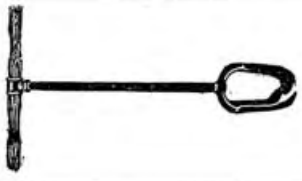


Mfg. New-No.	Price, Each
4200-106—10 in. Blade, 6 ft. Stem	$4.55
4200-126—12 in. Blade, 6 ft. Stem	5.00
4200-146—14 in. Blade, 6 ft. Stem	5.75
4200-148—14 in. Blade, 8 ft. Stem	6.15
4201-H—Adjustable Handles for above	1.60

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IWAN'S PATENT POST HOLE AUGER

Price Each



Diam. Inches		
8	4 ft. stem	$1.50
10	4 ft. stem	1.90
12	6 ft. stem	4.75
14	6 ft. stem	5.95
16	6 ft. stem	7.15

Cat. No. 1
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D HANDLE SHOVELS, ROUND POINT

Per Dozen



4509-9—Size No. 2 Best Grade
4501-9—Size No. 2 First Grade
} Prices on application

Cat. No. 1
Page 98

D HANDLE SHOVELS, SQUARE POINT

Per Dozen



4502—Size No. 2 Best Grade..
4503—Size No. 2 First Grade..
} Prices on application

POST HOLE SPOONS



	Price, Each
4504-226—6 ft.	$2.15
4504-227—7 ft.	2.25
4504-228—8 ft.	2.45
4504-229—9 ft.	2.70

The above spoons have long straps and straight handles.

POST HOLE SHOVELS



4506-226—6 ft.	$2.00
4506-227—7 ft.	2.20
4506-228—8 ft.	2.40
4506-229—9 ft.	2.70

The above shovels have long straps and straight handles.

Cat. No. 1
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TOOLS, FAVORITE TREE TRIMMERS



Mfrs. No.	Price Each	Length Inches
1394	$2.75	19
1395	3.75	21

Cat. No. 1
Page 99

SAW ONLY

1393	$1.00	12

Cat. No. 1
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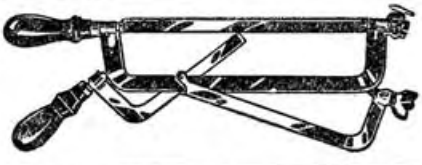
TRIMMER HANDLES

Price Each

18-foot length	$1.35
Two 9-foot handles joined with ferrule	2.15

Cat. No. 1
Page 79

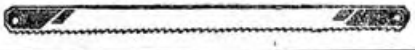
HACK SAW FRAMES, ADJUSTABLE



No. 50A—Nickel Plated.....Prices on application

Cat. No. 1
Page 79

HACK SAW BLADES

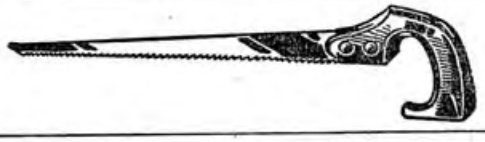


Length Inches	Length Inches
8	11
9	12
10	

Prices on application.

Cat. No. 1
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COMPASS SAWS



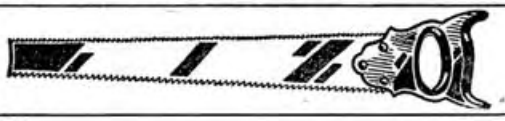
Length Inches	Length Inches
10	16
12	18
14	

Prices on application.

Cat. No. 1
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CABLEMEN'S SAWS

Price Each

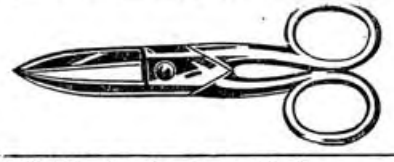


Length Inches		
14	Double edge	$1.30

Cat. No. 1
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ELECTRICIANS' SCISSORS

Price Each



Mfrs. No. 2100-5	5 inches long, N. P.	$1.25

Cat. No. 1
Page 100

C. AND L. TORCHES AND FIRE POTS

Price Each



No. 32



No. 108

CLAYTON AND LAMBERT TORCHES AND FIRE POTS

No. 1	Fire Pot	$13.60
No. 5	Fire Pot	12.40
No. 7	Fire Pot	15.20
No. 17	Fire Pot	21.20
No. 73	Fire Pot	15.20
No. 71	Fire Pot	13.60
No. 72	Fire Pot	12.40
No. 10	Fire Pot	7.10
No. 20	Fire Pot	7.20
No. 11	Fire Pot	9.80
No. 21	Fire Pot	10.60
No. 221	Fire Pot	16.80
No. 222	Fire Pot	17.60
No. 223	Fire Pot	18.80
No. 20	Torch	6.00
No. 10	Torch	3.20
No. 11	Torch	2.40
No. 14	Torch	4.00
No. 28	Torch	2.60
No. 18	Torch	6.40
No. 19	Torch	6.80
No. 31	Torch	7.60
No. 32	Torch	8.00
No. 37	Torch	6.80
No. 38	Torch	7.20
No. 47	Torch	$ 8.80
No. 48	Torch	9.20
No. 61	Torch	7.20
No. 62	Torch	10.40
No. 96	Torch	8.80
No. 95	Torch	7.20
No. 107	Torch	7.20
No. 108	Torch	7.60
No. 112	Torch	7.20
No. 120	Torch	6.80
No. 122	Torch	6.00

Discount—25% from above.
Terms—2% cash 10 days.

30 days net.

Cat. No. 1
Page 101

TURNER TORCHES

Price Each

TORCHES

No.	Catalog Price, Each	No.	Catalog Price, Each
8	$14.00	207	$ 6.80
20	8.40	208	7.20
21	8.00	210	6.40
50	14.00	215	6.00
58	3.20	223	6.40
64	6.40	224	6.80
65	9.35	301	6.80
79	7.85	302	7.20
92	10.25	304	6.80
93	10.25	308	6.40
95	10.85	310	6.00
96	12.00	315	6.60
97	13.80	323	6.00
100	9.35	324	6.40
201	7.60	418	8.80
202	8.00	419	9.20
203	7.20	425	8.80
204	7.60	426	9.20

FURNACES



No.	Catalog Price, Each
34	$13.60
36	10.40
53	6.00
63	6.80
56	8.80
66	9.60
83	15.20

BRAZING MACHINES

No.	Catalog Price, Each
47	$61.30
47A	69.30
48	60.00
48A	68.00
69—Complete, with stand	137.00
69—Without stand	126.00
69—With one burner only	110.40
69—With one burner and less stand	100.80
82	89.30
82A	97.30
88	58.70
90	69.40
90A	74.70
91	106.70
91A	106.70
105	52.80

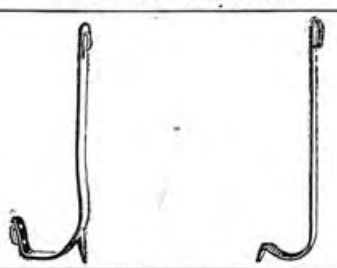
F. O. B. Sycamore, Ill.

Discount—30%. 2% 10 days.

Cat. No. 1 Page 102

WESTERN CLIMBERS

Per Pair



Made in lengths from 15 to 18 inches by ½-inch variations.

1902 ..... $2.30

STRAPS FOR WESTERN CLIMBERS

5300-1 Plain Leather ..... Price, Set $3.75

Cat. No. 1 Page 102

KLEIN'S EASTERN CLIMBERS

Per Pair

1900 Without straps $3.15
1903 Light weight without straps 3.15

PUNCHED LOOP

1901 Without straps $2.85

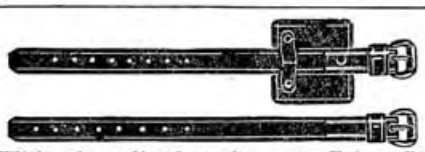
Nos. 1900 and 1901 made in lengths from 14 to 19 inches by ½-inch variations.

No. 1903 made in sizes from 14 to 16½ inches by ½-inch variation.

Cat. No. 1 Page 102

STRAPS FOR EASTERN CLIMBERS

Per Set



5301-2 With sheep-lined pads ..... Price, Set $4.20
5301-3 With felt-lined pads ..... Price, Set 4.20
5301-1 Set consists of two upper straps. With 4x4 plain leather pads and two lower straps.... ..... Price, Set 3.75

PADS FOR CLIMBERS

8200 Sheep lined ..... Prices on application
8201 Felt lined ..... Prices on application
8202 Plain leather ..... Prices on application

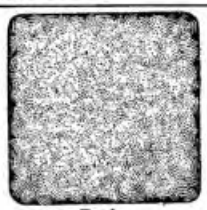
Cat. No. 1 Page 102

LEATHER POUCHES

Price Each



Pouch



Pad

Mfrs. No.

5106 Weight 6 ounces ..... Each $1.00
Has loops for belt.
State for what size belt pouch is wanted.

Cat. No. 1 Page 102

TOOL BELTS

Price Each



Mfrs. No.

5204 3½ inches wide ..... Each $6.15
5205 2¼ inches wide, double back ..... Each 5.45

When ordering belts state if wanted for 38, 40, 42, 44 or 46-inch waist.

Cat. No. 1 Page 103

JACK COME-ALONG OR VISE STRAPS



Mfrs. No.

5303-1 Jack straps for vise ..... Each $2.60

BELT AND SAFETY STRAPS



Price Each

5206-1A Belt and safety strap ..... Each $9.50
5250 Safety strap only ..... Each 4.50

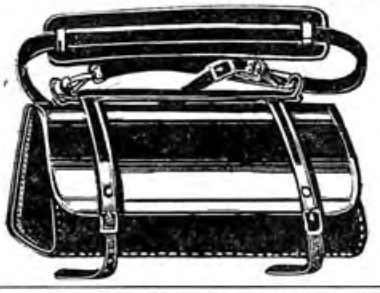
State if tool belt is wanted for 38, 40, 42 or 44-inch waist.

COMBINED SAFETY AND JACK STRAPS



5308 1¾-inch strap with fixed snap on one end and roller snap at other end.....Price, Each..$4.60

INSPECTOR'S LEATHER TOOL BAGS



Made entirely of leather, have tongue and buckle fastenings and shoulder straps.

5108-14	14x8	Price, Each	$7.00
5108-16	16x8	Price, Each	7.60
5108-18	18x8	Price, Each	8.30
5108-20	20x8	Price, Each	9.00
5108-22	22x8	Price, Each	9.70
5108-24	24x8	Price, Each	10.40

LINEMEN'S TOOL BAGS



Canvas

Equipped with leather handles, sides and bottom, W. U. pattern.

Mfrs. No.	Size	Price, Each
5102-12	12 in.	$4.30
5102-14	14 in.	4.80
5102-16	16 in.	5.30
5102-18	18 in.	5.80
5102-20	20 in.	6.30
5102-22	22 in.	6.70
5102-24	24 in.	7.30

LINEMEN'S RUBBER GLOVES

Standard weight for 4000 volts with gauntlet.

Mfrs. No.	Length Inches	Size Glove	Size Hand	Prices
5004-9	12	13	9	$3.50 pair
5004-10	12	15	10	3.50 pair



Heavy weight for 10,000 volts with gauntlet.

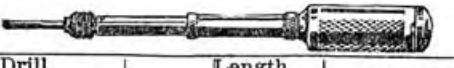
Mfrs. No.	Length Inches	Size Glove	Size Hand	Prices
5005-9	12	13	9	$4.00 pair
5005-10	12	15	10	4.00 pair

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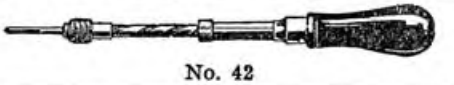
YANKEE AUTOMATIC DRILLS

AUTOMATIC DRILLS

No. 41

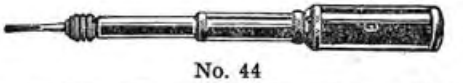


Size Drill Inches	Length Inches	Per Doz.
1/16-11/64	11⅞	$16.70



No. 42

1/16-11/64	11⅞	$12.75



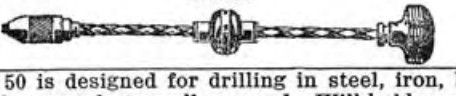
No. 44

1/16-11/64	11¼	$18.50

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RECIPROCATING DRILLS

No. 50

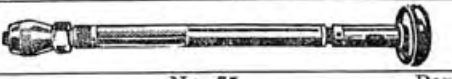


No. 50 is designed for drilling in steel, iron, brass and other metals as well as wood. Will hold any drill with straight shank. 5/16-inch or smaller. Traverse, 8½ inches.

Length of drill, 16 inches.....$26.75

Cat. No. 1 Page 104

PUSH BRACES

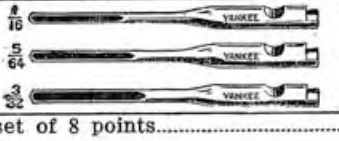


	No. 75	Per Doz.
16¼	23½	$30.00

Cat. No. 1 Page 104

DRILL POINTS

Per Set



Complete set of 8 points.....$0.44

Cat. No. 1
Page 104

EXTRA DRILL POINTS

Size Inches	Per Doz.	Size Inches	Per Doz.
1/16	$0.66	1/8	$0.66
5/64	.66	9/64	.66
3/32	.66	5/32	.66
7/64	.66	11/64	.66

ATTACHMENTS FOR SPIRAL SCREWDRIVERS

Cat. No. 1
Page 104

Price Each

For No. 30, have shanks 3/32-inch diam. and fit No. 20, size 2 ..... $1.00
For No. 31, have shanks 1/16-inch diam. and fit No. 20, size 3 ..... .55
For No. 35, have shanks 7/32-inch diam. and fit No. 20, size 1 ..... .30

The shanks are same diameter as regular bit where it fits in chuck and spiral driver.

Cat. No. 1
Page 104

CHUCKS

Price Each



With 8 drill points 1/16 to 11/64 inclusive.	Per doz.
No. 30	$6.00
No. 31	6.00
No. 35	3.00

Cat. No. 1
Page 104

COUNTERSINKS

Price Per doz.



Sizes for Nos. 30 and 35 ..... $1.40

BIT WITH SCREW EYE HOLDER ATTACHMENT

Cat. No. 1
Page 104

Price Each



Sizes Nos. 30 and 35 ..... $0.30

BIT WITH SCREW HOLDER ATTACHMENT

Cat. No. 1
Page 104

Price Each



For No. 30, size 2 ..... $0.30
For No. 31, size 3 ..... .30
For. No. 35, size 1 ..... .30

Cat. No. 1
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YANKEE SCREWDRIVERS

RATCHET SCREWDRIVERS

No. 10



Length Blade Inches	Per Doz.	Length Blade Inches	Per Doz.
2	$3.50	6	$6.25
3	4.50	8	7.15
4	4.90	10	8.40
5	5.35	12	9.25

No. 15



2	$4.00	4	$4.60
3	4.30	5	4.90
		6	5.25
		8	5.90

No. 12



6	$4.80		

No. 30



13½	$17.50	19½	$17.50

No. 31



17½	$23.35	26¼	$23.35

No. 35



9⅛	$13.40	12⅜	$1.20

No. 130

Quick return same as No. 30, with spring in handle, causing handle to automatically come back for the next push.

Per dozen $20.00

TOOL SET

No. 100—Each $4.00

logue and Bulletin List

If you are a telephone man, and have not these catalogues—ask us for a set today—you will find them worth while.

Catalogue No. 1. Line Construction material.

Bulletin No. 83. Secrets of Service. A valuable book on proper line construction.

Catalogue No. 3. Telephone and Switchboard equipment.

Bulletin No. 79 and 89. Descriptive Bulletins on Telephones.

Bulletin No. 92. Farm Line Telephones.

Bulletin No. 140. Net price list on Magneto Telephones.

Bulletin No. 91. Common Battery Telephones.

Bulletin No. 98. Repeating Coils.

Bulletin No. 86. P. B. X. Switchboards.

Bulletin No. 10. Magneto Switchboards.

Bulletin No. 74. Universal Switchboards.

Booklets on Instantaneous Recall Switchboards.

Booklet on Common Battery Switchboards.

Let us know what you need.

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CHICAGO, ILL.

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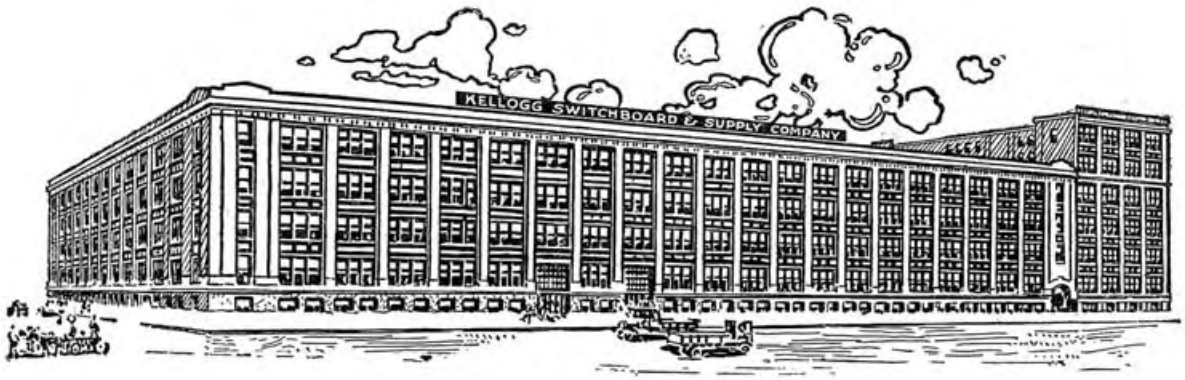
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STATE_____

QUANTITY	CODE LIST	DESCRIPTION OF GOODS	PRICE
		Signature of Purchaser:	

(ENCLOSE P. O. MONEY ORDER, or EXPRESS ORDER, or CHECK; or mark C. O. D.)

PRICE LIST 103



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CHICAGO, ILLINOIS

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Columbus, Ohio, 409 Huntington Bank Bldg.

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