

**Copper & Brass
Hammers**

Forged Soldering Coppers

**Electric Brand
Trolley Wheels**

THE ELECTRIC MATERIALS

ELECTRIC MATERIALS



Copper and Brass Hammers

Copper Hammers, conforming to Federal Specification GGG-H-33a Type 2, Class 1, TMP-040, can be furnished with either wooden (hickory) or fiberglass handles.

Hickory handles are air-seasoned, second growth hickory, balanced for length and fully secured for safety. All hickory handled hammers are provided with the head properly cored during casting to allow for internal handle spread when wedging is specified.

Higher strength fiberglass handles, approximately eight times stronger than wooden handles, are offered to reduce handle breakage in applications where severe and damaging usage is expected.

All hammers can be supplied with either hickory or fiberglass handles in sizes including: 1/2, 1, 1 1/2, 2, 3, 4, 5, 6, 8, 10, 12 and 16 lb.

In addition to copper heads, hammers can be furnished with brass, bronze, aluminum bronze or aluminum heads to meet the needs of your requirements.



Specifications

Dimensions in inches

Hammer Weight (pounds)	Face Diameter	Barrel Diameter	Head Length	Over-all Length including Handle
1/2	3/4	1 1/16	2	10 1/2
1	1	1 1/4	2 13/16	12
1 1/2	1 3/16	1 1/2	3 1/16	13
2	1 3/16	1 9/16	3 1/2	13
3	1 1/2	1 13/16	3 3/4	15
4	1 3/4	2 1/16	3 7/8	15
5	2	2 1/4	4 1/8	15
6	2	2 5/8	4 5/8	18
8	2	2 3/4	5 5/8	21
10	2	2 7/8	5 13/16	21
12	2 1/8	3	6 7/8	24
16	2 3/4	3 3/4	7	30



Forged Style S Soldering Coppers

Specifications

Dimensions in inches

Weight per Pair	Copper Diameter	Copper Length	Over-all Length
1	3/4	2 5/8	10 1/8
1 1/2	7/8	3 1/8	10 7/8
2	1	3 5/8	12 3/8
3	1 1/8	4 1/4	13 1/4
4	1 1/4	4 7/8	14 5/8
5	1 5/16	5 1/8	15 1/8
6	1 3/8	5 1/2	15 3/4
8	1 1/2	6	16 3/4
10	1 11/16	6 3/4	17 3/4

Style S Pointed



Style S Flat



Improved balance is inherent in the Style S type, making it the preferred tool of those engaged in hand soldering operations. The head is forged from drawn electrolytic copper rod (99.92% pure) to assure maximum metal density and consequent heat retention.

Rigid Hatchet Type



This hatchet design is made in Style S only and in 3, 4, 6 and 8 lb. per pair sizes.

Numerous other special configurations are produced by The Electric Materials Company and inquiries are welcomed.

Electric Brand™ Trolley Wheels

Continuous quality
since 1915

To attain maximum operating efficiency in current collection, trolley wheels must be of such design and metal composition that they enjoy a long useful life but with minimum wire wear. **Electric Brand** wheels have achieved this performance through constant laboratory tests and the development of carefully alloyed virgin metals. Special attention to precision machining of the wheels eliminates tendencies to chatter and arc.

The **Electric Brand** wheels listed below are standard at TEMCO. Custom made wheels to your specifications are also available



Specifications

Dimensions in inches

Type 237

V Groove – Plain Bore

Catalog Number	O.D.	Flange	Hub	Bore
237	2 ³ / ₈	1/2	7/8	1/2
237B	2 ³ / ₈	1/2	7/8	5/8

Type 250

V Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
250	2 ¹ / ₂	1	1 ¹ / ₄	1/2
250A	2 ¹ / ₂	1	1 ¹ / ₄	5/8
250B	2 ¹ / ₂	1	1 ¹ / ₂	1/2
250C	2 ¹ / ₂	1	1 ¹ / ₂	5/8

Type 300

U Groove – Plain Bore

Catalog Number	O.D.	Flange	Hub	Bore
300	3	1 ³ / ₁₆	7/8	1/2
300A	3	1 ³ / ₁₆	7/8	9/16
300B	3	1 ³ / ₁₆	7/8	5/8

Type 400

V Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
400	4	1 ³ / ₈	1 ¹ / ₂	1/2
400A	4	1 ³ / ₈	1 ¹ / ₂	5/8
400B	4	1 ³ / ₈	1 ¹ / ₂	3/4

Type 425

Special Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
425	4 ¹ / ₄	1 ³ / ₈	1 ¹ / ₂	1/2
425A	4 ¹ / ₄	1 ³ / ₈	1 ¹ / ₂	5/8
425B	4 ¹ / ₄	1 ³ / ₈	1 ¹ / ₂	3/4

Type 435

Special Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
435	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	1/2
435A	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	5/8
435B	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	3/4

Type 437

V Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
437	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	1/2
437A	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	5/8
437B	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	3/4

Type 438

U Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
438	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	1/2
438A	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	5/8
438B	4 ³ / ₈	1 ³ / ₈	1 ¹ / ₂	3/4

Type 500

V Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
500	5	1 ³ / ₈	1 ¹ / ₂	1/2
500A	5	1 ³ / ₈	1 ¹ / ₂	5/8
500B	5	1 ³ / ₈	1 ¹ / ₂	3/4

Type 600

V Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
600	6	1 ³ / ₈	1 ¹ / ₂	5/8
600A	6	1 ³ / ₈	1 ¹ / ₂	3/4
600AE	6	1 ³ / ₈	2	3/4

Type 601

U Groove – Bushed Bore

Catalog Number	O.D.	Flange	Hub	Bore
601	6	1 ³ / ₈	1 ¹ / ₂	5/8
601E	6	1 ³ / ₈	2	5/8



- ◆ The Electric Materials Plant is located 150 miles north of Pittsburgh along Lake Erie, midway between Buffalo and Cleveland.
- ◆ As an independent producer, we are geared to provide customers fast, quality service.
- ◆ We encourage customers to visit our plant when traveling through our area.

ELECTRIC MATERIALS



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