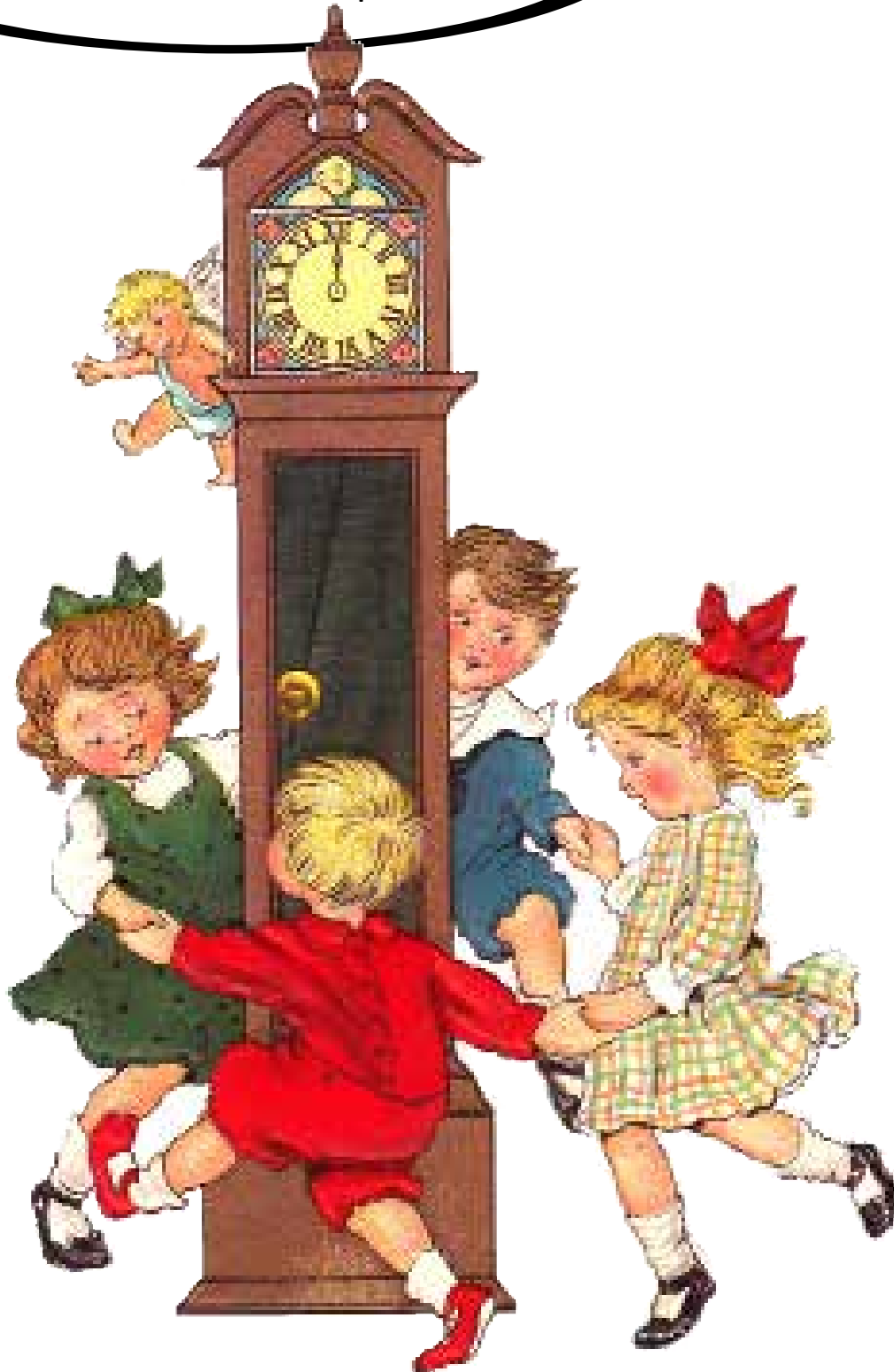




2024-2026 Catalog #47
USA \$5.00
Canada \$6.50
Mexico \$10.00
International \$12.00
Account # _____



2024-2026 Timesavers Catalog #47

"Worldwide Distributor Of Clock Repair Material"

Orders: 800-552-1520

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Web Site: www.timesavers.com

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Welcome To Timesavers Catalog #47

Catalog #47 is our most comprehensive to date and is now online. Order 24/7 with complete confidence and safety on our secure website: www.timesavers.com. Or contact us by email:

info@timesavers.com

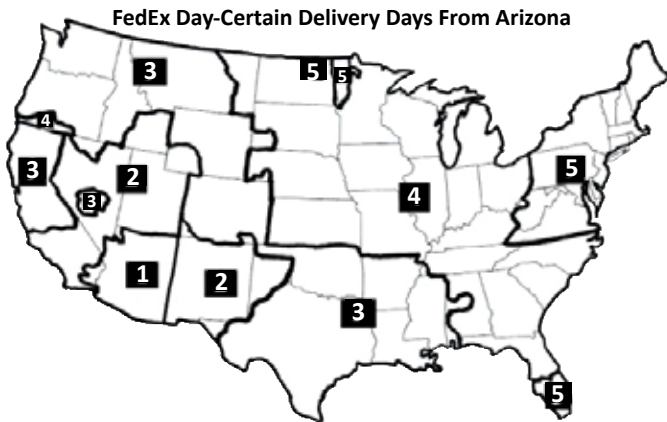
If you require additional assistance, please call us at **800-552-1520** or **480-483-3711**. Although we don't always have the answers, we'll do our best to steer you in the right direction.

Timesavers is home to:

- **The Golden Hour Clock Company** known worldwide for the Golden Hour Mystery Clock. We stock a large selection of replacement parts. **See Page #39**
- **Timesavers** has purchased the remaining inventory of a defunct material house. Many of the items are available at reduced pricing listed throughout this catalog.

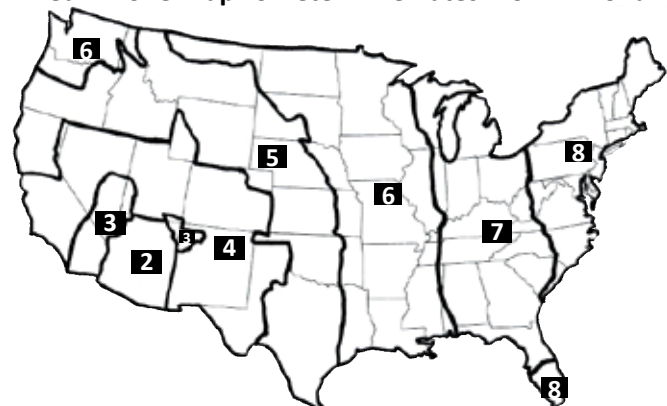
Please take a few moments to view our large inventory of parts, many of which aren't available anywhere else. We thank each and every one of you for your business.

Your Friends at Timesavers



Number of delivery days from the date of shipment to your location. Calculate working days only. Do not include Saturdays, Sundays or Holidays.

FedEx Zone Map To Determine Rates From Arizona



Shipping Choices

Shipping charges have increased significantly in the past few years. We ship your package according to your instruction. If no instruction is given, we ship via the least expensive method. At the time of publication, the choices available to you are:

U.S. Postal Service:

Website for current pricing and options: <http://www.usps.com>

Domestic Postal Services:

- **USPS Ground Advantage** 3-5 days
(Not Guaranteed-\$30 Insurance included)
- **Priority Mail** 2-5 days
(Not Guaranteed-\$100 Insurance included)
- **Media Mail** 1 oz. and over 2-8 days
(Not Guaranteed-For printed matter: books, catalogs, etc.-Insurance extra)

Domestic Priority Mail Flat Rate Boxes

(Rates in effect at time of publication, subject to change by USPS) We've found these boxes a cost-effective option for small parts. One rate applies to as much as we can fit in the boxes below, up to 70 lbs. (insurance is extra) to anywhere in the USA. Pricing in effect at time of publication:

- Small Box (8-5/8" x 5-3/8" x 1-5/8") from **\$10.40/shipment**
- Medium Boxes (11" x 8-1/2" x 5-1/2") or (13-5/8" x 11-7/8" x 3-3/8") from **\$18.50/shipment**
- Large Box (12" x 12" x 5-1/2") from **\$24.75/shipment**

NOTE: May not be suitable for delicate parts or very heavy weights.

International Postal Services:

- **First Class and Priority Mail International:** Shipments less than 4 lbs ship via First Class or Priority Mail. Shipments 4 lbs to 70 lbs are automatically shipped via Priority Mail. Pricing varies base on weight and destination. Typically 2-4 days delivery, not guaranteed. Flat rate box and envelope shipping available.
- **Express Mail International** 1 oz. to 70 lbs. **Guaranteed** service. Flat rate box and envelope shipping available. Typically 3-5 day delivery.

FedEx Services:

FedEx (Includes Insurance Up To \$100):

Note: Website for current published rates: www.fedex.com

- **Regular FedEx Ground** is a 2-5 Working Day Service Not Guaranteed.
- **3 Day FedEx Select** is a 3 Working Day Guaranteed Service.
- **2 Day FedEx Blue Label** is a 2 Working Day Guaranteed Service.
- **1 Day FedEx Red Label** is a 1 Working Day Guaranteed Service.

Note: Additional services (AM delivery, Saturday delivery, oversized packages, hazardous material shipping, etc.) are available at additional charge billed at published rates. See map for zones to calculate shipping time from Arizona to your location.

To Our Valued Customers

Timesavers strives to be your #1 supplier. In our continuing effort to earn your business:

1. We've added many new, hard-to-find products to help you save time and money.
2. If you're in a hurry, we encourage you to use **FedEx or USPS 1-Day, 2-Day or 3-Day** service. See **Page 3**.
3. You can place your order **24/7** on our secure website: **www.timesavers.com**.

Business Hours

- We are open 8AM through 4PM, Monday through Friday, Mountain Standard Time. Arizona does not observe Daylight Savings Time. Counter sales are welcome from 8AM to 3PM.

Guarantee

- All material is unconditionally guaranteed for 1 year unless otherwise specified.
- You must be 100% satisfied or your money will be refunded.

How To Order

- To ensure speed and accuracy, please use our part numbers.
- When mailing or e-mailing, include your account number, name, street address (for **FedEx** delivery) and phone.
- When calling our toll-free order line, please have your order written out in advance and provide your account number.
- Arizona residents please add **8.05%** State Sales Tax or provide your current resale number.

Shipping Information

- Domestic orders are shipped via **FedEx** or **USPS** unless customer specifies otherwise. The chart on **Page 3** gives approximate **FedEx** delivery times from Arizona.
- Orders of any size are welcome. Orders **less than \$20.00** in value will have a **\$4.00** handling charge added in addition to applicable shipping and insurance charges.
- Shipping and insurance charges are added to your invoice.
- International customers: Allow a minimum of **25%** for shipping. **Actual shipping charges are determined by weight and size. A \$3.00 document and processing fee is added to every international shipment.**
- Overpayments are refunded, underpayments will be billed.
- Orders are shipped F.O.B. Scottsdale, AZ, except for drop shipments.
- **FedEx Next Day, Second Day, and Third Day** are available on all domestic shipments at additional charge.

Payment Information

- Visa, MasterCard, Discover and personal checks are welcome. If ordering for the first time, payment can be made by check, money order or credit card only. Sorry, no C.O.D.'s.
- Open accounts are available to firms and hobbyists with a good credit rating. Please request a credit application.
- All payments must be made in U.S. funds.
- N.S.F. checks will necessitate a **\$35.00** service charge.

Stock Checks

- We're happy to verify stock on any item at the time you place an order. Please request this service in order to avoid delays or disappointments.

- We may occasionally be out of stock on items you've ordered. Backordered items less than **\$5.00** in value will be canceled and must be re-ordered unless instructed otherwise. Items **\$5.00** or more in value will be placed on backorder. If these items return to stock within 45 days, they will ship to you automatically. However shipping charges will be added to the backorder invoice. If we do not receive the item after 45 days, your backorder will be canceled.
- We cannot provide our backorder service to international customers unless authorized to do so. Customer will incur additional shipping charges.

Returns

- Returns must be made within 10 days of receipt.
- Special ordered items are not returnable.
- Items cannot be accepted for return without a copy of the invoice or invoice number. **You must include a short note to let us know the reason for the return.** Tell us if you'd like a credit, refund or exchange. Return carefully packaged to:

Timesavers

**7745 East Redfield Road, Suite #500
Scottsdale, Arizona 85260-3456 U.S.A.**

- Returned items must be in new condition and will not be accepted for credit or refund if used, altered or modified in any way.
- There's a **\$3.00** restocking charge for returning a part incorrectly ordered.

Claims and Exchanges

- Claims for shortages or damage must be made to us within 5 days of delivery. **No Exceptions.**
- Exchanges, credits or refunds will not be made until items are received back to Timesavers.

Pricing

- Prices in this catalog are in effect **06/01/2024**.
- **Prices, specifications and descriptions are subject to change without notice. All orders are invoiced at prevailing prices.**
- **For current pricing or availability please go to www.timesavers.com or call us at 480-483-3711.**
- We are not responsible for typographical errors or omissions.
- We are not responsible for incidental damages or injuries caused by the use of products or information contained in this catalog.

Important Notice

- **An item listed for use on a particular product does not indicate it was made by that manufacturer and may be made by another party for use on or with their products.**



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Generic Atmos Material & Tools

Generic Suspension Spring Material For Atmos & Reutter

Field Tested For Accuracy



Temperature compensating suspension spring is 9" long. Install your own fittings to complete. Timing adjustments may be required due to pendulum mass variations during production.
No. 22696 Atmos **\$19.50 each**
No. 23752 Reutter **\$20.00 each**

Generic Brass Mass Timing Weights For Atmos



Size x Thickness

For Model 519:

- No. 14249** Small x 0.45mm **\$9.00 each**
- No. 14250** Small x 0.90mm **\$9.00 each**
- No. 14253** Large x 0.45mm **\$9.50 each**
- No. 14254** Large x 0.90mm **\$9.50 each**
- No. 14255** Large x 1.75mm **\$10.00 each**
- No. 14256** Large x 2.50mm **\$10.00 each**

For Model 528:

- No. 14251** Small x 1.75mm **\$9.50 each**
- No. 14252** Small x 2.50mm **\$9.50 each**

Generic Stud Weights For Atmos - Brass



Diameter x Thickness

- No. 14257** 11mm x 6.5mm **\$6.00 each**
- No. 14258** 11mm x 7.0mm **\$6.00 each**
- No. 14259** 11mm x 8.0mm **\$6.00 each**
- No. 14260** 13mm x 6.5mm **\$7.00 each**
- No. 14261** 13mm x 7.0mm **\$7.00 each**
- No. 14262** 13mm x 8.0mm **\$7.00 each**

Generic Brass Weight Screw For Atmos



No. 14263 M3 x 15mm **\$7.50 each**

Generic Brass Case Screw For Atmos



Gold plated. Fits on the top four corners of the Atmos 528 case.
No. 32155 **\$8.00 each**

Generic Chain For Atmos



Bright gold filled 3" chain (Atmos #3491).
No. 22880 **\$8.50 each**

Generic Replacement Front For Atmos



1/8" thick.
528 Caliber
No. 23568 6-7/16" x 7-1/8" **\$15.50**
540 Caliber
No. 32589 6-1/8" x 7-9/16" **\$15.50**
Generic Front Door Brass Knob For Atmos



Fits Atmos 528 and 540 caliber doors.
.156" Notch
No. 23491 For original glass **\$26.00**
.125" Notch
No. 23411 For aftermarket glass **\$26.00**

Generic Repair Tool Kit For Atmos



- Kit contains:
- Tube to insert suspension wire
 - Hook to insert chain
 - Hand puller
 - Wrench for bellows nut
 - Tool for slotted balance nut
 - Movement holder
 - Balance support blocks
 - Poising tool
 - Regulator resetting tool
 - Tool for clamping balance tube
 - Punch for 3rd wheel
 - Punch for minute wheel
 - Atmos repair tips
- Tools housed in a plastic storage box.
No. 23781 **\$228.00 kit**

Generic Hand Puller For Atmos



No. 23919 (Tool #IV) **\$35.00 each**

Generic Movement Holder For Atmos



Does not fit the #540 movement
No. 23920 (Tool #VII) **\$35.00 each**

Generic Poising Tool For Atmos



No. 23921 (Tool #IX) **\$35.00 each**

Balances, Escapements & Related

Balances - Hermle



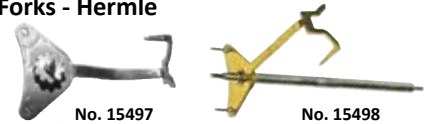
No. 10750

No. 10751

Replaces old style. Inspected prior to shipment. Not returnable. Fits many movements.
No. 10750 . For #140, 150, 340, 350, 1050 **\$75.00**
No. 10751 For #130 **\$72.50**
Floating Balance Wire

25 assorted stainless steel wires. From .008" through .025" diameters.
No. 11220 **\$8.50 pack**

Forks - Hermle



No. 15497

No. 15498

For Hermle balance movements.
No. 15497 #132-041 **\$11.50**
No. 15498 #140, 150, 340, 1050 **\$11.50**

Hettich Battery Clock Forks - Closeout



Brass. Used on electric torsion clocks. 11.0mm from center of 2.0mm mounting hole to end. 14.0mm overall length. Was \$8.00.
No. 33718 **\$2.00 each**



16.0mm from center of 1.3mm mounting hole to end. 19.0mm overall length. Was \$8.00.
No. 33721 **\$2.00 each**

Urgos Bridge - Closeout



#UW-06/37 for #CE104 (#017026). Was \$5.00.
No. 00621 Bridge Only **\$2.00 each**

Platform Escapement



Plate measures 29.7mm x 17.7mm The potence is 6.7mm. 9 jewels, 8-leaf pinion, steel escape wheel. Inspected. Not returnable.
No. 34210 **\$79.50 each**

Platform Escapement - Hermle



Fits Hermle 132-071, Seth Thomas A207-000 ships bell and other movements. 11 jewels. 34mm x 21mm. Inspected. Not returnable.
No. 32776 **\$260.00 each**

Balances, Escapements & Related

Platform Escapements - Closeout

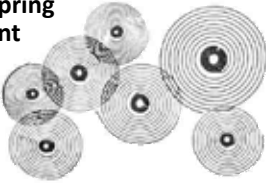
Brand new/old stock. 11 jewels, temperature compensating balance spring, steel escape wheel, 18,000 beats per hour, 8 leaf pinion. Swiss.

Counterclockwise
Rotation



No. 34263 20mm x 31.6mm Long Pinion **\$45.00**

Balance Spring Assortment



72 pieces with collets. For small clocks. India.
No. 15490 **\$22.00 pack**
Platform Escapement Mounting Screws-Steel



Thread Diameter	Overall Length
1.0mm	7mm
1.2mm	6.5mm
1.2mm	8mm
1.8mm	12mm

No. 23104	1.0mm x 7mm	\$3.00
No. 29749	1.2mm x 6.5mm	\$3.00
No. 23105	1.2mm x 8mm	\$3.00
No. 23108	1.8mm x 12mm	\$3.00

Pallet Jewels - Synthetic



Ruby colored. For outside escapement clocks. All are 6mm (.236") long. Diameters shown below. Sold individually.

No. 10585	#42 2.35-2.37mm (.0922-.0934")
No. 10586	#43 2.22-2.25mm (.0874-.0886")
No. 10587	#44 2.16-2.18mm (.0850-.0858")
No. 10588	#45 2.05-2.08mm (.0807-.0819")
No. 10589	#46 2.00-2.06mm (.0787-.0811")
No. 10590	#47 1.95-1.99mm (.0768-.0783")
No. 10591	#48 1.90-1.93mm (.0748-.0760")
No. 10592	#49 1.83-1.85mm (.0720-.0728")
No. 10593	#50 1.75-1.78mm (.0689-.0701")
No. 10594	#51 1.67-1.70mm (.0657-.0669")
No. 10595	#52 1.60-1.63mm (.0630-.0642")
No. 10596	#53 1.47-1.51mm (.0579-.0594")

\$15.50 each

Steel Pallet Jewels



Used on open escapements. Outside diameter is listed. No. 01925 thru No. 10929 are 6mm long. No. 01930 thru No. 01932 are 7mm long. Sold individually.

No. 01925	1.65mm	\$7.50 each
No. 01926	1.75mm	\$7.50 each
No. 01927	1.90mm	\$7.50 each
No. 01928	2.00mm	\$7.50 each
No. 01929	2.15mm	\$7.50 each
No. 01930	2.25mm	\$7.50 each
No. 01931	2.40mm	\$7.50 each
No. 01932	2.50mm	\$7.50 each

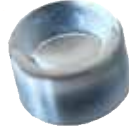
Swinging Arm Jewel Bar - Junghans



Brass with jeweled inserts. 1.365" (34.7mm) long. The distance between jewel centers is .720" (18.3mm). M2.5 thread.

No. 10817 **\$24.00 each**

Glass Cup Jewel



2.48mm (0.0976") outside diameter x 1.46mm (0.0575") high glass jewel. Used on our #10817 Junghans style jewel bar but can be used in many other applications.

No. 34247 **\$4.00 each**

Beat Scales

Beat Scales - Brass

Polishing may be required.



No. 12274



No. 12275



No. 19574



No. 13583 Complete with standoffs.



No. 12367



No. 29391

No. 12274	..... 3-3/4" S. Thomas	\$4.25
No. 12275	..... 3-3/8" S. Thomas	\$4.25
No. 19574	..... 4-1/2" S. Thomas	\$4.50
No. 13583	..... 7-1/2" S. Thomas	\$24.00
No. 12367	..... 3" Vienna	\$4.25
No. 29391	..... 3" Waterbury	\$4.25

Beat Scale - Aluminum



White with black details. 1" tall x 2-7/16" wide.
No. 19931 **\$5.00 each**

Beat Scale - Porcelain



Black on white. 2-3/4" wide x 1" high.

No. 10566 **\$25.00 each**

Cast Beat Scale - Ansonia



For Ansonia Baghdad, Prompt, Capitol and others. 5-3/8" wide x 2-1/8" tall. Unfinished.

No. 18370 **\$9.50 each**

Bells, Hammers & Related

Cast Brass Bells



No. 11510	..... 1" Dia.	\$6.75 each
No. 11511	..... 1-1/4" Dia.	\$7.00 each
No. 10625	..... 1-1/2" Dia.	\$7.25 each
No. 10626	..... 1-3/4" Dia.	\$7.75 each
No. 10627	..... 2" Dia.	\$9.00 each
No. 10628	..... 2-1/4" Dia.	\$10.00 each
No. 10629	..... 2-1/2" Dia.	\$13.00 each
No. 10631	..... 3" Dia.	\$15.25 each
No. 11256	..... 3-1/2" Dia.	\$22.00 each
No. 11257	..... 4" Dia.	\$29.00 each
No. 11258	..... 4-1/2" Dia.	\$34.50 each
No. 11259	..... 5" Dia.	\$38.50 each
No. 11260	..... 5-3/4" Dia.	\$42.00 each

Cast Iron Bells



No. 18305	..... 3-3/4" Dia.	\$12.25 each
No. 18306	..... 4" Dia.	\$14.00 each
No. 18307	..... 4-1/2" Dia.	\$17.00 each

Grandfather Bell Stand



5-1/4" long. Use on tall case movements.

No. 12169 **\$18.50 each**

French Bell Stand - Brass



No. 12165

No. 11654

With mounting nut. 2" long. Bend to fit.

No. 12165 **\$5.00 each**

French Bell Stand Nut

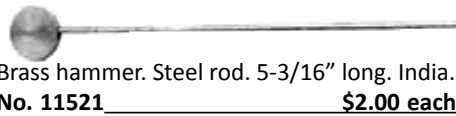
Fits French bell stands. #4-40 thread.

No. 11654 **\$1.75 each**

We Ship Worldwide Daily

Bells, Hammers & Related

Bell Hammer

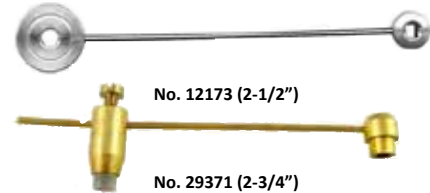


Brass hammer. Steel rod. 5-3/16" long. India.
No. 11521 \$2.00 each

Clock Hammer - Closeout

Produced by Karl Griesbaum (Germany). Use on French clocks. Beautifully machined. 3-1/4". No hammer tip. Was \$6.50.
No. 01259 \$2.00 each

Clock Hammers



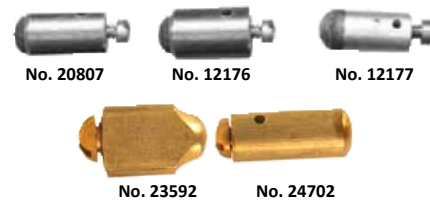
Can be bent or cut to fit. India.
No. 12173 Bell \$3.50 each
No. 29371 Nylon Tip \$3.50 each

Strike Hammer Assemblies



Arbor with actuating lever and hammer arm with brass hammer. Fitting may be necessary.
35.0mm Distance Between Plates
No. 11522 Ansonia \$7.50 each
39.0mm Distance Between Plates
No. 11523 Seth Thomas \$7.50 each

Hammer Tips - Brass



Leather Tips
No. 20807 Round 1/4" Mantel
No. 12177 Round 5/16" Standard
No. 12176 Round 3/8" Grandfather
Solid Brass Tips
No. 23592 Flat 1/2"
No. 24702 Round 15/64"
\$2.00 each \$21.00/ 12 (\$1.75)

Hammer Tips - Brass



8.5mm OD. Dimensions shown are lengths of the brass body only x width across the flats.
No. 24648 Leather Tip #34 9.8mm L x 6.0mm W
No. 24649 Leather Tip #35 10.8mm L x 6.9mm W
No. 24650 Leather Tip #38 14.8mm L x 6.9mm W

No. 24651 Leather Tip #39 19.2mm L x 6.9mm W
No. 24653 .. Plastic Tip #41 11.7mm L x 5.0mm W
No. 24654 .. Plastic Tip #42 12.0mm L x 5.0mm W
No. 24655 .. Plastic Tip #43 13.4mm L x 6.0mm W
No. 24656 .. Plastic Tip #44 14.8mm L x 6.9mm W
No. 24657 .. Plastic Tip #45 19.2mm L x 6.9mm W
\$2.00 each \$21.00/12 (\$1.75)

Hammer Tip Assortment

10-piece assortment, one each of 6 plastic and 4 leather tipped hammers.
No. 29002 \$14.50 pack

Hammer Tip Inserts - Plastic



Fits Hermle hammers and others.
No. 29184 6-pack \$2.50 pack

Leather Hammer Tip Material



12" long.
No. 33671 2mm Dia. (.079") \$2.50
No. 32800 3mm Dia. (.118") \$2.50
No. 19442 4mm Dia. (.157") \$2.50
No. 31052 5mm Dia. (.197") \$2.50

Leather Hammer Tip Material Assortment

One each of above 4 sizes.
No. 32483 \$9.00 pack

Hammer Return Springs



Measurements are end to end. For Hermle and other movements.
No. 16914 7/16" Long 75¢ each
No. 19657 1/2" Long 75¢ each
No. 16913 5/8" Long 75¢ each

Strike Return Leaf Spring - Kieninger



27mm leaf spring for KSU movements.
No. 22964 \$1.50 each

Locking Disc - Hermle



No. 19292 .#471/#1171 Movements \$7.50

Hammer Adjusting Tool



Slotted for precise hammer adjustment on Hermle and other movements.
No. 20866 \$15.50 each

Bezels, Dial Pans & Related

Brass Bezels



Outside diameter listed. Hinge, latch, glass and glass tabs not included. Please ask for a convex or flat glass to fit if needed.

No. 13240 2-3/4" Dia. \$14.75 each
No. 13239 3-1/8" Dia. \$14.75 each
No. 13238 3-1/2" Dia. \$14.75 each
No. 13235 4-1/2" Dia. \$16.75 each
No. 13234 4-3/4" Dia. \$16.75 each
No. 13232 5" Dia. \$17.75 each
No. 13231 5-1/8" Dia. \$17.75 each
No. 13230 5-1/4" Dia. \$17.75 each
No. 13228 5-1/2" Dia. \$17.75 each
No. 13227 5-5/8" Dia. \$17.75 each
No. 13226 5-3/4" Dia. \$17.75 each
No. 13223 6 1/8" Dia. \$18.25 each
No. 13222 6 1/4" Dia. \$18.25 each
No. 13220 6-1/2" Dia. \$18.25 each
No. 11669 7" Dia. \$20.50 each
No. 13219 8-5/8" Dia. \$21.00 each
No. 13218 8-7/8" Dia. \$21.00 each
No. 13217 10-1/2" Dia. \$23.75 each
No. 13216 10-7/8" Dia. \$23.75 each
No. 13215 12-5/8" Dia. \$34.50 each
No. 23125 12-7/8" Dia. \$34.50 each
No. 23124 13" Dia. \$34.50 each
No. 13214 13-1/8" Dia. \$34.50 each

Convex & Flat Glass Bezel Assemblies



Pre-assembled. Brass. Choice of flat or convex glass. Bezel hinge soldered in place. Outside diameter is indicated.

Bezel Dia.	Brass Bezels With Flat Glass	Price	Brass Bezels With Convex Glass	Price
4"	No. 13261	\$20.50	No. 29598	\$21.50
4-1/2"	No. 13260	\$20.75	No. 29599	\$21.75
5"	No. 13259	\$21.25	No. 29601	\$22.25
5-1/8"	No. 13258	\$21.50	No. 29602	\$22.50
5-1/4"	No. 13257	\$21.75	No. 29603	\$22.75
5-3/8"	No. 13256	\$22.00	No. 29604	\$24.00
5-1/2"	No. 13255	\$22.25	No. 29605	\$25.00
5-9/16"	No. 20674	\$22.25	No. 29606	\$26.00
5-5/8"	No. 13254	\$22.50	No. 29607	\$26.50
5-3/4"	No. 13253	\$22.75	No. 29608	\$27.00
6"	No. 13252	\$23.00	No. 29609	\$28.00
6-1/8"	No. 19256	\$23.25	N/A	—
6-1/4"	No. 13251	\$23.50	No. 29610	\$31.00
6-3/8"	No. 13250	\$23.75	No. 29611	\$32.00
6-1/2"	No. 13249	\$24.00	No. 29612	\$32.50

Bezels, Dial Pans & Related

Bezels



Brass finished aluminum. No hinge or latch.

No. 32988 135mm (5-5/16" approx.) **\$10.50**

Brass finished steel. No hinge or latch.

No. 32989 220mm (8-11/16" approx.) **\$21.50**

Bezel & Dial Pan Assemblies - Brass Plated



Hinge and latch soldered in place. Glass tabs included. Glass not included. O.D. is listed.

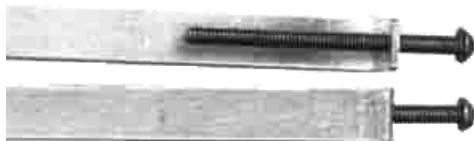
No. 13248 8-7/8" **\$52.00 set**

No. 13247 10-7/8" **\$54.50 set**

No. 13246 12-5/8" **\$74.50 set**

No. 13245 13-1/8" **\$76.50 set**

French Movement Mounting Straps



6" long with screws. Mounts French movements into cases. Brass. Sold in pairs.

No. 12784 **\$8.00 pair**

Dial Pans - Steel



Brass plated. O.D. is indicated. Recessed to fit case openings. Drilled center hole. USA.

No. 13213 4-3/4" **\$14.50 each**

No. 13212 5" **\$14.50 each**

No. 33147 5-1/8" **\$14.75 each**

No. 13211 5-1/4" **\$14.75 each**

No. 13210 5-1/2" **\$15.00 each**

No. 13209 5-3/4" **\$15.25 each**

No. 13208 6" **\$15.50 each**

No. 13206 Kitchen Clock 6 3/8" **\$18.00 each**

No. 13203 10-1/2" **\$24.50 each**

No. 13201 12-5/8" **\$26.00 each**

No. 13200 13-1/8" **\$26.50 each**

Economy Dial Pans - Steel



Brass plated. 7.5mm (.295") recess depth. 10.3MM (0.405") drilled center hole and a raised rim. China.

	Outside Dia.	For Dial Dia.	
No. 32821	135mm 5-1/4"	4-1/2"	\$7.00

No. 32822	160mm 6-1/4"	5-1/4"	\$7.50
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No. 32823	170mm 6-5/8"	5-1/2"	\$8.50
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No. 32824	180mm 7"	6-1/2"	\$9.50
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No. 32825	200mm 7-3/4"	7"	\$10.50
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Economy Dial Pans - Aluminum



No. 32930	.. 135mm	5-1/4"	4-1/2"	\$4.00
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No. 32931	.. 160mm	6-1/4"	5-1/4"	\$4.25
------------------	----------	--------	--------	---------------

No. 32932	.. 170mm	6-5/8"	5-1/2"	\$4.50
------------------	----------	--------	--------	---------------

No. 32933	.. 180mm	7"	6-1/2"	\$5.00
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No. 32934	.. 200mm	7-3/4"	7"	\$5.50
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Retainer Clip - Brass



Use to hold Seth Thomas #2 bezel glass.

No. 20808 **\$1.00 each**

Fancy Bezel Hinge - Brass



2" long. For school clocks.

No. 10416 **\$5.50 each**

Bezel Hinge - Brass



1" wide x 1-1/4" long.

No. 23982 **\$2.00 each**

Bezel Latch - Brass



Formed latch.

No. 23987 1-5/8" x 5/16" **75¢ each**

No. 23260 1-3/4" x 3/8" **75¢ each**

No. 23986 2" x 1/2" **75¢ each**

Bezel Latch & Catch - Brass



No soldering. Just drill a hole in the bezel and install. 1" wide x 5/8" long.

No. 10418 **\$4.00 each**

Bezel Glass Tabs - Brass



12 pre-bent tabs in a pack.

No. 23985 3/8" x 3/8" **\$3.00 pack**

No. 17692 3/8" x 1/2" **\$3.00 pack**

Bezel T-Tabs - Brass



Pre-bent. 10 pieces per pack.

No. 23739 . 3/8"W x 7/16"T **\$3.00 pack**

No. 23740 ... 1/2"W x 5/8" T **\$3.00 pack**

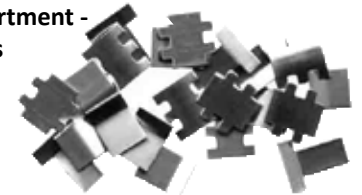
Seth Thomas Bezel Tab Assortment - Brass



6 each of 3 different tabs. 18 in a pack.

No. 23343 **\$5.00 pack**

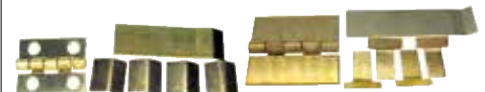
Glass Tab 20-Piece Assortment - Brass



4 each of 5 different styles. Soldering required.

No. 20416 **\$4.50 pack**

Bezel Hardware Packs - Brass



No. 32969

No. 33047

Hinge, latch and glass tabs. Small fits bezels 5-7/8" and smaller. Large fits 6" and larger.

No. 32969 Small **\$2.00 pack**

No. 33047 Large **\$2.50 pack**

Plastic Bezel Pin Retainer



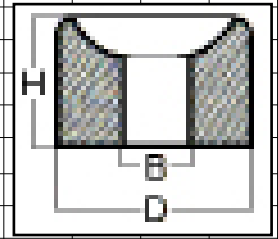
Used on Hermle bezels with hinges requiring pins, but can use on other clocks. M5 external thread. 3mm internal hole for pins. 13.8mm overall length. 2 pieces in a pack. Was \$1.00.

While supplies last.

No. 02640 **50¢ pack**

You Can Order Online 24/7

Z Pivot Diameter	B BORE	H	1.0		1.4			1.7			1.9			2.7			3.0		4.0		
			D	1.2	1.8	1.8	2.7	3.5	4.7	5.9	5.9	1.8	2.7	3.5	1.8	2.7	3.5	4.7	5.9	8.7	8.7
			R	1.18	1.78	1.78	2.68	3.48	4.66	5.85	5.85	1.78	2.68	3.48	1.78	2.68	3.48	4.66	5.85	8.64	8.64
			RN	I	II	II	III	IV	IVa	V	V	II	III	IV	II	III	IV	IVa	V	VI	VI
0.07-0.08	0.1		L55																		
0.10-0.12	0.15		L56																		
0.15-0.17	0.2		L01																		
0.19-0.21	0.25		L57																		
0.23-0.25	0.3		L02		L64					L86											
0.27-0.30	0.35		L58																		
0.32-0.35	0.4		L03		L08					L87											
0.38-0.40	0.45		L59																		
0.42-0.45	0.5		L04		L09					L32			L94								
0.48-0.50	0.55		L60																		
0.53-0.55	0.6		L05		L10					L33			L95								
0.57-0.60	0.7		L06		L11					L34			L96								
0.65-0.70	0.8		L07		L12					L35			L97								
0.75-0.80	0.9			L61	L13					L36			L98								
0.85-0.90	1.0			L62	L65	L14				L37			L99								
0.95-1.00	1.1				L66	L15							L100								
1.05-1.10	1.2					L16							L101								
1.15-1.20	1.3					L17							L102								
1.25-1.30	1.4					L18							L103								
1.35-1.40	1.5					L19							L104								
1.45-1.50	1.6					L20							L105								
1.55-1.60	1.7					L67							L106								
1.65-1.70	1.8					L21							L107								
1.75-1.80	1.9					L68							L108								
1.85-1.90	2.0						L22						L45		L109						
1.95-2.00	2.1						L69						L90		L110						
2.05-2.10	2.2						L23						L46		L111						
2.15-2.20	2.3						L70						L91		L112						
2.25-2.30	2.4						L24						L47		L113						
2.35-2.40	2.5						L71						L92		L114						
2.45-2.50	2.6						L25						L48		L115						
2.55-2.60	2.7						L72						L93		L116						
2.65-2.70	2.8						L26			L79			L49		L117						
2.75-2.80	2.9							L138	L73	L80							L143				
2.85-2.90	3.0							L139	L27	L50							L144	L118			
2.95-3.05	3.2							L140	L28	L51							L145	L119			
3.10-3.25	3.4							L141	L74	L81							L146	L120			
3.30-3.45	3.6							L142	L29	L52							L147	L121			
3.55-3.65	3.8								L75	L82								L122			
3.75-3.85	4.0								L76	L83								L123			
3.90-4.05	4.2								L30	L53								L124			
4.15-4.25	4.4								L77	L84								L125			
4.35-4.45	4.6								L31	L54								L126			
4.55-4.65	4.8								L78	L85								L127			
4.75-4.85	5.0																				
5.00-5.05	5.2																		L128		
5.15-5.25	5.4																		L129		
5.35-5.45	5.6																		L130		
5.55-5.65	5.8																		L131		
5.75-5.85	6.0																		L132		
5.95-6.05	6.2																		L133		
6.15-6.25	6.4																			L134	
6.35-6.45	6.6																			L135	
6.55-6.65	6.8																			L136	
																				L137	



How To Use KWM Chart

To select the correct bushing, the numbers prefixed by the letter "L", such as L57, indicate the bushing number, which also serves as a refill number for the various assortments.

To select the correct bushing, first measure the pivot, and find its measurement in the range of the sizes across, you will find the various bushings that will fit this size pivot ("B").

If more than one size bushing is available, select the thickness of the bushing you need by referring to the top line of the chart along side the letter "H" and the correct diameter by referring to the second line after the letter "D".

After choosing the bushing, read up the column to the line "RN" which indicates the size of reamer to be used for the selected bushing. Reamers are identified by Roman Numerals.

KWM Bushings & Related

American Made Blank Bushings In KWM Sizes - Brass



O.D.	Height	20-Piece Pack
1.80mm	1.90mm	No. 27083
2.70mm	1.90mm	No. 27085
2.70mm	2.70mm	No. 27086
3.50mm	1.90mm	No. 27089
3.50mm	3.50mm	No. 27091
3.50mm	5.50mm	No. 27092

**\$9.25 pack \$27.00/ 3 packs
\$105.00/ 12 packs**

For Thicker Plate Movements - KWM Bushings - Brass



Bore	American Made 20-Pack	American Made 50-Pack
	3.50mm Height 2.70mm O.D.	3.50mm Height 2.70mm O.D.
1.10mm	No. 27056	No. 17056
1.20mm	No. 27057	No. 17057
1.30mm	No. 27058	No. 17058
1.40mm	No. 27059	No. 17059
1.50mm	No. 27060	No. 17060
1.60mm	No. 27061	No. 17061
1.70mm	No. 27062	No. 17062
1.80mm	No. 27063	No. 17063
1.90mm	No. 27064	No. 17064
Bore	American Made 20-Pack	American Made 50-Pack
	3.50mm Height 3.50mm O.D.	3.50mm Height 3.50mm O.D.
2.00mm	No. 27050	No. 17050
2.10mm	No. 27051	No. 17051
2.20mm	No. 27078	No. 17078
2.30mm	No. 27052	No. 17052
2.40mm	No. 27053	No. 17053
2.50mm	No. 27082	No. 17082
2.60mm	No. 27054	No. 17054
2.70mm	No. 27055	No. 17055

**20-piece packs \$9.25 pack
\$27.00/ 3 (\$9.00) \$105.00/ 12 (\$8.75)**

**50-piece packs \$19.50 pack
\$57.75/ 3 (\$19.25) \$228.00/ 12 (\$19.00)**

Bushings listed on pages #10 and #11 use the KWM/American bushing system. To select the correct bushing refer to bushing chart on Page #9.



(A) KWM Brass Bushings made in Germany. L-01 through L-127 and L138 through L-147 are sold in packages of 20. Bushings L-128 through L-138 sold in packs of 10.

**10-piece packs \$7.50 pack
20-piece packs \$11.00 pack**

(B) American Made Brass Bushings are the same dimensions as KWM bushings but are made from 35% harder brass.

**10-piece packs \$14.00 pack
20-piece packs \$9.25 pack
\$27.00/ 3 (\$9.00) \$105.00/ 12 (\$8.75)**

25-piece packs \$17.25 pack

**(C) 50-piece packs \$19.50 pack
\$57.75/ 3 (\$19.25) \$228.00/ 12 (\$19.00)**

(D) American Made Bronze Bushings Same dimensions as KWM bushings but softer than brass for ease of machining. 20-piece packs.

Under 3mm Bushing OD:
\$8.00/pack \$23.25/ 3 (\$7.75)

3mm to 5.9mm Bushing OD:
\$8.50/pack \$24.75/ 3 (\$8.25)

6mm and Over Bushing OD:
\$9.75/pack \$28.50/ 3 (\$9.50)

American Made Brass Bushing 100-Piece Assortments - KWM Sizes



10 each of 10 sizes in a partitioned box. Refills available. Sizes listed next to part numbers are the KWM equivalents.

No. 11604... 14, 15, 16, 17, 18, 19, 20, 67, 21, 68
Popular American clock repair assortment.

No. 11605.. 37, 38, 39, 40, 41, 42, 43, 88, 44, 89
Another popular popular assortment.

No. 11664 100, 101, 102, 103, 104, 105, 106, 107, 108, 109
Perfect for English and German clocks.

No. 11665 107, 108, 109, 110, 111, 112, 113, 114, 115, 116
Made for large diameter pivots.

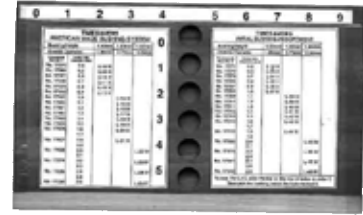
No. 11666 ... 3.50 Height 1.1mm Bore Through 2.0mm Bore
For Herschede and other thick plate clocks.

No. 11667 ... 3.50 Height 1.8mm Bore Through 2.7mm Bore
For Herschede and other thick plate clocks.
\$48.50 assortment

American Made Bronze Bushing Assortments-KWM Sizes
No. 23888.. 14, 15, 16, 17, 18, 19, 20, 67, 21, 68
Popular American clock repair assortment.

No. 23889.. 37, 38, 39, 40, 41, 42, 43, 88, 44, 89
Another popular popular assortment.
\$33.00 assortment

American Made Boxed Brass Bushing Assortments - KWM Sizes



Labeled to locate bushings. Initial Assortment contains 350 bushings, 10 each of 35 sizes. Supplementary Assortment contains 310 bushings, 10 each of 31 sizes. Design your own by ordering the empty box below (**No. 11715**).
No. 11713 Initial Sizes 8 through 48
\$182.00 each

No. 11714 Supp. Sizes 64 through 116
\$168.00 each

No. 11999 Set Of Two \$335.00 set

Wood Bushing Box Only

Hardwood empty boxes with sliding tops and blank labels. 7-1/2" x 4-3/4" x 1" deep.
No. 11715 60 Holes \$36.00 each

German Made Brass Assortments - KWM Sizes



No. 10885 Assortment III
L-18, L-19, L-20, L-21, L-22, L-23, L-24, L-25, L-26, L-27

No. 10886 Assortment IIIa
L-65, L-66, L-67, L-68, L-69, L-70, L-71, L-72, L-73, L-27

No. 10887 Assortment IV
L-28, L-29, L-30, L-31, L-81, L-82, L-83, L-84, L-54, L-85

No. 10888 Assortment IVa
L-74, L-75, L-76, L-77, L-78, L-79, L-50, L-51, L-52, L-53

No. 10889 Assortment V
L-86, L-87, L-32, L-33, L-34, L-35, L-36, L-37, L-38, L-39

No. 10891 Assortment VIa
L-88, L-89, L-90, L-91, L-92, L-93, L-98, L-100, L-102, L-104

No. 10892 Assortment VII
L-94, L-95, L-96, L-97, L-99, L-101, L-103, L-105, L-107, L-109

No. 10893 Assortment VIIa
L-106, L-109, L-110, L-111, L-112, L-113, L-114, L-115, L-116, L-117

No. 10896 Assortment X
L-138, L-139, L-140, L-141, L-142, L-143, L-144, L-145, L-146, L-147

5 each of 10 sizes on the following assortment.

\$56.00 assortment

Bushings & Related

Splined Black Forest Clock Bushing Assortment - Brass



28-piece assortment. 3mm, 4mm and 6mm diameters. For antique wood cuckoo clock plates and movements. India.

No. 34055 \$11.00 pack

Utility Bushings - Brass



No. 32841 No. 32842

4.0mm tall x 2.0mm ID. 5-packs. India.

No. 32841 6.0mm OD \$3.25 pack

No. 32842 10.0mm OD \$3.50 pack

Large Bushing Assortment - Brass



12-piece assortment for bigger clocks and mainspring arbors. 2 each of 6 sizes: 6mm OD x 3mm ID, 7mm OD x 3.5mm ID, 8mm OD x 4mm ID, 9mm OD x 4.5mm ID, 10mm OD x 5mm ID, and 11mm OD x 5mm ID. India.

No. 29000 \$7.50 pack

Clock Bushing Assortment - Brass



100 assorted bushings for pivots. India.

No. 17732 \$12.50 pack

Winding Arbor Bushings - Brass



O.D.	I.D.
10.0mm	4.0mm
10.0mm	8.0mm
11.0mm	8.0mm
12.0mm	8.0mm

4-pack of bushings. India.

No. 17742 \$4.00 pack

Winding Arbor Bushings - Brass

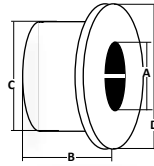


No. 11674 No. 11675

No. 11674 Time Bushing \$1.00 each

No. 11675 Strike Bushing \$1.00 each

Winding Arbor Bushings - Brass



Part #	Bore A	Overall Length B	Barrel Diameter C	Head Diameter D
No. 18837	4.00mm	6.00mm	7.00mm	9.50mm
No. 18838	5.00mm	6.00mm	8.00mm	9.50mm
No. 18839	6.00mm	6.00mm	9.00mm	10.00mm
No. 18840	7.00mm	6.00mm	10.00mm	11.00mm
No. 18841	9.00mm	6.00mm	11.00mm	13.00mm
No. 18842	10.00mm	6.00mm	12.00mm	14.00mm

For barrels and winding arbors. \$3.50 each

Winding Arbor Brass Bushings- Kieninger



No. 20908 No. 20909 No. 20987

For KSU, RSU and HTU movements. All are 22mm OD.

No. 20908 5.5mm ID Front \$8.00 each

No. 20909 .. 6.5mm ID Rear \$3.50 each

No. 20987 .. 3.0mm ID Rear \$3.50 each

No. 20908 5.5mm ID For HTU \$8.00 each

Hermle Cable Drum Bridge Bushing - Brass



For #W051-0471-1051-1171 movements. 27.25mm square x 2.5mm thick. 5.5mm diameter center hole. Two 3.0mm diameter opposing corner holes.

No. 33978 \$7.50 each

Bushing Boxes

Bushing Boxes - Plastic



No. 29006 No. 29007 No. 29008



No. 23809 No. 23810 No. 23887

2-5/16" x 1-15/16" x 9/16" deep (Note: box size may vary slightly). For small parts or bushing assortments. Slip-on clear cover.

No. 29006 2 Compartments \$1.30

No. 29007 3 Compartments \$1.35

No. 29008 4 Compartments \$1.40

No. 23809 8 Compartments \$1.50

No. 23810 10 Compartments \$1.75

No. 23887 12 Compartments \$2.00

Cable, Cord, Gut, & Related

Cable - Brass



Flexible stranded cable for metal pulleys.

11' Rolls

40 Pounds Maximum Weight

No.10431 (.03125") 1/32" Dia. \$7.50 roll \$21.75/ 3 rolls (\$7.25)

75 Pounds Maximum Weight.

No. 23728 (.040") 1.0mm Dia.

85 Pounds Maximum Weight

No.10432 (.0469") 3/64" Dia. \$5.50 roll \$15.75/ 3 rolls (\$5.25)

120 Pounds Maximum Weight

No.31034 (.055") Dia.

150 Pounds Maximum Weight

No.10433 (.0625") 1/16" Dia.

\$7.50 roll \$21.75/ 3 rolls (\$7.25)

300 Pounds Maximum Weight

No. 17482 (.078") 5/64" Dia.

\$9.25 roll \$27.00/ 3 rolls (\$9.00)

100' Rolls

No. 11295 1/32" Dia. \$50.50

No. 23729040" Dia. \$43.00

No. 11296 3/64" Dia. \$43.00

No. 31063055" Dia. \$53.00

No. 11297 1/16" Dia. \$53.00

No. 17483 5/64" Dia. \$67.00

1000' Rolls

No. 23704 1/32" Dia. \$465.00

No. 23730040" Dia. \$350.00

No. 23705 3/64" Dia. \$350.00

No. 31064055" Dia. \$465.00

No. 23706 1/16" Dia. \$465.00

No. 23707 5/64" Dia. \$597.00

Cable - Stainless Steel



11' Rolls

No. 18832 3/64" Dia. \$5.25 roll

No. 18833 1/16" Dia. \$5.50 roll

100' Rolls

No. 18888 3/64" Dia. \$41.00 roll

No. 18889 1/16" Dia. \$42.00 roll

Cable - Hermle - Brass



.040" (1.0mm) diameter with end fittings.

No. 19285 53-1/2" Long \$7.75 roll

No. 19286 61" Long \$8.00 roll

No. 32108 68" Long \$8.50 roll

No. 29180 76-1/2" Long \$8.75 roll

No. 20757 79" Long \$9.00 roll

No. 11601 88-1/2" Long \$9.50 roll

No. 19287 105-3/4" Long \$10.00 roll

Cable - Kieninger - Brass

No. 18739 51" Long \$5.75 roll

No. 23708 60" Long \$6.00 roll

Cable, Cord, Gut, & Related

- No. 18740 76" Long \$7.25 roll
- No. 23709 90-1/2" Long \$8.25 roll
- No. 22995 112" Long \$10.00 roll

Cable - Urgos - Brass

- No. 18200 53" Long UW 32 \$6.00
- No. 18201 105-3/4" Long UW 3, 66 \$9.75

Cable End Fittings - Hermle - Brass



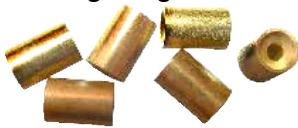
3 each of 2 ends in a pack.
No. 20804 \$4.00 pack

Cable End Fittings - Kieninger - Brass



6-piece pack. All are the same size.
No. 29179 \$3.25 pack

Cable End Fittings - Urgos - Brass



6-piece pack. All are the same size.
No. 29178 \$3.25 pack

Cable End Fittings 20-Piece Assortment



For Hermle, Kieninger and Urgos cables.
No. 29177 \$9.00 pack

Nylon Synthetic Clock Cord



White 21-foot roll. 1.0mm (0.040") thick. Use on American weight clocks, OG's and others. 80# test. India.
No. 34189 \$5.50 each

Braided Weight Cord



30-yard rolls. Use on American weight clocks, Morbier and others. Braided nylon.
No. 10166 ... 45# Test .030" Dia. \$3.50 roll
No. 19954 ... 80# Test .037" Dia. \$4.50 roll
No. 11711 150# Test .060" Dia. \$6.50 roll
3-Piece Weight Cord Assortment
1 each of above 3 sizes.
No. 32395 \$13.50 pack

Braided Weight Cord



Use on Morbier and tall case clocks.
Morbier
No. 29945 2mm x 12' Natural \$10.50
No. 29946 2.5mm x 12' Natural \$11.00
No. 29448 3mm x 12' Natural \$13.00
No. 29191 3mm x 12' Red \$14.00
Tall Case
No. 23500 4mm x 12' G/F \$20.00
No. 20075 5mm x 12' G/F \$29.50

Animal Gut - Natural Color



High quality. Size 0.5mm is sold in 1.25 meter lengths (approximately 4'-1"). 0.6mm to 0.9mm are sold in 5 meter lengths (approximately 16'-4"). 1.0mm through 2.5mm are sold in 2 lengths of 3.5 meters each (approximately 11' 6" for a total of 23').

	Diameter	Length	
No. 29775	.0.50mm	x 1.25 meters	\$5.00
No. 23756	.0.60mm	x 5 meters	\$11.50
No. 23757	.0.70mm	x 5 meters	\$12.50
No. 23758	.0.80mm	x 5 meters	\$15.00
No. 23759	.0.90mm	x 5 meters	\$16.00
No. 22732	.1.00mm	x 7 meters	\$25.00
No. 22733	.1.15mm	x 7 meters	\$30.50
No. 22734	.1.30mm	x 7 meters	\$35.50
No. 29776	.1.40mm	x 7 meters	\$37.00
No. 29777	.1.50mm	x 7 meters	\$38.50
No. 22735	.1.60mm	x 7 meters	\$41.00
No. 29778	.1.70mm	x 7 meters	\$42.50
No. 22736	.1.80mm	x 7 meters	\$45.50
No. 22942	.2.00mm	x 7 meters	\$50.50

Animal Gut - Black



Black finish on natural gut. India.
No. 32940 .0.50mm x 5 meters \$12.00
No. 32941 .0.60mm x 5 meters \$13.00
No. 32942 .0.70mm x 5 meters \$13.25
No. 32943 .0.80mm x 5 meters \$14.50
No. 32944 .0.90mm x 5 meters \$15.50
No. 32945 .1.00mm x 7 meters \$18.50
No. 32947 .1.30mm x 7 meters \$24.50
No. 32949 .1.50mm x 7 meters \$30.50
No. 32952 .1.80mm x 7 meters \$40.50
No. 34197 .. 2.00mm x 7 meters \$42.50

Cable Block - Styrofoam



Keeps cable taught and securely holds pulley when moving clock. 3-1/2" long, 1-3/8" thick, 1.3/8" deep.
No. 23121 75¢ each

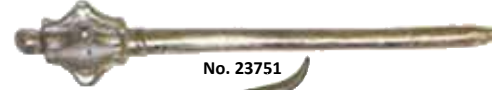
Cable Guards - Hermle - Plastic



Clear cable guards for Hermle movements.
No. 19824 1-17/32" D x 9/16" W \$4.50
No. 19825 1-7/8" D x 7/8" W \$3.50
No. 15794 1-13/16" D x 13/16" W \$4.50

Ansonia Parts

Ansonia Statue Accessories



No. 23751



No. 24533

Cast pot metal. Ready to finish.
No. 23751 Mace 4-1/4" Tall \$9.00
No. 24533 Trident 1-1/2" Tall \$6.75

Ansonia Urn Finials



No. 19874



No. 19289

Unfinished cast metal.
No. 19874 1" Tall \$4.00 each
No. 19289 2-1/8" Tall \$4.50 each

Ansonia Swinger - Brass



No. 18374



No. 18381



No. 18382

Cast decorative parts for Ansonia ball swinger movements.
No. 18374 Top Ribbon \$10.00 each
No. 18381 Face Plate \$6.00 each
No. 18382 Bottom Trim \$8.25 each

Swinging Clock Bar Holder - Brass



For French and Ansonia Juno, Gloria, Double Figures, and Mirror swingers. #10-24 threads.
No. 20189 \$20.50 each

Back Covers

Ansonia Back Cover - Brass



For Ansonia china clocks.
Center to center 4-3/4"
No. 20196 4-3/8" Dia. \$11.00 each

Back Covers - Blackened



Center to center 4-1/16"
No. 11982 3-3/4" Dia. \$5.50 each
Center to center 4-3/4"
No. 15703 4-7/16" Dia. \$6.00 each
Center to center 5-1/2"
No. 10799 5-3/16" Dia. \$6.50 each

Columns & Holders

Mantel Clock Capitols & Bases



No. 11949 No. 11950 No. 29182

Unfinished sets of cast column holders. The I.D. listed is the width of column the capitol will fit.
No. 11949 3/4" W x 3/4" T x 1/2" I.D.
No. 11950 1" W x 1" T x 3/4" I.D.
\$4.00 set

No. 29182 1-1/2" W x 1-3/8" T x 7/8" I.D. **\$4.75**

Column Holder - Brass



Column holder. 3/4" high. India.
No. 33900 1/2" ID **\$7.50 each**
No. 23789 3/4" ID **\$8.50 each**
No. 23791 1" ID **\$9.50 each**

Column Holder - Brass - Closeout



1" square. Accommodates 11/16" (.687") diameter column. Used on Hermle clocks, but can use on others. Regularly \$8.00.
No. 90009 11/16" ID **\$2.00 each**

Mantel Clock 1/2 Columns



Black corrugated metal. Cut to fit.
No. 13281 4" Long x 1/2" Wide
No. 11980 5-5/8" Long x 9/16" Wide
No. 11981 6-1/4" Long x 7/8" Wide
\$4.00 each

Marble Effect Paper



Unique paper sheets 8-1/4" X 11-3/4". Each color applied by hand. No two alike. Colors and patterns vary. Apply to columns for a likeness of marble. Requires glue and varnish (not included). Representations of colors can be viewed at www.timesavers.com.
No. 34044 Green, Beige, Gray **\$3.00**
No. 34045 Black, Gold, Gray **\$3.00**
No. 34046 Red, Gold, Silver **\$3.00**
No. 34047 Ivory, Silver, Gold **\$3.00**

Corners

Case Corner - Antiqued



Cast pot metal. 2-5/16" long legs.
No. 29017 **\$3.50 each**

Cast Metal Corners



Antique brass finish on pot metal. India.
No. 34333 2-1/8" Leg **\$5.50 each**
No. 34334 2-1/4" Leg **\$5.50 each**
No. 34335 3-1/4" Leg **\$6.00 each**

Case Corner - Closeout



1-1/2" x 2-1/2" legs. Cast pot metal. Brass finish. Sold individually. Was \$4.50.
No. 33566 **\$1.50 each**

Case Corners - Brass - Closeout



Cast. Sold in pairs. 1-1/8" tall x 2-1/8" long x 5/32" thick. Was \$8.00.
No. 33182 **\$2.50 pair**

Case Corner - Brass



Etched. 4" long legs. Affix with screws or nails not included, or glue.
No. 32582 **\$5.00 each**

Case Corner - Plastic - Closeout



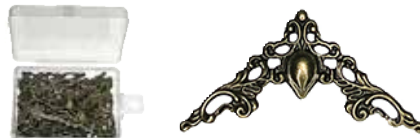
1-7/8" tall x 3-3/4" span. 2-3/4" legs. Antiqued gold finish. Affix with glue. Was \$2.50.
No. 00717 **\$1.00 each**

Case Corner - Stamped Brass



No. 24639 3/4" leg **\$2.00 each**

30-Piece Pack Bronzed Decorative Case Corners



Stamped steel. 1-5/8" leg length. 2-1/4" span. Glue or nail to case. China.
No. 34305 **\$4.50 pack**

Cupid

Cupid



Unfinished cast pot metal. 4-1/2" tall.
No. 10755 **\$16.50 each**
\$32.00/ 2 (\$16.00)

Eagles

Eagles



No. 23610

No. 10468
 No. 10467
 No. 10466

Cast pot metal eagles with brass finish.
No. 10468 1-3/16" Tall **\$5.00 each**
No. 10467 2" Tall **\$6.25 each**
No. 23610 2" Tall **\$6.25 each**
No. 10466 2-3/4" Tall **\$8.00 each**

Eagles - Spread Wing



Cast pot metal. Antiqued brass finish.
No. 12742 2-3/4" Tall **\$12.00 each**

Eagle - Willard Style



Cast. 3-1/4" W x 2-1/2" T. Antiqued brass finish.
No. 11676 **\$14.00 each**

Eagles



No. 11626



No. 12385

Flat back for easy application to cases. 2 mounting holes. Cast. Antiqued brass finish.
No. 11626 ... 13/16" T x 2-3/16" W **\$3.00**
No. 12385 1-3/4" T x 3-1/4" W **\$3.00**

Feet

Anniversary Clock Feet - Kundo Style - Brass



- M4 x 7/16" long.
No. 29394 .. 19.0mm diameter **\$2.50 each**
 M4 x 7/16" long.
No. 29395 .. 25.5mm diameter **\$2.50 each**
16mm Brass Anniversary Clock Foot
 For Hermle anniversary clocks, and others.
 M4 thread. 16.0mm diameter x 9mm long.
No. 23736 **\$2.00 each**
23mm Brass Anniversary Clock Foot
 For Hermle anniversary clocks and others.
 M4 thread. 23.0mm diameter x 9mm long.
No. 23555 **\$2.50 each**

Bun Feet - Brass



- 3.5mm (.138") untapped mounting hole.
No. 18944 5/8" D x .262" T **\$7.00**
No. 18945 3/4" D x .480" T **\$7.50**
No. 18946 31/32" D x .480" T **\$8.00**

Corner Feet



No. 34170 No. 19763 No. 19764
 No. 33680

- Brass plated pot metal castings.
No. 34170 3/8" T x 3/4" D **\$6.00**
No. 19763 1/2" T x 1-1/2" D **\$8.00**
No. 33680 1-1/8" T x 2-1/4" D **\$8.50**
No. 19764 1/2" T x 1-1/2" D **\$9.00**

Ball Feet With Screw - Brass



- No. 15840** 3/8" Dia. **\$2.75 each**
No. 15839 1/2" Dia. **\$3.00 each**
No. 15838 5/8" Dia. **\$3.25 each**
No. 15837 3/4" Dia. **\$3.50 each**

Machine Screw/ Wood Screw



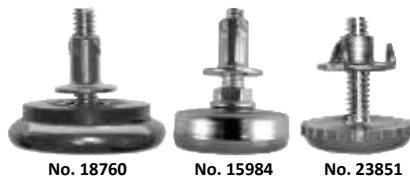
- 1" total length. 3/8" long #8-32 machine screw thread on one end goes into a tapped hole. #8 wood screw thread on the other goes into wood. Unfinished steel. 2 pieces per pack.
No. 29535 **\$1.50 pack**

Leg Leveler (M8 x 20.5mm)



- Black molded plastic. Knurled 1-1/8" diameter base. With insert. Drill a 10mm hole, screw in the insert, and screw in the leg leveler.
No. 32666 **\$3.00 each \$11.00/ 4 (\$2.75)**

Leg Levelers (1/4-20 Screws)



- No. 18760** **No. 15984** **No. 23851**
 Levels clocks on uneven surfaces. Drill a 5/16" hole and press in the T-nut. 1" long thread.
No. 18760 1-3/8" Base 1-5/16" Thread **\$3.00 each**
No. 15984 1" Base 1-1/4" Thread **\$3.00 each**
 1-1/16" diameter plastic base. 1" thread.
 A pack has 4 screws and 4 T-nuts.
No. 23851 **\$4.00 pack**

4-Pc Antique Bronze Feet Set



- 24.5mm tall x 35.5mm wide x 20mm deep with a 10mm column cutout diameter. With mounting screws. China.
No. 34291 **\$5.00 set**

Bronzed 4-Pc Foot Set



- Cast pot metal. 1-3/8" tall x 1-1/4" leg with 1/2" elevation. With mounting screws. China.
No. 34295 **\$10.50 set**

Bronzed 4-Piece Foot Set



- Cast pot metal. 1" tall x 1-1/8" leg x 11/16" elevation. With mounting screws. China.
No. 34296 **\$6.50 set**

Bronzed 4-Pc Foot Set



- Cast pot metal. 1-1/8" tall x 1-1/8" leg x 3/8" elevation. With mounting screws. China.
No. 34297 **\$4.50 set**

4-Piece Set Bronzed Clock Feet



- Cast zinc alloy with 3/4" elevation. With mounting screws. China.
No. 34304 **\$8.50 set**

Feet - Mantel Clock



- Two front and two rear. Unfinished castings. 5/8" case elevation.
No. 23127 **\$17.50 set**

French Clock Feet - Brass



- M4 internal threads.

	Diameter	Height	
No. 33657	18.5mm	19.5mm	\$9.00 each
No. 33658	23.0mm	26.0mm	\$10.00 each
No. 33659	25.0mm	26.7mm	\$10.50 each

Movement Mounting Feet - Brass



- 1-1/8" long.
No. 11505 **50c each**

Wonder Wedge - Plastic



- Stabilize mantel and grandfather clocks. Slide under clock to fill gap. Stackable. 6-pack.
No. 29833 **\$4.00 pack**

Finials

Cuckoo Finial - Wood



- Unfinished. 2-7/16" tall.
No. 29237 **\$3.25 each**
\$9.00/3 (\$3.00)

Fashion Calendar Finials - Wood

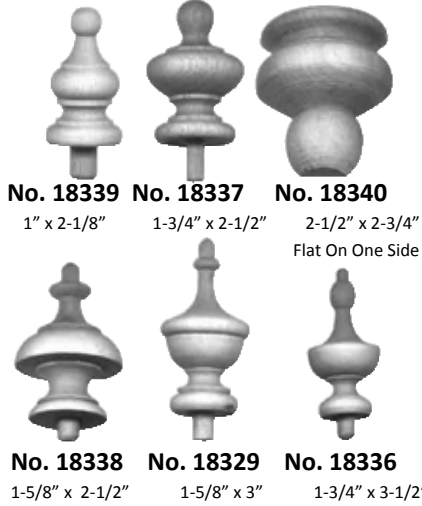


- For Fashion calendar clocks and others. One finial is 5" tall, the other two are 4" tall.
No. 29817 **\$35.00 set**

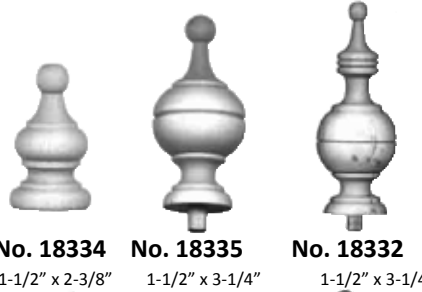
Finials

Finials - Wood

Diameter and height indicated. Height does not include mounting peg. Unfinished.



No. 18339 1" x 2-1/8"
No. 18337 1-3/4" x 2-1/2"
No. 18340 2-1/2" x 2-3/4"
 Flat On One Side
No. 18338 1-5/8" x 2-1/2"
No. 18329 1-5/8" x 3"
No. 18336 1-3/4" x 3-1/2"



No. 18334 1-1/2" x 2-3/8"
No. 18335 1-1/2" x 3-1/4"
No. 18332 1-1/2" x 3-1/4"



No. 18331 1-1/2" x 3-5/8"
No. 33197 1-7/8" x 2-3/8"
No. 18330 2" x 4-5/8"



No. 33241 1-11/16" x 3-3/8"
No. 33351 2" x 3-1/4"
No. 00654 15/32" x 1-5/16"
\$3.25 each **\$9.00/ 3 (\$3.00)**

Finial - Brass - Closeout



Cast. 1-9/16" tall x 3/4" diameter base. Uses M3 mounting screws, not provided. **Was \$12.50.**
No. 33184 **\$5.00 each**

Pillar & Scroll Finial - Cast Brass



No mounting hole. 3-3/8" tall x 1-1/4" diameter.
No. 29530 **\$30.00 each**

Finials - Brass Closeout



Set of 4. Cast. 1-1/8" tall x 3/8" diameter. M3 mounting screws, not provided. **Was \$18.00.**
No. 33183 **\$6.00 set**

Finials - Brass



No. 17671 **No. 17672** **No. 19758** **No. 19759**
No. 17670 **No. 17669** **No. 32837**

Brass finish.
No. 17671 1"H x 5/8"D **\$9.00**
No. 17672 1-7/8"H x 15/16"D **\$14.50**
No. 19758 1"H x 1/2"D **\$8.50**
No. 19759 1-3/8"H x 3/4"D **\$12.00**
No. 17670 3"H x 1"D **\$19.50**
No. 17669 4-1/4"H x 1-3/4"D **\$22.00**
No. 32837 4-1/2"H x 1-7/8"D **\$23.50**

Handles

Clock Handle - Brass



Cast handle with mounting screw.
No. 19767 1-5/8" Tall x 2" Wide **\$18.50**

Carriage Clock Handles - Brass



With mounting posts and screws.
No. 29681 Rounded Handle - Fits 54mm Center-to-Center Mounting **\$11.50 each**
No. 29682 Rectangular Handle - Fits 53mm Center-to-Center Mounting **\$12.50 each**

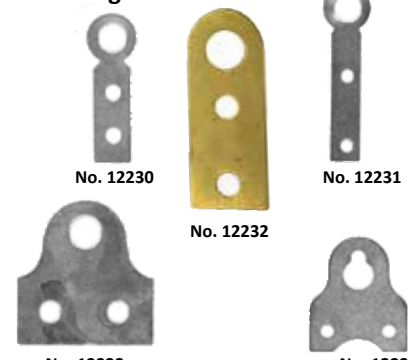
Morbier Movement Shelf



5-7/8" high x 8-7/8" wide x 7-7/8" deep. Blackened. 3mm (.118") thick steel. For mounting Morbier movements to the wall.
No. 34062 **\$24.00 each**

Hangers

Clock Hangers - Brass



No. 12230 **No. 12231**
No. 12232
No. 12233 **No. 12234**
No. 12233 1-1/4" Tall
No. 12234 1-1/2" Tall
No. 12230 1-1/2" Tall
No. 12231 1-7/8" Tall
No. 12232 1-7/8" Tall
50c each **\$4.80/ 12 (40c)**

Clock Hanger 10-Piece Assortment 2 pieces each of 5 hanger sizes above.
No. 32396 **\$4.00 pack**

Small Clock Hanger 12 Pc. Assortment



Brass and steel. 3/4" to 1-1/2" T. India.
No. 32802 **\$4.00 pack**

School Clock Hanger - Plated Steel



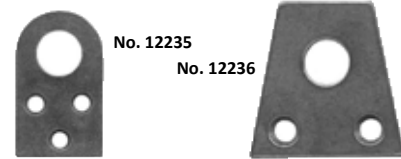
Heavy duty. 13/16" wide x 1-3/4" tall. Countersunk mounting holes.
No. 29396 **\$2.50 each**

Large Clock Hanger - Steel



Heavy duty. Countersunk mounting holes. 4" x 1-1/2".
No. 12237 **\$3.50 each**

Clock Hangers - Plated Steel



Countersunk mounting holes.
No. 12235 1-7/8" T #2 Regulator **\$2.50**
No. 12236 1-5/8" T Banjo **\$2.50**

Saw Tooth Hangers

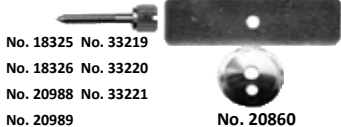


035" thick aluminum with .152" mounting holes. Hang clocks or pictures. 10-pack. **Was \$2.00.**
No. 90033 **\$1.00 pack**

Mounting Screws & Washers

Movement Mounting Screws - Steel

No. 19828



No. 18325 No. 33219

No. 18326 No. 33220

No. 20988 No. 33221

No. 20989

No. 20860

Mounts movements in brackets. M3 diameter Fits Hermle and other movements.

- No. 18325 29mm Overall 22mm Thread
- No. 18326 39mm Overall 32mm Thread
- No. 20988 46mm Overall 22mm Thread
- No. 20989 61mm Overall 32mm Thread

\$2.50 each

- | Brass screws. | Thread | Length | |
|---------------|-----------------------|--------|---------------|
| No. 33219 ... | M2.5 x 25.5mm Overall | 14.5mm | \$2.50 |
| No. 33220 ... | M3.5 x 32.0mm Overall | 20.0mm | \$2.50 |
| No. 33221 ... | M3.5 x 46.5mm Overall | 32.0mm | \$2.50 |

Movement Mounting Washer - Steel

Fits Hermle and other movements. Zinc. No. 19828 5/8" x 2" **\$2.50 each**

No. 20860 **\$1.50 each**

Movement Mounting Screw/Washer Assortment

12 pieces. 2 each of all 4 steel screws and 2 washers listed above.

No. 32461 **\$16.50 pack**

Movement Mounting Screw & Washer



Generic. Used on many clocks. China.

No. 32903 M2.8 x 40mm Phillips Flat Head Zinc Plated Screw **50¢ each**

No. 32929 .. 13/16" W x 2-1/4" L x 1/8" T Zinc Plated Mounting Washer **\$1.50 each**

Movement Mounting Washer - Steel

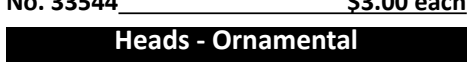


Brass plated. 5/8" x 2". For Hermle movements and others. 3.75mm top hole. 3mm side holes.

No. 33544 **\$3.00 each**

Heads - Ornamental

Lion Heads



No. 23630

No. 10756

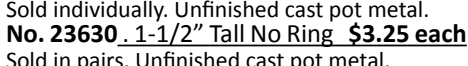
Sold individually. Unfinished cast pot metal.

No. 23630 .. 1-1/2" Tall No Ring **\$3.25 each**

Sold in pairs. Unfinished cast pot metal.

No. 10756 2-5/8" Tall **\$12.50 pair**

Bronze Lion Head Pull



Cast pot metal. Lion head is 1-1/2" wide x 1-7/8" tall with a 1-7/16" diameter pull ring. With mounting screw. China.

No. 34293 **\$4.00 each**

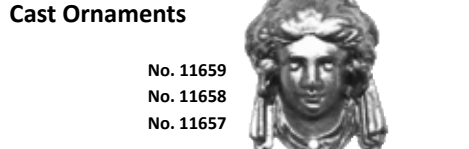
Lion Head



Cast pot metal. Brass finish. 1-5/16" ring. 1-7/8" T x 1-5/8" W. With 1-1/4" long mounting screw.

No. 23927 **\$9.00 each**

Cast Ornaments



No. 11659

No. 11658

No. 11657



No. 11660



No. 11661



No. 29393



Cast pot metal. Requires finishing.

No. 11659 1-7/8" Tall Head **\$4.50**

No. 11658 2-3/16" Tall Head **\$5.00**

No. 11657 2-9/16" Tall Head **\$5.50**

No. 11660 .. 4-7/8" Long Plaque **\$6.00**

No. 11661 5" Plaque W/Head **\$6.00**

No. 29393 7-5/8" Plaque W/Head **\$6.50**

Decorative Head For Ansonia Capitol



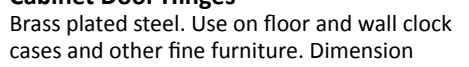
Unfinished cast pot metal. 3-1/4" T x 2" W.

No. 18271 **\$11.50 each**

Hinges

Cabinet Door Hinges

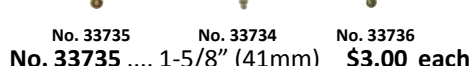
Brass plated steel. Use on floor and wall clock cases and other fine furniture. Dimension shown is overall length. China.



No. 33735 1-5/8" (41mm) **\$3.00 each**

No. 33734 2-7/8" (73mm) **\$4.00 each**

No. 33736 2-1/8" (54mm) **\$3.00 each**



No. 33739 2-3/16" (55.5mm) **\$3.00 each**

No. 33737 .. 2-1/2" (63.5mm) **\$3.25 each**

No. 33738 .. 3-1/4" (82.5mm) **\$4.00 each**



No. 33740 9/16" (14mm) **\$2.00 each**

Door Hinges - Brass Plated



No. 34269 5/8" Height 3/4" Width

No. 15520 1" Height 3/4" Width

No. 19731 1" Height 1" Width

\$1.50 each \$15.00/ 12 (\$1.25)

Brass Plated Steel Hinges



12-piece packs. India.

No. 34337 1/2" x 1/2" **\$3.50 pack**

No. 34339 3/4" x 1-1/2" **\$3.50 each**

No. 34340 1-1/2" x 1" **\$4.00 each**

No. 34338 ... 4 each: 1/2", 3/4", 1" **\$5.00 pack**

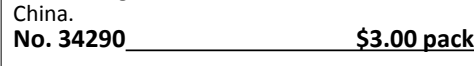
10-Pc Brass Plated Steel Hinges 18mm X 16mm



4 mounting holes with screws. .708" X .630". China.

No. 34290 **\$3.00 pack**

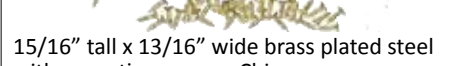
10-Piece Mini Butterfly Hinge Pack



15/16" tall x 13/16" wide brass plated steel with mounting screws. China.

No. 34301 **\$4.50 pack**

Swing Out Hinges - Brass



No. 12725

No. 12724

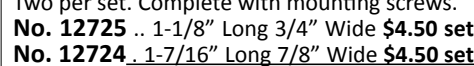
Two per set. Complete with mounting screws.

No. 12725 .. 1-1/8" Long 3/4" Wide **\$4.50 set**

No. 12724 .. 1-7/16" Long 7/8" Wide **\$4.50 set**

Hooks & Latches

Door Hooks



Brass plated.

No. 10412 3/4" Long

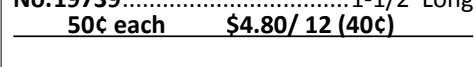
No. 10411 1" Long

No. 19738 1-1/4" Long

No. 19739 1-1/2" Long

50¢ each \$4.80/ 12 (40¢)

Door Hook Eyes



Brass plated.

No. 10402 1/2" Long **40¢ each**

No. 24682 3/4" Long **40¢ each**

Door Hook & Eye Assortment

2 pieces each of above hooks (3/4", 1", 1-1/4" and 1-1/2") and eyes (1/2" and 3/4").

No. 13556 14 Pieces **\$4.25 pack**

Hooks & Latches

Steel Seatboard Hooks



Use to hold down movements in "OG", grandfather, Ithaca, and other clocks.

- No. 10409** #4-40 Thread 2-1/2" Long
No. 18389 #6-32 Thread 2-7/8" Long
No. 10410 #8-32 Thread 3-5/8" Long
\$3.00 each

Bezel Latch - Wood



For school clocks and long drop regulators. 1.67" L x .470" W. 385" high end height tapering to .180". Recessed .135" through hole for mounting screw. Stain to suit.

- No. 33979** **\$3.00 each**

Bezel Latch - Seth Thomas #2



Brass bezel latch and catch.

- No. 23110** **\$4.00 set**

Cuckoo Clock Back Door Latch



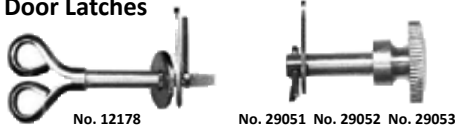
- No. 20639** Steel 3/4" Long
40¢ each \$3.00/ 12 (25¢)

Kitchen Clock Door Latch - Brass



- No. 10617** 5/16" x 1-1/4" **\$1.50 each**
No. 12180 7/16" x 1-5/8" **\$1.50 each**

Door Latches



No. 12178

No. 29051 No. 29052 No. 29053

No. 12179 No. 23744

Fit American and European clocks. Shaft length shown.

- No. 12178** Brass 1-1/2" "OG" Clock
No. 29051 Brass 3/8" School Clock
No. 29052 Brass 9/16" School Clock
No. 29053 Brass 3/4" School Clock
No. 12179 Brass 1" School Clock
\$3.25 each \$9.00/ 3 (\$3.00)

Knobs & Pulls

Barometer Set Knob - Brass



3mm diameter shaft. 5.5mm shaft length. 11.4mm (.448") overall length.

- No. 23087** **\$5.00 each**

Knobs & Pulls



5/8" diameter x 1/2" tall. With a machine screw and an adapter screw. Brass.

- No. 30982** **\$3.00 each**



Used on Hermle, but can use on others. 10mm (.394") diameter x 8.5mm (.335") long. 3mm diameter wood screw affixed. Antiqued brass.

- No. 90034** **\$3.75 each**



1/2" diameter x 3/4" tall. Brass. India.

- No. 32310** **\$3.00 each**



No. 33969 has brass finish. **No. 33970** has bronze finish. Mounting screw included. Head dimensions shown

- No. 33969** .. 3/4" Dia. x 3/4" Tall **\$4.00**
No. 33970 .. 3/4" Dia. x 3/4" Tall **\$4.00**



Used on Hermle, but can use on others. 8mm (.315") diameter x 10mm (.394") long. 3.5mm internal thread. Nicked. No mounting screw.

- No. 90022** **\$3.00 each**

Carriage Clock Door Knob - Brass



1/4" head. M2.0 x 10mm thread.

- No. 18454** **\$6.00 each**

Door Pull



Cast. Antiqued finish. 3.5mm unthreaded mounting hole. For floor and wall clocks. 1-3/8" wide x 1-3/16" tall.

- No. 29337** **\$5.00 each**



Used on Hermle, but can use on others. Blackened Arts & Crafts style door pull. 1" W x 3-3/4" T.

- No. 90013** **\$5.00 each**

Door Locks & Keys

#2 Regulator Door Lock - Brass



1" wide x 2-1/4" tall. With catch.

- No. 12181** **\$8.50 each**

Door Lock - Cabinet Catch & Strike



Brass plated steel. Use on floor and wall clock cases and other fine furniture. China.

- No. 33744** 1-1/16" W x 2" L **\$3.50**
No. 33743 . 1-5/16" W x 2-5/16" L **\$3.75**
No. 33742 1-7/16" W x 2-3/4" L **\$4.00**

Door Lock & Key Sets



Narrow lock for grandfather clocks. Fits left or right hand doors. 13/16" W x 2-3/4" T x 5/16" D. Key style may vary. China.

- No. 23928** .. Gun Metal Finish **\$10.00 set**
No. 33749 Nickel Finish **\$10.00 set**

Key Only - Brass

- No. 29309** 1-11/16" long **\$4.00 each**



No. 29264

No. 29265

Blackened steel. 2" long x 1" wide x 5/16" deep.

- No. 29264** **\$11.00 set**

Brass plated. 1-3/4" long x 1" wide x 3/8" deep. With 1" diameter keyhole cover.

- No. 29265** **\$10.00 set**



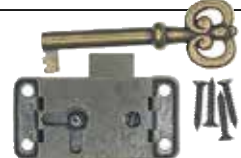
1-3/4" x 2-7/16" x 7/16" D. Steel lock. Brass key.

- No. 15846** **\$10.50 set**



Nickel steel lock and key. 1-11/16" wide x 2-1/4" tall x 3/8" thick.

- No. 34226** **\$9.00 set**



Bronzed steel lock and key. With mounting screws. 1-1/16" wide x 2-3/64" tall x 2-21/64" thick.

- No. 34227** **\$5.00 set**



Brass lock and key. With 2-3/16" tall front plate, strike plate, keyhole escutcheon, and mounting screws. Overall depth is 1-1/2". 3-17/32" thick x 1-13/64" wide.

- No. 34228** **\$17.50 set**



Cast bronzed lock and key. With keyhole escutcheon, plastic key hole plug, plastic lock receptacle, and mounting screws. 1-1/4" wide x 2-11/64" tall x 17/32" thick.

- No. 34229** **\$21.00 set**

Door Locks & Keys & Related



Brushed brass plated steel lock and key. With plastic key hole plug, plastic lock receptacle, and mounting screws. 1-1/2" wide x 2-7/32" tall x 13/32" thick.

No. 34230 \$21.00 set



Brass lock and key. 1-1/2" wide x 2-1/4" tall x 13/32" thick. with plastic lock receptacle and cast keyhole escutcheon.

No. 34231 \$21.00 set

Door Lock-Terry



Brass door lock and brass key
No. 23745 1-5/8" T x 7/8" W **\$7.25 set**

Steel door lock and brass key.
No. 10758 1-5/8" T x 7/8" W **\$7.25 set**

Terry Key Only - Brass
No. 11229 1-5/16" Long **\$4.25 each**

Door Lock



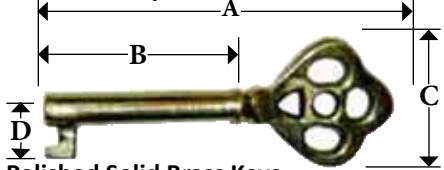
Brass plated steel. 3/4" W x 2-5/16" L. Use on floor and wall clocks and other fine furniture. #33727 key fits lock. With lock plate. China.
No. 33974 **\$5.50 each**

Bullet Catch & Spring Loaded Strike



No. 15818 5/16" Dia. **\$1.50 each**

Door Lock Keys



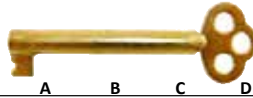
Polished Solid Brass Keys



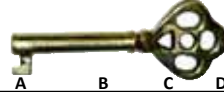
No. 23932 1-7/16" 9/16" 11/16" 3/16" **\$4.50**



Also used on Howard Miller clocks.
No. 23934 2-7/16" 1-1/2" 1" 5/16" **\$3.25**



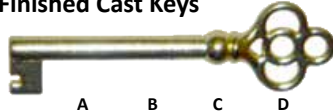
No. 10015 2-3/8" 1-3/4" 3/4" 5/16" **\$3.25**



No. 23936 2-7/16" 1-3/8" 1" 3/8" **\$3.25**



No. 23938 3" 1-1/4" 1-3/8" 3/8" **\$5.50**
Brass Finished Cast Keys



No. 23939 2-1/2" 1-1/2" 3/4" 3/8" **\$4.25**
Statuary Bronze Finish Keys



No. 23940 2-1/8" 1-1/2" 5/8" 3/8" **\$2.50**



No. 33727 2-7/8" 1-1/8" 1-15/16" 5/16" **\$4.00**



No. 33863 2-15/16" 1-5/8" 1-11/32" 7/16" **\$4.00**

Howard Miller Style Door Key



Brass plated. Fits many Howard Miller floor clocks and others. 1-11/16" long. China.
No. 29309 **\$4.00 each**

Mock Door Key



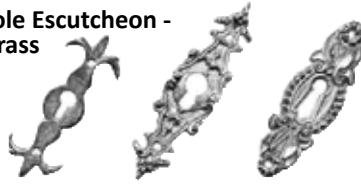
Antique brass. Used on Hermle & others. Can use as a door pull. 1-1/8" long. With .260" mounting square.
No. 90023 **\$3.00 each**

Door Key Assortment



Set of 10 keys for door locks bound on a 2" ring. Different styles and finishes.
No. 31071 **\$25.00 set**

Key Hole Escutcheon - Cast Brass



No. 12727 2-3/8" T x 7/8" W **\$5.00**
No. 12728 3-3/8" T x 15/16" W **\$5.00**
No. 12729 3-1/8" T x 1" W **\$5.00**

Escutcheons



Cast zinc. Bright brass finish. For floor and wall clocks and other fine furniture. **Was \$4.50-\$5.00. While supplies last.**

No. 02766 .. 4-1/8" L x 7/8" W **\$1.50 each**
No. 02767 .. 4-7/8" L x 3/4" W **\$1.50 each**
No. 02769 .. 4-7/8" L x 3/4" W **\$1.50 each**

Escutcheons



For floor and wall clocks and fine furniture. Cast zinc. China. 5-1/8" long x 7/8" wide.
No. 29560 Brass Plated **\$4.50 each**
No. 33725 Bronze Plated **\$4.50 each**

Brass plated.

No. 33726 5-3/8" L x 3/4" W **\$5.50 each**

Keyhole Escutcheon - Brass



Use to protect wood cases from keys.
No. 15730 Cast 11/16" Tall **\$3.00**
No. 15731 Stamped 13/16" Tall **\$2.00**

Keyhole Escutcheon



Stamped .020" brass. 9/16" diameter with 2 rear prongs for easy insertion into wood.
No. 32787 **\$1.00 each**

Tassels

Key Not Included



Rayon. 4" long with fancy knotted tops.
No. 29419 Burgundy
No. 29421 Dark Red
No. 29055 Forest Green
No. 20379 Gold
No. 20381 Oyster (Ivory)
\$3.00 each \$8.25 / 3 (\$2.75)

3-Piece Tassel Assortment



4" and 4-1/2" tassels in discontinued and current colors (no choice). Imported.
No. 32481 **\$7.50 pack**

30-Piece 3-1/8" Tassel Assortment



Description: Random assorted colors. Use on keys, jewelry, hobby projects, etc. \$0.20 each tassel. Polyester. China.
No. 34284 **\$6.00 pack**

Lux & Keebler

Lux Bluebirds



Brightly painted metal. 1-1/4" long.
No. 11600 Facing Left **\$3.00 each**
No. 11599 Facing Right **\$3.00 each**

Lux Love Birds



Brightly painted metal. 5/8" long.
No. 11686 **\$6.00 pair**

Lux Reindeer



Plastic. 1-7/8" long.
No. 11684 **\$5.00 each**

Resin, Brass & Plastic Ornaments

Stamped Case Ornaments - Closeout



Aluminum. Antiqued gold. 1-7/8" wide x 7/8" tall. Affix with glue. **Was \$2.50.**
No. 00494 **\$1.00 each**



Antiqued brass. 1-1/8" square x .035" thick. Affix with glue. **Was \$3.00.**
No. 01308 **\$1.50 each**

Stamped Case Ornament - Closeout



Antiqued brass. 1-13/32 W x .098" T. Affix with glue. **Was \$3.00.**
No. 01311 **\$1.50 each**



Antiqued brass. 1-3/16" square. Affix with glue. **Was \$3.00.**
No. 00498 **\$1.50 each**



Antiqued brass. 1-3/8" square x 9/32" T. Affix with glue. **Was \$5.00.**
No. 01358 **\$2.00 each**



Bronze finished brass. 1-15/16" dia. x .275" deep. With hole to hang or affix with glue. **Was \$4.00.**
No. 01315 **\$2.00 each**

Fleur De Lys Case Ornament 4-Pack



28mm wide x 45mm tall (1.10" x 1.77").
 Bronzed cast pot metal. Flat back. With mounting screws. China.
No. 34294 **\$4.00 each**

Paterae - Brass



No. 29959 **No. 29960** **No. 29961**
 Use on tall case clocks and others. Stamped.
No. 29959 1-1/2" Dia. **\$12.00 each**
No. 29960 1-5/8" Dia. **\$12.50 each**
No. 29961 2" Dia. **\$15.00 each**

Round Case Ornament Set - Closeout



3/4" D x 1/16" T with 2 polished 3/16" brass strips against a black surface. 4-piece set. Great for decorating deco and modern mantel and desk clocks. Affix with glue. **Was \$6.00.**
No. 00501 **\$2.50 set**

Round Case Ornament Set - Closeout



Brass. Self-adhesive. 4-piece set. Unusual grooved deco design. Center sunburst pattern reflects light and shimmers when viewed from different angles. Black background. .850" D x .079" T". Affix with glue. **Was \$12.00.**
No. 01309 **\$6.00 set**

Resin Case Decoration

Resin cast parts with a brown finish. England.
Heads



No. 29975 ... 1-1/2" W x 2-1/4" T **\$9.25**



No. 29974 ... 1-3/4" W x 2-1/2" T **\$9.50**

Rounds & Rosettes



No. 29990 15/16" **\$2.50**



No. 29988 1" **\$2.50**



No. 29987 1-3/16" **\$3.25**



No. 29994 1-5/16" **\$3.00**



No. 29993 1-3/8" **\$4.75**



No. 29989 1-7/8" **\$3.75**



No. 29991 2" **\$3.50**

Squares



No. 29984 1" **\$3.25**

Side Arms

Mantel Clock Side Arms



No. 20262



No. 20263

Cast. Unfinished. Sold individually.
No. 20262 3-1/4" Tall **\$5.00 each**
No. 20263 3-9/16" Tall **\$6.00 each**

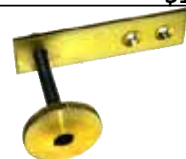
Stabilizers

Ansonia Clock Stabilizer



Brass plated. 1-13/16" long.
No. 23412 **\$1.50 each**

Wall Stabilizer - Brass



1-3/8" long screw. 1-7/8" long plate.
No. 19585 **\$3.50 each**

Stabilizers

Vienna Regulator Wall Stabilizers



Cast brass plates with screws for regulators and others. Sold in pairs.

No. 23746 . 1-5/8" long plate and 1-1/8" long screw
\$15.50 pair

No. 23747 ... 1-3/4" long plate and 3/4" long screw
\$17.00 pair

Wall Stabilizers



Steel 1-7/8" long plates. Knurled brass knobs.

No. 10415 1-1/8" Screw **\$4.25 each**

No. 10420 1-1/2" Screw **\$4.50 each**

Wall Stabilizers



No. 18327
7/8" Screw

No. 18328
7/8" Screw

Brass head screws. 1-9/16" long steel plates.
\$2.50 each

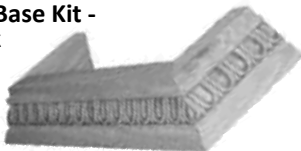
Case Parts - Wood

Mantel Clock Backboard - Wood



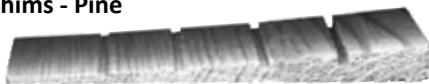
14" x 8" with a 4-7/8" cutout. 1/4" thick.
No. 14718 **\$7.50 each**

Kitchen Clock Base Kit - Embossed Oak



14-1/2" x 5-1/8". Pre-cut sections. Trim to fit. Assembly and staining required
No. 23144 **\$38.50 each**

Shims - Pine



4-3/8" long by 1" wide. Tapers from 5/16" to 1/16" thick. 12 pieces per pack.
No. 14719 **\$7.50 pack**

Door Molding - Oak



Use to make school and kitchen clock doors. Both are 3/4" wide x 2" long. Unfinished.
No. 18392 School Clock **\$7.50**
No. 18394 Embossed Kitchen Clock **\$10.00**

Door Strip - Wood



12 pieces per pack. 1/4" x 1/8" X 12".
No. 14720 **\$9.50 pack**

Door Liners - Rubber



No. 15733 **No. 15732**

Reduces glass installation problems in cabinet doors. Prevents breakage. 10-foot roll.
No. 15733 **\$4.50 roll**

1/4" round profile. Install with brads or staples. 10-foot roll.
No. 15732 **\$4.00 roll**

Peg For English Dial Clocks - Wood



No. 29953

No. 17733
Tapered pegs.
No. 29953 ..UK. 2-9/16" Long **\$7.50 each**
No. 17733 ..India..... 3" Long **\$4.00 each**

Wood Case Ornaments

All pressed wood ornaments are 5/32" thick. Turned wood rosettes are 9/16" thick. All are oak (except as indicated) and easily stained.

Round Oak



No. 23947 1-1/4" **\$3.25 each**

Vienna Head Pieces

Hardwood. Final sanding and finishing required. Measurements are at the widest point. Finial styles may vary.

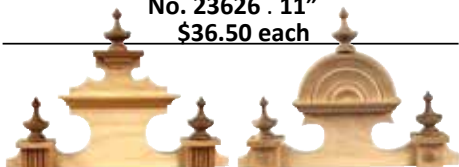


No. 23623 .. 9" **\$35.00 each**

No. 23753 . 12" **\$38.50 each**



No. 23626 . 11" **\$36.50 each**



No. 23627 . 12" **\$38.50 each**

No. 23628 . 14" **\$48.50 each**

No. 23754 . 14" **\$48.50 each**

No. 23755 . 16" **\$50.00 each**



No. 29304 . 12" **\$38.50 each**

No. 29305 . 14" **\$48.50 each**

No. 29697 . 16" **\$50.00 each**

Vienna Top Mounting Block

Top
Not
Included



Use to mount Vienna tops to cases.
No. 29493 **\$8.50 each**

Chain & Related

Chain Hook, Ring & Stop - Brass



One set includes hook, ring and stop. Use on Hermle and others.

No. 12321 Large size **\$3.00 set**
\$8.25/ 3 (\$2.75)

No. 32590 Small size **\$2.75 set**

Kieninger Hook & Ring - Brass



Sold as a set
No. 22986 **\$3.00 set**

Urgos Hook & Ring - Brass



Sold as a set.
No. 20721 **\$3.00 set**

Cuckoo Chain Hooks & Rings - Brass



12 sets of hooks and rings in a pack.
No. 10438 1-Day
No. 19671 8-Day
\$7.50 pack \$14.50/2(\$7.25)

Old Style Cuckoo Chain Hook - Steel



7/8" tall.
No. 30983 **\$2.75 each**

Chain Conversion Kit



Converts rope to chain drive. Fit the old cheeks and ratchets to 2 centers. With 12' of chain.
No. 19504 **\$52.50 kit**

Generic Chain For Atmos Clocks



Bright gold filled 3" chain (Atmos #3491).
No. 22880 **\$8.00 each**

Heavy Duty Clock Chain - Closeout



Brass plated. Sold by the foot. Specify how many feet you want to order. 2.50mm wire diameter x 21 links per foot. Was \$5.00.
No. 01302 **\$2.00 per foot**

Chain		Note: Chain may be brass or brass plated except as noted.												
	Part #	Wire Dia.	Links Per Foot	Length	Price Each	Price Each for 2 Pieces		Part #	Wire Dia.	Links Per Foot	Length	Price Each	Price Each for 2 Pieces	
	No. 19610	0.70mm	66	70"	\$4.50	\$4.25		No. 23182	1.50mm	46	70"	\$19.50	\$19.25	
									Antique Brass Finish					
	No. 19611	0.70mm	72	70"	\$4.50	\$4.25		No. 19628	1.50mm	46	70"	\$19.00	\$18.75	
	No. 19612	0.90mm	59	78"	\$8.50	\$8.25								
									Hubert Herr / 1-Day					
	No. 19613	0.90mm	61	70"	\$5.00	\$4.75		No. 18735	1.60mm	38	70"	\$12.00	\$11.75	
									For Kieninger & Jauch					
	No. 23178	0.90mm	61	78"	\$5.00	\$4.75		No. 33747	1.60mm	38	72"	\$12.00	\$11.75	
									Regula #25 / 1-Day Brass Plated					
	No. 23177	0.90mm	61	70"	\$7.50	\$7.25		No. 32106	1.60mm	43	72"	\$12.00	\$11.75	
									For Hermle & Others					
	No. 23179	1.05mm	52	70"	\$7.00	\$6.75		No. 29398	1.60mm	45	58-1/2"	\$12.00	\$11.75	
									Antique Brass Finish					
	No. 01301	1.10mm	44	42"	\$7.00	\$6.75		No. 19913	1.60mm	46	55"	\$12.00	\$11.75	
									For Kieninger SK Movements					
	No. 01543	1.10mm	49	78"	\$7.00	\$6.75		No. 19915	1.70mm	46	55"	\$13.00	\$12.75	
									Antique Brass Finish					
	No. 29635	1.20mm	39	72"	\$9.00	\$8.75		No. 15889	1.70mm	47	57"	\$13.50	\$12.75	
									For Hermle #241, #451, #461, #1151, #1161 Brass					
	No. 19616	1.20mm	43	70"	\$9.00	\$8.75		No. 32100	1.70mm	47	72"	\$13.50	\$13.25	
									For Hermle #241, #451, #461, #1151, #1161 Brass					
	No. 23180	1.20mm	47	70"	\$9.50	\$9.25		No. 34415	1.80mm	35.5	72"	\$13.00	\$12.75	
	No. 23181	1.20mm	48	86-1/2"	\$12.00	\$11.75		No. 33748	1.80mm	39"	72"	\$13.00	\$12.75	
	No. 19614	1.20mm	48	70"	\$6.00	\$5.75		No. 19926	1.80mm	40	63"	\$18.00	\$17.75	
									Fits Urgos UW03					
	No. 19355	1.20mm	48	78"	\$13.50	\$13.25		No. 19284	0.90mm	65	72"	\$20.00	\$19.75	
									Ladder Chain					
	No. 20004	1.20mm	48	78"	\$12.50	\$12.25		No. 10805	1.00mm	65	72"	\$13.50	\$13.25	
									Ladder Chain / Stainless Steel					
	No. 19622	1.30mm	45	70"	\$16.00	\$15.75		No. 32117	1.20mm	39	72"	\$15.00	\$14.75	
									Ladder Chain / Brass					
	No. 29636	1.35mm	39	72"	\$14.00	\$13.75		No. 10806	1.20mm	42	72"	\$14.00	\$13.75	
									Ladder Chain / Brass					
	No. 19625	1.35mm	49	70"	\$13.00	\$12.75		No. 10807	1.35mm	34	72"	\$14.50	\$14.25	
									Ladder Chain / Brass					
	No. 19288	1.35mm	46	70"	\$17.50	\$17.25								
									For Hermle #261					
	No. 33746	1.40mm	40.5	72"	\$12.50	\$12.25								
									Steel Tall Clock Chain					
	No. 32107	1.40mm	44	72"	\$12.50	\$12.25		No. 23497	1.60mm	42	144"	\$20.00	\$19.75	
	No. 23499	1.80mm	33	144"	\$20.00	\$19.75		No. 23498	1.80mm	36	144"	\$20.00	\$19.75	

Chime Units

Does not include mounting hardware.
See part #21063 on page 40.

Imported chime units for Hermle and others. All have cast iron bases with either copper or steel chime rods. All chime units have screw-in or press-fit chime rods.

No. 32654

No. 23653
For Westminster Hermle movements #351-830 / #351-030

No. 19163
For Bim Bam Chime Hermle movement (#130-020)

No. 23650
For Bim-Bam Hermle movements #241-030/#261-030

No. 32177
For Westminster Hermle movement #340-020

No. 23651
For Westminster Hermle movements #341/#351

No. 23652
For Westminster Hermle movements #340 series

No. 20723
For side hammer Westminster Hermle movements (#340-020)

No. 23654
For Westminster Hermle movements #351-031 / #350-820

No. 29546 Westminster

No. 32653 Triple Chime

No. 33750
For Westminster Chime Hermle movement (#451)

No. 23655
For Triple Chime Hermle movements #1050 series

No. 23656
For Triple Chime Hermle movements #1051-030 / #1051-830

No. 23657
For Westminster Chime Hermle movement (#351-050)

No. 20725
For Westminster Chime Hermle movement (#451)

No. 20726
For Westminster Chime Hermle movements (#451-050 / #461-050)

No. 20727
For Triple Chime Hermle movements (#1151-050, 1151-053, #1161-050)

No. 23658
For Triple Chime Hermle movements #1151 series

Part #	# Of Rods	Longest Rod	Base Style	Rod Material	Chime Played	Price
No. 32654	2	15-3/4"	Vertical	Steel	Bim/Bam	\$8.00
No. 19163	3	6-5/8"	Horizontal	Copper	Bim/Bam	\$26.50
No. 23650	3	10"	Horizontal	Copper	Bim/Bam	\$28.50
No. 23651	5	7-3/4"	Vertical	Copper	Westminster	\$42.00
No. 23652	5	7-3/4"	Horizontal	Copper	Westminster	\$36.50
No. 32177	5	9-3/4"	Horizontal	Copper	Westminster	\$36.50
No. 23653	5	11-3/4"	Vertical	Copper	Westminster	\$40.00
No. 23654	5	13-1/2"	Vertical	Copper	Westminster	\$32.50
No. 20723	5	20-3/4"	Vertical	Steel	Westminster	\$38.50
No. 23655	8	7-3/4"	Horizontal	Copper	Triple Chime	\$52.00
No. 23656	8	13"	Vertical	Copper	Triple Chime	\$43.50
No. 23657	8	19-3/4"	Vertical	Steel	Westminster	\$50.00
No. 29546	8	22-1/2"	Vertical	Steel	Westminster	\$42.50
No. 33750	8	26-1/2"	Vertical	Steel	Westminster	\$52.50
No. 20725	8	26-1/2"	Vertical	Steel	Westminster	\$54.00
No. 20726	8	26-3/4"	Vertical	Steel	Westminster	\$88.00
No. 32653	12	22-1/2"	Vertical	Steel	Triple Chime	\$67.50
No. 20727	12	26-3/4"	Vertical	Steel	Triple Chime	\$85.00
No. 23658	12	26-3/4"	Vertical	Steel	Triple Chime	\$78.00

Chime Rods & Related

Taps & Tap Drills For Gong Bases



For drilling and tapping cast iron gong bases when installing new chime rods.

For 6.5mm Chime Rods

No. 18971 5.4mm Tap Drill \$5.00
 No. 18969 6.5mm x 1 Tap \$12.50
 No. 29856 M6.5x1.0 Die \$15.00

Chime Rods - Copper



6.5mm end fitting thread diameter.
 No. 34205 .. 14" Long 2.5mm Rod Dia.
 No. 34206 .. 14" Long 3.0mm Rod Dia.
 \$9.00 each \$26.25/ 3 (\$8.75)

Cut to desired length to put the rod in tune. 29" long.

No. 34221 3.0mm Rod Dia. \$19.50 each
 No. 34222 3.5mm Rod Dia. \$22.50 each

Bim-Bam 2- Piece Chime Rod Set - Brass



7-3/8" and 7-7/8" rods. M6.5 x 1.0mm brass end fitting. Can be cut to length. India.
 No. 34183 \$5.50 set

Chime Rods - Steel



With 6.50mm end fitting thread diameter.

	Rod Diameter	Length In.
No. 12222	3.30mm	26
No. 12208	3.60mm	19
No. 12210	3.60mm	24
No. 12211	3.60mm	26
\$7.00 each \$20.25/ 3 (\$6.75)		

Chime Rods - Steel - 29" Long



Cut to desired length to put the rod in tune.
 No. 34248 ... 3.0mm Rod Dia./6.5mm thread Dia.
 No. 34223 ... 3.6mm Rod Dia./6.5mm thread Dia.
 No. 34224 ... 3.6mm Rod Dia./8.0mm thread Dia.
\$8.50 each

White Steel Chime Rods



Steel rods are not blued and can be trimmed to any length. 6.5mm fitting.
 No. 34198 3.30mm x 29"
 No. 34199 3.60mm x 29"
\$10.50 each \$30.75/ 3 (\$10.25)

Steel Chime Rods - Closeouts



3.80mm diameter (6.5mm fitting). Was \$7.00.
 No. 01862 24" long \$4.50 each
 No. 01863 26" long \$4.50 each

Chime Bar Protector



12" wide x 12" long bubble. Slide between rods of chime bar assembly for protection.
 No. 23777 \$50¢ each

Clicks, Clicksprings & Pallets

Click 12-Piece Assortment



American style clicks for Ansonia, Waterbury, Seth Thomas and others.
 No. 12399 \$6.50 pack

Click 18-Piece Assortment



2 pieces each of 9 different clicks. Includes Ansonia (small and medium), Gilbert, Ingraham, New Haven, Sessions, S. Thomas (old and new) and Waterbury.
 No. 29496 \$8.50 pack

Clicks & Rivets 50-Piece Assortment



Brass clicks and rivets. India.
 No. 19583 \$11.00 pack

Clicks - Grandfather



No. 12721 1" Span-Small \$5.50 each
 No. 12720 1-3/16" Span-Large \$5.50 each

Click - Hermle



Nickeled. Fits Hermle and other movements.
 No. 11616 5/8" Long \$1.75 each

Click Springs

All stop tabs shown are on the back edge. Springs shown approximate size.

All click springs are \$6.00 each



No. 16684 .. #1 No. 20036 .. #2



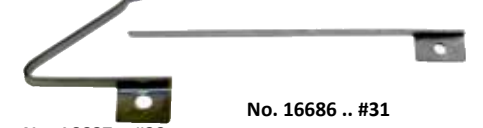
No. 18754 .. #4



No. 18363 .. #12 No. 20037 .. #26



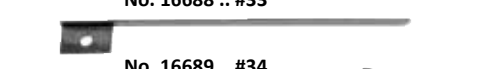
No. 33558 ... #30



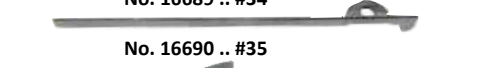
No. 16687 .. #32 No. 16686 .. #31



No. 16688 .. #33



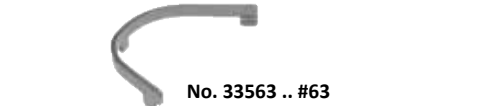
No. 16689 .. #34



No. 16690 .. #35



No. 33559 .. #50



No. 33563 .. #63



No. 16691 .. #75

No. 16692 .. #76



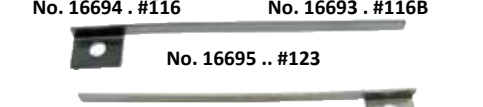
No. 32688 .. #84

No. 32689 .. #85

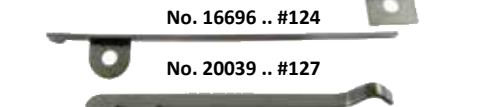


No. 16694 .. #116

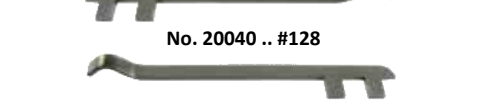
No. 16693 .. #116B



No. 16695 .. #123



No. 16696 .. #124



No. 20039 .. #127



No. 20040 .. #128



No. 20814 .. #129



No. 20041 .. #157

No. 20042 .. #158

All click springs are \$6.00 each

Click Spring - Carriage Clock

No. 29746 \$6.00 each

Click Springs - Chelsea



No. 32686 No. 32687
 Brass. The only difference is the pin location.
 No. 32686 Left \$7.50 each
 No. 32687 Right \$7.50 each

Clicks, Clicksprings & Pallets

Click Springs - Hermle

Fits Hermle and other movements.



No. 20861 (27/32") \$1.00 each



No. 19282 (29/32") \$1.00 each

No. 11617 (1-1/32") \$1.00 each



No. 15890 (2-7/16")
\$1.50 each

Click Spring 12-Piece Assortment

3 pieces each of 4 different click springs above.
No. 32347 \$11.50 pack

Click Spring - Great Wheel



Brass with two pin feet. 2-3/4" long.

No. 18892 \$4.50 each

Click Spring - Herschede Style



No. 34207 \$9.50 each

Click Spring - Junghans Swinger



No. 32910 24.5mm wide \$7.50 each

Click Spring - Kieninger



No. 18736 1-1/16" long \$6.00 each

Click Springs - Kundo



No. 01879



No. 01888

Used on Kundo Standard 49 and Junior clocks.

No. 01879 Part #01-08 \$6.00 each

No. 01888 Part #01-08a \$6.00 each

Click Spring - Mainwheel



Use to put tension on English clicks.

No. 10535 \$3.50 each

Click Spring - Seth Thomas #2



Use on Seth Thomas #2 movements.

No. 33714 \$6.00 each

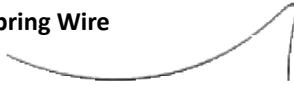
Seth Thomas #2 Maintaining Power Spring



Maintaining power spring is used on Seth Thomas #2 movements. .040" steel wire x 1.760" OD.

No. 32777 \$3.00 each

Click Spring Wire



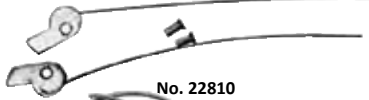
10-pack. .020" diameter

No. 16979 \$2.50 pack

Clicks, Rivets & Springs



No. 22809 No. 29755



No. 22810



No. 20431
No. 22727
No. 22808
No. 20433



No. 20430

Brass clicks, formed springs and rivets. 2 of each per pack. Can use on other movements.

No. 20430 . Ansonia (Medium) \$5.00 set

No. 22727 ... Ansonia (Small) \$5.00 set

No. 22809 Gilbert \$5.00 set

No. 29755 Ingraham \$5.00 set

No. 20433 New Haven \$5.00 set

No. 22810 Sessions \$5.00 set

No. 20431 .. S. Thomas (New) \$5.00 set

No. 22808 S. Thomas (Old) \$5.00 set

Clicks, Rivets & Springs



6 clicks, rivets and springs. 3 left and 3 right. For American clocks.

No. 10581 \$6.00 pack

Clicks, Rivets & Springs



3 each of left and right assemblies. Longer than No. 10581 at 3-1/4" long with clicks that have a different head configuration. India.

No. 30495 \$6.00 pack

Gathering Pallets



No. 10532

No. 10533

Nickel plated brass. End to end length 1-1/4".

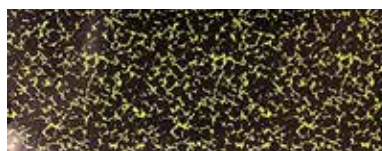
No. 10532 Left

No. 10533 Right

\$21.00 each \$41.50/ 2 (\$20.75)

Cuckoo Material

Non-Stick Bellows Covers



5-3/4" x 13-3/8" black and yellow paper.

No. 19387 \$6.00 each

Bellows Material



12" x 12" sheets for covering bellows.

No. 20168 \$3.50 sheet

Bellows Material - Leather



Approximately 30 square inches for covering bellows tops. Thickness varies.

No. 18936 \$17.50 each

Bellows Pre-Cut Forms



Material to repair bellows tops. Sold each.

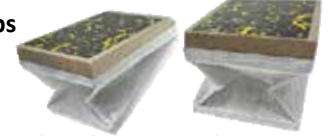
	Length x Width	
No. 17413	For 37mm x 29mm	\$1.50
No. 17414	For 44mm x 29mm	\$1.50
No. 17415	For 44mm x 33mm	\$2.00
No. 17416	For 50mm x 33mm	\$2.00
No. 17417	For 56mm x 33mm	\$2.00
No. 17418	For 60mm x 40mm	\$2.00

Bellow Forms 12-Piece Assortment

2 pieces each of 6 different sizes above.

No. 32397 \$14.00 pack

Bellows Tops



Pairs. 8-day tops have heavier weight inserts.

	Length	Width	
	37.0mm	x 29.0mm	
No. 10451	1-Day	1-1/2" x 1-1/8"	
	44.0mm	x 29.0mm	
No. 17410	1-Day	1-3/4" x 1-1/8"	
	44.0mm	x 33.0mm	
No. 10450	1-Day	1-3/4" x 1-1/4"	
	44.0mm	x 33.0mm	
No. 17710	8-Day	1-3/4" x 1-1/4"	
	\$9.00 pair	\$26.25/ 3 (\$8.75)	

	50.0mm	x 33.0mm	
No. 17411	1-Day	2" x 1-1/4"	
	50.0mm	x 33.0mm	
No. 17683	8-Day	2" x 1-1/4"	
	56.0mm	x 33.0mm	
No. 10449	1-Day	2-1/4" x 1-1/4"	
	56.0mm	x 33.0mm	
No. 17684	8-Day	2-1/4" x 1-1/4"	
	\$9.50 pair	\$27.75/ 3 (\$9.25)	

	60.0mm	x 40.0mm	
No. 10448	1-Day	2-3/8" x 1-5/8"	
	60.0mm	x 40.0mm	
No. 17412	8-Day	2-3/8" x 1-5/8"	
	\$10.00 pair	\$29.25/ 3 (\$9.75)	

Old Style Trapezoidal Bellows Tops



Restore older cuckoo clocks with these. 2-1/4" long x 2" wide tapering to 1".

No. 18203 Cloth \$20.00 pair

No. 18204 Leather \$30.00 pair

Cuckoo Material

Old Style Trapezoidal Bellows



Restore older cuckoo clocks with replacement bellows. Back opening. Sold in pairs.

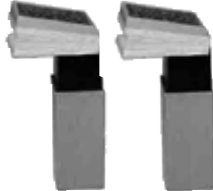
Cloth Covers

No. 18210	..... 6-1/8" Tall	\$45.00 pair
No. 18211	..... 6-1/2" Tall	\$45.00 pair
No. 18212	..... 6-3/4" Tall	\$45.00 pair

Leather Covers

No. 18207	..... 6-1/8" Tall	\$52.00 pair
No. 18208	..... 6-1/2" Tall	\$52.00 pair
No. 18209	..... 7" Tall	\$56.00 pair

Cuckoo Clock Bellows



Cuckoo bellows are sold in pairs except for the quail bellows. The size listed is the overall length including the top.

No. 10445 2-3/4" Quail Bellows	\$13.00 each (one piece)
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No. 17409 2-5/8" 1/4 Hour Horizontal	\$23.00 pair
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No. 17401 3-1/8" Back Opening	\$12.50 pair
No. 17402 3-1/8" Side Opening	

No. 17403 3-1/4" Back Opening	\$13.00 pair
No. 17404 3-1/4" Side Opening	

No. 10443 3-3/4" Back Opening	\$13.50 pair
No. 10444 3-3/4" Side Opening	

No. 10441 4-3/8" Back Opening	\$14.00 pair
No. 10442 4-3/8" Side Opening	

No. 10446 5-1/4" Back Opening	\$14.50 pair
No. 10447 5-1/4" Side Opening	

No. 17405 6" Back Opening	\$26.50 pair
No. 17406 6" Side Opening	

No. 10439 6-3/8" Back Opening	\$27.50 pair
No. 10440 6-3/8" Side Opening	

No. 17407 6-3/4" Back Opening	\$28.00 pair
No. 17408 6-3/4" Side Opening	

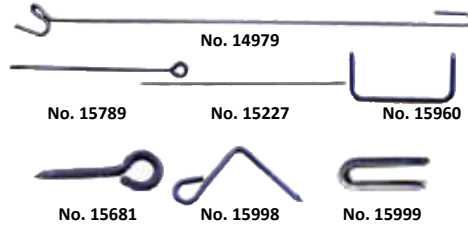
Horizontal Bellows



Pair of one horizontal and vertical bellows. Vertical bellows is 4-1/8" L. The horizontal bellows is 2-1/2" long. Both are side opening.

No. 18410		\$21.00 set
Vertical bellows is 4-3/8" L and back opening.		
Side opening horizontal bellows is 2-3/4" long.		
No. 18411		\$21.50 set

Cuckoo Clock Wire



No. 14979	.. 4-115mm Lift Wires	\$1.50 pack
No. 15789	... 6-38mm Bird Wires	\$1.50 pack
No. 15227	6-60mm Bellow Wires	\$1.50 pack
No. 15960	..... 12-Door Hinges	\$1.00 pack
No. 15681	..... 6-Loop Wires	\$1.50 pack
No. 15998	..... 8-Ring Nails	\$1.50 pack
No. 15999	..... 12-U Nails	\$1.00 pack

Cuckoo Clock Wire Assortment



32 assorted ring wires, lift wires, bellow wires, hinge wires, locking wires and door clamps.

No. 11209		\$9.00 each
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Cuckoo Bellows Wire


Use for bellows and other uses on cuckoo clocks. .048" diameter x 8" long.

No. 19354		75¢ each
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Cuckoo Bellows Lift Wire

No. 23511 2-1/4"	75¢ each
No. 23512 2-1/2"	
No. 23513 2-11/16"	
No. 23514 2-7/8"	
No. 23515	..... 3-1/16"
No. 23516	..... 3-1/4"
No. 23517	..... 3-7/16"
No. 23518	..... 3-9/16"
No. 23519	..... 3-3/4"
No. 23520	..... 4-1/8"
No. 10437	..... 4-15/16"
No. 33545	..... 6"


Cuckoo Bouncing Doll Spring

1-3/4" long.		\$3.00 each
No. 10460		

Cuckoo Clock Bird

	3" long. Grey/white plastic with mounting hardware.	\$3.50 each \$9.75/3 (\$3.25)
No. 10457		

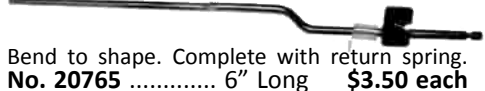
Cuckoo Clock Bird - Wood

	3-5/8" long with metal mount.	\$8.00 each
No. 17716		

Cuckoo Clock Bird - Wood

	Hand painted. Grey body and reddish head. 3-3/4" long. With metal mounting hardware.	\$12.50 each
No. 31031		

Cuckoo Bird Mounting Post

	Bend to shape. Complete with return spring.	\$3.50 each \$4.50 each
No. 20765 6" Long	
No. 20766 9" Long	

No. 01619 6" Long	\$3.00 each
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Cuckoo Bird Mounting Post - Closeout

Was \$5.00.		\$2.50 each
No. 01613 10-7/8" Long	


Mounting Post Spring

No. 20915		50¢ each
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Cuckoo Clock Back Doors - Wood

	Walnut stained. With mounted gong and base.	\$20.00 \$22.00 \$23.00 \$24.00
No. 20305	..... 4-1/8"W x 4-3/8"T
No. 20306	..... 4-3/4"W x 5-1/8"T
No. 20307	..... 5-1/4"W x 5-5/16"T
No. 20308	..... 6"W x 6-1/4"T

Cuckoo Clock Doors - Wood

	3/4" Wide x 1" Tall	\$1.00 each \$1.25 each \$1.50 each \$1.25 each \$1.50 each \$2.50 each \$1.25 each \$1.25 each \$1.50 each \$2.50 each \$12.00 pack
No. 17759	..... Brown
No. 17760	..... Green
No. 19468	..... Unfinished
15/16" Wide x 1-3/8" Tall		
No. 17761	..... Brown
No. 17762	..... Green
No. 19469	..... Unfinished
1-3/16" Wide x 1-5/8" Tall		
No. 17763	..... Brown
No. 17764	..... Green
No. 19470	..... Unfinished

Deer Heads - Wood

	Unfinished. Hand carved. No plastic eyes.	\$21.00 \$23.50 \$26.00 \$29.50
No. 10524	..... Ear To Ear Distance 2" Height 2"
No. 29131	..... 2-1/2" 2-3/4"
No. 10525	..... 3" 3-1/4"
No. 10526	..... 4" 4"

Cuckoo Material

Deer Eyes - Plastic



Dark amber. Sold in pairs.

No. 24711 ... 4mm Diameter	\$2.25 pair
No. 24712 ... 5mm Diameter	\$2.50 pair
No. 24713 ... 6mm Diameter	\$2.50 pair
No. 24715 ... 8mm Diameter	\$2.75 pair
No. 24717 ... 10mm Diameter	\$3.00 pair

Cuckoo Clock Deer Antlers - Plastic



Size listed is center of post to end of tip.

No. 15957 2-1/2" Long	\$5.00 pair
No. 10521 3-1/4" Long	\$5.50 pair
No. 29172 4" Long	\$7.00 pair
No. 10522 4-1/2" Long	\$8.50 pair

Cuckoo Clock Wood Antlers - Wood



Size listed is post to tip length. Unfinished.

No. 18456 2-1/2"	\$14.50 pair
No. 23765 3"	\$15.50 pair
No. 23766 4-3/4"	\$22.00 pair

Cuckoo Clock Figures - Plastic



No. 10541



No. 10542

Brightly painted.

No. 10541 Sitting Man 3/4" T	\$4.50
No. 10542 Bouncing Doll 2-1/4" T	\$4.50

Cuckoo Clock Dancing Couple - Wood



No. 33191



No. 10543

No. 33191 is brightly painted. No. 10543 is unfinished.

No. 33191 1-1/2" Tall	\$15.00 pair
No. 10543 1-3/8" Tall	\$6.50 pair

Cuckoo Clock Music Figures - Wood

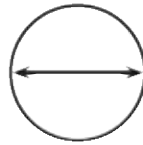


Set of 4 brightly colored hand painted figures. Tallest is 2-1/4".

No. 20237	\$24.00 set
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Cuckoo Clock Rubber O-Rings

Measurement indicates diameter



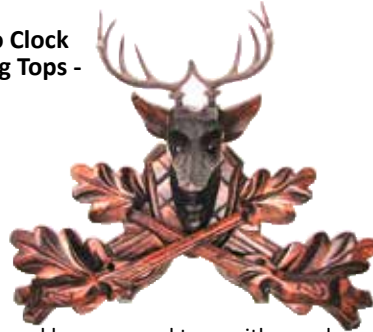
Black. Durometer reading of 70A.

	Dia. x Thick	
No. 20770	2-3/8" x 1/16"	\$1.25 each
No. 19320	3-1/8" x 1/16"	\$1.50 each
No. 19321	3-5/8" x 1/16"	\$2.00 each

No. 20768	1-5/8" x 3/32"	\$1.00 each
No. 20769	2-5/8" x 3/32"	\$1.50 each

No. 24673	1-1/4" x 1/8"	\$1.00 each
No. 24674	2-1/4" x 1/8"	\$1.50 each
No. 24676	3-1/2" x 1/8"	\$2.50 each
No. 24677	5-1/2" x 1/8"	\$5.00 each

Cuckoo Clock Hunting Tops - Wood



Hand carved brown wood tops with wood deer head and brown plastic antlers. Size is measured end to end.

No. 29409	7"	\$64.00 each
No. 16930	9-1/2"	\$80.00 each
No. 16929	12"	\$92.00 each

Cuckoo Clock Tops - Wood



Hand carved. Size measured from end to end.

No. 10792	6-3/4" Brown	\$23.00
No. 10793	6-3/4" Blonde	\$33.50
No. 19475 ...	6-3/4" Unfinished	\$22.00

No. 33133	7-3/8" Blonde	\$19.50
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No. 10434	8-1/4" Brown	\$25.00
No. 10794	8-1/4" Blonde	\$35.00
No. 19476 ...	8-1/4" Unfinished	\$24.00

No. 29254	9-1/2" Brown	\$29.50
No. 29255	9-1/2" Blonde	\$43.50

No. 10435	10-1/2" Brown	\$34.50
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No. 10436	11-1/2" Brown	\$38.00
No. 10796	11-1/2" Blonde	\$54.50

Cuckoo Clock Top Clip



Use to mount cuckoo clock top to the clock roof.

No. 22917	\$2.50 each
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Cuckoo Clock Top Bracket



To mount cuckoo tops. 3/8" wide x 5/8" long.
No. 15816 **50¢ each**

Cuckoo Clock Horn & Mouthpiece Sets - Wood



Walnut stain. Size shown is horn diameter.

No. 17420	1-1/8" 28mm	\$6.50 set
No. 17421	1-3/8" 35mm	\$6.75 set
No. 17422	1-5/8" 42mm	\$7.25 set
No. 17423	2-3/16" 55mm	\$8.50 set

Unfinished. Size shown is horn diameter.

No. 19471	1-1/8" 28mm	\$6.25 set
No. 19472	1-3/8" 35mm	\$6.50 set
No. 19473	1-5/8" 42mm	\$7.00 set
No. 19474	2-3/16" 55mm	\$8.25 set

Dancing Platform Assembly



2-11/16" dia. Brass gears and center arbor.
No. 33377 **\$12.50 each**

Central Wheels For Dance Platform



Mounting brackets fit Regula 25 1-day music movements. 58.25mm diameter.

No. 34033 .	For 24mm Platform	\$15.50
No. 34034 .	For 41mm Platform	\$15.50

Brass Crown Wheel For Dance Platform



Use on 24mm and 41mm Regula 25 music movement dance platform assemblies. Brass. 20 teeth. 2.0mm mounting hole diameter. 12.5mm overall diameter x 3.75 overall height.
No. 34035 **\$3.00 each**

Dials, Numerals & Related

Barometer Dials - Closeout



Beautifully screened brushed silver finish on aluminum. Black and red letters. OD x pointer track diameter shown. **Was \$12.00 - \$16.00.**

No. 00727	5-1/8" x 3-7/8" TT	\$6.00
No. 00728	6-3/8" x 4-7/8" TT	\$8.00

Fancy Aluminum Dial



Gold and silver. No bezel. Black numerals. 6-3/8" diameter x 5-1/2" time track. China.
No. 32606 **\$6.00 each**

Dials, Numerals & Related
Bezel, Dial, Glass Combinations



Not hinged. Must be mounted directly on the case. OD dimensions shown. Taiwan.

No. 29411	3-7/8" Arabic	\$24.00 each
No. 29412	3-7/8" Roman	\$24.00 each
No. 29413	5-1/8" Arabic	\$34.00 each
No. 29414	5-1/8" Roman	\$34.00 each
No. 29415	6-1/4" Arabic	\$36.50 each
No. 29416	6-1/4" Roman	\$36.50 each
No. 29417	7-7/8" Arabic	\$39.00 each
No. 29418	7-7/8" Roman	\$39.00 each

Embossed Bezel & Dial Assembly



Glass Not Included

4-1/2" white dial. Embossed brass center and surround. Embossed brass hinged 5-3/4" O.D. bezel. 3/8" center hole. Winding holes can be drilled. Unit requires a 5-3/8" opening. Flat glass not included but available.

No. 23697	Antique Finish	\$24.00
No. 23696	Bright Finish	\$24.00

Fancy Aluminum Dial



Gold and silver. No bezel. Black numerals. 6-3/8" diameter x 5-1/2" time track. China.

No. 32606	\$6.00 each
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Dial Pan Combinations - Economy



No. 32600

No. 32601

White dials on brass plated aluminum without bezels. China.

	OD	Time Track	
No. 32600	5"	4-1/4"	\$4.00
No. 32601	6-1/2"	5-3/4"	\$5.00

R & A Dials



Aluminum 6-1/2" OD bezel. White dial. Black numerals. Brass plated trim without bezel. 5-3/4" time track. 3/8" center hole.

No. 20326	Arabic	\$12.50 each
No. 20327	Roman	\$12.50 each

R & A Dials



Roman dials on brass plated aluminum. No bezels

	Bezel Diameter	Time Track	
No. 22703	4-7/8"	3-3/4"	\$13.50
No. 22704	5-7/8"	4-7/8"	\$14.50
No. 22705	6-1/4"	5-1/8"	\$17.00
No. 22706	7-1/16"	6"	\$18.00
No. 22726	8-3/8"	7"	\$22.00
No. 22707	10-1/2"	9-1/8"	\$23.50

Round Aluminum Dials - Off White



Center hole drilled.

	Dial Dia.	Time Track Dia.	
No. 13308	4"	3-3/4" Arabic	
No. 13309	4"	3-3/4" Roman	
\$4.50 each			
No. 13310	6"	5-1/2" Arabic	
No. 13311	6"	5-1/2" Roman	
\$6.00 each			
No. 13312	7-3/4"	7-1/4" Arabic	
No. 13313	7-3/4"	7-1/4" Roman	
\$7.50 each			

Round Aluminum Dials - Brass Tone



	Dial Dia.	Time Track Dia.	
No. 13316	4"	3-3/4" Arabic	
No. 13317	4-1/2"	4-3/16" Roman	
\$5.00 each \$14.25/ 3 (\$4.75)			
No. 13318	6"	5-1/2" Arabic	
No. 13319	6"	5-1/2" Roman	
\$6.50 each \$18.75/ 3 (\$6.25)			
No. 13321	7-13/16"	7-1/4" Roman	
\$10.00 each \$29.25/ 3 (\$9.75)			
No. 32737	11-3/4" x 10-5/16"	Arabic	\$10.00

Backwards Dial - Arabic



Black numerals on a white background. 6-1/2" OD with a 5-7/8" time track. Aluminum.

No. 12631	5-7/8" x 6-1/2"	\$4.50 each
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Cuckoo Clock Dials



Brown wood. White numerals.

No. 10504	2-1/4" Dia. 60mm	\$6.00
No. 10505	2-3/4" Dia. 70mm	\$6.25
No. 10506	3-1/8" Dia. 80mm	\$6.50
No. 10507	3-1/2" Dia. 90mm	\$7.25
No. 10508	4" Dia. 100mm	\$9.50
No. 10509	4-1/4" Dia. 110mm	\$10.50
No. 18751	4-3/4" Dia. 120mm	\$14.00
No. 18752	5-1/8" Dia. 130mm	\$15.50

Seth Thomas Paper Mantel Dials



For Adamantine and other Seth Thomas clocks. Arabic numerals. 4-1/2" diameter.

No. 22087	Ivory	\$1.00 each
No. 22086	White	\$1.00 each

Paper Dial Assortment



2" to 11" diameters. Plain, trademark, and calendar styles. White and ivory. 50-piece assortment. No choice of content. 25¢/dial.

No. 23723	\$12.50 pack
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Banjo Clock Steel Dial - Howard #5 Style



7-1/2" O.D. x 6-1/4" time track.

No. 13276	\$24.00 each
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Round Steel Dials



For #2 Regulator and school clocks with logo. White background with black numerals.

No. 13273	Arabic
No. 13274	Roman

2-5/16" Center To Center of 2nd Bit
 11-5/8" OD x 10-7/8" Time Track (30-Day)

No. 13275	Roman
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12-3/8" OD x 11-1/8" Time Track
 1-11/16" Center To Center of Second Bit

No. 13272	Arabic
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12-3/8" OD x 11-1/8" Time Track
 1-11/16" Center To Center of Second Bit

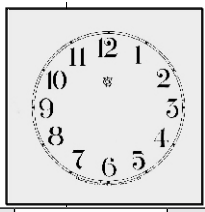
No. 13271	Roman
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12-3/8" OD x 11-1/8" Time Track
 1-15/16" Center To Center of Second Bit

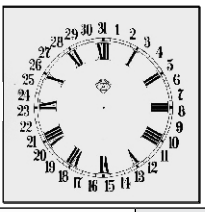
No. 13269	Arabic
No. 13270	Roman
\$24.50 each	

Trademark Paper Clock

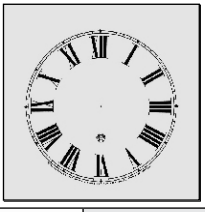
Time track diameter shown. Calendar dials are measured across the outer date numerals. Ivory dials have an off-white, antique appearance.



Arabic



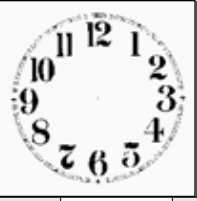
Calendar



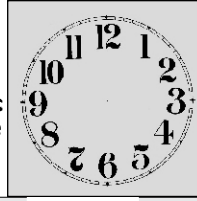
Roman

Dial Type	White 4-1/2"	Ivory 4-1/2"	White 5"	Ivory 5"	White 11"	Ivory 11"
Ansonia Roman	No. 12608	No. 22608	No. 12481	No. 22481	N/A	No. 22400
Ansonia Arabic	No. 12609	No. 22609	No. 12482	No. 22482	N/A	No. 22401
Gilbert Roman	N/A	N/A	No. 12484	No. 22484	N/A	N/A
Gilbert Arabic	N/A	No. 22613	No. 12485	No. 22485	N/A	N/A
Ingraham Roman	No. 12614	No. 22614	No. 12487	No. 22487	N/A	No. 22406
Ingraham Arabic	No. 12615	N/A	No. 12488	No. 22488	N/A	N/A
New Haven Roman	N/A	N/A	No. 12490	No. 22490	N/A	N/A
New Haven Arabic	N/A	N/A	No. 12491	No. 22491	N/A	N/A
Sessions Roman	No. 12618	No. 22618	No. 12493	No. 22493	N/A	No. 22412
Sessions Arabic	N/A	No. 22619	N/A	No. 22494	N/A	No. 22413
Seth Thomas Roman	No. 12620	No. 22620	No. 12496	No. 22496	N/A	N/A
Seth Thomas Arabic	No. 12621	No. 22621	No. 12497	N/A	N/A	N/A
Waterbury Roman	N/A	N/A	No. 12499	No. 22499	N/A	No. 22418
Waterbury Arabic	N/A	N/A	No. 12600	No. 22600	N/A	No. 22419
	\$1.25 each \$12.00/12 (\$1.00)		\$1.50 each \$15.00/12 (\$1.25)		\$2.25 each \$24.00/12 (\$2.00)	

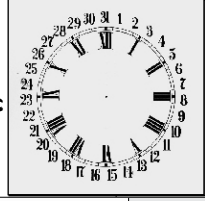
Dials-Plain (No Trademarks)



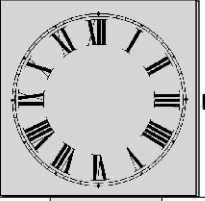
Arabic White



Arabic Ivory



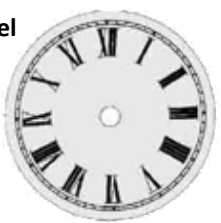
Calendar



Roman

Size	Antique/ Arabic White	Antique/		Roman/ White	Roman/ Ivory	Size	Arabic/ Ivory	Roman/ White	Roman/ Ivory	Arabic/ White	
		Arabic	White								
4"	N/A	N/A	N/A	No. 17429	No. 27109	7"	No. 22479	No. 12478	No. 22478	No. 12479	
4-1/4"	N/A	N/A	N/A	No. 22010	No. 22011	7-1/2"	N/A	No. 17701	N/A	N/A	
4-1/2"	N/A	N/A	No. 12627	N/A	No. 12626	No. 22626	8"	No. 27126	N/A	N/A	
5"	No. 22068	No. 22069	No. 12606	No. 22606	No. 12605	No. 22605	9"	No. 27130	No. 12451	No. 27131	
5" Calendar	N/A	N/A	N/A	N/A	No. 12607	No. 22607	10"	No. 27133	N/A	N/A	
5-1/4"	N/A	N/A	N/A	No. 22033	No. 22014	No. 22015	11"	No. 22425	No. 12424	No. 22424	
5-1/2"	N/A	No. 22071	No. 17696	N/A	No. 17431	No. 27117	11" Calendar	N/A	No. 12426	No. 22426	
From 4" through 4-1/2"			From 4-3/4" through 7-1/2"				From 8" through 12"				
\$1.25 each \$12.00/ 12 (\$1.00)			\$1.75 each \$18.00/ 12 (\$1.50)				\$2.25 each \$24.00/ 12 (\$2.00)				

Round Steel Dials



Screened white dial. Black Roman numerals.

Dial	Time Track	Size	Dia.	
No. 11267	6-1/2"	5"		\$15.00
No. 11266	7"	5-1/2"		\$15.00
No. 11265	7-1/2"	5-1/2"		\$15.00

German Box Clock Dials



Aluminum. Black numerals. 7-3/4" dials fit our German box clock bezel on Page 8.

	Brass Finish		Silver Finish
No. 23098	6-7/8" Arabic		\$18.00
No. 23097	6-7/8" Arabic		\$19.00

Square Aluminum Dials



Brass and silver colored aluminum dials.

Dial	Time Track	Dia.	Track Dia.	
No. 13324	6"	5-1/2" Roman		\$9.00
No. 13325	7-7/8"	5-3/4" Arabic		\$10.00
No. 13326	7-7/8"	5-3/4" Roman		\$10.00

Dials, Numerals & Related

Square Steel Dials



White with black Roman numerals.

	Dial Size	Time Track Dia.	
No. 11264	6-1/4"	5"	\$14.00
No. 11263	6-3/4"	5"	\$14.00
No. 11262	6-3/4"	5-1/2"	\$14.00
No. 33067	7"	5"	\$14.00
No. 33068	7"	5-1/2"	\$14.00
No. 11261	7-1/4"	5-1/2"	\$14.00

"OG" Steel Dials



Black numerals. Off white background. Green and red corners. Pie crust center opening.

	Time Track	
No. 13278	7-1/4" Square	\$17.50 each
No. 13277	8" Time Track	\$17.50 each
No. 13277	9-1/2" Square	\$17.50 each

Steeple Dials - Steel



Black numerals. Off white background.

No. 13280	5-3/4" Wide x 8" Tall	\$14.00
No. 13279	4-1/8" Time Track	\$14.00
No. 13279	6-1/2" Wide x 9-1/4" Tall	\$14.00
No. 13279	5" Time Track	\$14.00

Tempus Fugit Dial



Black Roman numerals on white dial ring. 6" square. 5" time track. 8" overall height. "Made in Germany" designation at dial bottom. Brass and black color screened on aluminum.

No. 01511 \$9.00 each

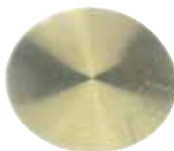
Tempus Fugit Arch Dial - Closeout



6" W x 8" T x 1/32" thick. 5" time track. Brushed silver disc and chapter ring. Brass background. Black numerals and markers. Was \$18.00.

No. 33542 \$9.00 each

Spun Aluminum Discs - Closeout



2-5/8" diameter x .014" thick aluminum. Brass finish on one side, silver finish on the other. Use on dials, pendulums, case decorations, craft projects, etc. Was 50¢.

No. 00365 20¢ each \$1.00/ 6 pieces

Tempus Fugit Ivory Roman Dial



143mm square x 197mm tall overall brushed silver finished aluminum dial. 4-5/16" brush silver time track. Center and spandrel screened gold vines and on both sides of the 1-7/16" ivory Tempus Fugit circle. "Hermle" above 9mm center hole. 9mm winding arbor holes on 2" centers. Used on Hermle Quartz Model #22880Q170809, but can use on others. "Made in Germany" at dial bottom. Was \$20.00.

No. 90065 \$10.00 each

Dial Mask



Etched aluminum. China.

No. 32859 .. Gold 5-1/8" OD \$4.50 each

Time & Tide Dial



8" aluminum dial for time and tide movement No. 29819 on page #66. Black Arabic numerals on white background.

No. 34204 \$5.00 each

Dial Adhesive



For gluing paper dials to dial pans. A light coat is all you need. Must ship via ground. 10-1/2 oz.

No. 13725 \$13.50 each

Bondini® Glue



Exceptional bonding strength. Bonds in seconds. Works on porous, non-porous, and uneven surfaces. Works on oily and dirty surfaces without cleaning. Fills gaps. Use on metals, leather, ceramics, wood, jewelry, fabrics, etc. Xtreme-3®. Xtreme-3®. 3g Tube.

No. 29925 \$5.00 each

Dial Enamel Paste-Bergeon



White enamel for repairing dials. Heat compound on smooth clean steel spatula until just soft. Press into chip and let cool. Razor off excess and polish. 16 grams.

No. 18484 \$25.00 each

Dial Shellac Stick - Black



For filling numerals on dials. 1/2" square, 5-1/4" long. Works best at 180°C/360°F.

No. 18948 \$12.50 each

Winding Arbor Locator



Place over the winding arbors to properly locate movement. 5.5mm ID x 1-1/8" long.

No. 23153 \$1.25 each

Dial Cutter



Adjustable. Cuts circles from 2" to 16". Ideal for paper and aluminum dials. 2 blades included.

No. 13477 \$16.00 each

Dial Cutter Blades

Four blades per pack.

No. 13481 \$2.50 pack

Dial Mounting Feet



Set of 4 nickeled feet. 5mm diameter x 20mm long with tapered pins.

No. 17435 \$10.00 set

Dial Screw Assortment - 40 Pieces



Wood Screws. 4 each of #0, #1, #2, #3, and #4 sizes. All are 3/8" long slotted brass round and flat heads. In a labeled partitioned box.

No. 32196 \$10.00 pack

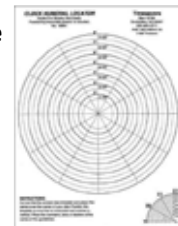
Dial Screw Assortment - 20 Pieces



Machine screws. 4 each of #0, #1, #2, #3 and #4 sizes. All are 3/8" long slotted stainless steel fillister heads. In a labeled partitioned box.

No. 32197 \$8.00 each

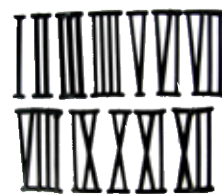
Dial Template



Positions numerals when making a clock dial. From 1-1/2" to 8" diameters.

No. 16941 30¢ each

Black Plastic Roman Numerals



Black plastic Roman numeral set. 42mm tall. Must be glued in place. China.

No. 32570 \$6.50 set

Dials, Numerals & Related
Numerals, Dots and Bars-Gold Plastic



Raised gold self-adhesive. 12 per set.
No. 10611 3/8" Arabic Numerals
No. 10612 1/2" Arabic Numerals
No. 10614 3/4" Arabic Numerals
No. 10616 1" Arabic Numerals

No. 10622 5/8" Bar
No. 10623 3/4" Bar
No. 10624 1" Bar
No. 10618 1/4" Dot
No. 10619 3/8" Dot

No. 10604 3/8" Roman Numerals
No. 10605 1/2" Roman Numerals
No. 10606 5/8" Roman Numerals
No. 10607 3/4" Roman Numerals
No. 10609 1" Roman Numerals
\$1.50 set

Numerals Sets - Brass



Milled numeral sets. Polishing required.
Arabic
No. 20939 10mm Tall **\$16.00 set**
No. 20940 12mm Tall **\$17.00 set**
No. 22630 20mm Tall **\$17.50 set**
No. 22631 25mm Tall **\$18.50 set**
No. 22632 30mm Tall **\$19.50 set**
No. 29313 40mm Tall **\$23.00 set**

Roman
No. 20941 10mm Tall **\$16.00 set**
No. 22633 15mm Tall **\$17.00 set**
No. 22635 20mm Tall **\$19.00 set**
No. 22636 25mm Tall **\$24.50 set**
No. 22637 30mm Tall **\$26.50 set**

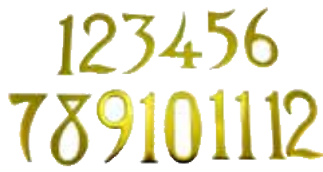


No. 34154 24mm Roman **\$5.50 set**
No. 32561 27mm Roman **\$6.00 set**

Numerals Sets



No. 32562 25mm Arabic **\$5.50 set**



Brass finish on aluminum. China.
No. 32817 20mm Arabic **\$4.50 set**
No. 32563 33mm Arabic **\$6.00 set**

Cartouche Numeral Sets - Closeout



20mm (.787") black numerals against brushed silver background. 1.6mm (.0625") thick. Shields are 30mm (1.118") tall x 24.0mm (.945") wide. Germany. **Was \$45.00.**
No. 33569 **\$22.50 set**
 37mm Roman numeral set. Elegant German made set has 25mm (1") tall black numerals against a brushed brass background. Screened on 1.6mm (.0625") thick brass. The shield measures 37mm (1.457") tall x 29.0mm (1.114") wide at the widest point. **Was \$46.00. While supplies last.**
No. 34161 **\$23.00 set**

30mm Fancy Cartouche Roman Numeral Set



Outer surround is brass finished aluminum and style may vary slightly. 14mm tall Black numerals against white background. Overall height is 30mm (1.181"). China.
No. 34139 **\$8.50 set**

45mm Numeral Sets



Brass finish aluminum. White center. Black numerals. 45mm height. 20.5mm tall numerals.
No. 34140 Arabic **\$10.00 set**
No. 34141 Roman **\$10.00 set**

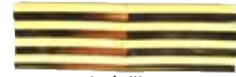
**Open Monday through
 Friday, 8am to 4pm.
 Mountain
 Standard Time.**

Numerals Set - Mission Clock



Antique gold finish.
No. 19916 3/4" Tall **\$18.50 set**

Numerals Markers - Brass - Closeout



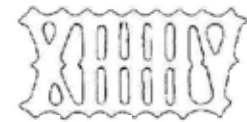
Solid brass. 2.5mm (1/8") square x 40mm (1-1/2") long. Germany. 4-piece set. **Was \$2.50.**
No. 33215 **\$1.00 set**

Numerals Markers - Brass - Closeout



Milled. Self-adhesive 4-piece set. Place at the 3, 6, 9 and 12 positions. Each strip has 4 sections. Each section measures 12mm tall x 12mm wide x 2.5mm thick (.472" x .472" x .100). The unusual grooved deco design reflects light and shimmers when viewed from different angles. **Was \$7.50.**
No. 01304 **\$3.75 set**

Cuckoo Clock Numerals - Plastic



Sets of 12 white plastic numerals.
No. 17432 9mm Tall **\$1.25 set**
No. 17433 11mm Tall **\$1.50 set**
No. 10513 12mm Tall **\$1.75 set**
No. 10514 14mm Tall **\$2.00 set**
No. 10515 16mm Tall **\$2.25 set**
No. 10517 20mm Tall **\$2.50 set**
No. 10519 24mm Tall **\$2.75 set**

Cuckoo Clock Numeral Assortment

7 sets of plastic cuckoo numerals I through XII. 9mm to 24mm tall.
No. 11508 **\$10.50 set**

Cuckoo Clock Numeral Sets-Wood



Complete sets of 12 wood numerals.
No. 19307 12mm Tall **\$2.00 set**
No. 19308 14mm Tall **\$2.25 set**
No. 19309 16mm Tall **\$2.50 set**
No. 19310 20mm Tall **\$3.00 set**
No. 19311 24mm Tall **\$4.00 set**
No. 19312 28mm Tall **\$5.00 set**

Electric Clock Material

Bulle Silver Plated Contact Spring



0.15mm wire diameter. Silver plated copper spring. 4mm end loop. 2mm diameter coils. One end is attached to end of the fork arbor, the other by an adjustable brass strip. Arbor has silver groove in which the spring's large loop end, rolls on each side-to-side movement of the pendulum. When attaching a new spring, do not stretch as it will distort easily. The straight end should be attached first and adjusted until the loop end loops over the groove with no stretching.
No. 23803 **\$33.50 each**

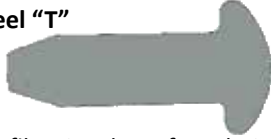
Electric Clock Material

Bulle Isochronism Spring



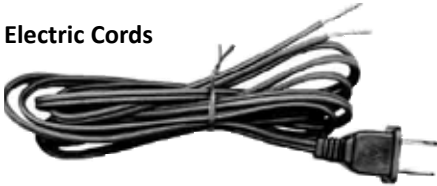
0.15mm diameter wire with 2 half end coils at right angles. Springs compensate for variations in battery voltage and temperature. C902 steel is a nickel-iron-chromium alloy
No. 23804 \$39.50 each

Bulle Steel "T"



Prevents fiber insulator from being pierced by the brass plug. 8.15mm long.
No. 32119 \$2.00 each

Electric Cords



6' long 2-prong cord.
No. 19898 Brown \$3.50 each
No. 19503 White \$3.50 each

Cord & Plug - Antique Style



10-foot rayon covered parallel cord set with early ribbed style plug. Copper-capped wire tips. Plastic insulation covers stranded wire.
Not UL listed.
No. 32044 Brown Cord \$29.00 each
No. 33752 Gold Cord \$29.00 each

Rayon Covered Electrical Cord



Antique style replaces worn or defective cord. Sold by the foot. Please specify the length.
No. 20761 Brown \$2.50 per foot
No. 20758 Gold \$2.50 per foot

Antique Style Plugs



No. 30497 (Brown) **No. 30498 (Black)**

2-prong dark brown embossed acorn and oak leaf early American design. 1.33" dia, x .67" height. With insulator and polarized prongs.
\$6.00 each

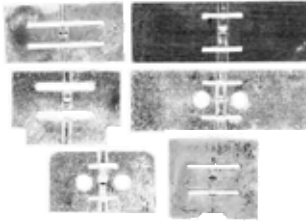
Plug Insulator



Fits early 20th century style plugs. 1.055" diameter dielectric paper board.
No. 23090 \$1.00 each

Fans

Fan Assortment - Brass



Pack includes six different fans.
No. 14334 \$7.50 pack

Strike Fan - Hermle - Closeout



35.75mm (1-13/32") long arbor and pinion. 23mm wide x 25mm tall. For various Hermle movements. **Was \$7.50.**
No. 00056 \$3.50 each

Tall Case Fan - Cast Brass



For English and American clocks. 1-9/16" W x 1-1/8" H. 2-5/8" long arbor with lantern pinion.
No. 18385 \$14.25 each

Glass, Domes & Tools

Miniature Beehive Night Light Glass Shade



Fits Gran Vals Time Lamp, Weaver Time Lamp, Little Beauty Night Lamp, Comet Night Lamp and others. .190" height x .180" diameter at widest point. Small end opening measures .1165" OD x .090" ID. Large end opening measures .1255" OD x .1085" ID and slightly thicker than originals. **Painted colors, for decorative use only.**
No. 01545 Blue \$7.50 each
No. 01546 Green \$7.50 each
No. 01547 Red \$7.50 each
No. 01548 White \$7.50 each

Night Light Globe

Base Not Included

Used on French night light clocks. 4" diameter milk glass. Black Roman numerals. Bottom opening is 1-7/8" diameter. Top opening is 2-1/16" diameter. 3-1/4" tall.
No. 33177 \$45.00 each



Bulle Glass Dome



Clock
 Not
 Included



Exclusive! This dome fits the "A Type" Bulle clock and others. 180mm outside diameter x 345mm tall (7-1/16" x 13-9/16" approx.).
No. 14011 \$80.00 each

Tiffany Never Wind Glass Dome



Clock
 Not
 Included



Exclusive! This dome fits the large Double Contact Tiffany Never Wind clock but can be used on other clocks. 165mm outside diameter x 279mm tall (6-1/2" x 11" approx.).
No. 14012 \$65.00 each

Clock Domes - Glass



Clear round glass domes.
No. 14004 3" D x 4-1/4" H \$6.50 each \$25.00/ 4 (\$6.25)
No. 14001 4" D x 7" H \$9.50 each \$37.00/ 4 (\$9.25)
No. 14003 4-5/8" D x 8" H \$15.00 each \$58.00/ 4 (\$14.50)
No. 14002 5-1/2" D x 9" H \$75.00 each
No. 14010 5-1/2" D x 10" H \$25.50 each \$100.00/ 4 (\$25.00)
No. 14000 5-1/2" D x 11" H \$26.50 each \$104.00/ 4 (\$26.00)
No. 14012 6-1/2" D x 11" H \$60.00 each
No. 14011 7-1/16" D x 13-9/16" H \$80.00 each
No. 19673 7-1/2" D x 16" H \$196.00 each

Wood Bases



Walnut stained hardwood bases for domes.
No. 19773 For 3" Dome \$5.25
No. 19774 For 4" Dome \$5.50
No. 23278 For 4-5/8" Dome \$5.75
No. 19776 For 5-1/2" Dome \$8.00
Oak Base
No. 34196 For 3" Dome \$9.50

Glass, Domes & Tools

Watch Display Dome - Glass

Watch
Not
Included



Dome with stained hardwood base and removable brass hook. Felt pad prevents sliding and protects furniture. 3" D x 4- 1/2" T.

No. 32144 Oak Base \$15.00 each
No. 14008 Walnut Base \$13.50 each
\$39.75/ 3 (\$13.25)

Watch Display Dome - Plastic

Watch
Not
Included



Economical clear acrylic dome with brass hook on a black acrylic base.

No. 17456 3-1/4" Dia. x 4-5/8" Tall \$14.00 each
No. 20008 4" Dia. x 5-1/2" Tall \$15.00 each

Brass Mounting Post For Display Dome



Used on our #14008 and #32144 domes, but can be used on others. 175" diameter wire x 3-3/4" overall height. Hang pocket watches and other display items on this post.

No. 34251 \$1.50 each

Oval Convex Glass - Revere



No. 14109 5-13/16" x 4-1/4" \$9.50 each

Watch Crystal Assortment



250 pieces. High domed unbreakable plastic crystals. 10 each of 25 different common diameters. 19.0mm to 23.6mm. India.

No. 30455 \$50.00 pack

Pam-Ad Clock Convex Glass



High dome. Flattened center. 14-3/8" diameter.
No. 33175 \$32.00 each \$94.50/3 (\$31.50)

Beveled Round Flat Glass



3mm thick with a beveled finished edge. Dimension shown is outside diameter. Order any 3 pieces and deduct 25¢ each.

Diameter	Part #	Price
3-1/2"	No. 33087	\$5.50
3-9/16"	No. 33088	\$5.75
3-5/8"	No. 33089	\$6.00
3-11/16"	No. 33090	\$6.25
3-3/4"	No. 33091	\$6.50
3-13/16"	No. 33092	\$6.75
3-7/8"	No. 33093	\$7.00
3-15/16"	No. 33094	\$7.25
4"	No. 33095	\$7.50
4-1/16"	No. 33096	\$7.75
4-1/8"	No. 33097	\$8.00
4-3/16"	No. 33098	\$8.25
4-1/4"	No. 33099	\$8.50
4-5/16"	No. 33100	\$8.75
4-3/8"	No. 33101	\$9.00
4-7/16"	No. 33102	\$9.25
4-1/2"	No. 33103	\$9.50
4-9/16"	No. 33104	\$9.75
4-5/8"	No. 33105	\$10.00
4-11/16"	No. 33106	\$10.25
4-3/4"	No. 33107	\$10.50
4-13/16"	No. 33108	\$10.75
4-7/8"	No. 33109	\$11.00
4-15/16"	No. 33110	\$11.25
5"	No. 33111	\$11.50
5-1/8"	No. 33112	\$11.75
5-1/4"	No. 33113	\$12.00
5-3/8"	No. 33114	\$12.25
5-1/2"	No. 33115	\$12.50
5-5/8"	No. 33116	\$12.75
5-3/4"	No. 33117	\$13.00
5-7/8"	No. 33118	\$13.25
6"	No. 33119	\$13.50
6-1/4"	No. 33120	\$13.75
6-1/2"	No. 33121	\$14.00
6-3/4"	No. 33122	\$14.25
7"	No. 33123	\$14.50

High Dome Round Convex Glass



Glass less than 5" diameter has an inside depth from .394" to .472" (10mm to 12mm)

Glass 5" thru 6-1/4" diameter has an inside depth from .472" to .709" (12mm to 18mm)
Combine any 3 pieces and deduct 25¢ each
Combine any 12 pieces and deduct 50¢ each

Diameter	Part #	Price
2-19/32"	No. 33009	\$4.25
2-3/4"	No. 33010	\$4.25
2-15/16"	No. 33011	\$4.25
3"	No. 33012	\$4.50
3-1/8"	No. 33013	\$4.50
3-3/16"	No. 33014	\$4.50
3-1/4"	No. 33015	\$4.50
3-5/16"	No. 33016	\$4.50
3-3/8"	No. 33017	\$4.50
3-1/2"	No. 33018	\$4.50
3-5/8"	No. 33019	\$4.50
3-11/16"	No. 33020	\$4.50
3-3/4"	No. 33021	\$4.50
3-7/8"	No. 33022	\$4.50
3-15/16"	No. 33023	\$4.50
4"	No. 33024	\$4.50
4-1/8"	No. 33025	\$4.50
4-3/16"	No. 33026	\$4.50
4-1/4"	No. 33027	\$4.50
4-5/16"	No. 33028	\$4.50
4-3/8"	No. 33029	\$4.50
4-7/16"	No. 33030	\$4.50
4-1/2"	No. 33031	\$4.50
4-5/8"	No. 33032	\$4.50
4-3/4"	No. 33033	\$4.50
5"	No. 33034	\$4.75
5-1/8"	No. 33035	\$4.75
5-3/16"	No. 33036	\$4.75
5-1/4"	No. 33037	\$4.75
5-5/16"	No. 33038	\$4.75
5-3/8"	No. 33039	\$4.75
5-1/2"	No. 33040	\$4.75
5-5/8"	No. 33041	\$4.75
5-3/4"	No. 33042	\$4.75
5-7/8"	No. 33043	\$4.75
6"	No. 33044	\$5.00
6-1/8"	No. 33045	\$5.00

Convex & Flat Round Glass

Note: Custom diameters and thicknesses can be special ordered in quantities of 25 pieces or more. Call for pricing and delivery.



Timesavers has the largest selection of glass in the trade!

2" to 14" glass is 2.0mm (.079") thick. Over 14" is 3.0mm (.118") thick.

Combine any 3 and deduct 25¢ each. Combine any 12 and deduct 50¢ each.

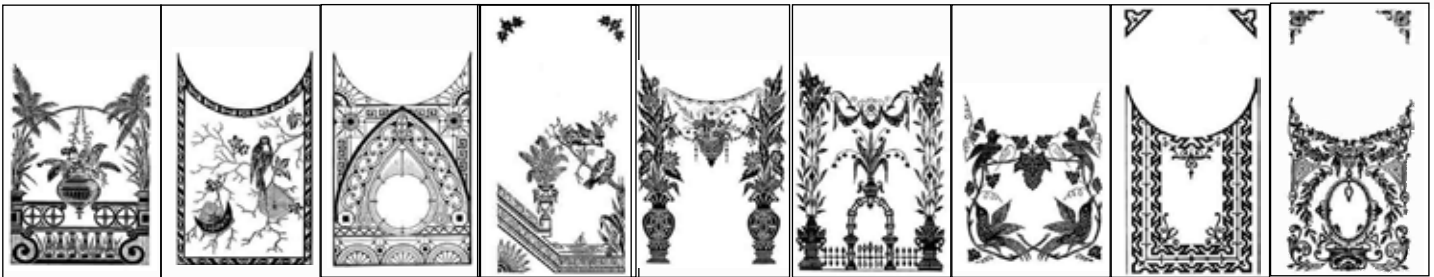
Diameter	Flat Glass	Convex Glass	Diameter	Flat Glass	Convex Glass	Diameter	Flat Glass	Convex Glass
1-7/8"	N/A	No. 32179	4-5/8"	No. 14133	No. 14062	8"	No. 34225	No. 14104
1-15/16"	N/A	No. 32324	4-11/16"	No. 14134	No. 14063	8-1/8"	No. 14151	No. 14105
2"	No. 14111	No. 14020	4-3/4"	No. 14135	No. 14064	8-1/4"	N/A	No. 14106
2-1/16"	N/A	No. 14021	4-13/16"	N/A	No. 14065	8-3/8"	N/A	No. 14107
2-1/8"	No. 14112	No. 14022	4-7/8"	No. 14136	No. 14066	8-1/2"	No. 17769	No. 14108
2-3/16"	N/A	No. 14023	4-15/16"	N/A	No. 14067	8-5/8"	N/A	No. 32960
2-1/4"	No. 14113	No. 14024	5"	No. 14137	No. 14068	8-3/4"	N/A	No. 29595
2-5/16"	N/A	No. 14025	5-1/16"	N/A	No. 14069	8-7/8"	N/A	No. 32880
2-3/8"	No. 14114	No. 14026	5-1/8"	No. 14138	No. 14070	9"	No. 29781	No. 14160
2-7/16"	No. 14115	No. 14027	5-3/16"	N/A	No. 14071	9-1/4"	N/A	No. 29596
2-1/2"	No. 14116	No. 14028	5-1/4"	No. 14139	No. 14072	9-1/2"	No. 29782	No. 18412
2-9/16"	N/A	No. 14029	5-5/16"	N/A	No. 14073	9-3/4"	No. 14152	No. 29516
2-5/8"	No. 14117	No. 14030	5-3/8"	No. 14140	No. 14074	9-7/8"	N/A	No. 32881
2-11/16"	N/A	No. 14031	5-7/16"	N/A	No. 14075	10"	No. 29783	No. 14161
2-3/4"	No. 14118	No. 14032	5-1/2"	No. 14141	No. 14076	10-1/8"	No. 14153	No. 29786
2-13/16"	N/A	No. 14033	5-9/16"	N/A	No. 14077	10-1/4"	No. 29784	No. 29517
2-7/8"	No. 14119	No. 14034	5-5/8"	No. 14142	No. 14078	10-1/2"	No. 29527	No. 18413
2-15/16"	N/A	No. 14035	5-11/16"	N/A	No. 14079	10-5/8"	N/A	No. 32882
3"	No. 14120	No. 14036	5-3/4"	No. 14143	No. 14080	10-3/4"	No. 29785	No. 29518
3-1/16"	N/A	No. 14037	5-13/16"	N/A	No. 14081	10-7/8"	No. 33712	N/A
3-1/8"	No. 14121	No. 14038	5-7/8"	No. 14144	No. 14082	11"	No. 29528	No. 14163
3-3/16"	No. 32180	No. 14039	5-15/16"	N/A	No. 14083	11-1/4"	N/A	No. 29519
3-1/4"	No. 14122	No. 14040	6"	No. 14145	No. 14084	11-1/2"	No. 29529	No. 18414
3-5/16"	N/A	No. 14041	6-1/16"	N/A	No. 14085	11-3/4"	N/A	No. 29520
3-3/8"	No. 14123	No. 14042	6-1/8"	No. 14146	No. 14086	11-7/8"	No. 14154	No. 29787
3-7/16"	N/A	No. 14043	6-3/16"	N/A	No. 14087	12"	No. 29691	No. 14165
3-1/2"	No. 14124	No. 14044	6-1/4"	No. 14147	No. 14088	12-1/4"	N/A	No. 29521
3-9/16"	N/A	No. 14045	6-5/16"	N/A	No. 14089	12-3/8"	No. 14155	No. 29788
3-5/8"	No. 14125	No. 14046	6-3/8"	No. 17770	No. 14090	12-1/2"	No. 29692	No. 18415
3-11/16"	N/A	No. 14047	6-7/16"	N/A	No. 14091	12-3/4"	N/A	No. 29522
3-3/4"	No. 14126	No. 14048	6-1/2"	No. 17766	No. 14092	13"	N/A	No. 29597
3-13/16"	N/A	No. 14049	6-5/8"	N/A	No. 14093	13-3/8"	N/A	No. 32961
3-7/8"	No. 14127	No. 14050	6-3/4"	No. 14148	No. 14094	13-3/4"	N/A	No. 32962
3-15/16"	N/A	No. 14051	6-7/8"	N/A	No. 14095	14"	N/A	No. 18493
4"	No. 14128	No. 14052	7"	No. 17767	No. 14096	14-3/8"	N/A	No. 29523
4-1/16"	N/A	No. 14053	7-1/16"	N/A	No. 32959	15"	N/A	No. 29524
4-1/8"	No. 14129	No. 14054	7-1/8"	N/A	No. 14097 No.	15-1/4"	N/A	No. 32963
4-3/16"	No. 00052	No. 14055	7-1/4"	No. 14149	14098	15-7/16"	No. 32756	No. 29525
4-1/4"	No. 14130	No. 14056	7-3/8"	N/A	No. 14099	18"	N/A	No. 00050
4-5/16"	No. 00051	No. 14057	7-1/2"	No. 17768	No. 14100	18-3/8"	N/A	No. 29526
4-3/8"	No. 14131	No. 14058 No.	7-5/8"	N/A	No. 14101	<p>NOTE: We ship glass internationally but customer assumes breakage risk!!</p>		
4-7/16"	N/A	14059	7-3/4"	N/A	No. 14102			
4-1/2"	No. 14132	No. 14060	7-7/8"	No. 14150	No. 14103			
4-9/16"	N/A	No. 14061						

Convex Glass Pricing		Convex Glass Pricing		Flat Glass Pricing		Flat Glass Pricing		Glass less than 5" diameter has an inside depth less than .394" (10mm or less)
1-7/8"-3-7/16"	\$3.75 each	11"-11-7/8"	\$12.75 each	2"-2-7/8"	\$2.50 each	8" to 8-3/4"	\$6.75 each		Glass 5" thru 8" outside diameter has an inside depth between .394" to .591" (10mm to 15mm)
3-1/2"-5-15/16"	\$4.25 each	12"-12-3/4"	\$13.00 each	3"-3-7/8"	\$2.75 each	9" to 9-3/4"	\$7.00 each	
6"-6-7/8"	\$4.75 each	13"-13-3/4"	\$14.00 each	4"-4-11/16"	\$3.00 each	10" to 10-3/4"	\$7.50 each	
7"-7-7/8"	\$5.50 each	14"-14-3/8"	\$20.00 each	4-3/4"-5-15/16"	\$3.50 each	11" to 11-7/8"	\$7.75 each	
8"-8-7/8"	\$12.00 each	15"-15-7/16"	\$22.50 each	6"-6-7/8"	\$4.50 each	12"-12-3/4"	\$8.00 each	
9"-9-7/8"	\$12.25 each	18"-18-3/8"	\$32.50 each	7" to 7-7/8"	\$5.00 each	15-7/16"	\$17.50 each	
10"-10-3/4"	\$12.50 each							

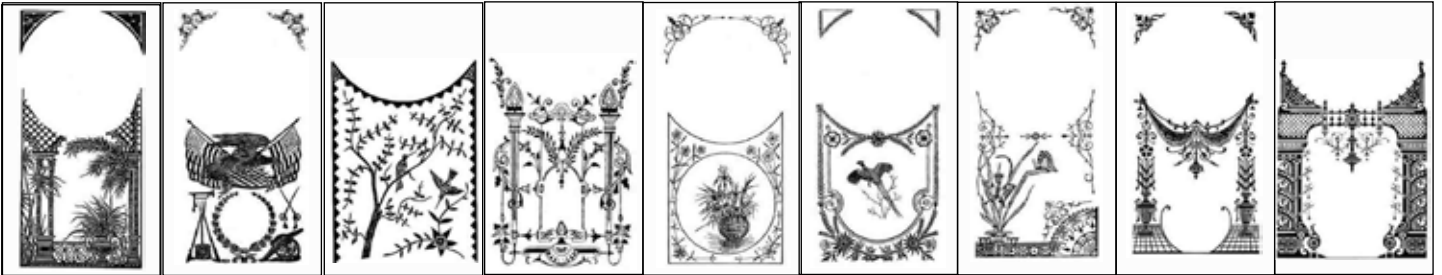
M.L. Shibley Quality 8" x 14" Kitchen Clock Glass

Timesavers acquired the M. L. Shibley Company, manufacturer of quality reproduction clock glass. Our kitchen clock glass measures 8" wide x 14" tall x .07" thick. The actual image size and manufacturer is indicated.

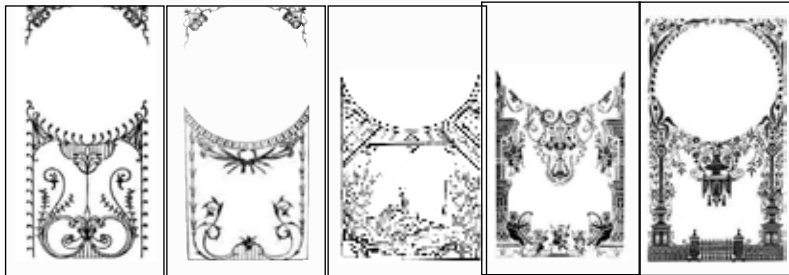
Gold: \$17.50 each Silver: \$18.50 each



Ansonia No. 30102 Gold 6"W x 7"H	Ansonia No. 30109 Gold 5-7/8" W x 7"H	Ansonia No. 30120 Gold 6"W x 7"H	Gilbert No. 30125 Gold 6-1/4"W x 7-1/2"H	Gilbert No. 30136 Gold 5-3/4"W x 6-1/2"H	Gilbert No. 30138 Gold 5-3/4"W x 6-7/8"H	Gilbert No. 30142 Gold 5-3/4"W x 5-3/8"H	Ingraham No. 30152 Gold 6-1/8"W x 6-3/8"H	Ingraham No. 18237 Gold 5-3/4"W x 6-1/8"H
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Ingraham No. 30165 Gold 5-7/8"W x 6-3/8"H	Ingraham No. 30171 Gold 5-5/8"W x 6-3/8"H	Ingraham No. 30178 Gold 5-1/2"W x 6"H	Ingraham No. 18244 Gold 5-1/2"W x 6-1/2"H	New Haven No. 30195 Gold 5-3/4"W x 6-1/8"H	New Haven No. 18243 Gold 5-1/4"W x 5-3/4"	Sessions No. 18240 Gold 6"W x 6-1/8"	Seth Thomas No. 18236 Gold 6-1/2"W x 7"	Seth Thomas No. 30227 Gold 6-3/8"W x 6-3/4"
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Waterbury No. 18239 Gold 5-7/8"W x 6"H	Waterbury No. 30232 Gold 5-3/4"W x 5-5/8"H	Waterbury No. 30242 Gold 6-3/8"W x 7"H	E. N. Welch No. 30259 Gold 5-3/4"W x 7"H	Universal No. 18241 Gold 6-5/8"W x 6-1/8"H
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Regulator Glass For Japanese Clocks
Gold on clear glass.
5" W x 8"H x .07"T
No. 30075 \$4.00

Long Drop Regulator Glass

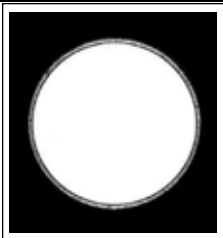
Designs on clear glass. The overall glass size is 8" wide x 14" tall x .07" thick.

 No. 18245 Gold	 No. 18246 Gold
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\$12.50 each

Store Regulator Glass

Screened on 14" wide x 16" tall x .07" thick glass.



No. 18247 12" Circle
No. 30090 11-1/2" Circle
\$29.50 each
Gold Ring Black



No. 30091 ... \$29.50
Gold
9-5/8" wide x 9-5/8" tall



No. 18249 ... \$29.50
Gold
11-1/2" wide x 11-1/2" tall



No. 18251 ... \$29.50
Gold On Black Background
12-1/2" wide x 11-1/2" tall



No. 18250 ... \$29.50
Gold
11-1/2" wide x 11-1/2" tall



No. 18252 ... \$29.50
Clear Lettering On Gold
11" wide x 10-1/2" tall



No. 30094 ... \$29.50
Gold
10-3/4" wide x 10-1/2" tall

8" x 10" OG Glass Glass

For OG and 1/2 column clocks. Each glass measures 8" wide x 10" tall x .07" thick.



No. 30020
Gold \$16.00



No. 30016
Gold \$16.00



No. 30024
Gold \$16.00



No. 30018
Gold \$16.00

Trademarks, Numerals, Markers & Second Bit Transfers

Transfers are designed to be applied to existing glass or dials by a pressure transfer method. Transfers have a 2-3 year shelf life. The ink used is temperature sensitive. Transfers may be revitalized by placing them in natural sunlight. Do not microwave!

\$7.50 each \$21.75/ 3 (\$7.25)

Transfer Burnishing Tool



For burnishing transfers. Adjustable spring loaded ball. 5-3/4" long.

No. 20035

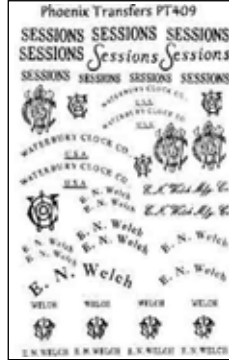
\$17.50 each



No. 19205 Gold
5-5/16" x 6-5/8"



No. 19530 Black
3/32" to 1/2" height



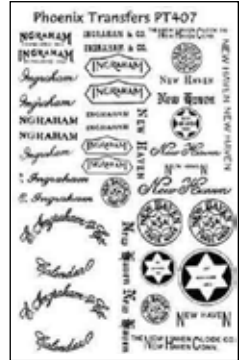
No. 19531 Black
3/32" to 1-1/4" height



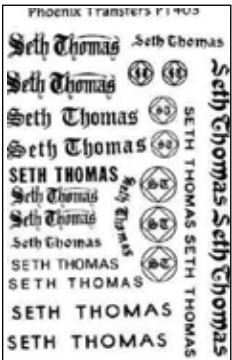
No. 19532 Black
3/32" to 15/16" height



No. 19528 Black
3/32" to 1/4" height



No. 19529 Black
1/8" to 9/16" height



No. 19547 Black
1/4" to 1/2" height



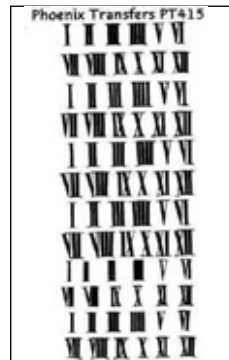
No. 19533 Black
3/32" to 5/16" height



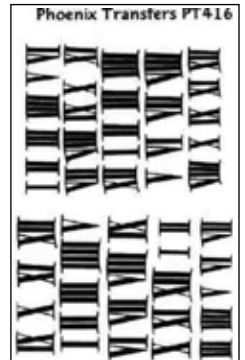
No. 19548 Black
3/32" to 1/2" height



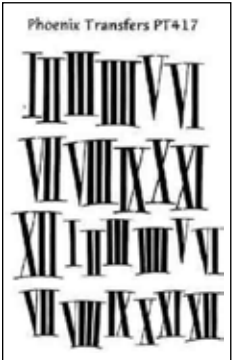
No. 12332 Black
1/4" to 1/2" height



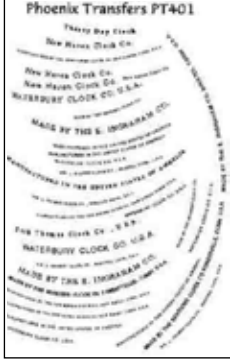
No. 12330 Black
1/2" to 5/8" height



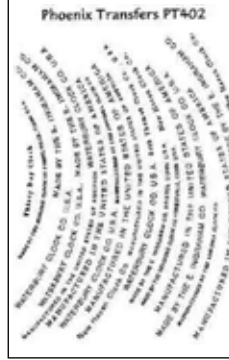
No. 12331 Black
11/16" to 3/4" height



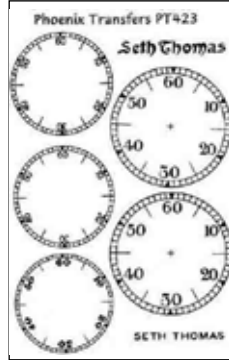
No. 19525 Black
1-1/16" to 1-9/16" height



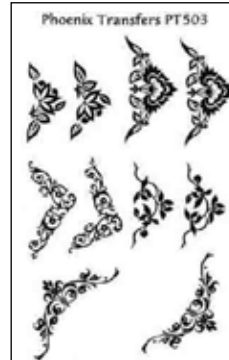
No. 19526 Black
3/32" to 1/8" height



No. 19527 Black
3/32" to 5/32" height



No. 12327 Black
2-9/16" to 3-1/4" height



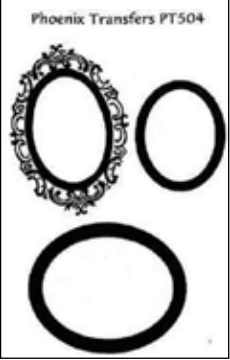
No. 19212 Gold
1-1/2" to 2" length



No. 19217 Gold
5-1/8" to 4-7/8" height



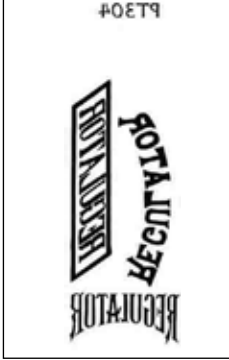
No. 19216 Gold
3-1/2" to 2-9/16" height



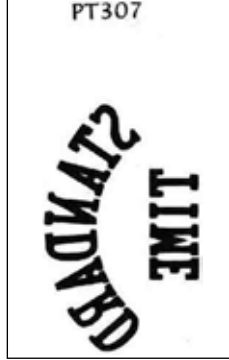
No. 19214 Gold
2-3/4" to 4-1/4" height



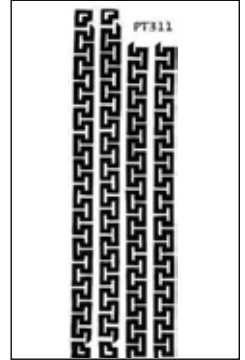
No. 19220 Gold
1-1/16" to 7-3/8" height



No. 19223 Gold
5/8" to 4-15/16" height



No. 19226 Gold
1-1/16" to 5-3/16" height



No. 19230 Gold
11-16" by 11-7/8" height

Glass, Domes & Tools

Dial Cutter



Adjustable. Cuts circles from 2" to 16". Ideal for paper and aluminum dials. 2 blades included.

No. 13477 \$16.00 each

Dial Cutter Blades

Four blades per pack.

No. 13481 \$2.50 pack

Glass Cutter



Your cuts will be smoother if you use a lubricant like kerosene. 6-1/2" long.

No. 15482 \$6.50 each

Dial Cutter



An expanding beam sets with slide rule accuracy. Sharp pivot point and 5 interchangeable blades and 3 pencil tips (included). Draw or cut circles up to 11-1/2" diameter. Cuts paper, card stock, thin plastic, thin wood sheets and cloth. Taiwan

No. 17737 \$11.00 each

Decal

OG Clock Decal - Closeout



10" x 12". Green, pink and gold on a black background. Was \$7.00. NOTE: NOT a transfer.

No. 33378 \$2.50 each

Golden Hour, Helm, Minute & View

Golden Minute, Golden Helm & Golden Hour Replacement Parts



Exclusive!

Parts for the original Golden Hour Clock.

No. 14607	Retaining Ring	\$17.50
No. 14605	Cone Nut	\$6.50
No. 17807	Convex Tension Washer	\$1.50
No. 14610	Cord	\$4.00
No. 17805	Fiber Washers (2)	\$1.00
No. 17808	Flat Washer (1)	75¢
No. 16937	Glass	\$15.00
No. 14609	Gold Base	\$35.00
No. 14611	Leaf Spring Set (3)	\$3.50
No. 34323	Minute Hand & Gear	\$15.00
No. 14604	Minute Hand	\$6.50
No. 20985	Motor Mount Screw (2)	50¢
No. 20986	Base Plate Screw (2)	50¢
No. 17806	Nylon Pad (2)	\$1.00
No. 18482	Golden Hour Repair Tips	N/C

You can view repair information online by clicking on Golden Hour Repair Tips on Timesavers website. Important Note:

The following 2 motors only work in Golden Hour Clocks made by the Jefferson Electric Company. They will not work in Golden Suspense or Secret clocks or in Haddon or Mastercrafters clocks.

If your old motor has a groove on the brass drive gear, this usually indicates the glass and gear ring are binding in the dial frame. This must be corrected prior to installation of a new motor or the problem will persist. New returned motors with a groove on the brass drive gear cannot be accepted for credit or exchange.

Golden Hour Clock Motor

New & Improved



With a brass 27-tooth gear. 110 volt, 60 cycles.

No. 14600 \$53.50 each
\$159.00/3 (\$53.00)

Golden Hour Motor Gear



Replacement 27-tooth brass gear fits No. 14600 Golden Hour Motor.

No. 29700 \$8.00 each

220 Volt Golden Hour Motor



Use in countries with 220-volts, 50 cycle. CE and UL approved. 27-tooth brass gear. Runs nosier and warmer than 110-volt motor. Compliance with local electrical standards for cords, switches, etc. is the responsibility of the end user.

No. 23356 \$55.00 each

Golden Helm, Minute & View Motor Gear



Replacement 36-tooth brass gear fits Golden Helm, Minute and View motors.

No. 34017 \$11.00 each

Golden Helm, Minute & View Replacement Glass



4-7/8" dia. x .09" thick. Center hole drilled.

No. 19450 \$16.00 each

#847 Rubber Adhesive For Golden Hour Clocks



For adhering the glass to the gear ring on Golden Hour clocks. 5 fl oz. tube.

No. 29806 \$33.50 each

Gongs, Gong Bases & Gong Units

Flat Wire Gong



3" diameter with outside washer. India.

No. 15491 \$4.00 each

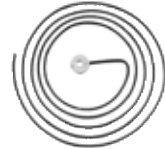
Wire Gong



3-1/4" round wire gong with outside washer.

No. 32860 \$4.00 each

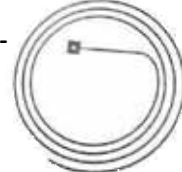
Wire Gong



Round wire gong with inside washer.

No. 19770 4-1/2" Dia. \$4.00 each

Wire Gongs - Large



Perfect for German grandfather clocks.

No. 20820 5-1/8" Dia. \$18.00 each

No. 20821 9-1/2" Dia. \$34.00 each

Round Wire Gongs



No. 12163



No. 19573

Economical round wire gong with no washer.

No. 19573 3-1/2" Dia. \$3.00 each

No. 12163 4-1/4" Dia. \$3.00 each

6" Wire Gong



With inside brass mounting washer. India.

No. 34345 \$x.xx each

Cuckoo Gong & Bracket



With bracket and screw.

No. 15975 60mm 2-3/8" \$1.75 set

No. 15976 70mm 2-3/4" \$2.00 set

No. 12380 80mm 3-1/8" \$2.25 set

No. 15977 90mm 3-1/2" \$2.50 set

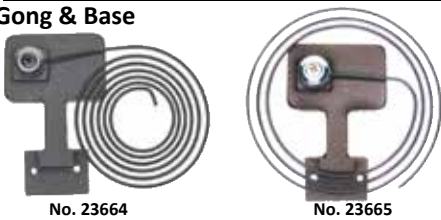
No. 12381 100mm 4" \$2.75 set

No. 12382 120mm 4-3/4" \$3.25 set

No. 12383 140mm 5-1/2" \$4.50 set

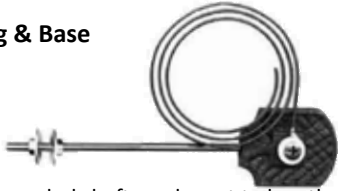
Gongs, Gong Bases & Gong Units

Gong & Base



Gong and base for Hermle and other clocks.
No. 23664 75mm Dia. **\$42.00**
No. 23665 125mm Dia. **\$43.50**
 Cast iron base only. 4" tall.
No. 20822 **\$18.50 each**

Gong & Base



M5 threaded shaft can be cut to length. 3" diameter wire gong.
No. 12164 4-5/8" **\$22.00 set**

Gong & Base



4-5/8" diameter round wire gong with 2-1/8" x 1-11/16" cast iron base. China.
No. 33724 **\$7.50 each**

Gong & Base



No. 10754 ... 4-5/8" Gong & Base **\$17.50**

Gong Base Hardware



Pack includes 4 flat washers, 4 nuts, 4 screws, and 4 recessed washers.
No. 21063 **\$3.50 pack**

Gong Bases



Round cast bases with a black finish.
No. 12167 2" Dia. **\$4.50 each**
No. 12166 2-1/2" Dia. **\$4.50 each**
No. 12170 2" Dia. **\$4.50 each**

Hands For Mechanical & Electric Movements

All hands sold in pairs except for calendar hands, second hands and pointers. All are steel with brass bushings on hour hands unless otherwise specified. Square or oblong holes in the minute hand are indicated. Size listed is length of minute hand from center of mounting hole to tip. Hands can be trimmed to fit and may require custom fitting.

Alarm Clock Hands - Closeout



Black with luminous strip. Bushed minute hand has 1.9mm (.075") mounting hole. Hour hand has 3.8mm (.150") mounting hole. 1-3/8" long minute hand. **Was \$3.50.**
No. 33572 **\$1.00 pair**

Ansonia Style Hands



Size indicates the length of minute hand. Bushed hour hand.
No. 20175 1-3/8" Square **\$10.00 pair**
No. 20176 1-7/8" Square **\$10.50 pair**

Ansonia Style Hands - Brass



2-1/8" oblong minute hand. Bushed hour hand. For swinging arm clocks.
No. 13197 **\$21.00 pair**

Arrow Hands - Brass - Closeout



5-3/8" minute hand as measured from center of 2.0mm square mounting hole bushing to tip. 4.5mm round hole hour hand bushing. **Was \$16.50.**
No. 00891 **\$5.50 pair**

Banjo Hands - Steel



3-1/2" minute hand as measured from center hole to the tip. With pilot holes.
No. 23322 **\$13.00 pair**

Banjo Hands - Steel



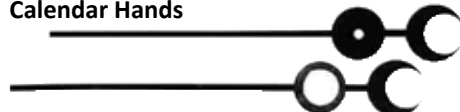
Square hole in the 3-3/8" minute hand and brass bushing in the hour hand.
No. 18725 **\$10.50 pair**

Calendar Hand - Hermle



3/4" long black hand with 1/2" brass shaft. Fits Hermle and other movements.
No. 19843 **\$5.25 each**

Calendar Hands



Trim to fit smaller dials. Size shown is the center to tip measurement.
No. 13016 2-1/2" Brass Small Hole
No. 13014 3" Black With Bushing
No. 13015 3" Black Small Hole
\$4.00 each
No. 13013 4-1/2" Black With Bushing
No. 13010 4-1/2" Black Small Hole
\$5.00 each
No. 33295 5-3/4" Red With Bushing
No. 13021 5-3/4" Black With Bushing
No. 34040 5-3/4" Black Small Hole
\$5.00 each



Red. 5" long from center of oblong mounting hole to tip. Can trim to fit.
No. 33328 **\$4.50 each**

Carriage Clock Hands - Steel



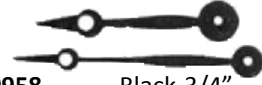
Brass bushings in both blued hands. Minute hand measures 14.5mm (9/16").
No. 29751 **\$6.00 pair**



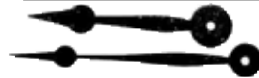
No bushings.
No. 20959 Black 7/8" **\$5.00 pair**



For smaller clocks. With pilot holes.
No. 20954 Black 1-1/8" **\$5.00 pair**
No. 20964 Black 1-3/8" **\$5.00 pair**



No. 20958 Black 3/4" **\$5.00 pair**



No. 20956 Black 1" **\$5.00 pair**
No. 20962 Black 1-5/8" **\$5.00 pair**



No. 20963 ... Black 1-3/16" **\$8.00 pair**



No. 20953 Black 1" **\$5.00 pair**

Club Hands - Black



Round pilot holes. 2 included bushings must be installed. Minute hand length shown.
No. 23383 1-9/16" **\$4.00 pair**



Square hole minute hand. Bushing installed in hour hand.
No. 23384 2-1/8" **\$4.00 pair**
No. 23385 2-5/16" **\$4.00 pair**
No. 18923 2-1/2" **\$4.00 pair**
No. 19576 3-1/2" **\$4.00 pair**

Cuckoo Round Hole Hands - Wood



Brass bushing in hour hand. Fits dial shown.
No. 19313 To Fit 80mm **\$5.00 pair**
No. 19314 To Fit 90mm **\$5.25 pair**
No. 19315 To Fit 100mm-110mm **\$5.50 pair**
No. 19316 To Fit 120mm **\$6.00 pair**
No. 19317 To Fit 130mm-140mm **\$6.50 pair**
No. 19318 To Fit 150mm-160mm **\$7.50 pair**
No. 19319 To Fit 170mm-210mm **\$8.00 pair**

Hands For Mechanical & Electric Movements

Cuckoo Clock Hands - Bone



Hand carved. Round pilot holes.

Minute Hand Length	Fits Dial Size
2-5/16"	120mm

No. 20938 \$27.50 pair

Cuckoo Round Hole Hands - Plastic



White. No bushings. The size listed is the dial the hands will fit.

- No. 17709** To Fit 50mm Dial
- No. 13034** To Fit 60mm Dial
- No. 19660** To Fit 70mm Dial
- No. 17436** To Fit 80mm Dial
- No. 17437** To Fit 90mm Dial

\$1.25 pair

- No. 19661** To Fit 100-110mm Dial
- No. 13048** To Fit 120mm Dial
- No. 17438** To Fit 130mm-140mm Dial

\$2.00 pair

Antiqued Cuckoo Round Hole Hands - Plastic



Antiqued cream color. No bushings.

- No. 20883** To Fit 60mm Dials
- No. 20884** To Fit 70mm Dials
- No. 20885** To Fit 80mm Dials
- No. 20886** To Fit 90mm Dials

\$1.25 pair

- No. 20888** To Fit 100-110mm Dials
- No. 20889** To Fit 120mm Dials
- No. 20890** To Fit 130mm-140mm Dials

\$2.00 pair

Cuckoo Novelty Clock Round Hole Hands - Plastic



White. No bushing. Fits 40mm dial.

No. 10280 \$2.00 pair

Cuckoo Hands - Plastic



White. Fits 75mm (3") dial. Minute hand measures 1-3/8" (35mm approx.) from center to tip. No mounting hole allows for custom fit.

No. 33759 \$1.00 pair

White plastic. Minute hand measures 2-1/4" (57mm approx) from center of 2.50mm square hole mounting bushing to tip. Fits 120mm (4-3/4") dials.

No. 33763 No hole in minute hand \$1.75 pair

Cuckoo Round Hole Hands - Plastic



White. Bushed minute hand.

No. 33753 For 50mm Dial \$1.25 pair

No. 33757 For 170mm-180mm Dial \$2.25 pair

Cuckoo Square Hole Hands - Plastic



White. 3mm square hole. No bushings.

No. 17439 To Fit 50mm Dial

No. 17440 To Fit 60mm Dial

No. 19662 To Fit 70mm Dial

No. 17442 To Fit 80mm Dial

No. 17443 To Fit 90mm Dial

\$1.25 pair

No. 19663 To Fit 100mm-110mm Dial

No. 17445 To Fit 120mm Dial

No. 17446 To Fit 130mm-140mm Dial

No. 33897 To Fit 165mm-180mm Dial

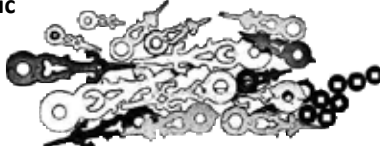
3.75mm square minute hand mounting hole

No. 33615 To Fit 165mm-180mm Dial

4.00mm square minute hand mounting hole

\$2.00 pair

Cuckoo Round Hole Hand Assortment - Plastic



7 pair. White. Fits 50mm to 120mm diameter dials. Includes 2.5mm square hole brass bushings.

No. 29072 Cream \$10.00 pack

No. 13120 White \$10.00 pack

White. 3mm square mounting holes. 8 pair. Fits 50mm to 140mm dials. No bushings.

No. 29754 \$10.00 pack

Cuckoo Clock Hand Bushings - Brass



7.5mm OD. 12-piece packs.

No. 32328 2.0mm square I.D. \$6.50

No. 11208 2.5mm square I.D. \$6.50

Diamond Hands - Closeout



Black bushed hands. Minute hand is 2" long. 2.25mm square minute hand mounting hole.

Hour hand has 5.25mm bushing. **Was \$11.00.**

No. 33590 \$3.50 pair

Fancy Hands - Closeout



Brass. For Schatz and other clocks. Both hands bushed. 2-3/16" long minute hand with 2.0mm square mounting hole. **Was \$12.50.**

No. 33322 \$4.00 pair



Gilt brass. Minute hand is 2-1/4" long with 2.0mm square mounting hole. Bushed 4.0mm hour hand. **Was \$10.50**

No. 00573 \$4.00 pair



Gilt brass. 2-3/8" long minute hand with 1.8mm square bushing. Hour hand has 4.0mm bushing. **Was \$10.00.**

No. 33616 \$4.00 pair



Gilt brass. Minute hand is 3" long with 1.8mm square bushed mounting hole. Bushed 4.0mm hour hand. **Was \$12.00.**

No. 00587 \$4.00 pair



Brass. Used on Urgos and other clocks. 3-1/8" minute hand has 2.0mm square hole bushing. Bushed 4.0mm hour hand. **Was \$12.00.**

No. 33292 \$4.00 pair



Black. 3-1/2" long minute hand with 1.8mm square mounting hole. Hour hand has 4.0mm bushing. **Was \$15.00.**

No. 33618 \$6.00 pair



Gilt brass. 3-5/8" minute hand with 2.0mm square bushed mounting hole. Bushed 4.0mm hour hand. **Was \$13.50.**

No. 00583 \$5.00 pair



Stamped Gilt brass. Minute hand is 4" long from center of 1.5mm square mounting hole to tip. Bushed 4.25mm hour hand. **Was \$8.00.**

No. 01592 \$4.00 pair



Gilt brass. 1.8mm square bushed mounting hole. Bushed 4.0mm hour hand. **Was \$10.50-\$12.00.**

No. 00574 2-3/8" Minute Hand \$3.50

No. 00571 2-3/4" Minute Hand \$4.00



Brass. 3" minute hand with 1.9mm square hole bushing. 4.0mm diameter bushing in hour hand. **Was \$10.50.**

No. 00375 \$4.00 pair

Hands For Mechanical & Electric Movements



Brass. 3" minute hand with 2.0mm square mounting hole. 4.0mm diameter hour hand mounting hole. **Was \$8.00.**

No. 33339 **\$4.00 pair**



Gilt brass. Minute hand is 3-1/2" long with 1.8mm square bushed mounting hole. Bushed 4.0mm hour hand. **Was \$15.00.**

No. 00575 **\$5.00 pair**



Gilt brass. 4" long minute hand with 2.0mm square mounting hole (no bushing). Hour hand has 4.25mm round hole bushing. **Was \$15.00.**

No. 33608 **\$6.00 pair**



Gilt steel. 4-1/4" long minute hand with 2.0mm square mounting hole. Hour hand has 4.0mm bushing. **Was \$15.00.**

No. 33600 **\$6.00 pair**

Fancy Urgos Hands - Closeout



Gilt brass. 4-5/16" long minute hand with 1.8mm square mounting hole. Hour hand has 4.0mm bushing. **Was \$15.00.**

No. 00566 **\$6.00 pair**

Fleur De Lys Hands



Bushings on both hands. Black.

No. 13068 1-1/8" Square **\$12.00 pair**

No. 13069 1-9/16" Square **\$12.50 pair**

No. 13070 2" Square **\$13.00 pair**

No. 13071 2-3/8" Square **\$13.50 pair**

Fleur De Lys Hands



Black. Oblong hole in minute hand. 2 bushings, one must be installed in the hour hand.

No. 23387 2-5/16" **\$5.00 pair**

No. 23388 2-7/16" **\$5.50 pair**

With hour hand bushing.

No. 13046 ... 2-9/16" Oblong **\$8.00 pair**

No. 13047 ... 2-9/16" Square **\$8.00 pair**

French Breguet Hands



Bushings on both hands. Black.

No. 13080 1-1/8" Square **\$12.00 pair**

No. 13081 1-9/16" Square **\$12.50 pair**

No. 13082 2" Square **\$13.00 pair**

No. 13083 2-3/8" Square **\$13.50 pair**

French Spade Hands



Bushings on both hands. Black.

No. 13076 1-1/8" Square **\$12.00 pair**

No. 13077 1-9/16" Square **\$12.50 pair**

No. 13078 2" Square **\$13.00 pair**

No. 13079 2-3/8" Square **\$13.50 pair**

French Spade Hands - Diamond Tip - Black



No. 33228 1-9/16" Square **\$12.50 pair**

French Trefoil Hands



Bushings on both hands. Black.

No. 13072 1-1/8" Square **\$12.00 pair**

No. 13073 1-9/16" Square **\$12.50 pair**

No. 13074 2" Square **\$13.00 pair**

No. 13075 2-3/8" Square **\$13.50 pair**

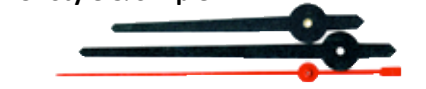
Gallery Clock Hands



.038" unfinished steel hands with pilot holes. Included bushings must be installed.

No. 13180 18-1/4" **\$38.50 pair**

Hansen Electric Movement Hands - "C" Style & Simplex



No. 29277



No. 29278



No. 29279

Fits Hansen movements with small diameter hand shafts by using the included friction adapter and hand nut. Modification is required to fit other hand shaft configurations. Black hands with red second hand.

No. 29277 . 6-3/4" for 15" dials **\$25.00 set**

No. 29278 . 8-1/4" for 18" dials **\$26.00 set**

No. 29279 . 10-3/4" for 24" dials **\$29.00 set**

Lanshire Electric Movement Hands



Black hands with red second hand.

No. 20489 5-1/4" Black **\$10.50 set**

Lanshire Electric Movement Hands - Closeout



Black steel. Minute hand is 3-1/2" long with .093" round mounting hole. Hour hand has a .250" mounting hole. **Was \$8.00.**

No. 00550 **\$4.00 pair**

Lanshire Electric Movement Second Hands - Closeout



For Lanshire movements. .073" mounting hole to tip length shown. Can trim to fit. **Was \$6.00.**

No. 00553 4" Gold **\$2.50 each**

No. 00554 4" Red **\$2.50 each**

No. 00555 5-3/4" Gold **\$2.50 each**

Lux-Keebler Style Hands



White metal with a bushed 1" long minute hand. Final fitting required.

No. 13181 **\$6.00 pair**

Maltese Hands - Black



No. 23286 1-3/4" Oblong

No. 23285 1-3/4" Square

No. 23288 2" Oblong

No. 13131 2-1/4" Oblong

No. 13044 2-1/2" Oblong

\$2.50 pair

No. 33612 2-7/8" Oblong **\$3.00 pair**

No. 23317 5-9/16" Oblong **\$5.25 pair**

No. 13041 5-9/16" Square **\$5.25 pair**



No. 32353 ... 60mm (2-3/8") **\$3.00 pair**



No. 32367 90mm (3-1/2") **\$3.50 pair**

Moon Hands - Black



With hour hand bushings.

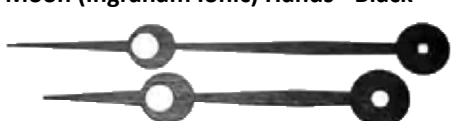
No. 13026 2-1/2" Oblong **\$2.50 pair**

No. 13027 2-1/2" Square **\$2.50 pair**

No Bushings (For #5 Banjo)

No. 13000 . 3-1/4" Heavy Square **\$4.00 pair**

Moon (Ingraham Ionic) Hands - Black



Square hole 3" minute hand. With 2 bushings, one of which to be installed in the hour hand.

No. 23390 **\$6.00 pair**

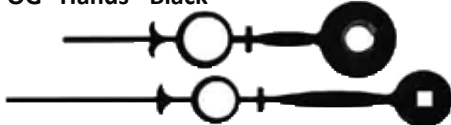
Hands For Mechanical & Electric Movements

Moon Hands - Black



Brass bushings in both hands. 2mm square hole bushing in 3-7/16" minute hand.
No. 29752 \$6.00 pair

"OG" Hands - Black



No. 13029 3-1/2" Square \$3.75

Pam-Ad Electric Movement Hands



For Pam-Ad movements. Threaded red second. 6" black minute hand with oblong hole.
No. 13190 \$12.50 set
Threaded Second Hand Only
 6" red hand. #2-56 mounting thread.
No. 32891 \$4.00 each

Seikosha Clock Hands - Black



No. 29486 \$2.50 pair
No. 29487 \$2.75 pair
No. 29488 \$3.00 pair
 Used on many old clocks. Bushed hour hand.
No. 29486 2-1/2" \$2.50 pair
No. 29487 3-3/8" \$2.75 pair
No. 29488 5-3/8" \$3.00 pair

Serpentine Hands - Black



2.5mm square minute hand bushing. 4.5mm round hour hand bushing.
No. 11537 2-1/2" \$3.50 pair
No. 11538 3-7/16" \$4.00 pair

For current production Hermle and other clocks. 2.0mm square minute hand bushing. 4.5mm round hour hand bushing. Black except where noted.

No. 13182 1-3/4" \$6.50 pair
No. 13191 2-3/8" \$6.50 pair
No. 01604 Brass 2-3/8" \$6.50 pair
No. 17824 2-3/4" \$7.00 pair
No. 13184 3" \$7.00 pair
No. 01752 Brass 3" \$7.00 pair
No. 13185 3-1/2" \$7.00 pair
No. 13186 4-1/16" \$7.50 pair
No. 13187 4-3/4" \$8.00 pair
No. 13188 6-1/4" \$8.50 pair
No. 29018 Brass 6-1/4" \$8.50 pair



No. 32364 117mm (4-5/8") \$3.50 pair



No. 32365 ... 110mm (4-3/8") \$3.50 pair
No. 32366 130mm (5") \$3.75 pair

Serpentine Style Hands - Closeout



Black stamped aluminum. Used on Westclox and others. 1-3/8" minute hand. 4.0mm hour hand mounting hole, no bushing. **Was \$4.00.**
No. 00557 \$2.00 pair



Used on Urgos. 2-3/8" long minute hand. Bushed 4.0mm hour hand. 2.0mm square minute hand mounting hole. **Was \$12.50.**
No. 33321 Brass \$4.00 pair



Brass. No bushings. Minute hand is 4" long. 1.75mm pilot holes both hands. **Was \$15.00.**
No. 33894 \$6.00 pair

Serpentine Grandfather Hand Set



Brass. 6-1/2" minute hand. Square mounting hole in hour hand. No bushings. 1-5/8" second hand with a 7/16" long mounting post.
No. 29399 \$16.50 pair



Brass. For Urgos and others. 1-3/4" minute hand with 2.0mm square mounting hole. 4.0mm hour hand mounting hole. **Was \$12.00.**
No. 33338 \$4.00 pair



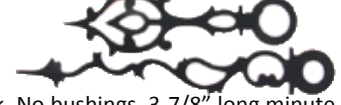
Black. 1-7/8" long minute hand with 2.35mm square mounting hole. Hour hand bushing is 4.0mm diameter. **Was \$12.50.**
No. 33233 \$4.00 pair



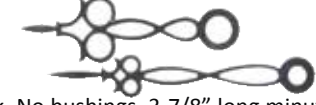
2-5/8" minute hand with 2.0mm square hole brass bushing. Hour hand has a 5.0mm round hole brass bushing. **Was \$8.50.**
No. 33583 \$3.00 pair



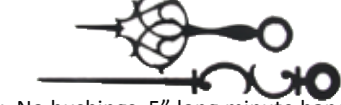
Gilt brass. Minute hand is 3-5/8" long with 1.8mm square bushed mounting hole. 4.0mm bushed hour hand. **Was \$13.50.**
No. 00588 \$4.50 pair



Black. No bushings. 3-7/8" long minute hand with 7.5mm round mounting hole. 10.5mm hour hand mounting hole. **Was \$12.50.**
No. 33596 \$4.50 pair

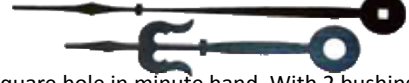


Black. No bushings. 3-7/8" long minute hand with 7.5mm mounting hole. 10.0mm hour hand mounting hole. **Was \$8.00.**
No. 33231 \$3.00 pair



Black. No bushings. 5" long minute hand with 7.5mm round mounting hole. Hour hand has 10.5mm round mounting hole. **Was \$15.00.**
No. 33597 \$6.00 pair

Seth Thomas Fashion Hands



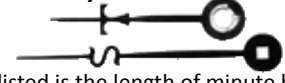
Square hole in minute hand. With 2 bushings, one must be installed in the hour hand. Black.
No. 23391 3-5/8" \$10.50 pair

Seth Thomas #2 Style Hands



Bushings for both black hands provided (installation required). 5-1/2" minute hand.
No. 18926 \$10.00 pair

Seth Thomas Style Hands



The size listed is the length of minute hand.
No. 18407 1-7/8" Square
No. 13028 2-5/8" Square
 \$3.50 pair

Spade Hands With Hole - Black



No. 13024 2-1/2" Oblong
No. 13025 2-1/2" Square
 \$2.50 pair

Spade Hands - Black



No. 19350 ... 1-13/16" Square \$2.25 pair
No. 33613 2" Oblong \$2.25 pair
No. 13059 2-1/4" Oblong \$2.25 pair
No. 13060 2-1/4" Square \$2.25 pair
No. 13022 2-1/2" Oblong \$2.25 pair
No. 13023 2-1/2" Square \$2.25 pair
No. 23289 3-5/8" Oblong \$2.50 pair
No. 13058 3-5/8" Square \$2.50 pair
No. 13064 4-5/8" Square \$3.00 pair
No. 33717 5-1/8" Oblong \$3.25 pair

Hands For Mechanical & Electric Movements

Spade Hands



Black except where noted. With bushings. For current production Hermle and other clocks. The size listed is the length of the minute hand.
No. 20101 1-3/4" **\$5.50 pair**
No. 20102 2-1/2" **\$6.00 pair**
No. 20103 3" **\$7.00 pair**
No. 33568 3-5/8" **\$7.50 pair**
No. 20104 4-3/8" **\$8.00 pair**
No. 01297 5-1/8" **\$10.50 pair**
No. 20105 5-1/2" **\$12.00 pair**



Black. 2" long minute hand. 5.25mm hour hand bushing. **Was \$4.50.**
No. 33614 Square (3.5mm-not bushed) **\$2.00**



Black. 2-1/8" long minute hand with 2.25mm square mounting hole. Hour hand has 5.25mm bushing. **Was \$10.00.**
No. 33592 **\$3.50 pair**



Black. 2-7/8" long minute hand. Bushed 5.0mm hour hand. Minute hand is 2.0mm square mounting hole. **Was \$6.00.**
No. 33235 **\$2.00 pair**



Black. 3-1/4" long minute hand with 2.0mm square mounting hole. Hour hand has 5.25mm bushing. **Was \$12.00.**
No. 33595 **\$4.50 pair**



Black. 2.0mm square bushed mounting hole to tip. Bushed 5.25mm hour hand. **Was \$12.00-\$13.50.**
No. 33620 3-3/8" Minute Hand **\$4.00**
No. 33619 4" Minute Hand **\$4.50**



Black oblong mounting hole and bushed hour hand. Minute hand is 3-1/2" long. 2.0mm square hole bushing. 5.0mm diameter bushing on hour hand. **Was \$3.00.**
No. 33294 **\$1.00 pair**



Black steel. 3-3/4" minute hand with oblong mounting hole. Bushed 5.0mm hour hand. **Was \$7.50.**
No. 33611 **\$3.00 pair**



Black. 2-3/4" long minute hand with 2.0mm square mounting hole. Hour hand has 5.0mm bushing. **Was \$12.50.**
No. 00560 **\$4.00 pair**



Black. 2-3/4" long minute hand with 2.0mm square mounting hole. Hour hand has 5.25mm bushing. **Was \$12.50.**
No. 33591 **\$4.00 pair**



Black. 2-3/8" long minute hand with 3.5mm square mounting hole (no bushing). Hour hand has 5.0mm round hole bushing. **Was \$7.50.**
No. 33605 **\$3.00 pair**



Black. Used on Urgos. 4-3/8" long minute hand with 2.0mm square mounting hole. Hour hand has 4.0mm round mounting hole. **Was \$12.00.**
No. 33599 **\$5.00 pair**



Black. 2-3/4" long minute hand with 2.0mm square mounting hole. Hour hand has 5.25mm bushing. **Was \$12.50.**
No. 33594 **\$4.00 pair**



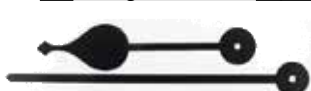
Black. 2-3/4" long minute hand (no bushing). Hour hand has 5.25mm round hole bushing. **Was \$7.50.**
No. 33602 3.5mm Square Hole **\$3.00 pair**
No. 33603 Oblong Hole **\$3.00 pair**



Black. 5-3/8" long minute hand with 2.0mm square mounting hole. Hour hand has 5.0mm round hole bushing. **Was \$15.00.**
No. 33606 **\$6.00 pair**



Black. 2-1/2" minute hand with 3.5mm square mounting hole. 5.0mm bushed hour hand. **Was \$3.00.**
No. 01272 ... Square Minute Hand **\$1.50 pair**
No. 01271 ... Oblong Minute Hand **\$1.50 pair**



Black. 5-3/4" minute hand with 3.0mm square mounting hole. Hour hand is 4" long with 3.0mm round mounting hole **Was \$10.00.**
No. 33587 **\$5.00 pair**

Stick & Sword Hands - Closeout



Stamped brass. 2-1/4" minute hand with 2.0mm square bushing. Hour hand bushing is 5.0mm. **Was \$12.00.**
No. 33332 **\$3.00 pair**



Black. 4-5/8" long minute hand with 2.0mm square hole (no bushing). Hour hand has 4.5mm round hole bushing. **Was \$12.50.**
No. 33607 **\$5.00 pair**



Gilt brass. 3-1/8" minute hand with 1.8mm square bushed mounting hole. Bushed 4.0mm hour hand. **Was \$12.00.**
No. 00584 **\$4.00 pair**



Gilt brass. 3-3/8" minute hand with 1.8mm square bushed mounting hole. Bushed 4.0mm hour hand. **Was \$15.00.**
No. 00576 **\$5.00 pair**



Gilt brass. 3-1/2" minute hand with 1.8mm square bushed hole. Bushed 4.0mm hour hand. **Was \$13.50.**
No. 00581 **\$4.50 pair**



Gilt brass. 3-5/8" minute hand with 1.8mm square bushed hole. Bushed 4.0mm hour hand. **Was \$13.50.**
No. 00585 **\$4.50 pair**



Gilt brass. 4-1/2" minute hand with 1.8mm square bushed hole. Bushed 4.0mm hour hand. **Was \$15.00.**
No. 00579 **\$6.00 pair**



Gilt brass. 3-5/8" minute hand with 1.8mm square bushed hole. Bushed 4.0mm hour hand. **Was \$15.00.**
No. 00572 **\$5.00 pair**

Trefoil Hands - Closeout



Black. 1-1/8" minute hand from the center of 2.0mm wide oblong mounting hole to tip. 4.0mm brass hour hand bushing. Swiss. **Was \$12.00. While supplies last.**
No. 33972 **\$4.00 set**



Black. 3-1/2" minute hand with 4.0mm square hole. Hour hand is 2-1/2" long with 4.5mm round bushed hole. **Was \$9.50.**
No. 33588 **\$4.50 pair**

Reverse Trident Hands - Closeout



Black. 1-5/8" minute hand has oblong mounting hole. Bushed 4.25mm hour hand. **Was \$7.50.**
No. 33610 **\$3.00 pair**

Terry Hands - Black

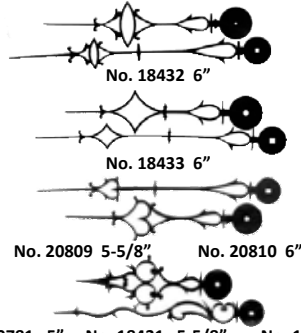


Heavy steel with pilot holes in both hands.
No. 23294 4-5/8" **\$16.00 pair**

Hands For Mechanical & Electric Movements

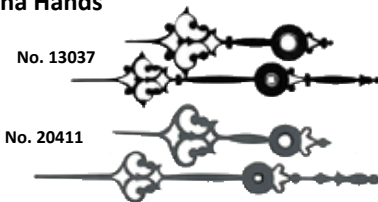
Tall Case Hands - Steel

Heavy blued steel. High quality. Pilot holes in both hour and minute hands. Trim to fit.



No. 18432 6"
No. 18433 6"
No. 20809 5-5/8" No. 20810 6"
No. 20781 5" No. 18431 5-5/8" No. 18434 6"
5" Hands \$45.50 pair
5-5/8" Hands \$46.00 pair
6" Hands \$46.50 pair

Vienna Hands



Black . Brass bushings on both hands. Minute hand length is shown.
No. 13037 2-5/8" \$10.00 pair
No. 20411 3-3/8" \$11.50 pair

Vienna Hands - Closeout



Black. 5-7/8" minute hand with oblong mounting hole. 5.0mm bushed hour hand. Was \$12.50. While supplies last.
No. 33323 \$4.00 pair

Welch Patti Hands - Black



2-1/4" minute hand has an oblong mounting hole. Bushings provided. One must be installed in the minute hand.
No. 23389 \$9.00 pair

Westclox Ben Alarm Clock Hands



Westclox hands for Big Ben Chime Alarm Ivory (Model #69F) Original Westclox material. Black hour and minute hand. 1-7/8" from the center of the minute hand mounting hole to the tip. Was \$7.50. While supplies last.
No. 01995 \$3.00 pair

Zaandam Hands - Cast



Brass plated. 2-3/8" long minute hand with undrilled locating holes. No bushings.
No. 18267 \$19.50 pair

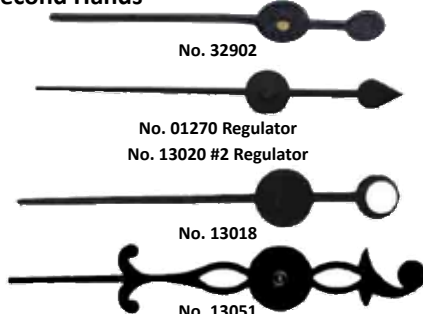
Zappler Clock Hand - Closeout



3/4" (19mm) long minute hand. With 1.65mm mounting hole bushing. 2.9mm hour hand bushing. Stamped. Was \$5.00.
No. 01043 Black \$2.50 pair
No. 01044 Gold \$2.50 pair

2nd Hands For Mechanical Movements

Second Hands



No. 32902
No. 01270 Regulator
No. 13020 #2 Regulator
No. 13018
No. 13051
No. 13052
1/2" Long Brass Mounting Post
No. 32902 1" Black \$4.50 each

1/2" Long Brass Mounting Post
No. 01270 9/16" Black \$2.50 each

9/16" Long Brass Mounting Post
No. 13020 1-7/16" Black \$3.75 each

1/2" Long Brass Mounting Post
No. 13018 1-3/16" Black \$3.00 each

1-1/4" Long Brass Mounting Post
No. 13051 1-7/8" Brass \$3.50 each
No. 13052 1-7/8" Black \$3.50 each

Second Hands - Hermle Style

3/4" black hand fits a 1-1/2" track. For Hermle, Kieninger and other clocks.
No. 19843 1/2" Shaft \$5.50 each
No. 22967 9/16" Shaft \$5.50 each
No. 29554 15/16" Shaft \$5.50 each
No. 29314 1-1/8" Shaft \$5.50 each
No. 13127 1-5/16" Shaft \$5.50 each
No. 29315 1-1/2" Shaft \$5.50 each

Second Hands - Grandfather

1-5/8" long. 1-1/4" long brass mounting shaft.
No. 13121 Black \$3.50 each

Second Hands - Kieninger

1" black hands fit a 2" track.
No. 32980 1" Shaft \$6.00 each
No. 23489 1-1/4" Shaft \$6.00 each
No. 18871 1-3/4" Shaft \$6.00 each

Tall Case Second Hand - Black

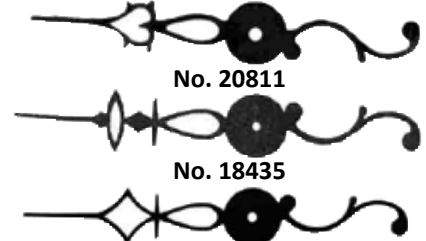
11/16" from center to tip for 1-1/2" track. 1-5/16" mounting shaft.
No. 34146 \$5.00 each

Second Hands - Urgos



Black hand for UW32 and others. 3/4" center to tip with a 5/8" tail. Brass shaft lengths indicated.
No. 34098 ... 13/32" Shaft Length \$5.50
No. 34099 1/2" Shaft Length \$5.50
No. 34100 ... 15/16" Shaft Length \$5.50
No. 34101 1-3/8" Shaft Length \$5.50

Calendar/Second Hands - Tall Case



No. 20811
No. 18435
No. 18436
Black steel. 1-5/8" long hand with 1-1/4" brass bushing which must be installed.
\$11.00 each

Second Hands - Black

With a brass bushing you must install.
Seth Thomas #3
No. 20794 1-7/8" \$6.50 each

Seth Thomas Ship's Clock
No. 20790 15/16" \$4.00 each

Sweep Second Hands - Black

With a brass bushing you must install.
1-3/4" Long Tail
No. 22649 4" \$20.00 each
2-1/4" Long Tail
No. 22650 6" \$20.00 each
3-1/2" Long Tail
No. 22651 6" \$20.00 each
6-3/4" Long
No. 18233 \$20.00 each

"I" - Shaft Hands For Quartz Movements

"I-Shaft" hands fit most battery quartz movements. The length of the minute hand from center of mounting hole to tip is shown. All are 75¢ a pair unless otherwise specified.
75¢ pair \$7.20/ 12 (60¢)

Mounting Hole For "I" - Shaft Minute Hand is .112" wide x .158" long. Hour hand hole diameter is .198".

No. 01602 2-5/8" Gold

"I" - Shaft Hands For Quartz Movements



Size listed is the length of the minute hand.

- No. 13091 1-3/8" Black
- No. 13092 1-3/8" Gold
- No. 13101 2-3/4" Black
- No. 13102 2-3/4" Gold
- No. 13007 3-1/4" Black
- No. 13145 3-5/16" Gold



- No. 29563 3-7/8" Black



- No. 19865 1-3/4" Black



- No. 17107 3-1/4" Black



- No. 00945 1-3/4" Gold
- No. 13156 2-1/16" Black
- No. 13032 3" Gold
- No. 17105 3" Black



- No. 13140 1-3/8" Black
- No. 13141 1-3/8" Gold
- No. 33910 1-13/16" Black
- No. 16738 2-1/16" Black
- No. 13112 2-1/16" Gold
- No. 13097 2-1/2" Black
- No. 13098 2-1/2" Gold
- No. 13105 3-1/8" Black
- No. 13106 3-1/8" Gold
- No. 13195 4-1/8" Gold
- No. 13111 4-3/4" Gold



- No. 33896 3-3/8" Black
- No. 00591 3-3/8" Gold



- No. 11536 3-7/16" Black



- No. 23526 1-1/2" Black
- No. 23527 2-3/8" Black



- No. 33911 2-3/8" Black



- No. 13093 1-11/16" Black
- No. 13094 1-11/16" Gold
- No. 13008 1-15/16" Black
- No. 16740 2-1/8" Black
- No. 16741 2-1/8" Gold
- No. 17720 2-1/2" Black
- No. 17721 2-1/2" Gold
- No. 13103 2-3/4" Black
- No. 13104 2-3/4" Gold
- No. 32350 3" Black
- No. 32362 3" Gold
- No. 13009 3-3/8" Black
- No. 33935 3-3/4" Black
- No. 13152 4" Black
- No. 13153 4" Gold
- No. 32352 4-5/16" Black
- No. 32360 4-5/16" Gold
- No. 13031 4-9/16" Black
- No. 16743 4-9/16" Gold
- No. 13115 5-1/4" Black
- No. 19840 5-1/2" Black



- No. 32349 2-1/2" Black
- No. 32363 2-1/2" Gold
- No. 33912 3-9/16" Black
- No. 33929 4" Black



- No. 33617 1-1/2" Gold



- No. 17102 1-7/8" Black
- No. 17103 2-1/8" Gold
- No. 13095 2-1/4" Black
- No. 13096 2-1/4" Gold



- No. 13099 2-5/8" Black
- No. 13100 2-5/8" Gold
- No. 13192 3-5/8" Black
- No. 13193 3-5/8" Gold



- No. 11448 3-1/4" Black



- No. 12707 4-3/4" Black



- No. 32351 3-3/16" Black



- No. 33915 4-1/8" 75¢ pair

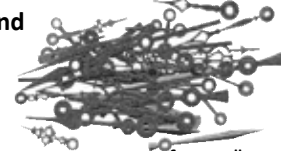


- No. 13148 4-1/4" Black
- No. 13149 4-1/4" Gold



- No. 16745 2-1/8" Black
 - No. 16746 2-1/8" Gold
 - No. 13107 3-3/8" Black
 - No. 13108 3-3/8" Gold
 - No. 29033 3-13/16" Black
- 75¢ pair \$7.20/ 12 (60¢)**

"I-Shaft" Hand Assortment



25 pairs for quartz movements from 1" to 4-1/4" long. Assorted styles, shapes and colors.

- No. 20402 **\$10.00 pack**

Longer "I" Shaft Hands For Quartz Movements

Longer hands may require adding a small weight to the counter-balanced end.



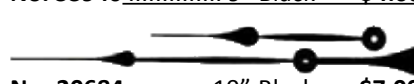
- No. 18447 6-1/4" Black \$2.00 pair
- No. 34331 9-1/16" Black \$5.50 pair



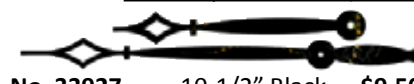
- No. 33926 9-13/16" Black \$7.00 pair



- No. 17110 6-7/8" Black \$2.25 pair
- No. 23528 8" Black \$2.50 pair
- No. 33940 9" Black \$4.00 pair



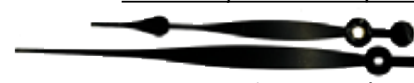
- No. 20684 10" Black \$7.00 pair
- No. 20685 12" Black \$8.50 pair
- No. 33938 14" Black \$12.00 pair
- No. 33939 17-3/4" Black \$13.00 pair



- No. 33927 10-1/2" Black \$9.50 pair
- No. 33928 12-3/4" Black \$10.50 pair





- No. 23547 9-5/16" Black \$4.50 pair




- No. 33930 5-7/8" Black \$3.00 pair
- No. 33931 6-1/4" Black \$3.25 pair
- No. 33932 6-7/8" Black \$3.50 pair
- No. 33933 8-3/16" Black \$4.00 pair
- No. 33934 10-13/16" Black \$6.75 pair
- No. 23548 12" Black \$7.00 pair

"I" - Shaft Hands For Quartz Movements

- 
- No. 33920 5-5/16" Black \$2.00 pair
 - No. 33921 5-3/4" Black \$2.50 pair
 - No. 33922 6-1/16" Black \$3.00 pair
 - No. 33923 7-7/8" Black \$5.75 pair
 - No. 20683 8" Black \$6.00 pair
 - No. 33924 9-9/16" Black \$6.50 pair
 - No. 29157 10" Black \$7.25 pair
 - No. 33925 14" Black \$8.00 pair
 - No. 19905 17-3/4" Black \$9.00 pair

- 
- No. 34330 7" Black Serpentine \$3.50 pair

- 
- No. 34332 12" Black Fancy \$8.00 pair

- Supplied blackened or unfinished as shown.
- No. 33936 6-7/8" Black \$8.25 pair
 - No. 29175 8-1/8" Unf. \$9.00 pair
 - No. 33937 8-5/8" Black \$9.25 pair
 - No. 19901 10-5/8" Unf. \$9.50 pair
 - No. 33941 12-3/4" Black \$10.00 pair
 - No. 20259 15-1/4" Unf. \$13.00 pair

Push-On Hands For Quartz Movements

Push-on hands only fit quartz movements that accommodate minute and hour hands with round mounting holes. The mounting hole diameters of hands are provided in the following listings. **Measure your corresponding movement hand shaft dimensions to insure a proper fit.**

Minute hand hole diameter is 1.7mm (.067"). Hour hand hole diameter is 2.7mm (.106"). Minute hand length indicated is measured from center of mounting hole to the tip:

- 
- No. 34192 1" 75¢ pair

- 
- No. 34193 1-1/8" 75¢ pair

- 
- No. 34194 1-1/8" 75¢ pair

Minute hand hole diameter is 2.30mm (.091"). Hour hand hole diameter is 3.15mm (.124"). Minute hand length indicated is measured from center of mounting hole to the tip:

- 
- No. 34180 1-1/8" 75¢ pair

- 
- No. 34181 1-1/8" \$1.50 pair

Minute hand hole diameter is 3.15mm (.124"). Hour hand hole diameter is 5.0mm (.197"). Minute hand length indicated is measured from center of mounting hole to the tip:


- 
- No. 33963 1" 75¢ pair

- 
- No. 24186 1-7/8" 75¢ pair

- 
- No. 33919 2-1/8" 75¢ pair

- 
- No. 33914 2-3/8" 75¢ pair

- 
- No. 33917 2-13/16" 75¢ pair

- 
- No. 13854 2-15/16" 75¢ pair

- 
- No. 24182 4-1/8" 75¢ pair

Minute hand hole diameter is 3.15mm (.124"). Hour hand hole diameter is 4.2mm (.165"). Minute hand length indicated is measured from center of mounting hole to the tip:


- 
- No. 00043 2-1/8" 75¢ pair

Minute hand hole diameter is 3.55mm (.140"). Hour hand hole diameter is 5.0mm (.197"). Minute hand length indicated is measured from center of mounting hole to the tip:

- 
- No. 33913 1-7/16" 75¢ pair

- 
- No. 33916 1-7/8" 75¢ pair

- 
- No. 34246 1-15/16" 75¢ pair

- 
- No. 34237 2-9/16" 75¢ pair

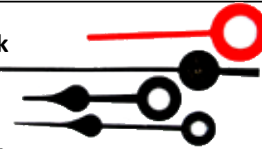
Black Plastic Push-On Sword Hands




5-9/16" minute hand as measured from center of mounting hole to tip. Minute hand has a 3.6mm square mounting hole across flats dimension. Hour hand has a 5.0mm mounting hole. **Was \$3.00. While supplies last.**

- No. 02717 50¢ pair


Alarm Clock Hand Set

- 
- One each of No. 33965, No. 34180, and No. 34182.
 - No. 32551 \$2.50 set

Alarm Clock Second Hand

- 
- .010" ID mounting pin x .070" mounting pin length.
 - No. 34195 1-1/8" 50¢ each
 - .015" ID mounting pin x .090" mounting pin length.
 - No. 33965 1-3/16" 50¢ each

Alarm Clock Hand

- 
- Mounting hole diameter 4.35mm (.171").
 - No. 34182 3/4" 50¢ each

Hands For S. Haller 400-Day Movements


Hands For 82mm Diameter Haller 400 Day Clock Dials

- 
- No. 32455
 - No. 34256


Black spade hands. Oblong minute hand mounting hole measures .285" wide x .350" long. 36.5mm (approx. 1-7/16") long minute hand as measured from center of mounting hole to tip. Hour hand is 28.5mm (approx. 1-1/8") long with a 5.0mm mounting hole.

- No. 34255 Spade \$4.50 pair
- No. 34256 Fancy \$4.50 pair

Hands For Hermle Quartz Movements

- 
- Hands only fit Hermle quartz movements.
- No. 34165 2-3/8" Gold \$4.00 pair
 - No. 20698 3-1/8" Black \$4.50 pair


Calendar Hand For #29119 & #29016 Quartz Movements


- 
- No. 29111 5-1/8" Red \$1.50 each

2nd Hands For Quartz Movements


For most quartz movements. The length of the second hand center to tip is indicated.

- 50¢ each \$4.80/ 12 (40¢)

- 
- No. 32709 1-3/8" Black
 - No. 32722 1-3/8" Red
 - No. 32711 3-1/2" Black
 - No. 32724 3-1/2" Black

- 
- No. 32708 7/8" Black
 - No. 32721 7/8" Red
 - No. 32712 1-9/16" Black
 - No. 32725 1-9/16" Red
 - No. 32712 1-9/16" Black
 - No. 34153 3-5/16" Black

- 
- No. 32369 1-1/16" Black
 - No. 32730 1-1/16" Red

- 
- No. 13168 1-3/8" Black
 - No. 13169 1-3/8" Gold
 - No. 16719 1-3/8" Red
 - No. 16720 1-3/4" Black
 - No. 16721 1-3/4" Gold
 - No. 16722 1-3/4" Red
 - No. 16729 2-1/2" Black

2nd Hands For Quartz Movements

No. 19867	1-1/8"	Gold
No. 13166	1-3/4"	Black
No. 33977	2-1/4"	Black
No. 16735	3"	Black
No. 16736	3"	Gold
No. 16737	3"	Red

No. 19869	2"	Black
No. 19871	2"	Red

No. 32710	2-9/16"	Black
No. 32723	2-9/16"	Red

No. 32713	1-15/16"	Black
No. 32726	1-15/16"	Red
No. 16726	2-3/8"	Black
No. 16727	2-3/8"	Gold
No. 16728	2-3/8"	Red
No. 33334	3-1/2"	Black
No. 33799	3-1/2"	Gold
No. 13158	4"	Black
No. 13159	4"	Gold

No. 16723	2-3/4"	Black
No. 16724	2-3/4"	Gold
No. 16725	2-3/4"	Red

No. 16732	2-3/8"	Black
No. 16733	2-3/8"	Gold
No. 16734	2-3/8"	Red
No. 19007	3-7/16"	Black

No. 13163	3"	Gold
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No. 16750	3"	Black
No. 16751	3"	Gold
No. 16749	3"	Red

No. 32705	3-1/4"	Black
No. 32718	3-1/4"	Red

No. 34156	2-1/2"	Black
No. 32706	2-13/16"	Black
No. 34211	2-13/16"	Gold
No. 32719	2-13/16"	Red
No. 34212	3-3/16"	Black
No. 32707	4-1/2"	Black
No. 32720	4-1/2"	Red

No. 34245	3-1/2"	Black
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No. 32370	3-1/2"	Black
No. 32733	3-1/2"	Red
50¢ each	\$4.80/ 12 (40¢)	

No. 32714	3-1/2"	Black
No. 32727	3-1/2"	Red

No. 32368	2-3/8"	Black
No. 32729	2-3/8"	Red

No. 34249	4-1/4"	Black
No. 34213	4-1/4"	Gold

With .75mm mounting hole ID which is larger than standard 0.70mm ID required on most quartz movements.

No. 34168	3-3/16"	Gold
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Longer 2nd Hands For Quartz Movements

No. 33976	4-3/8"	Black	75¢ each
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No. 33906	4-1/2"	Black	75¢ each
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No. 33907	4-11/16"	Black	75¢ each
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No. 32703	4-3/4"	Black	75¢ each
No. 32716	4-3/4"	Red	75¢ each

No. 34308	5-3/4"	Black	\$1.00 each
No. 33909	5-7/8"	Black	\$1.00 each

No. 33908	5-1/8"	Black	\$1.00 each
No. 34312	5-1/4"	Black	\$1.00 each

No. 34311	4-5/8"	Black	\$1.00 each
No. 33230	5-1/4"	Red	\$1.00 each

No. 34309	5"	Black	\$1.00 each
No. 32731	5-3/4"	Black	\$1.00 each
No. 32732	5-3/4"	Red	\$1.00 each
No. 34310	5-15/16"	Black	\$1.00 each

No. 13761	5-15/16"	Black	\$1.00 each
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No. 32715	3-3/4"	Black	75¢ each
No. 32728	3-3/4"	Red	75¢ each

No. 33550	4"	Gold	75¢ each
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No. 32704	4-5/16"	Black	75¢ each
No. 32717	4-5/16"	Red	75¢ each

Second Hand Assortment



For quartz movements. From 1-1/8" to 5" long. 25 assorted styles, shapes and colors.

No. 20403	\$8.00 pack
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Hand Bushings & Hand Nuts

Hand Bushings - Brass

No. 10423	1/4" OD Bushing	50¢ each
No. 10424	7/16" OD Bushing	50¢ each
12-Piece Hand Bushing Assortment		
6 pieces each of 2 different sizes above.		
No. 32398	\$4.00 pack	

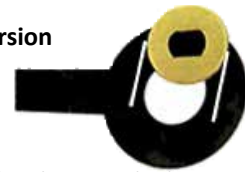
Hand Bushing - Brass



Split body. 5.5mm barrel OD x 4.5mm length. 4.5mm barrel ID. Barrel length is 2.5mm.

No. 29710	\$1.50 each
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I-Shaft Conversion Brass Washer 10-Pack



For converting hands to standard quartz I-shaft mounting. Hole measures .058" wide x 198" oblong. .346" OD x .020" thick. Solder or glue in place.

No. 34049	\$3.00 pack
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Hand Bushing Assortment - Brass



12 minute and hour hand bushings. For mechanical and quartz movements.

No. 21099	\$6.50 pack
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Cuckoo Clock Hand Bushings - Brass



12-pack.

No. 32328	2.0mm square ID	\$7.00
No. 11208	2.5mm square ID	\$7.00

French Clock Hand Bushings - Brass



2.0mm square ID minute bushing and 4.5mm round hole hour bushing ID. Set of 2.

No. 11625	\$4.00 set
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Hand Bushing Assortment - Brass



6 hour hand bushings with 4.5mm ID & 6 minute hand bushings with 2.0mm square ID. Fits all Hermle movements except #1171-890 and all Urgos movements.

No. 16900	\$8.50 pack
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Hand Bushings - #2 Seth Thomas - Brass



For Seth Thomas and others. 1-3.2mm square minute, 1 hour bushing in a pack.

No. 19259	\$4.00 pack
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Quartz Second Hand Bushings - Brass



4mm and 6mm diameter. 12-pack.

No. 20968	\$5.00 pack
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Hand Bushings & Hand Nuts

Hand Nuts - Brass (Inch Sizes)



12 assorted for American clocks.
No. 10408 **\$7.50 pack**

Hand Nuts - Brass (Metric Sizes)



12 assorted for 2.0mm shafts. India.
No. 13707 **\$3.50 pack**

Hand Nuts-Cuckoo - (Metric Sizes) Brass



12 assorted for cuckoo clocks.
No. 10539 **\$10.00 pack**

Hand Nuts - Brass (Metric Sizes)



12-piece assortments. Two different styles in each. #11269 fits Hermle #141, #340, #341, #451 and #1161 movements and has a 2.0mm internal thread. No. #19290 fits #1171 movement and has a 2.5mm internal thread.
No. 11269 Mantel, 400-Day, Shelf **\$9.50**
No. 19290 Floor Clocks **\$12.50**

Quartz Hand Nut Assortment - (Metric Sizes) - Brass



Open and cap nuts. For #577, #2100, #2200, #2214 & #2215 Hermle quartz movements. For 3.5mm hand shafts. 12-piece assortment.
No. 23963 **\$13.00 pack**

Hand Nuts - Kieninger - (Metric Sizes)




12 blackened nuts, 6 each of 2 different styles.
No. 18733 **\$11.50 pack**

Hand Nuts - Brass (Metric Sizes)



12 assorted. India.
No. 23713 **\$5.00 pack**


Second Hand Pipe Assortment - Brass



12-pack. 9/16" to 1-3/16" long.
No. 23109 **\$6.50 pack**


Hands, Tools, & Related

Perma Blue



Bluing solution for hands and other small parts. 3 fl. oz.
No. 20522 **\$10.50 each**

Hand Protectors



Use clear plastic hand protectors when shipping or packing clocks.
No. 19357 For Up To 3-7/8" Hands
No. 19358 For Up To 4-7/8" Hands
75¢ each

Hand Bushing Adjusting Tool



Steel shaft. Wood handle. For turning and adjusting square minute hand bushings. 7".
No. 19439 **\$7.50 each**

Keys, Single End

Key Conversion Chart

Key Size	American Sizes	Swiss Sizes	Watch Sizes
#00000			
#0000	1.6mm	1.25mm	—
#000	1.8mm	1.50mm	—
#00	2.0mm	1.75mm	—
#0	2.2mm	2.00mm	2.00mm
#1	2.4mm	2.25mm	1.90mm
#2	2.6mm	2.50mm	1.80mm
#3	2.8mm	2.75mm	1.75mm
#4	3.0mm	3.00mm	1.65mm
#5	3.2mm	3.25mm	1.60mm
#6	3.4mm	3.50mm	1.50mm
#7	3.6mm	3.75mm	1.40mm
#8	3.8mm	4.00mm	1.30mm
#9	4.0mm	4.25mm	1.20mm
#10	4.2mm	4.50mm	1.15mm
#11	4.4mm	4.75mm	1.05mm
#12	4.6mm	5.00mm	1.00mm
#13	4.8mm	5.25mm	0.95mm
#14	5.0mm	5.50mm	—
#15	5.2mm	5.75mm	—
#16	5.4mm	6.00mm	—
#17	5.6mm	6.25mm	—
#18	5.8mm	6.50mm	—
#19	6.0mm	6.75mm	—
#20	6.2mm	7.00mm	—
#21	6.4mm	7.25mm	—
#22	6.6mm	7.50mm	—
#23	6.8mm	7.75mm	—
#24	7.0mm	8.00mm	—
#25	7.2mm	8.25mm	—
	7.4mm	8.50mm	—

Herschede & Revere Electric Setting Key - Brass



Used on electric Herschede and Revere mantel clocks for fast/slow adjustments. China.
No. 11200 **\$14.00 each**

American Made Keys - Brass



13/16" long shaft. brass with brass plated steel wings for extra strength. American sizes.


No. 19934	#000	2.0mm
No. 19935	#00	2.2mm
No. 10044	#0	2.4mm
No. 10045	#1	2.6mm
No. 10046	#2	2.8mm
No. 10047	#3	3.0mm
No. 10048	#4	3.2mm
No. 10049	#5	3.4mm
No. 10050	#6	3.6mm
No. 10051	#7	3.8mm
No. 10052	#8	4.0mm
No. 10053	#9	4.2mm
No. 10054	#10	4.4mm
No. 10055	#11	4.6mm
No. 10056	#12	4.8mm

\$2.75 each **\$31.20/ 12 (\$2.60)**
\$125.00/ 50 (\$2.50)

Brass Key Assortment

One each of the above. 15 keys on a ring.
No. 15670 **\$38.50 set**

Nickeled Keys - Brass



Swiss sizes. India.


No.32275	#00	2.00mm
No.32276	#0	2.25mm
No.32277	#1	2.50mm
No.32278	#2	2.75mm
No.32279	#3	3.00mm
No.32280	#4	3.25mm
No.32281	#5	3.50mm
No.32282	#6	3.75mm

\$2.50 each **\$6.75/ 3 (\$2.25)**

No.32283	#7	4.00mm
No.32284	#8	4.25mm
No.32285	#9	4.50mm
No.32286	#10	4.75mm
No.32287	#11	5.00mm
No.32288	#12	5.25mm
No.32289	#13	5.50mm
No.32290	#14	5.75mm
No.32291	#15	6.00mm
No.32292	#16	6.25mm

\$2.75 each **\$7.50/ 3 (\$2.50)**

Clock Keys - Commercial Grade Brass




Economical keys in popular sizes. India.

No. 17840	#6	3.6mm
No. 17841	#7	3.8mm
No. 17842	#8	4.0mm

\$2.00 each **\$21.00 12 (\$1.75)**

One each of above sizes on a key ring.
No. 12786 **\$5.50 set**

Seikoshia Style Key - Nickel Steel



For 8-day and 31-day clocks. Swiss sizes. India.

No. 19590	#6	3.75mm	\$2.50 each
No. 32503	#8	4.25mm	\$2.50 each
No. 32504	#10	4.75mm	\$2.50 each

Keys, Single End

Keys - Brass



Swiss sizes. India.

No. 32505.....#000	1.75mm
No. 29577.....#00	2.00mm
No. 29578.....#0	2.25mm
No. 29579.....#1	2.50mm
No. 29580.....#2	2.75mm
No. 29581.....#3	3.00mm
No. 29582.....#4	3.25mm
No. 29583.....#5	3.50mm
No. 29584.....#6	3.75mm
\$2.25 each \$6.00/ 3 (\$2.00)	
No. 29585.....#7	4.00mm
No. 29586.....#8	4.25mm
No. 29587.....#9	4.50mm
\$2.50 each \$6.75/ 3 (\$2.25)	
No. 29588.....#10	4.75mm
No. 29589.....#11	5.00mm
No. 29590.....#12	5.25mm
No. 29591.....#13	5.50mm
\$2.75 each \$7.50/ 3 (\$2.50)	
No. 29592.....#14	5.75mm
No. 29593.....#15	6.00mm
No. 29594.....#16	6.25mm
No. 32506.....#17	6.50mm
No. 32507.....#18	6.75mm
\$3.00 each \$8.25/ 3 (\$2.75)	

Nicked Keys - Steel



Economical. Nicked. Swiss sizes. India.

No. 29499.....#00	2.00mm
No. 29501.....#1	2.50mm
No. 29502.....#2	2.75mm
No. 23792.....#3	3.00mm
No. 19250.....#4	3.25mm
No. 19251.....#5	3.50mm
No. 19252.....#6	3.75mm
No. 19253.....#7	4.00mm
No. 19254.....#8	4.25mm
\$2.50 each \$6.75/ 3 (\$2.25)	
No. 29503.....#9	4.50mm
No. 29504.....#10	4.75mm
No. 29505.....#11	5.00mm
No. 29506.....#12	5.25mm
\$2.75 each \$7.50/ 3 (\$2.50)	

Long Shaft Keys - Brass



Fits calendar and anniversary clocks. 1-5/16" shaft length. American sizes. USA.

No. 10103.....#3	3.0mm
No. 10104.....#4	3.2mm
No. 10105.....#6	3.6mm
No. 10106.....#8	4.0mm
No. 10107.....#11	4.6mm
\$3.00 each \$33.00/ 12 (\$2.75)	

Extra Long Shaft Keys - Brass



Swiss sizes. 1-7/8" long shafts. India.

No. 32546.....#000	1.75mm
No. 29468.....#00	2.00mm

No. 29469.....#0	2.25mm
No. 29470.....#1	2.50mm
No. 29471.....#2	2.75mm
No. 29472.....#3	3.00mm
No. 29473.....#4	3.25mm
No. 29474.....#5	3.50mm
No. 29475.....#6	3.75mm
\$2.75 each \$7.50/ 3 (\$2.50)	

No. 29476.....#7	4.00mm
No. 29477.....#8	4.25mm
No. 29478.....#9	4.50mm
\$3.00 each \$8.25/ 3 (\$2.75)	
No. 29479.....#10	4.75mm
No. 29480.....#11	5.00mm
No. 29481.....#12	5.25mm
\$3.50 each \$9.75/ 3 (\$3.25)	

Long Shaft Heavy Duty Key - Steel



Nicked #6 (3.6mm) key for heavy duty winding. American size.

No. 33061 \$3.00 each

Extra Large Wing Keys - Brass



Oversized wings for disabled or elderly. American sizes. USA.

No. 10179.....#6	3.6mm
No. 10180.....#7	3.8mm
No. 10181.....#8	4.0mm
No. 34347.....#9	4.2mm
No. 10182.....#10	4.4mm
No. 10183.....#12	4.8mm
No. 29690.....#13	5.0mm
No. 10058.....#14	5.2mm
No. 23733.....#16	5.6mm
\$4.00 each \$11.25/ 3 (\$3.75)	

All-In-One Key Set - Brass



19-piece set contains 1 extra large winged master and 18 individual small ends to fit #000 through #15 in Swiss sizes. In a plastic box.

No. 34026 \$24.00 set

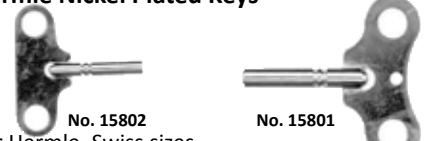
Extra Large Wing Keys - Brass



For disabled or elderly. Swiss sizes. India.

No. 32866.....#0	2.25mm
No. 32869.....#3	3.00mm
No. 32870.....#4	3.25mm
No. 32871.....#5	3.50mm
No. 32330.....#6	3.75mm
No. 32331.....#7	4.00mm
No. 32332.....#8	4.25mm
No. 32333.....#9	4.50mm
No. 32334.....#10	4.75mm
No. 32335.....#11	5.00mm
No. 32336.....#12	5.25mm
No. 32338.....#14	5.75mm
No. 32339.....#15	6.00mm
\$3.50 each \$39.00/ 12 (\$3.25)	

Hermle Nickel Plated Keys



For Hermle. Swiss sizes.

No. 15802.....#3	3.00mm	\$7.50 each
No. 15801.....#7	4.00mm	\$6.00 each

One each of above sizes on a key ring.

No. 12785 \$12.50 set

German Style Key - Nickered



For many current production German movements and others. Swiss sizes. China.

No. 32549.....#8 (4.25mm)	\$3.50 each
No. 32550.....#9 (4.50mm)	\$3.50 each

Long Shaft Schatz Style Key - Brass



Shaft is 2-5/16" long. India.

No. 20413.....#3 (3.0mm)	\$5.50 each
No. 34348.....#7 (4.0mm)	\$5.50 each

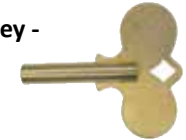
Trademark Keys - Brass



American sizes. USA.

No. 10174.....Ansonia #6	3.6mm
No. 19983.....Chelsea #000	2.0mm
No. 20412.....Chelsea #3	3.0mm
No. 10186.....Gilbert #6	3.6mm
No. 10175.....Ingraham #6	3.6mm
No. 10176.....Ithaca #7	3.8mm
No. 19561.....Kroeber #6	3.6mm
No. 10199.....New Haven #6	3.6mm
No. 15500.....Sessions #6	3.6mm
No. 10187.....S. Thomas #6	3.6mm
No. 10177.....Waterbury #6	3.6mm
No. 10178.....Welch #7	3.8mm
\$4.25 each \$12.00/3 (\$4.00)	

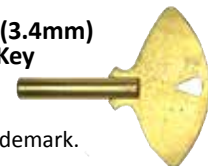
Chelsea #5 Key - Brass



3.4mm. Used on many early Chelsea clocks. No trademark, just like the originals.

No. 33792 \$5.50 each

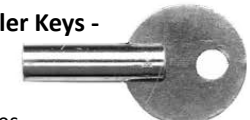
Chelsea #5 (3.4mm) Single End Key



Brass. No trademark.

No. 34262 \$5.00 each

Lux & Keebler Keys - Nickered



American sizes.

No. 10171.....#1	2.6mm	\$3.00 each
No. 20815.....#2	2.8mm	\$3.00 each
No. 10172.....#3	3.0mm	\$3.00 each

Lux & Keebler Key Assortment

One each of the above. 3 keys on a ring.

No. 22882 \$8.50 set

Keys, Single End

French Keys-Nickel



Swiss sizes. India.

No. 29566.....#3	3.00mm	
No. 29567.....#4	3.25mm	
No. 29568.....#5	3.50mm	
No. 29569.....#6	3.75mm	
No. 29570.....#7	4.00mm	
No. 29571.....#8	4.25mm	
No. 29694.....#9	4.50mm	
No. 29695.....#10	4.75mm	
No. 29696.....#11	5.00mm	
No. 31055.....#12	5.25mm	
No. 31056.....#13	5.50mm	
No. 31057.....#14	5.75mm	
No. 31058.....#15	6.00mm	
No. 31060.....#17	6.50mm	
No. 31061.....#18	6.75mm	
\$4.00/each \$11.25 / 3 (\$3.75)		

Novelty Key - Nickel

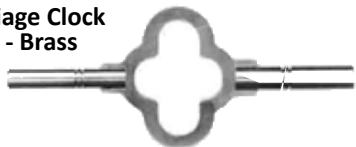


German made keys for novelty clocks.

No. 10193.....#2	2.75mm	
\$2.00 each \$5.25 / 3 (\$1.75)		

Keys - Double End

Carriage Clock Keys - Brass



Top quality. Swiss sizes. China.

No. 18878 ... #3/00	3.00/2.0mm	\$15.50
No. 18879 ... #4/00	3.25/2.0mm	\$15.50
No. 18880 ... #5/00	3.50/2.0mm	\$15.50
No. 18881 ... #6/00	3.75/2.0mm	\$15.50
No. 18882 ... #7/00	4.00/2.0mm	\$15.50

Carriage Clock Key - Brass



Gold plated. #3 (3.00mm) large end. #00000 (1.25mm) small end. Swiss size. China.

No. 29719	\$10.00 each	
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Travel Clock Keys - Brass



Swiss sizes. India.

No. 34349#1/#000	2.50mm/1.75mm	
No. 34350#3/#000	3.00mm/1.75mm	
No. 34351.....#4/#000	3.25mm/1.75mm	
No. 34352.....#5/#000	3.50mm/1.75mm	
No. 34353.....#6/#000	3.75mm/1.75mm	
No. 34354.....#1/#0	2.50mm/1.95mm	
No. 34355.....#3/#0	3.00mm/1.95mm	
No. 34356.....#4/#0	3.25mm/1.95mm	
No. 34357.....#5/#0	3.50mm/1.95mm	
No. 34358.....#6/#0	3.75mm/1.95mm	
\$2.75 each \$7.50 / 3 (\$2.50)		

Carriage Clock Keys - Brass



American sizes. USA

No. 10123.....#2/0000	2.8/1.8mm	
No. 10127.....#6/0000	3.6/1.8mm	
No. 10128.....#7/0000	3.8/1.8mm	
\$3.00 each \$16.50 / 6 (\$2.75)		

Brass Double End Keys -



Brass plated steel wings. Brass shafts American sizes.

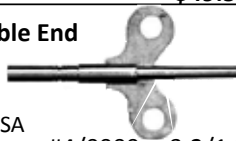
No. 10077.....#4/0	3.2/2.4mm	
No. 10078.....#5/0	3.4/2.4mm	
No. 10079.....#6/0	3.6/2.4mm	
No. 10080.....#7/0	3.8/2.4mm	
No. 10081.....#8/0	4.0/2.4mm	
No. 10082.....#4/000	3.2/2.0mm	
No. 10083.....#5/000	3.4/2.0mm	
No. 10084.....#6/000	3.6/2.0mm	
No. 10085.....#7/000	3.8/2.0mm	
No. 10086.....#8/000	4.0/2.0mm	
No. 23925.....#6/0000	3.6/1.8mm	
No. 10087.....#4/00000	3.2/1.6mm	
No. 10088.....#5/00000	3.4/1.6mm	
No. 10089.....#6/00000	3.6/1.6mm	
No. 10090.....#7/00000	3.8/1.6mm	
No. 10091.....#8/00000	4.0/1.6mm	
\$3.50 each \$39.00 / 12 (\$3.25)		

Double End Key Assortment

One each of the above 16 keys on a ring.

No. 15671	\$49.50 set
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Long Shaft Double End Keys - Brass



American sizes. USA

No. 10098#4/0000	3.2/1.8mm	
No. 34375.....#6/000	3.6/2.0mm	
No. 10099.....#6/0000	3.6/1.8mm	
No. 34376.....#6/00000	3.6/1.6mm	
No. 10100.....#8/0	4.0/2.4mm	
\$5.00 each \$14.25 / 3 (\$4.75)		
No. 10101.....#9/0000	4.2/1.8mm	
\$6.00 each \$17.25 / 3 (\$5.75)		

Double End Trademark Keys - Brass



American sizes. USA.

No. 34027.....#6/0000	3.6/1.8mm	Herschede
No. 10196.....#6/0000	3.6/1.8mm	Sessions
No. 19938.....#4/0000	3.2/1.8mm	S. Thomas
No. 10197.....#6/0000	3.6/1.8mm	S. Thomas
No. 10198.....#6/0000	3.6/1.8mm	Waterbury
\$5.00 each \$57.00 / 12 (\$4.75)		

Double End Keys - Nickle



Swiss sizes. India.

No. 32510.....#3/000	3.00/1.75mm	
No. 19591.....#4/000	3.25/1.75mm	
No. 19592.....#5/000	3.50/1.75mm	
No. 19593.....#6/000	3.75/1.75mm	
No. 19594.....#7/000	4.00/1.75mm	
No. 32511.....#8/000	4.25/1.75mm	
No. 32512.....#9/000	4.50/1.75mm	
No. 32513.....#10/000	4.75/1.75mm	
No. 19595.....#4/00	3.25/1.95mm	
No. 19596.....#5/00	3.50/1.95mm	

No. 19597.....#6/00	3.75/1.95mm	
No. 19598.....#7/00	4.00/1.95mm	
\$2.50 each \$27.00 / 12 (\$2.25)		

Large End & Wing Refills - Brass



Refills for No. 29195 assortment. American sizes. USA.

No. 29196.....#4	3.2mm Large End	
No. 29197.....#5	3.4mm Large End	
No. 29198.....#6	3.6mm Large End	
No. 29199.....#7	3.8mm Large End	
No. 29200.....#8	4.0mm Large End	
\$2.25 each \$10.00 / 5 (\$2.00)		

Small End Refills - Brass



Fits above key wings. American sizes. USA

No. 24176.....#00000	1.6mm Small End	
No. 24177.....#0000	1.8mm Small End	
No. 24178.....#000	2.0mm Small End	
No. 24179.....#00	2.2mm Small End	
No. 24180.....#0	2.4mm Small End	
No. 24181.....#1	2.6mm Small End	
\$1.00 each \$9.00 / 12 (\$0.75)		

Double End Brass Key 33-Piece Assortment



Assemble your own brass double end keys from our assortment of American sizes. Includes 3 each of #4, #5, #6, #7, and #8 (3.2mm, 3.4mm, 3.6mm, 3.8mm, and 4.0mm) large ends with wings for turning. Includes 3 each of small ends #00000, #0000, #000, #00, #0 and #1 (1.6mm, 1.8mm, 2.0mm, 2.2mm, 2.4mm and 2.6mm). Choose the combination you need and assemble.

No. 29195	\$3200 set
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Large End & Wing Refills - Brass

Wing and Shaft Included



Swiss sizes. India.

No. 29165#3	(3.00mm) Large End	
No. 29166.....#4	(3.25mm) Large End	
No. 29167.....#5	(3.50mm) Large End	
No. 29168.....#6	(3.75mm) Large End	
No. 29169.....#7	(4.00mm) Large End	
No. 29170.....#8	(4.25mm) Large End	
\$2.25 each \$12.00 / 6 (\$2.00)		

Small End Refills - Brass

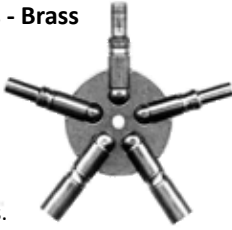


These ends fit above wings. Swiss sizes. India.

No. 24664.....#1.60mm	Small End	
No. 24665.....#1.65mm	Small End	
No. 24666.....#1.70mm	Small End	
No. 24667.....#1.75mm	Small End	
No. 24668.....#1.85mm	Small End	
No. 24669.....#1.95mm	Small End	
\$1.25 each \$12.00 / 12 (\$1.00)		

Keys - Multi-Prong

5-Prong Keys - Brass



American sizes.

No. 10092 Even Sizes 4-6-8-10-12

No. 10093 Odd Sizes 3-5-7-9-11

No. 10094 Mixed Sizes 0-1-2-13-14

\$10.00 each \$29.25/ 3 (\$9.75)

5-Prong Key Assortment

One of each of the above 3 keys on a ring.

No. 22839 **\$26.50 set**

5-Prong Keys - Brass

Swiss sizes. India.

No. 19261 Even Sizes 2-4-6-8-10

No. 32972 Even Sizes 4-6-8-10-12

No. 19262 Odd Sizes 3-5-7-9-11

\$6.00 each \$11.50/ 2 (\$5.75)

5-Prong Key Assortment

One each of #19261 and #19262 keys on a ring.

No. 22850 **\$11.50 set**

4-Prong Keys Brass



American sizes.

No. 10095 Even Sizes 6-8-10-12

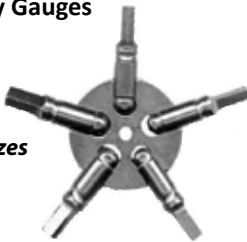
No. 10096 Odd Sizes 5-7-9-11

No. 10097 Mixed Sizes 3-4-13-14

\$10.75 each \$31.50/ 3 (\$10.50)

Key Gauges

5-Prong Key Gauges



American Sizes

Insert key over gauge and read size. USA.

No. 10010 Even Sizes 4-6-8-10-12

No. 10011 Odd Sizes 3-5-7-9-11

No. 10012 Mixed Sizes 0-1-2-13-14

\$14.25 each \$42.00/ 3 (\$14.00)

Key Gauges



Indicates key size in millimeters. Swiss sizes run smaller than American sizes. India.

American Sizes #000 through #18 (2.00mm through 6.00mm)

No. 30466 **\$28.00 each**

Swiss Sizes #000 through #15 (1.75mm through 6.00mm)

No. 19258 **\$18.00 each**

Keys - Cranks & Winders

Grandfather Cranks - Brass Shafts



Hardwood handles. American sizes. USA.

No. 10018 #8 4.0mm

No. 10019 #9 4.2mm

No. 10020 #10 4.4mm

No. 10021 #11 4.6mm

No. 10022 #12 4.8mm

No. 10023 #13 5.0mm

No. 10024 #14 5.2mm

No. 10025 #15 5.4mm

No. 10026 #16 5.6mm

No. 10028 #18 6.0mm

No. 10030 #20 6.4mm

No. 10032 #22 6.8mm

\$18.50 each \$54.00/ 3 (\$18.00)

Grandfather Cranks - Brass Shafts - Closeout



Hardwood handle. Switzerland. **Was \$17.50.**

No. 33411 #4 3.2mm **\$8.00 each**

No. 33415 #21 6.6mm **\$8.00 each**

No. 33416 #23 7.0mm **\$8.00 each**

Grandfather Cranks - Steel Shafts



For better wear and greater strength.

Hardwood handles. American sizes. USA.

No. 33054 #8 4.0mm

No. 33055 #10 4.4mm

No. 33056 #11 4.6mm

No. 33057 #12 4.8mm

No. 33059 #14 5.2mm

\$16.25 each \$48.00/ 3 (\$16.00)

Fancy Cranks - Brass Shafts



Wood handles. Swiss sizes. India.

No. 31047 #6 3.75mm

No. 31048 #7 4.00mm

No. 29253 Made in UK... #8 4.25mm

No. 31049 #9 4.50mm

No. 31050 #10 4.75mm

No. 34006 #11 5.00mm

No. 34007 #12 5.25mm

No. 34008 #13 5.50mm

No. 34009 #14 5.75mm

No. 34010 #15 6.00mm

No. 34011 #16 6.25mm

\$10.00 each \$29.25/3 (\$9.75)

Grandfather Cranks - Brass Shafts



Hardwood handle. Swiss sizes. India.

No. 23798 #4 3.25mm

No. 23799 #5 3.50mm

No. 23771 #6 3.75mm

No. 19910 #7 4.00mm

No. 22854 #8 4.25mm

No. 22855 #9 4.50mm

No. 19238 #10 4.75mm

No. 19239 #11 5.00mm

No. 19240 #12 5.25mm

No. 22856 #13 5.50mm

No. 19241 #14 5.75mm

No. 20677 #15 6.00mm

No. 19242 #16 6.25mm

No. 31053 #18 6.75mm

No. 31054 #20 7.25mm

\$9.50 each \$27.75/ 3 (\$9.25)

Morbier Style Cranks - Steel Shafts



Wood handles. Swiss sizes. India.

No. 23990 #6 3.75mm

No. 23991 #7 4.00mm

No. 23992 #8 4.25mm

No. 23993 #9 4.50mm

No. 23994 #10 4.75mm

No. 23995 #11 5.00mm

No. 23996 #12 5.25mm

No. 23997 #13 5.50mm

\$8.50 each \$24.75/ 3 (\$8.25)

E. Howard Trademark Crank - Brass Shaft



#4 (3.2mm). Steel handle. American size. USA.

No. 20268 **\$6.00 each**

S. Thomas #3 Crank - Brass Shaft



#6 (3.6mm). Steel handle. Used on #3 S.

Thomas and others. USA.

No. 20420 **\$6.50 each**

Fancy Vienna Cranks - Brass



American sizes. India.

No. 20057 #000 2.0mm **\$5.50**

No. 20058 #00 2.2mm **\$5.50**

No. 20059 #0 2.4mm **\$5.50**

No. 20060 #1 2.6mm **\$5.50**

No. 20061 #2 2.8mm **\$5.50**

No. 20062 #3 3.0mm **\$5.50**

Keys - Cranks & Winders

Vienna/"OG" Cranks - Brass Shafts



Steel handles. American sizes. USA.

No. 10033	#000	2.0mm
No. 10034	#00	2.2mm
No. 10035	#0	2.4mm
No. 10036	#1	2.6mm
No. 10037	#2	2.8mm
No. 10038	#3	3.0mm
No. 10039	#4	3.2mm
No. 10040	#5	3.4mm
No. 10041	#6	3.6mm
No. 10042	#7	3.8mm
No. 10043	#8	4.0mm
<hr/>		
\$2.75 each	\$30.00/ 12 (\$2.50)	

Vienna/"OG" Cranks - Brass Shafts



Steel handles. Swiss sizes. India.

No. 19822	#00	2.00mm
No. 19641	#0	2.25mm
No. 19642	#1	2.50mm
No. 19643	#2	2.75mm
No. 19644	#3	3.00mm
No. 19645	#4	3.25mm
No. 19646	#5	3.50mm
No. 19647	#6	3.75mm
No. 19648	#7	4.00mm
No. 19649	#8	4.25mm
No. 19650	#9	4.50mm
No. 19651	#10	4.75mm
No. 19652	#11	5.00mm
No. 19653	#12	5.25mm
No. 19654	#13	5.50mm
<hr/>		
\$2.50 each	\$27.00/ 12 (\$2.25)	

Vienna/OG Cranks - Brass



Swiss sizes. India.

No. 32063	#00	2.00mm
No. 32064	#0	2.25mm
No. 32065	#1	2.50mm
No. 32066	#2	2.75mm
No. 32067	#3	3.00mm
No. 32068	#4	3.25mm
No. 32069	#5	3.50mm
No. 32070	#6	3.75mm
<hr/>		
\$5.00 each	\$14.25/ 3 (\$4.75)	

Time Clock Cranks - Brass Shafts



Steel T-bar. 3-3/4" shaft. American sizes. USA.

No. 10173	#20	6.4mm	\$15.00 each
No. 10065	#23	7.0mm	\$15.00 each

E-Z Winders



Key Not Included

Place key wing in the slots to wind a clock more easily. Slotted on the side and on one end. Black poly. India.

No. 34157	1.0mm & 1.5mm Slots	\$6.50
No. 23136	1.0mm & 2.0mm Slots	\$6.50

Keys - Let Down & Related

Wood Stand



For our let-down sets. 10 holes.
No. 15978 **\$9.00 each**

Let-Down Sets



Use to wind clocks, as a key gauge, or to release mainsprings. A must-have tool! USA.

American Sizes

4-Piece Set includes 5-6, 7-8, 10-12 chucks and a plastic handle.
No. 15808 **\$32.00 set**
7-Piece Set includes 1-2, 3-4, 5-6, 7-8, 10-12, 14-16 chucks, and a plastic handle.
No. 10066 **\$50.00 set**

Swiss Sizes

8-Piece Metric Set includes 2.25/2.5mm, 2.75/3.0mm, 3.25/3.5mm, 3.75/4.0mm, 4.25/4.5mm, 4.75/5.0mm, 5.25/5.5mm chucks, and a plastic handle.
No. 20051 **\$76.00 set**

Additional Chucks - Steel



American Sizes:

No. 10067	#0-00	2.4/2.2mm Chuck
No. 10068	#1-2	2.6/2.8mm Chuck
No. 10069	#3-4	3.0/3.2mm Chuck
No. 10070	#5-6	3.4/3.6mm Chuck
No. 10071	#7-8	3.8/4.0mm Chuck
No. 10072	#9-11	4.2/4.6mm Chuck
No. 10073	#10-12	4.4/4.8mm Chuck
No. 10074	#14-16	5.2/5.6mm Chuck

Swiss Sizes:

No. 20410 5.25/5.5mm Chuck
\$8.50 each \$24.75/ 3 (\$8.25)



No. 10075 Alarm Chuck **\$11.25 each**

Let Down Handle - Standard



No. 10076 . Plastic **\$15.50 each**

Let Down Handle -Ergonomic Style



Perfect for weak or arthritic users. Larger tapered plastic grip fits hand comfortably for ease of winding or releasing mainsprings. Overall length 4-3/4".
No. 32318 **\$19.00 each**

Keys - Watch

Watch Keys



Swiss sizes. India.

No. 17828	#00	2.00mm
No. 17829	#0	1.90mm
No. 17830	#1	1.80mm
No. 17831	#2	1.75mm
No. 17832	#3	1.65mm
No. 17833	#4	1.60mm
No. 17834	#5	1.50mm
No. 17835	#6	1.40mm
No. 17836	#7	1.30mm
No. 17837	#8	1.20mm
No. 17838	#9	1.15mm
No. 18396	#10	1.05mm
No. 18397	#11	1.00mm
No. 18398	#12	0.95mm
<hr/>		
\$1.50 each	\$15.00/ 12 (\$1.25)	

Watch Key Assortment

One each of the above. 14 keys on a ring.
No. 17839 **\$9.50 set**

Watch Crown Winder



Adjustable. For winding wrist watches. India.
No. 23455 5.0mm **\$6.50 each**

5-Prong Watch Keys - Nickeled



Swiss sizes. India.

No. 19658	Even Sizes (2-4-6-8-10)
No. 19659	Odd Sizes (3-5-7-9-11)
<hr/>	
\$5.00 each	\$9.50/ 2 (\$4.75)

5-Prong Watch Key Assortment

One each of the above 2 keys on a ring.
No. 23831 **\$9.50 set**

Closeout Keys

Closeout Key Items:

German Made Brass Keys



Were \$3.00-\$4.00.
No. 00378 #000 1.75mm **\$1.00 each**
No. 00521 #1 2.50mm **\$1.00 each**

India.
No. 00522 #1 2.60mm **\$1.00 each**

German Made Nickeled Key



Was \$4.50.
No. 00524 #4 3.25mm **\$1.50 each**

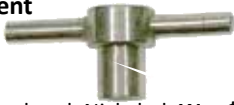
German Made Brass Double End Key



India. Was \$2.25.
No. 00539 #5/#000 3.4mm/2.0mm **\$1.00**

Closeout Keys

Music Movement Key



M3.5 x 1/4" under head. Nicked. Was \$1.00. No. 01235 50¢ each

Keys & Setters - Miscellaneous

Alarm Keys 72-Piece Assortment



Nickel plated for alarm and travel clocks. India. No. 10600 \$29.50 pack

Set Knob - Brass



Knurled. For small clocks. 8mm OD x 8mm overall length. 2.5mm thread. China. No. 29708 \$2.00 each

Set Knob - Brass



Knurled brass. Use on small clocks. 10mm OD x 4mm thick. 2.0mm internal thread. China. No. 29709 \$2.00 each

72-Piece Hand Setter Assortment



Nicked, threaded and split. India. No. 10601 \$26.50 pack

Plastic Key Holder



12-piece pack. Attach to your case. India. No. 15492 \$3.50 pack

False Winding Arbors



Use when replacing mechanical with quartz movements. 4mm winding square with 19mm round mounting disk. No. 18304 8mm Long \$1.50 each
No. 17734 12mm Long \$1.50 each
No. 17735 24mm Long \$1.50 each

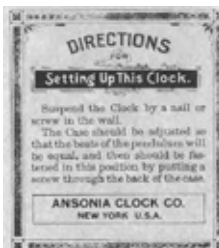
Paper Clock Labels

Accurate reproductions.



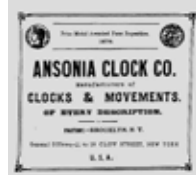
Ansonia Clock Co. 4-3/4" x 5-3/8"

No. 12638 ... \$1.50



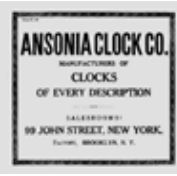
Ansonia Clock Co. 6-1/8" x 7"

No. 12640 ... \$1.50



Ansonia Clock Co.

5-5/8" x 5"
No. 12642 ... \$1.50



Ansonia Clock Co.

5-5/8" x 5-3/8"
No. 12643 ... \$1.50



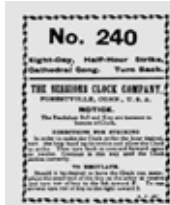
Ansonia Clock Co.

6-1/8" x 6-7/8" Gold On Black
No. 12644 .. \$2.50



E. Ingraham Clock Co.

8-3/8" x 8"
No. 12648 ... \$1.50



Sessions Clock Co.

2-3/8" x 3"
No. 12658 ... \$1.50



Sessions Clock Co.

6" x 6-3/4"
No. 12659 ... \$1.50



Seth Thomas Clock Co.

10-1/2" x 2-3/4"
No. 12660 ... \$1.50



Seth Thomas Clock Co.

3" x 5-1/4"
No. 12661 ... \$1.50



Seth Thomas Clock Co.

5-1/2" x 5-1/2"
No. 12662 ... \$1.50



Seth Thomas Clock Co.

6" x 6-7/8"
No. 12664 ... \$1.50



Seth Thomas Clock Co.

3" x 6-1/4"
No. 12666 ... \$1.50



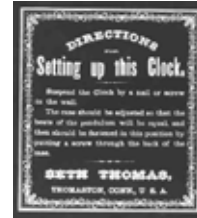
Seth Thomas Clock Co.

7" x 2-3/4"
No. 12667 ... \$1.50



Seth Thomas Clock Co.

3-3/8" x 3-3/8"
No. 12668 ... \$1.50



Seth Thomas Clock Co.

6" x 6-7/8" Gold On Black
No. 12669 ... \$2.50



Waterbury Clock Co.

4-5/8" x 4-3/8"
No. 12672 ... \$1.50



Waterbury Clock Co.

4-3/4" x 5-3/8"
No. 12673 ... \$1.50



Welch, Spring and Co.

6-1/2" x 6-1/8"
No. 12676 ... \$1.50

Clock Label Assortment



12 assorted. Styles may vary. No. 20044 \$12.50 pack

Mainsprings & Related

Mainsprings - Ansonia Swinger Hole End



For original movements. No. 16819 19 x 0.36 x 2286mm \$17.50
For reproduction movements. No. 14235 19 x 0.37 x 1829mm \$17.50

Barrel Mainsprings - Hole End



Fits Hermle and other movements.
No. 15926 #31 12 x 0.34 x 1150mm
No. 15927 #30, #32 12 x 0.42 x 1100mm
No. 15928 #33 12 x 0.32 x 1150mm
\$11.00 each \$32.25/ 3 (\$10.75)
No. 15921 #10 17 x 0.45 x 1490mm
No. 15922 #11 17 x 0.42 x 1500mm
No. 15924 #21 17 x 0.40 x 1200mm
No. 15929 #40, #42 17 x 0.38 x 1100mm
No. 15933 #52 17 x 0.42 x 1200mm
No. 15924 #50, #56 17 x 0.40 x 1200mm
\$13.00 each \$38.25/ 3 (\$12.75)
No. 15930 #41 21 x 0.40 x 1550mm
No. 15934 #54 21 x 0.42 x 1900mm
No. 15935 #55 21 x 0.45 x 1800mm
\$17.50 each \$51.75/ 3 (\$17.25)

French Mainspring - Hole End



11/16" x .014" x 54". Fits many French clocks and others. China. No. 14204 \$13.00 each

Chelsea Hole End Mainsprings

Quality German manufactured hole-end mainsprings designed specifically for Chelsea clocks, can also be used on others.



Part #	Model #	Chelsea #	Size MM	Price	Chelsea Notes
No. 34020	K	#862	12.7 x 0.315 x 838	\$12.50	Smallest time only
No. 34021	L T/S	#79-D	13.5 x 0.28 x 1675	\$15.00	Older bell
No. 17492	16E	#8832	13.5 x 0.25 x 1828	\$15.00	Deck clock
No. 34022	L T/S	#79-B	13.5 x 0.295 x 1562	\$15.00	Older models
No. 34023	4L T/S	#9665	16.6 x 0.24 x 1968	\$19.50	Current models
No. 33499	L S/S	#174	16.6 x 0.28 x 1829	\$19.50	Older models
No. 34024	4L S/S	#9665-A	16.6 x 0.28 x 1803	\$19.50	Current models
No. 34025	12E	#7374	16.6 x 0.28 x 2135	\$19.50	Black phenolic military

Mainsprings & Related

8-Day Mainsprings - Loop End



Asian Made

5/8" x .0175" x 96"	
No. 14222	\$19.50 each
3/4" x .0165" x 78"	
No. 00048	\$12.50 each
3/4" x .0165" x 96" mainspring offers a more reasonable replacement for American clocks after a complete overhaul.	
No. 18790	\$15.50 each
\$45.75/3 (\$15.25)	\$150.00/ 10 (\$15.00)
3/4" x .0175" x 96"	
No. 14320	\$16.50 each
\$48.75/3 (\$16.25)	\$160.00/ 10 (\$16.00)
3/4" x .018" x 96"	
No.29936	\$21.50 each
\$63.75/3 (\$21.25)	\$210.00/10 (\$21.00)
3/4" x .020" x 96"	
No. 32547	\$21.50 each

German Made

No. 32927 ....3/4" x .0165" x 96"	\$22.50
No. 32928 ....3/4" x .0177" x 96"	\$22.50
\$66.75/ 3 (\$22.25)	\$220.00/ 10 (\$22.00)

Junghans Swinging Arm Clock Mainspring - Hook End



7.0 x 0.25 x 550mm, (.2755 x .0098 x 21.65"). 18.0mm (.71") wound diameter so it will fit the Junghans barrel. For Junghans swingers and others. Germany.

No. 33576	\$8.50 each
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400-Day (Anniversary) Mainsprings - Hole End



For use in anniversary clocks but can be used in others.

No. 14205 ... (12 x 24)	15/32" x .015" x 23"
No. 14206 ... (12 x 25)	15/32" x .013" x 27"
No. 14207 ... (12 x 32)	15/32" x .012" x 48"
No. 14208 ... (13 x 30)	33/64" x .014" x 38"
No. 14209 ... (13 x 32)	33/64" x .022" x 28"
	\$11.00 each
No. 14210 ... (14 x 25)	35/64" x .013" x 27"
No. 14212 ... (14 x 30)	35/64" x .014" x 32"
No. 14211 ... (14 x 28)	35/64" x .016" x 28"
	\$12.00 each
No. 14313 ... (16 x 36)	5/8" x .018" x 41"
No. 14314 ... (18 x 38)	45/64" x .018" x 44"
No. 14315 ... (19 x 32)	3/4" x .016" x 38"
No. 14317 ... (19 x 38)	3/4" x .016" x 53"
No. 14316 ... (19 x 36)	3/4" x .017" x 45"
	\$13.50 each
No. 14318 ... (20 x 38)	25/32" x .016" x 53"
	\$20.00 each
No. 14319 ... (21 x 50)	53/64" x .015" x 100"
	\$27.50 each

Fusee Mainsprings - Hole End



.0175" thick. (#33426 and #33427 are .017" thick). Germany.

No. 19535 .1-1/8" x 82.6"	(2" barrel)	\$42.50
No. 19536 .1-1/4" x 82.6"	(2" barrel)	\$53.00
No. 19537 .1-1/4" x 88.6"	(2-1/8" barrel)	\$54.00
No. 19538 .1-1/4" x 94.4"	(2-1/4" barrel)	\$55.00
No. 19539 .1-3/8" x 82.6"	(2" barrel)	\$56.50
No. 19540 .1-3/8" x 88.6"	(2-1/8" barrel)	\$58.00
No. 19541 .1-1/2" x 82.6"	(2" barrel)	\$59.00
No. 19542 .1-1/2" x 88.6"	(2-1/8" barrel)	\$60.00
No. 19543 .1-1/2" x 94.4"	(2-1/4" barrel)	\$61.50
No. 19545 .1-1/2" x 114"	(2-1/2" barrel)	\$63.00
No. 19544 .1-5/8" x 88.6"	(2-1/8" barrel)	\$64.00
No. 19546 .1-5/8" x 114"	(2-1/2" barrel)	\$66.00
No. 33426 .1-3/4" x 82.6"	(2" barrel)	\$75.00
No. 33427 .1-3/4" x 94.4"	(2-1/4" barrel)	\$75.00

Music Movement Mainsprings - Hole End



Difficult to find mainsprings used on music movements and others. Made in Europe.

No. 33428 (5/32" x .0075" x 11-1/4") (4.0 x 0.19 x 280mm)	\$5.00 each
No. 33429 (5/32" x .010" x 15-3/4") (4.0 x 0.25 x 400mm)	\$6.00 each
No. 33430 (13/64" x .007" x 11-1/4") (5.0 x 0.18 x 280mm)	\$6.50 each
No. 33431 (13/64" x .010" x 11-1/4") (5.0 x 0.25 x 280mm)	\$7.00 each
No. 33432 (13/64" x .010" x 15-3/4") (5.0 x 0.25 x 400mm)	\$7.50 each
No. 33433 (13/64" x .010" x 23-5/8") (5.0 x 0.25 x 600mm)	\$8.00 each
No. 33434 (15/64" x .010" x 15-3/4") (6.0 x 0.25 x 400mm)	\$8.00 each
No. 33435 (15/64" x .010" x 23-5/8") (6.0 x 0.25 x 600mm)	\$8.50 each
No. 33436 (9/32" x .010" x 15-3/4") (7.0 x 0.25 x 400mm)	\$8.50 each
No. 33438 (23/64" x .010" x 23-5/8") (9.0 x 0.25 x 600mm)	\$9.50 each

Seth Thomas Mainspring - Loop End



11/16" x .0165" x 96". For many Seth Thomas movements. China.
No. 20506 **\$19.50 each**
\$57.75/ 3 (\$19.25) **\$190.00/ 10 (\$19.00)**

Seth Thomas #10 Mainspring - Hole End



5/8" x .024" x 108". Germany..
No. 29285 **\$25.00 each**

Seth Thomas #89 Mainspring - Loop End



Also fits some Session and Ingraham movements. 3/4" x .016" x 108". China.
No. 29515 **\$19.50 each**

Seth Thomas Sonora Chime Mainspring - Hole End



1" x .022" x 136". Germany.
No. 23137 **\$60.00 each**

Mainsprings & Related

Mainsprings-30-Hour Loop End



Fits many 30-hour clocks. China.
No. 14201..... 3/8" x .0145" x 48" \$6.50 each
No. 14202... 5/16" x .0145" x 42" \$6.50 each

31-Day Mainspring - Hole End



.740" x .016" x 116". China.
No. 23138..... \$22.50 each
\$66.75/ 3 (\$22.25)

31-Day Mainspring - Loop End



For Japanese and Korean 31-day clocks. 3/4" x .015" x 170". China.
No. 14203..... \$23.50 each
\$69.25/ 3(\$23.25) \$230.00/ 10 (\$23.00)

Urgos Mainsprings - Hole End



For UW06 movements.
No. 15924 Time/Strike 43/64" x 0.0155" x 47-1/4" (17.0 x 0.40 x 1200mm) \$13.00 each \$38.25/3 (\$12.75)
No. 32164 Chime 61/64" x 0.0155" x 59-1/16" (24.2 x 0.39 x 1500mm) \$17.50 each \$51.75/3 (\$17.25)

Waltham 37 Mainspring - Hole End



For 8-day movements. 4.50mm wide x .022mm/.023mm thick x 28.25" long. Dennison size 37 x 1 x 30. Waltham factory number 2232. China.
No. 30465 \$15.00 each \$43.50/3 (\$14.50)

Mainspring & Barrel For Mauthe 42 Movement - Closeout



Mainspring in barrel-no arbor. Hole end. 4.2mm wide x 0.25mm thick. Fitted in 28mm diameter nicked barrel. Was \$20.00.
No. 01756..... \$8.00 each

Hermle Empty Mainspring Barrels



Barrels with no top covers, no mainsprings. For current production Hermle movements.
No. 22644..... #10, 11 \$18.00
No. 23147..... #21 \$17.50
No. 22646..... #30, 31, 32, 33 \$24.00
No. 22647..... #40, 42 \$17.00
No. 22918..... #41 \$17.50
No. 22645..... #50, 52, 56, 57 \$19.00
No. 22648..... #54, 55 \$17.00

Hermle Barrels With Mainsprings



Mainsprings installed in barrels. The numbers listed appear on the barrels. For use only on Hermle movements. See the chart on this page for reference numbers.

	Barrel #	Tooth Plate OD	Total Barrel Height	# Of Teeth	
No. 14236	10	49mm	21mm	72	\$50.00
No. 14237	11	49mm	21mm	72	\$43.00
No. 14239	21	47.5mm	21mm	68	\$52.00
(Replaces #20 Barrel)					
No. 14241	31	40mm	15mm	70	\$43.00
No. 14242	32	40mm	15mm	70	\$38.00
(Replaces #30 Barrel)					
No. 14216	40	41mm	21mm	72	\$38.00
(Replaces #42 Barrel)					
No. 14217	41	48mm	21mm	71	\$43.00
No. 14218	50	45mm	21mm	66	\$50.00
(Replaces #8 Barrel)					
No. 15958	52	45mm	21mm	66	\$38.00
No. 14219	54	53.5mm	25mm	80	\$46.00
No. 14220	55	53.5mm	25mm	80	\$46.00
No. 14244	56	45mm	21mm	66	\$38.00
(Replaces #53 Barrel)					

Hermle Mainspring Barrel Caps



No. 20971 #10	\$3.00 each
No. 20972 #11	\$3.00 each
No. 20973 #21	\$3.00 each
No. 20974 #31	\$3.00 each
No. 20975 #32	\$3.00 each
No. 20976 #33	\$3.00 each
No. 20977 #40	\$3.00 each
No. 20978 #41	\$3.00 each
No. 20979 #50	\$3.00 each
No. 20980 #52	\$3.00 each
No. 20981 #54	\$3.00 each
No. 20982 #55	\$3.00 each
No. 20983 #56	\$3.00 each

Mainspring Clamps - Flat



Clamps hold mainsprings during disassembly. 1-15/16" diameter x 5/16" wide.
No. 20082..... 1 set of 2 \$7.50 pack
Set Of Four Flat Mainspring Clamps 1-3/8", 1-7/8", 2-3/8" and 3" diameters.
No. 33071..... \$22.00 set

Mainspring Clamps - Round



Set of 1-3/8", 1-7/8", 2-3/8" and 3" diameters.
No. 12397..... \$7.50 set
Mainspring Clamps-4 Piece Set
Set of four. 2 each of 1-7/8" and 2-3/8".
No. 22722..... \$7.50 set

Mainspring and Barrel Chart Fits Hermle movements. Germany



Movement #	Hermle Barrel #	Hermle Barrel With Mainspring	Mainspring Only
0130	31 Strike 32 Time	No. 14241 No. 14242	No. 15926 No. 15927
0131	31 Strike 30 Time	No. 14241 No. 14242	No. 15928 No. 15927
0132	31 Strike 31 Time	No. 14241 No. 14241	No. 15926 No. 15926
0140	10 Time 10 Strike	No. 14236 No. 14236	No. 15921 No. 15921
0141	10 Strike 11 Time	No. 14236 No. 14237	No. 15921 No. 15922
0150 0151	21 Strike 21 Time	No. 14239 No. 14239	No. 15924 No. 15924
0340 0341	41 Chime 40 Strike 40 Time	No. 14217 No. 14216 No. 14216	No. 15930 No. 15929 No. 15929
0350 0351	54 Chime 50 Strike 52 Time	No. 14219 No. 15958 No. 14218	No. 15934 No. 15933 No. 15924
0351-03	54 Chime 56 Strike 52 Time	No. 14219 No. 14244 No. 15958	No. 15934 No. 15924 No. 15933
0351-85	54 Chime 50 Strike	No. 14219 No. 14218	No. 15934 No. 15924
0351-83 0361-83	54 Chime 56 Strike	No. 14219 No. 14244	No. 15934 No. 15924
0352	54 Chime 50 Strike 58 Time	No. 14219 No. 14218 No. 23712	No. 23711 No. 15934 No. 15924
0701 0781 0791	11 Time — —	No. 14237 — —	No. 15922 — —
0771	32 Time	No. 14242	No. 15927
1050 1051	55 Chime 50 Strike 52 Time	No. 14220 No. 14218 No. 15958	No. 15935 No. 15924 No. 15933
1051-03	55 Chime 56 Strike 52 Time	No. 14220 No. 14244 No. 15958	No. 15935 No. 15924 No. 15933
1051-85	55 Chime 50 Strike	No. 14220 No. 14218	No. 15935 No. 15924
1051-83	55 Chime 56 Strike	No. 14220 No. 14244	No. 15935 No. 15924
1052	55 Chime 50 Strike 58 Time	No. 14220 No. 14218 No. 23712	No. 15935 No. 15924 No. 23711
3351-85	54 Chime 50 Strike	No. 14219 No. 14218	No. 15934 No. 15924

**Mainspring Winders On
Page #100 & Mainspring
Let-Down Sets & Chucks
On
Page #83**

Timesavers New Expanded Listing Of Hole End Mainsprings



Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 01795	.051 x .004 x 16.5"	1.3 x 0.105 x 420mm	Hole	\$3.00
No. 80047	.146 x .0114 x 68.9"	3.7 x 0.29 x 1750mm	Hole	\$6.50
No. 33428	.157 x .0075 x 11"	4.0 x 0.19 x 280mm	Hole	\$5.00
No. 16756	.157 x .008 x 24"	4.0 x 0.20 x 610mm	Hole	\$6.00
No. 33429	.157 x .0098 x 15.7"	4.0 x 0.25 x 400mm	Hole	\$6.00
No. 16757	.157 x .011 x 26-1/2"	4.0 x 0.28 x 673mm	Hole	\$6.00
No. 34169	.179 x .012 x 26"	4.55 x 0.30 x 660mm	Hole	\$6.00
No. 19677	.189 x .009 x 24"	4.8 x 0.23 x 610mm	Hole	\$6.50
No. 33430	.197 x .007 x 11"	5.0 x 0.18 x 280mm	Hole	\$6.50
No. 33431	.197 x .0098 x 11"	5.0 x .025 x 280mm	Hole	\$7.00
No. 33432	.197 x .0098 x 15.7"	5.0 x 0.25 x 400mm	Hole	\$7.50
No. 33433	.197 x .0098 x 23.6"	5.0 x 0.25 x 600mm	Hole	\$8.00
No. 33434	.236 x .0098 x 15.7"	6.0 x 0.25 x 400mm	Hole	\$8.00
No. 33435	.236 x .0098 x 23.6"	6.0 x 0.25 x 600mm	Hole	\$8.50
No. 16762	.251 x .011 x 39"	6.4 x 0.28 x 991mm	Hole	\$6.75
No. 80096	.2755 x .0075 x 25.6"	7.0 x 0.19 x 650mm	Hole	\$6.00
No. 33436	.2755 x .0098 x 15.7"	7.0 x 0.25 x 400mm	Hole	\$8.50
No. 16765	.2755 x .0098 x 39-1/2"	7.0 x 0.25 x 1003mm	Hole	\$6.50
No. 16766	.315 x .0079 x 27"	8.0 x 0.20 x 686mm	Hole	\$6.50
No. 33484	.315 x .0098 x 23.6"	8.0 x 0.25 x 600mm	Hole	\$6.50
No. 16767	.315 x .0098 x 28"	8.0 x 0.25 x 711mm	Hole	\$6.50
No. 19679	.315 x .0098 x 32"	8.0 x 0.25 x 813mm	Hole	\$6.50
No. 17488	.315 x .0098 x 39-1/2"	8.0 x 0.25 x 1003mm	Hole	\$7.00
No. 16768	.315 x .011 x 45-1/4"	8.0 x 0.28 x 1149mm	Hole	\$7.00
No. 33475	.315 x .0118 x 48"	8.0 x 0.30 x 1219mm	Hole	\$7.00
No. 17489	.315 x .015 x 40"	8.0 x 0.38 x 1016mm	Hole	\$7.00
No. 33537	.315 x .0157 x 51.2"	8.0 x 0.40 x 1300mm	Hole	\$7.25
No. 17490	.315 x .016 x 54"	8.0 x 0.41 x 1372mm	Hole	\$7.50
No. 16769	.3425 x .013 x 66"	8.7 x 0.33 x 1676mm	Hole	\$8.50
No. 33438	.354 x .0098 x 23.6"	9.0 x 0.25 x 600mm	Hole	\$9.50
No. 16770	.354 x .011 x 45-1/4"	9.0 x 0.28 x 1149mm	Hole	\$8.50
No. 16772	.374 x .011 x 48"	9.5 x 0.28 x 1219mm	Hole	\$8.50
No. 14224	.374 x .014 x 48"	9.5 x 0.36 x 1219mm	Hole	\$8.50
No. 33476	.374 x .015 x 78.7"	9.5 x 0.38 x 2000mm	Hole	\$8.50
No. 16773	.374 x .017 x 54"	9.5 x 0.43 x 1372mm	Hole	\$8.50
No. 33477	.394 x .0098 x 32.3"	10.0 x 0.25 x 820mm	Hole	\$8.50
No. 33528	.394 x .011 x 32.3"	10.0 x 0.28 x 820mm	Hole	\$9.00
No. 16774	.394 x .011 x 45-1/4"	10.0 x 0.28 x 1149mm	Hole	\$9.00
No. 16775	.394 x .0118 x 73"	10.0 x 0.30 x 1854mm	Hole	\$12.00
No. 33466	.394 x .013 x 70.9"	10.0 x 0.33 x 1800mm	Hole	\$12.00
No. 33525	.394 x .0134 x 78.7"	10.0 x 0.34 x 2000mm	Hole	\$12.50
No. 33478	.433 x .0098 x 32.3"	11.0 x 0.25 x 820mm	Hole	\$10.00
No. 33540	.433 x .0098 x 39.4"	11.0 x 0.25 x 1000mm	Hole	\$11.00
No. 33479	.433 x .011 x 45.3"	11.0 x 0.28 x 1150mm	Hole	\$11.00
No. 16777	.433 x .011 x 49"	11.0 x 0.28 x 1245mm	Hole	\$11.00
No. 33516	.433 x .0114 x 41.3"	11.0 x 0.29 x 1050mm	Hole	\$11.00
No. 33480	.433 x .013 x 46.5"	11.0 x 0.33 x 1180mm	Hole	\$11.00
No. 33481	.433 x .0134 x 64.6"	11.0 x 0.34 x 1640mm	Hole	\$11.50
No. 16778	.433 x .0153 x 55-1/2"	11.0 x 0.39 x 1410mm	Hole	\$11.50
No. 33483	.472 x .0098 x 32.3"	12.0 x 0.25 x 820mm	Hole	\$11.00
No. 16779	.472 x .0098 x 39.4"	12.0 x 0.25 x 1000mm	Hole	\$11.00
No. 33485	.472 x .0106 x 49.2"	12.0 x 0.27 x 1250mm	Hole	\$11.00
No. 33518	.472 x .011 x 45.3"	12.0 x 0.28 x 1150mm	Hole	\$11.00
No. 14207	.472 x .0118 x 48"	12.0 x 0.30 x 1219mm	Hole	\$11.00
No. 16780	.472 x .0118 x 53"	12.0 x 0.30 x 1346mm	Hole	\$11.00
No. 15928	.472 x .0126 x 45-1/4"	12.0 x 0.32 x 1150mm	Hole	\$11.00
No. 33486	.472 x .0126 x 55.1"	12.0 x 0.32 x 1400mm	Hole	\$11.00
No. 14206	.472 x .013 x 27"	12.0 x 0.33 x 686mm	Hole	\$11.00
No. 15926	.472 x .0134 x 45-1/4"	12.0 x 0.34 x 1150mm	Hole	\$11.00
No. 33488	.472 x .0138 x 43.3"	12.0 x 0.35 x 1100mm	Hole	\$11.00
No. 14205	.472 x .015 x 23"	12.0 x 0.38 x 584mm	Hole	\$11.00
No. 33489	.472 x .015 x 55.1"	12.0 x 0.38 x 1400mm	Hole	\$11.00
No. 15927	.472 x .0165 x 43"	12.0 x 0.42 x 1100mm	Hole	\$11.00
No. 33490	.492 x .0079 x 78"	12.5 x 0.20 x 1981mm	Hole	\$11.50
No. 34020	.500 x .0124 x 33"	12.7 x 0.315 x 838mm	Hole	\$12.50
No. 16902	.500 x .013 x 60"	12.7 x 0.33 x 1524mm	Hole	\$13.00
No. 16783	.500 x .015 x 36"	12.7 x 0.38 x 914mm	Hole	\$11.50
No. 16784	.500 x .016 x 65"	12.7 x 0.41 x 1651mm	Hole	\$13.00
No. 16785	.500 x .018 x 60"	12.7 x 0.46 x 1524mm	Hole	\$13.00
No. 33491	.512 x .0098 x 32.3"	13.0 x 0.25 x 820mm	Hole	\$11.00
No. 33492	.512 x .0098 x 39.4"	13.0 x 0.25 x 1000mm	Hole	\$11.00
No. 16788	.512 x .0118 x 53"	13.0 x 0.30 x 1346mm	Hole	\$11.00
No. 33538	.512 x .0138 x 39.4"	13.0 x 0.35 x 1000mm	Hole	\$11.00
No. 14208	.512 x .014 x 38"	13.0 x 0.36 x 965mm	Hole	\$11.00
No. 14209	.512 x .022 x 28"	13.0 x 0.56 x 711mm	Hole	\$11.00
No. 17492	.532 x .0098 x 72"	13.5 x 0.25 x 1829mm	Hole	\$15.00
No. 34021	.532 x .011 x 66"	13.5 x 0.28 x 1675mm	Hole	\$15.00
No. 34022	.532 x .0116 x 61.4"	13.5 x 0.295 x 1562mm	Hole	\$15.00
No. 16789	.551 x .011 x 45-1/4"	14.0 x 0.28 x 1149mm	Hole	\$11.50
No. 16790	.551 x .011 x 49"	14.0 x 0.28 x 1245mm	Hole	\$11.50
No. 33494	.551 x .011 x 55.1"	14.0 x 0.28 x 1400mm	Hole	\$11.50
No. 16791	.551 x .0118 x 61"	14.0 x 0.30 x 1549mm	Hole	\$11.50
No. 14210	.551 x .013 x 27"	14.0 x 0.33 x 686mm	Hole	\$12.00
No. 33496	.551 x .0138 x 39.4"	14.0 x 0.35 x 1000mm	Hole	\$12.00
No. 14212	.551 x .014 x 32"	14.0 x 0.36 x 813mm	Hole	\$12.00
No. 16792	.551 x .0155 x 37-1/2"	14.0 x 0.39 x 953mm	Hole	\$12.00
No. 14211	.551 x .016 x 28"	14.0 x 0.41 x 711mm	Hole	\$12.00
No. 16793	.563 x .011 x 39"	14.3 x 0.28 x 991mm	Hole	\$12.00
No. 16794	.563 x .016 x 42"	14.3 x 0.41 x 1067mm	Hole	\$12.00
No. 16796	.591 x .011 x 49"	15.0 x 0.28 x 1245mm	Hole	\$13.00
No. 16797	.591 x .0118 x 53"	15.0 x 0.30 x 1346mm	Hole	\$13.00
No. 33497	.591 x .015 x 47.2"	15.0 x 0.38 x 1200mm	Hole	\$13.00
No. 33498	.591 x .0157 x 48"	15.0 x 0.40 x 1220mm	Hole	\$13.00
No. 16798	.630 x .0098 x 39-1/2"	16.0 x 0.25 x 1003mm	Hole	\$13.00
No. 16799	.630 x .011 x 45-1/4"	16.0 x 0.28 x 1149mm	Hole	\$13.00
No. 16800	.630 x .011 x 49"	16.0 x 0.28 x 1245mm	Hole	\$13.00
No. 16801	.630 x .013 x 78"	16.0 x 0.33 x 1981mm	Hole	\$17.50
No. 16802	.630 x .013 x 105"	16.0 x 0.33 x 2667mm	Hole	\$24.50
No. 16803	.630 x .014 x 70"	16.0 x 0.36 x 2667mm	Hole	\$24.50
No. 16804	.630 x .016 x 59"	16.0 x 0.41 x 1499mm	Hole	\$17.50
No. 16805	.630 x .0175 x 43-1/2"	16.0 x 0.44 x 1105mm	Hole	\$17.50
No. 14313	.630 x .018 x 41"	16.0 x 0.46 x 1105mm	Hole	\$13.50
No. 17493	.630 x .018 x 72"	16.0 x 0.46 x 1829mm	Hole	\$17.50
No. 16806	.630 x .018 x 96"	16.0 x 0.46 x 2438mm	Hole	\$25.00
No. 29285	.630 x .0236 x 108"	16.0 x 0.60 x 2743mm	Hole	\$25.00
No. 34023	.656 x .00945 x 77.4"	16.6 x 0.24 x 1968mm	Hole	\$19.50
No. 34024	.656 x .011 x 71"	16.6 x 0.28 x 1803mm	Hole	\$19.50
No. 33499	.656 x .011 x 72"	16.6 x 0.28 x 1829mm	Hole	\$19.50
No. 34025	.656 x .011 x 84"	16.6 x 0.28 x 2135mm	Hole	\$19.50

Timesavers New Expanded Listing Of Hole End Mainsprings



Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 16808	.670 .0098 x 39-1/2"	17.0 x 0.25 x 1003mm	Hole	\$12.00
No. 16807	.670 x .0098 x 72"	17.0 x 0.25 x 1829mm	Hole	\$13.00
No. 16809	.670 x .011 x 45-1/4"	17.0 x 0.28 x 1149mm	Hole	\$13.00
No. 18443	.670 x .011 x 49"	17.0 x 0.28 x 1245mm	Hole	\$13.00
No. 15929	.670 x .015 x 43"	17.0 x 0.38 x 1100mm	Hole	\$13.00
No. 15924	.670 x .0157 x 47-1/4"	17.0 x 0.40 x 1200mm	Hole	\$13.00
No. 15933	.670 x .0165 x 47-1/4"	17.0 x 0.42 x 1200mm	Hole	\$13.00
No. 15922	.670 x .0165 x 59"	17.0 x 0.42 x 1500mm	Hole	\$13.00
No. 15921	.670 x .0177 x 58-1/2"	17.0 x 0.45 x 1490mm	Hole	\$13.00
No. 14248	.670 x .018 x 54"	17.0 x 0.46 x 1372mm	Hole	\$13.00
No. 16811	.688 x .012 x 72"	17.4 x 0.30 x 1829mm	Hole	\$13.00
No. 14204	.688 x .014 x 54"	17.4 x 0.36 x 1372mm	Hole	\$13.00
No. 16812	.688 x .018 x 96"	17.4 x 0.46 x 2438mm	Hole	\$25.00
No. 17495	.709 x .011 x 49"	18.0 x 0.28 x 1245mm	Hole	\$13.00
No. 17496	.709 x .0118 x 53"	18.0 x 0.30 x 1346mm	Hole	\$13.00
No. 16813	.709 x .0118 x 61"	18.0 x 0.30 x 1549mm	Hole	\$13.00
No. 19689	.709 x .016 x 56"	18.0 x 0.41 x 1422mm	Hole	\$14.00
No. 14247	.709 x .016 x 61-1/2"	18.0 x 0.41 x 1562mm	Hole	\$14.00
No. 33502	.709 x .017 x 43.3"	18.0 x 0.43 x 1100mm	Hole	\$14.00
No. 14232	.709 x .0175 x 70"	18.0 x 0.44 x 1778mm	Hole	\$17.50
No. 14314	.709 x .018 x 44"	18.0 x 0.46 x 1118mm	Hole	\$14.50
No. 17497	.709 x .019 x 47"	18.0 x 0.48 x 1194mm	Hole	\$14.50
No. 16814	.709 x .021 x 48"	18.0 x 0.53 x 1219mm	Hole	\$14.50
No. 23138	.740 x .016 x 116"	18.8 x 0.41 x 2946mm	Hole	\$22.50
No. 16815	.750 x .0098 x 72"	19.0 x 0.23 x 1829mm	Hole	\$17.50
No. 17498	.750 x .010 x 39-1/2"	19.0 x 0.25 x 1003mm	Hole	\$13.50
No. 19690	.750 x .011 x 45-1/4"	19.0 x 0.28 x 1149mm	Hole	\$13.50
No. 19691	.750 x .011 x 49"	19.0 x 0.28 x 1245mm	Hole	\$13.50
No. 17499	.750 x .011 x 50"	19.0 x 0.30 x 1270mm	Hole	\$13.50
No. 16816	.750 x .0118 x 53"	19.0 x 0.30 x 1346mm	Hole	\$13.50
No. 16817	.750 x .0118 x 61"	19.0 x 0.30 x 1549mm	Hole	\$13.50
No. 17500	.750 x .0118 x 75"	19.0 x 0.30 x 1905mm	Hole	\$17.50
No. 16818	.750 x .0118 x 90"	19.0 x 0.30 x 2286mm	Hole	\$17.50
No. 14245	.750 x .013 x 54"	19.0 x 0.33 x 1372mm	Hole	\$13.50
No. 16819	.750 x .014 x 90"	19.0 x 0.36 x 2286mm	Hole	\$17.50
No. 14235	.750 x .0145 x 72"	19.0 x 0.37 x 1829mm	Hole	\$17.50
No. 16820	.750 x .015 x 72"	19.0 x 0.38 x 1829mm	Hole	\$17.50
No. 16821	.750 x .0155 x 53-1/2"	19.0 x 0.39 x 1359mm	Hole	\$13.50
No. 14315	.750 x .016 x 38"	19.0 x 0.41 x 965mm	Hole	\$13.50
No. 14317	.750 x .016 x 53"	19.0 x 0.41 x 1346mm	Hole	\$13.50
No. 16822	.750 x .016 x 56"	19.0 x 0.41 x 1422mm	Hole	\$17.50
No. 16823	.750 x .016 x 60"	19.0 x 0.41 x 1524mm	Hole	\$17.50
No. 22677	.750 x .0165 x 64"	19.0 x 0.42 x 1625mm	Hole	\$17.50
No. 33524	.750 x .0169 x 74.8"	19.0 x 0.43 x 1900mm	Hole	\$13.50
No. 19692	.750 x .017 x 44"	19.0 x 0.43 x 1118mm	Hole	\$13.50
No. 14316	.750 x .017 x 45"	19.0 x 0.43 x 1143mm	Hole	\$13.50
No. 14234	.750 x .0175 x 70"	19.0 x 0.44 x 1778mm	Hole	\$17.50
No. 17502	.750 x .018 x 96"	19.0 x 0.46 x 2438mm	Hole	\$25.00
No. 17503	.750 x .019 x 68-1/2"	19.0 x 0.48 x 1740mm	Hole	\$17.50
No. 19693	.787 x .011 x 45-1/4"	20.0 x 0.28 x 1149mm	Hole	\$17.50
No. 19694	.787 x .011 x 49"	20.0 x 0.28 x 1245mm	Hole	\$17.50
No. 16824	.787 x .0118 x 53"	20.0 x 0.30 x 1245mm	Hole	\$17.50
No. 19695	.787 x .012 x 61"	20.0 x 0.30 x 1549mm	Hole	\$17.50
No. 34148	.787 x .0157 x 98.4"	20.0 x 0.40 x 2500mm	Hole	\$17.50
No. 14318	.787 x .016 x 53"	20.0 x 0.41 x 1346mm	Hole	\$20.00
No. 19696	.787 x .0175 x 70"	20.0 x 0.44 x 1778mm	Hole	\$22.50
No. 16825	.787 x .018 x 76-1/2"	20.0 x 0.46 x 1943mm	Hole	\$22.50
No. 34149	.787 x .019 x 145.6"	20.0 x 0.48 x 3698mm	Hole	\$24.00
No. 34147	.795 x .017 x 114"	20.2 x 0.43 x 2900mm	Hole	\$18.00

Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 16826	.827 x .011 x 45-1/4"	21.0 x 0.28 x 1149mm	Hole	\$17.50
No. 19697	.827 x .011 x 49"	21.0 x 0.28 x 1245mm	Hole	\$17.50
No. 19698	.827 x .012 x 53"	21.0 x 0.30 x 1346mm	Hole	\$17.50
No. 16827	.827 x .012 x 61"	21.0 x 0.30 x 1549mm	Hole	\$17.50
No. 16828	.827 x .0125 x 67"	21.0 x 0.32 x 1702mm	Hole	\$22.50
No. 14319	.827 x .015 x 100"	21.0 x 0.38 x 2540mm	Hole	\$27.50
No. 15930	.827 x .0157 x 61"	21.0 x 0.40 x 1550mm	Hole	\$17.50
No. 15934	.827 x .0165 x 75"	21.0 x 0.42 x 1900mm	Hole	\$17.50
No. 15935	.827 x .0177 x 71"	21.0 x 0.45 x 1800mm	Hole	\$17.50
No. 33521	.866 x .0118 x 57.1"	22.0 x 0.30 x 1450mm	Hole	\$17.50
No. 33506	.866 x .0118 x 59"	22.0 x 0.30 x 1500mm	Hole	\$17.50
No. 16829	.874 x .011 x 49"	22.2 x 0.28 x 1245mm	Hole	\$17.50
No. 16830	.874 x .012 x 53"	22.2 x 0.30 x 1340mm	Hole	\$17.50
No. 16831	.874 x .012 x 61"	22.2 x 0.30 x 1549mm	Hole	\$17.50
No. 19699	.874 x .0125 x 67"	22.2 x 0.32 x 1702mm	Hole	\$22.50
No. 16832	.874 x .013 x 72"	22.2 x 0.33 x 1829mm	Hole	\$22.50
No. 16833	.874 x .0153 x 50"	22.2 x 0.39 x 1270mm	Hole	\$22.50
No. 16834	.874 x .0175 x 70"	22.2 x 0.44 x 1778mm	Hole	\$22.50
No. 19700	.874 x .018 x 84"	22.2 x 0.46 x 2137mm	Hole	\$26.00
No. 16835	.874 x .018 x 96"	22.2 x 0.46 x 2438mm	Hole	\$30.00
No. 16836	.874 x .0197 x 56"	22.2 x 0.50 x 1422mm	Hole	\$22.50
No. 33511	.906 x .0138 x 39.4"	23.0 x 0.35 x 1000mm	Hole	\$17.50
No. 32164	.953 x .0153 x 59.1"	24.2 x 0.39 x 1500mm	Hole	\$17.50
No. 16837	.953 x .0173 x 70"	24.2 x 0.44 x 1778mm	Hole	\$25.00
No. 16838	.953 x .018 x 76.5"	24.2 x 0.46 x 1943mm	Hole	\$34.00
No. 16839	.965 x .018 x 78.5"	24.5 x 0.46 x 1994mm	Hole	\$34.00
No. 33514	.984 x .0177 x 80.7"	25.0 x 0.45 x 2050mm	Hole	\$34.00
No. 16840	1.00 x .018 x 96"	25.4 x 0.46 x 2438mm	Hole	\$40.00
No. 23137	1.00 x .022 x 136"	25.4 x 0.56 x 3454mm	Hole	\$60.00
No. 19535	1.125 x .0175 x 82-1/2"	28.6 x 0.44 x 2098mm	Hole	\$42.50
No. 19536	1.251 x .0175 x 82-1/2"	31.8 x 0.44 x 2098mm	Hole	\$53.00
No. 19537	1.251 x .0175 x 88-1/2"	31.8 x 0.44 x 2250mm	Hole	\$54.00
No. 19538	1.251 x .0175 x 94-3/8"	31.8 x 0.44 x 2398mm	Hole	\$55.00
No. 19539	1.378 x .0175 x 82-1/2"	35.0 x 0.44 x 2098mm	Hole	\$56.50
No. 19540	1.378 x .0175 x 88-1/2"	35.0 x 0.44 x 2098mm	Hole	\$58.00
No. 33423	1.378 x .0275 x 130-3/4"	35.0 x 0.70 x 3320mm	Hole	\$28.00
No. 19541	1.496 x .0175 x 82-1/2"	38.0 x 0.44 x 2098mm	Hole	\$59.00
No. 19542	1.496 x .0175 x 88-1/2"	38.0 x 0.44 x 2250mm	Hole	\$60.00
No. 19543	1.496 x .0175 x 94-3/8"	38.0 x 0.44 x 2398mm	Hole	\$61.50
No. 19545	1.496 x .0175 x 114"	38.0 x 0.44 x 2896mm	Hole	\$63.00
No. 19544	1.626 x .0175 x 88-1/2"	41.3 x 0.44 x 2250mm	Hole	\$64.00
No. 19546	1.626 x .0175 x 114"	41.3 x 0.44 x 2896mm	Hole	\$66.00
No. 33426	1.750 x .017 x 82.6"	44.5 x 0.43 x 1113mm	Hole	\$75.00
No. 33427	1.750 x .017 x 94.4"	44.5 x .043 x 2398mm	Hole	\$75.00

Timesavers New Expanded Listing Of Hook End Mainsprings



Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 80001	.063 x .0067 x 14.5"	1.6 x 0.17 x 370mm	Hook	\$5.00
No. 80002	.063 x .0098 x 35.4"	1.6 x 0.25 x 900mm	Hook	\$5.00
No. 80003	.067 x .006 x 16"	1.7 x 0.15 x 410mm	Hook	\$5.00
No. 80004	.071 x .0025 x 11.8"	1.8 x 0.10 x 300mm	Hook	\$5.00
No. 80006	.087 x .006 x 25.6"	2.2 x 0.15 x 650mm	Hook	\$5.25
No. 80007	.087 x .0063 x 21.7"	2.2 x 0.16 x 550mm	Hook	\$5.25
No. 80008	.090 x .007 x 21.3"	2.3 x 0.18 x 540mm	Hook	\$5.25
No. 80009	.090 x .007 x 24.4"	2.3 x 0.18 x 620mm	Hook	\$5.25
No. 80010	.090 x .007 x 27"	2.3 x 0.18 x 690mm	Hook	\$5.25
No. 80011	.090 x .0079 x 24.4"	2.3 x 0.20 x 620mm	Hook	\$5.25
No. 80012	.094 x .067 x 21.7"	2.4 x 0.17 x 550mm	Hook	\$5.25
No. 80013	.094 x .067 x 22.8"	2.4 x 0.17 x 580mm	Hook	\$5.25
No. 80014	.094 x .067 x 24.8"	2.4 x 0.17 x 630mm	Hook	\$5.25
No. 80015	.094 x .007" x 19"	2.4 x 0.18 x 480mm	Hook	\$5.25
No. 80016	.098 x .025 x 19.7"	2.5 x 0.10 x 500mm	Hook	\$5.25
No. 80017	.098 x .0055 x 19.7"	2.5 x 0.14 x 500mm	Hook	\$5.25
No. 80018	.098 x .0073 x 21"	2.5 x 0.185 x 535mm	Hook	\$5.25
No. 80019	.098 x .0075 x 21"	2.5 x 0.19 x 535mm	Hook	\$5.25
No. 80020	.098 x .008 x 21.2"	2.5 x 0.21 x 540mm	Hook	\$5.25
No. 80022	.098 x .0087 x 21.7"	2.5 x 0.22 x 550mm	Hook	\$5.25
No. 80023	.102 x .0055 x 21.7"	2.6 x 0.14 x 550mm	Hook	\$5.25
No. 80024	.106 x .0055 x 19"	2.7 x 0.14 x 480mm	Hook	\$5.25
No. 80025	.106 x .0055 x 19.3"	2.7 x 0.14 x 490mm	Hook	\$5.25
No. 80026	.106 x .0079 x 20"	2.7 x 0.20 x 510mm	Hook	\$5.25
No. 80027	.110 x .0063 x 27"	2.8 x 0.16 x 690mm	Hook	\$5.25
No. 80028	.110 x .007 x 24.8"	2.8 x 0.18 x 630mm	Hook	\$5.25
No. 80029	.110 x .0079 x 25.6"	2.8 x 0.20 x 650mm	Hook	\$5.25
No. 80030	.110 x .0098 x 22"	2.8 x 0.25 x 560mm	Hook	\$5.25
No. 80031	.114 x .005 x 17.7"	2.9 x 0.13 x 450mm	Hook	\$5.25
No. 80032	.114 x .0055 x 27.6"	2.9 x 0.14 x 700mm	Hook	\$5.25
No. 80033	.114 x .0087 x 20.9"	2.9 x 0.22 x 530mm	Hook	\$5.25
No. 80034	.118 x .005 x 26.4"	3.0 x 0.13 x 670mm	Hook	\$5.50
No. 80035	.118 x .0055 x 13.8"	3.0 x 0.14 x 350mm	Hook	\$5.50
No. 80036	.118 x .0055 x 23.6"	3.0 x 0.14 x 600mm	Hook	\$5.50
No. 80037	.118 x .006 x 20"	3.0 x 0.15 x 510mm	Hook	\$5.50
No. 80038	.118 x .0063 x 27.6"	3.0 x 0.16 x 700mm	Hook	\$5.50
No. 80039	.118 x .0079 x 22"	3.0 x 0.20 x 560mm	Hook	\$5.50
No. 80040	.118 x .0087 x 22.8"	3.0 x 0.22 x 580mm	Hook	\$5.50
No. 80041	.118 x .0094 x 18"	3.0 x 0.24 x 460mm	Hook	\$5.50
No. 80043	.134 x .0055 x 12.8"	3.4 x 0.14 x 325mm	Hook	\$5.50
No. 80044	.134 x .0087 x 18"	3.4 x 0.22 x 460mm	Hook	\$5.50
No. 80110	.134 x .0098 x 22"	3.4 x 0.25 x 560mm	Hook	\$5.50
No. 80109	.138 x .005 x 15"	3.5 x 0.125 x 380mm	Hook	\$5.00
No. 80045	.138 x .011 x 22.6"	3.5 x 0.28 x 575mm	Hook	\$5.50
No. 80048	.150 x .0075 x 16.9"	3.8 x 0.19 x 430mm	Hook	\$5.50
No. 80050	.150 x .009 x 17.7"	3.8 x 0.23 x 450mm	Hook	\$5.50
No. 80051	.150 x .009 x 33.9"	3.8 x 0.23 x 860mm	Hook	\$5.50
No. 80052	.150 x .0094 x 23.6"	3.8 x 0.24 x 600mm	Hook	\$5.50
No. 80053	.150 x .0138 x 33.5"	3.8 x 0.35 x 850mm	Hook	\$5.50
No. 80054	.154 x .0118 x 38"	3.9 x 0.30 x 970mm	Hook	\$5.50

Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 80057	.158 x .0083 x 22.8"	4.0 x 0.21 x 580mm	Hook	\$5.75
No. 80058	.158 x .0083 x 25.6"	4.0 x 0.21 x 650mm	Hook	\$5.75
No. 80059	.158 x .0087 x 19.7"	4.0 x 0.22 x 500mm	Hook	\$5.75
No. 80060	.165 x .0075 x 22"	4.2 x 0.19 x 560mm	Hook	\$5.75
No. 80061	.165 x .009 x 19.7"	4.2 x 0.23 x 500mm	Hook	\$5.75
No. 80062	.165 x .009 x 29.5"	4.2 x 0.23 x 750mm	Hook	\$5.75
No. 80063	.165 x .010 x 21.7"	4.2 x 0.26 x 550mm	Hook	\$5.75
No. 80064	.169 x .0075 x 21.7"	4.3 x 0.19 x 550mm	Hook	\$5.75
No. 80065	.169 x .0087 x 21.3"	4.3 x .022 x 540mm	Hook	\$5.75
No. 80066	.169 x .0094 x 20.5"	4.3 x 0.24 x 520mm	Hook	\$5.75
No. 80067	.169 x .0094 x 27.6"	4.3 x 0.24 x 700mm	Hook	\$5.75
No. 80069	.173 x .0075 x 22.4"	4.4 x 0.19 x 565mm	Hook	\$5.75
No. 80071	.173 x .0079 x 25.6"	4.4 x 0.20 x 650mm	Hook	\$5.75
No. 80073	.177 x .0087 x 24.8"	4.5 x 0.22 x 630mm	Hook	\$5.75
No. 80074	.181 x .0075 x 20.5"	4.6 x 0.19 x 520mm	Hook	\$5.75
No. 80077	.181 x .0087 x 28.3"	4.6 x 0.22 x 720mm	Hook	\$5.75
No. 80079	.189 x .009 x 29.5"	4.8 x 0.23 x 750mm	Hook	\$5.75
No. 80080	.197" x .0087" x 19.3"	5.0 x 0.22 x 490mm	Hook	\$6.00
No. 80083	.213 x .010 x 23.6"	5.4 x 0.26 x 600mm	Hook	\$6.00
No. 80085	.224 x .0083 x 21.7"	5.7 x 0.21 x 550mm	Hook	\$6.50
No. 80086	.224 x .009 x 30.5"	5.7 x 0.23 x 775mm	Hook	\$6.50
No. 80087	.228 x .0079 x 20"	5.8 x 0.20 x 510mm	Hook	\$9.00
No. 80089	.236 x .0079 x 19.7"	6.0 x 0.20 x 500mm	Hook	\$6.50
No. 80090	.236 x .009 x 46.5"	6.0 x 0.20 x 820mm	Hook	\$6.00
No. 80091	.236 x .009 x 46.5"	6.0 x 0.23 x 1180mm	Hook	\$7.00
No. 80092	.236 x .0157 x 23.6"	6.0 x 0.40 x 600mm	Hook	\$9.00
No. 80093	.256 x .0106 x 25.6"	6.5 x 0.27 x 650mm	Hook	\$6.50
No. 80094	.272 x .0075 x 20.9"	6.9 x 0.19 x 530mm	Hook	\$6.50
No. 80095	.2755 x .0055 x 68.9"	7.0 x 0.14 x 1750mm	Hook	\$10.00
No. 33576	.2755 x .0098 x 21.7"	7.0 x 0.25 x 550mm	Hook	\$8.50
No. 80100	.2755 x .011 x 87.4"	7.0 x 0.28 x 2220mm	Hook	\$12.00
No. 80101	.2755 x .0126 x 82.3"	7.0 x 0.32 x 2090mm	Hook	\$12.00
No. 80102	.315 x .0087 x 27.6"	8.0 x 0.22 x 700mm	Hook	\$ 7.50
No. 80104	.315 x .015 x 41.3"	8.0 x 0.38 x 1050mm	Hook	\$10.00
No. 80105	.335 x .007 x 22"	8.5 x 0.18 x 560mm	Hook	\$10.00
No. 80107	.346 x .0098 x 24"	8.8 x 0.25 x 610mm	Hook	\$10.00
No. 80108	.433 x .0087 x 39.4"	11.0 x 0.22 x 1000mm	Hook	\$12.00

Always
remember to use
eye, face and hand
protection when
working with
mainsprings.



Loop
End

Timesavers New Expanded Listing Of Loop End Mainsprings

We've added over 100 new hard-to-find sizes, some in limited supply.
Most are smaller open loop mainsprings used on music, travel, alarm, and other clocks.

Open Loop
End

Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price	Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 85001	.094 x .009 x 23.6"	2.4 x 0.23 x 600mm	OL	\$4.75	No. 85043	.197 x .0079 x 31.5"	5.0 x 0.20 x 800mm	OL	\$6.50
No. 85002	.094 x .0098 x 15.7"	2.4 x 0.25 x 400mm	OL	\$4.75	No. 33534	.197 x .0098 x 20.9"	5.0 x .025 x 530mm	OL	\$6.50
No. 85003	.098 x .0079 x 11.8"	2.5 x 0.20 x 300mm	OL	\$5.00	No. 85045	.197 x .0098 x 23.6"	5.0 x .025 x 600mm	OL	\$6.50
No. 85004	.098 x .0079 x 21"	2.5 x 0.20 x 535mm	OL	\$5.00	No. 85046	.197 x .0098 x 25.6"	5.0 x 0.25 x 650mm	OL	\$6.50
No. 85005	.098 x .009 x 11.8"	2.5 x 0.23 x 300mm	OL	\$5.00	No. 85048	.197 x .010 x 23.4"	5.0 x 0.26 x 595mm	OL	\$6.50
No. 85006	.102 x .0075 x 21.2"	2.6 x 0.19 x 540mm	OL	\$5.00	No. 17508	.197 x .010 x 25.5"	5.0 x 0.26 x 648mm	OL	\$6.50
No. 85007	.102 x .0082 x 20.9"	2.6 x 0.21 x 530mm	OL	\$5.00	No. 85049	.197 x .0106 x 22"	5.0 x 0.27 x 560mm	OL	\$6.50
No. 85008	.110 x .0067 x 23.6"	2.8 x 0.17 x 600mm	OL	\$5.00	No. 85050	.197 x .0106 x 26.8"	5.0 x 0.27 x 680mm	OL	\$6.50
No. 85009	.118 x .008 x 16"	3.0 x 0.20 x 410mm	OL	\$5.25	No. 85051	.197 x .011 x 23.6"	5.0 x 0.28 x 600mm	OL	\$6.50
No. 85010	.118 x .008 x 17.7"	3.0 x 0.20 x 450mm	OL	\$5.25	No. 85052	.197 x .011 x 25.6"	5.0 x 0.28 x 650mm	OL	\$6.50
No. 85011	.118 x .008 x 21.2"	3.0 x 0.20 x 540mm	OL	\$5.25	No. 85053	.197 x .0118 x 25.6"	5.0 x 0.30 x 650mm	OL	\$6.50
No. 85012	.118 x .0082 x 13.8"	3.0 x 0.21 x 350mm	OL	\$5.25	No. 85054	.197 x .0118 x 27.5"	5.0 x 0.30 x 700mm	OL	\$6.50
No. 85013	.118 x .0082 x 20.4"	3.0 x 0.21 x 520mm	OL	\$5.25	No. 85055	.197 x .0126 x 26.8"	5.0 x 0.32 x 680mm	OL	\$6.50
No. 85014	.118 x .0087 x 17.7"	3.0 x 0.22 x 450mm	OL	\$5.25	No. 85056	.197 x .013 x 22.8"	5.0 x 0.33 x 580mm	OL	\$6.50
No. 85015	.118 x .009 x 14.2"	3.0 x 0.23 x 360mm	OL	\$5.25	No. 85057	.197 x .014 x 26.8"	5.0 x 0.36 x 680mm	OL	\$6.50
No. 85016	.118 x .009 x 17"	3.0 x 0.23 x 430mm	OL	\$5.25	No. 85058	.197 x .0157 x 25.6"	5.0 x 0.40 x 650mm	OL	\$6.50
No. 85017	.118 x .009 x 19.7"	3.0 x 0.23 x 500mm	OL	\$5.25	No. 85060	.2165 x .014 x 26.8"	5.5x 0.36 x 680mm	OL	\$6.75
No. 85018	.118 x .009 x 20.9"	3.0 x 0.23 x 530mm	OL	\$5.25	No. 85061	.2165 x .0157 x 23.6"	5.5 x 0.40 x 600mm	OL	\$6.75
No. 85019	.118 x .009 x 21.2"	3.0 x 0.23 x 540mm	OL	\$5.25	No. 85062	.2165 x .0165 x 33.5"	5.5 x 0.42 x 850mm	OL	\$6.75
No. 85020	.118 x .009 x 22"	3.0 x 0.23 x 560mm	OL	\$5.25	No. 17509	.220 x .011 x 24"	5.6 x 0.28 x 610mm	OL	\$6.75
No. 85021	.118 x .0094 x 19.7"	3.0 x 0.24 x 500mm	OL	\$5.25	No. 17510	.220 x .017 x 30"	5.6 x 0.43 x 762mm	OL	\$6.75
No. 85022	.118 x .0094 x 20.9"	3.0 x 0.24 x 530mm	OL	\$5.25	No. 85063	.236 x .0079 x 20"	6.0 x 0.20 x 510mm	OL	\$7.00
No. 85023	.118 x .0098 x 22"	3.0 x 0.25 x 560mm	OL	\$5.25	No. 85064	.236 x .0098 x 23.6"	6.0 x 0.25 x 600mm	OL	\$7.00
No. 85024	.118 x .0118 x 19.2"	3.0 x 0.30 x 490mm	OL	\$5.25	No. 85065	.236 x .0098 x 31.5"	6.0 x 0.25 x 800mm	OL	\$7.00
No. 85025	.118 x .0118 x 23.6"	3.0 x 0.30 x 600mm	OL	\$5.25	No. 85068	.236 x .015 x 19.3"	6.0 x 0.38 x 490mm	Loop	\$7.00
No. 85026	.118 x .0126 x 23.6"	3.0 x 0.32 x 600mm	OL	\$5.25	No. 16849	.252 x .0098 x 26"	6.4 x 0.25 x 660mm	OL	\$7.00
No. 16841	.126 x .0098 x 19"	3.2 x 0.25 x 483mm	OL	\$5.50	No. 17512	.252 x .0118 x 41"	6.4 x 0.30 x 1041mm	OL	\$7.00
No. 85029	.138 x .0118 x 22"	3.5 x 0.30 x 560mm	OL	\$5.50	No. 16850	.252 x .013 x 24"	6.4 x 0.33 x 610mm	Loop	\$7.00
No. 85030	.138 x .0138 x 33.5"	3.5 x 0.35 x 850mm	OL	\$5.50	No. 16851	.252 x .016 x 54"	6.4 x 0.41x 1372mm	Loop	\$7.25
No. 16842	.141 x .009 x 25"	3.6 x 0.23 x 635mm	OL	\$5.50	No. 85069	.256 x .006 x 35.4"	6.5 x 0.15 x 900mm	OL	\$7.50
No. 16843	.141 x .009 x 26"	3.6 x 0.23 x 660mm	OL	\$5.50	No. 85070	.256 x .0098 x 25.6"	6.5 x 0.25 x 650mm	OL	\$7.50
No. 85092	.146 x .0079 x 21.2"	3.7 x 0.20 x 540mm	OL	\$8.00	No. 85071	.256 x .0106 x 25.6"	6.5 x 0.27 x 650mm	OL	\$7.50
No. 85031	.157 x .0067 x 22"	4.0 x 0.17 x 560mm	OL	\$5.75	No. 85072	.256 x .0138 x 27.5"	6.5 x 0.35 x 700mm	OL	\$7.50
No. 85032	.157 x .008 x 19.7"	4.0 x 0.20 x 500mm	OL	\$5.75	No. 16852	.275 x .009 x 30"	7.0 x 0.23 x 762mm	Loop	\$7.50
No. 85033	.157 x .0098 x 15.7"	4.0 x 0.25 x 400mm	OL	\$5.75	No. 85073	.275 x .0098 x 25.6"	7.0 x 0.25 x 650mm	OL	\$7.50
No. 85035	.157 x .0118 x 25.6"	4.0 x 0.30 x 650mm	OL	\$5.75	No. 85074	.275 x .0118 x 25.6"	7.0 x 0.30 x 650mm	OL	\$7.50
No. 85036	.165 x .0122 x 26.4"	4.2 x 0.31 x 670mm	OL	\$6.00	No. 19702	.275 x .0118 x 27"	7.0 x 0.30 x 686mm	OL	\$7.50
No. 85037	.165 x .013 x 26.8"	4.2 x 0.33 x 680mm	OL	\$6.00	No. 85075	.275 x .0146 x 33.5"	7.0 x 0.37 x 850mm	OL	\$7.50
No. 85038	.177 x .0098 x 21.7"	4.5 x 0.25 x 550mm	OL	\$6.25	No. 85076	.275 x .0157 x 17.7"	7.0 x 0.40 x 450mm	OL	\$7.50
No. 85039	.177 x .0098 x 25.6"	4.5 x 0.25 x 650mm	OL	\$6.25	No. 85077	.275 x .0165 x 55.9"	7.0 x 0.42 x 1420mm	OL	\$7.50
No. 85040	.177 x .011 x 25.6"	4.5 x 0.28 x 650mm	OL	\$6.25	No. 16854	.275 x .017 x 48"	7.0 x 0.43 x 1219mm	Loop	\$7.50
No. 85041	.177 x .0118 x 19.7"	4.5 x 0.30 x 500mm	OL	\$6.25	No. 85078	.295 x .0082 x 59"	7.5 x 0.21 x 1500mm	OL	\$8.00
No. 16845	.177 x .0118 x 23.6"	4.5 x 0.30 x 600mm	OL	\$6.25	No. 85079	.295 x .0114 x .57"	7.5 x 0.29 x 1450mm	OL	\$8.00
No. 85042	.177 x .0118 x 25.6"	4.5 x 0.30 x 650mm	OL	\$6.25	No. 85080	.295 x .0118 x 43.3"	7.5 x 0.30 x 1100mm	OL	\$8.00
No. 85094	.177 x .0118 x 26.4"	4.5 x 0.30 x 670mm	OL	\$6.25	No. 85081	.295 x .0138 x 36.6"	7.5 x 0.35 x 930mm	OL	\$8.00
No. 17507	.189 x .0098 x 23"	4.8 x 0.25 x 584mm	Loop	\$6.25	No. 85082	.295 x .014 x 34.6"	7.5 x 0.36 x 880mm	OL	\$8.00
No. 16847	.189 x .0118 x 31"	4.8 x 0.30 x 787mm	OL	\$6.25	No. 17514	.295 x .015 x 39"	7.5 x 0.38 x 990mm	OL	\$8.00
					No. 33532	.295 x .0165 x 55.9"	7.5 x 0.42 x 1420mm	OL	\$8.00
					No. 85091	.311 x .0146 x 35.4"	7.9 x 0.37 x 900mm	OL	\$8.00
					No. 16855	.315 x .009 x 20"	8.0 x 0.23 x 508mm	OL	\$7.50
					No. 85083	.315 x .0098 x 23.6"	8.0 x 0.25 x 600mm	OL	\$7.50
					No. 14215	.315 x .0098 x 30"	8.0 x 0.25 x 762mm	OL	\$7.50
					No. 33443	.315 x .0118 x 48"	8.0 x 0.30 x 1219mm	OL	\$7.50
					No. 85084	.315 x .0126 x 43.3"	8.0 x 0.32 x 1100mm	OL	\$7.50

View Mainspring Winders On Page #100
& Mainspring Let-Down Sets & Chucks On

Page #83

Loop
End



Timesavers New Expanded Listing Of Loop End Mainsprings

We've added over 100 new hard-to-find sizes, some in limited supply.

Most are smaller open loop mainsprings used on music, travel, alarm, and other clocks.



Open Loop
End

Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 16858	.315 x .013 x 30"	8.0 x 0.33 x 762mm	Loop	\$7.50
No. 85085	.315 x .013 x 45.3"	8.0 x 0.33 x 1150mm	OL	\$7.50
No. 14202	.315 x .0146 x 42"	8.0 x 0.37 x 1067mm	Loop	\$6.50
No. 17516	.315 x .015 x 42"	8.0 x 0.38 x 1067mm	Loop	\$7.50
No. 17517	.315 x .016 x 54"	8.0 x 0.41 x 1372mm	Loop	\$8.00
No. 16860	.315 x .016 x 72"	8.0 x 0.41 x 1829mm	Loop	\$9.00
No. 17518	.315 x .017 x 42"	8.0 x 0.43 x 1067mm	OL	\$9.00
No. 17519	.315 x .020 x 46"	8.0 x 0.51 x 1168mm	Loop	\$9.00
No. 85087	.354 x .0098 x 23.6"	9.0 x 0.25 x 600mm	OL	\$7.50
No. 16861	.374 x .011 x 51"	9.5 x 0.28 x 1295mm	Loop	\$8.00
No. 33445	.374 x .0118 x 36"	9.5 x 0.30 x 914mm	OL	\$8.00
No. 16862	.374 x .013 x 34"	9.5 x 0.33 x 864mm	Loop	\$8.00
No. 16864	.374 x .014 x 60"	9.5 x 0.36 x 1524mm	OL	\$9.00
No. 14201	.374 x .0146 x 48"	9.5 x 0.37 x 1219mm	Loop	\$6.50
No. 16865	.374 x .015 x 53"	9.5 x 0.38 x 1346mm	Loop	\$8.50
No. 17523	.374 x .016 x 60"	9.5 x 0.41 x 1524mm	Loop	\$8.50
No. 16866	.374 x .017 x 96"	9.5 x 0.43 x 2438mm	Loop	\$12.50
No. 33448	.374 x .018 x 96"	9.5 x 0.46 x 2438mm	OL	\$12.50
No. 17524	.374 x .019 x 48"	9.5 x 0.48 x 1219mm	OL	\$8.50
No. 16867	.433 x .014 x 72"	11.0 x 0.36 x 1829mm	Loop	\$14.50
No. 16868	.433 x .018 x 48"	11.0 x 0.46 x 1219mm	Loop	\$12.50
No. 16869	.433 x .018 x 60"	11.0 x 0.46 x 1524mm	Loop	\$14.50
No. 33450	.437 x .0118 x 60"	11.1 x 0.30 x 1524mm	OL	\$13.00
No. 85090	.472 x .0165 x 67"	12.0 x 0.42 x 1700mm	OL	\$14.00
No. 16870	.500 x .015 x 84"	12.7 x 0.38 x 2137mm	Loop	\$16.00
No. 16871	.500 x .016 x 66"	12.7 x 0.41 x 1676mm	Loop	\$16.00
No. 16872	.500 x .018 x 60"	12.7 x 0.46 x 1524mm	Loop	\$16.00
No. 33452	.500 x .018 x 84"	12.7 x 0.46 x 2137mm	OL	\$16.00
No. 16873	.500 x .018 x 96"	12.7 x 0.46 x 2438mm	Loop	\$19.50

Part Number	Width x Thickness x Length Inches	Width x Thickness x Length Millimeters	End Style	Price
No. 85093	.512 x .0157 x 41.3"	13.0 x 0.40 x 1050mm	OL	\$18.50
No. 33454	.563 x .014 x 78"	14.3 x 0.36 x 1981mm	OL	\$18.50
No. 16874	.563 x .015 x 78"	14.3 x 0.38 x 1981mm	Loop	\$18.50
No. 33455	.563 x .015 x 80"	14.3 x 0.38 x 2032mm	OL	\$18.50
No. 16875	.563 x .0175 x 96"	14.3 x 0.44 x 2438mm	Loop	\$22.50
No. 33457	.625 x .0118 x 72"	15.9 x 0.30 x 1829mm	OL	\$18.50
No. 16876	.630 x .013 x 69"	16.0 x 0.33 x 1753mm	Loop	\$20.50
No. 14222	.630 x .0175 x 96"	16.0 x 0.44 x 2438mm	Loop	\$20.50
No. 33529	.688 x .014 x 108"	17.4 x 0.36 x 2743mm	Loop	\$22.50
No. 17525	.689 x .015 x 108"	17.5 x 0.38 x 2743mm	Loop	\$24.00
No. 20506	.689 x .0165 x 96"	17.5 x 0.42 x 2438mm	Loop	\$19.50
No. 16878	.689 x .018 x 96"	17.5 x 0.46 x 2438mm	Loop	\$24.00
No. 16879	.750 x .0118 x 72"	19.0 x 0.30 x 1829mm	Loop	\$20.50
No. 33531	.750 x .014 x 60"	19.0 x 0.36 x 1524mm	Loop	\$16.00
No. 16880	.750 x .014 x 108"	19.0 x 0.36 x 2743mm	Loop	\$17.00
No. 14203	.750 x .015 x 170"	19.0 x 0.38 x 4318mm	Loop	\$23.50
No. 16881	.750 x 0.16 x 78"	19.0 x 0.41 x 1981mm	Loop	\$20.50
No. 29515	.750 x .016 x 108"	19.0 x 0.41 x 2743mm	Loop	\$21.00
No. 00048	.750 x .0165 x 78"	19.0 x 0.42 x 1981mm	Loop	\$12.50
No. 00086	.750 x .0165 x 64"	19.0 x 0.42 x 1625mm	Loop	\$12.50
No. 18790	.750 x .0165 x 96"	19.0 x 0.42 x 2438mm	Loop	\$15.50
No. 32927	Same As Above	- German Made	Loop	\$22.50
No. 15959	.750 x .0165 x 120"	19.0 x 0.42 x 3048mm	Loop	\$21.50
No. 16882	.750 x .017 x 120"	19.0 x 0.43 x 3048mm	Loop	\$21.50
No. 14320	.750 x .0175 x 96"	19.0 x 0.44 x 2438mm	Loop	\$16.50
No. 32928	Same As Above	- German Made	Loop	\$22.50
No. 29936	.750 x .018 x 96"	19.0 x 0.46 x 2438mm	Loop	\$21.50
No. 33530	.750 x .018 x 120"	19.0 x 0.46 x 3048mm	Loop	\$21.50
No. 32547	.750 x .020 x 96"	19.0 x 0.51 x 2438mm	Loop	\$21.50
No. 33463	.813 x .011 x 80"	20.7 x 0.28 x 2032mm	Loop	\$22.00
No. 33464	.813 x .013 x 48"	20.7 x 0.33 x 1219mm	Loop	\$22.00
No. 16885	.874 x .018 x 96"	22.2 x 0.46 x 2438mm	Loop	\$28.00

Mainsprings & Related
Mainspring Barrel Arbors



Sleeves Only:
 For Hermle movements.
No. 19278 9.0mm diameter x 31.8mm long. For spring barrels #41, #54 and #55.
No. 19281 9.0mm diameter x 31.8mm long. For spring barrels #10, #11, #40, #50, #56 and #58.

\$5.50 each



Arbor & Sleeve Combinations:
No. 19279 7.0mm diameter x 31.8mm long. Used on #31, #32 and #33 barrels for W0130 and W0132 movements.
No. 19280 7.0mm diameter x 37.5mm long. Used on #31, #32 and #33 barrels for W0131 movement.

\$5.50 each

Mainspring Barrel Arbors



Arbor and ratchet wheel combinations:
No. 15955 5.5mm diameter x 53.8mm long. Used on #10, #11, #40, #41, #54 and #56 with short hand shafts.
No. 15956 5.5mm diameter x 58.6mm long. Used on #10, #11, #40, #41, #54 and #56 with long hand shafts.

\$7.00 each

Urgos Barrel Arbors - Closeout



Nickled. For Urgos movements. Diameter x square x length shown. **Was \$8.00.**
No. 01426 UW6 3.5 x 3.7 x 64.2mm
No. 01429 UW16 3.0 x 3.0 x 36.6mm
No. 01430 UW16 3.0 x 3.0 x 41.5mm
No. 01431 .. UW20/7 3.0 x 3.0 x 46.5mm
No. 00634 N/A 5.0 x 3.7 x 77.7mm

\$4.00 each

Movements & Related-Electric

Electric Movements



2-1/8" x 2-1/8" x 5/8" deep. Rear set. 4-1/2' power cord. 5/16" shaft diameter. Stepping sweep second hand not included. Uses standard "I" shaft hands on **page #46.**

	Max Dial	Handshaft
		Thickness
		Length

No. 20529	1/8"	17/32"
No. 13262	1/4"	5/8"
No. 23550	1/2"	7/8"
No. 23549	3/4"	1-1/4"
	\$23.00 each	\$67.50/ 3 (\$22.50)

Synchron Motor - Hansen A-43A



1 RPM, 60 cycle. Includes a 10-tooth pinion. 2" diameter, 1-5/16" overall depth not including the pinion. 4 tab mounts.
No. 18404 **\$40.00 each**

"S" Type Telechron Rotor



New stock. While supplies last!! M3633: 60 cycles x 3.6RPM. Replaces: M3520, M3518, M3481, M3479, M3476, M3404, M3394, M3378, M3333, M3331, M3313, M3296, M3162, M3156, M3154, M3141, M3083, M3072 and M2492.
No. 14521 **\$19.50 each**

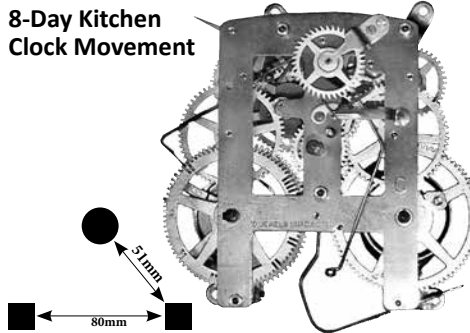
"B" Field, Coil, & Rotor Assembly



Fits many mechanisms with "B" type rotors. Use in timers, barographs and other commercial applications. High torque motor runs noisy and warmer. 1RPM, 60 HZ, clockwise rotation. **Not recommended for residential use.**
No. 20146 **\$42.00 each \$124.50/ 3**

Movements - Mechanical

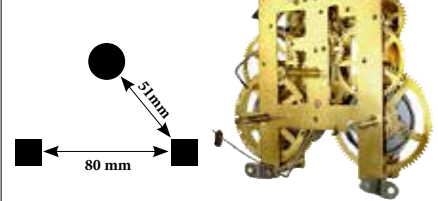
8-Day Kitchen Clock Movement



5-1/2" x 6" x 2-3/4" deep overall. 1" handshaft. 9-1/4" pendulum drop from center of handshaft to pendulum tip. Accessories not included. India.
No. 14442 **\$99.50 each**

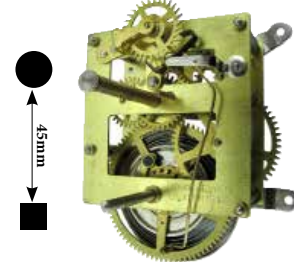
View Quartz Movements Starting On Page #66

8-Day Mantel Clock Movement



8-day hour and half-hour strike. Back mounted pendulum. 4-1/2" pendulum drop from center of handshaft to tip. Includes a winding key, 1-1/2" diameter adjustable brass pendulum and hands to fit 5", 6-3/4" and 11" dials. India.
No. 29489 **\$98.00 each**

8-Day Time Only Movement 13" Drop

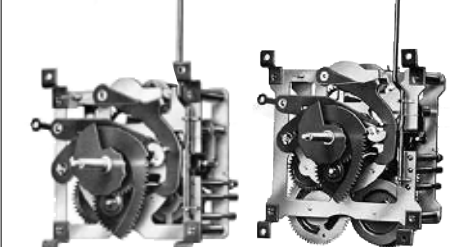


Commonly used in school clocks. 3-3/4" tall x 4-3/4" wide x 3-3/4" deep. 2" long handshaft. Heavy brass plates with oil sinks and lantern pinions. 13" pendulum drop measured from center of handshaft to pendulum tip. With hands for an 11" dial, key and suspension rod. India.
No. 30468 **\$72.50 each**

8-Day Time Only Movement 18" Drop

Used in long drop school clocks and long drop store regulators 3-3/4" x 4-3/4" x 3-3/4" deep. 2" handshaft, Brass plates with oil sinks and lantern pinions. 18" pendulum drop from center of handshaft to pendulum tip. 1-3/4" from center shaft to winding arbor. Accessories not included. India.
No. 14492 **\$75.00 each**

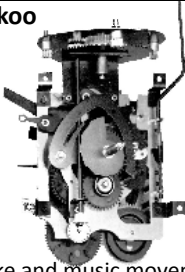
1-Day & 8-Day Regula Cuckoo Movements



Movements with chains, hooks, rings, hand nuts and bushings. Weights, pendulum, hands and bellows not included. Pendulum length is measured from the horizontal suspension post to center of pendulum leaf. Germany.
No. 14427 Regula 25 1-day 7-3/4" Drop
No. 23508 Regula 25 1-day 9-1/4" Drop
\$75.00 each \$223.50/ 3 (\$74.50)
No. 14428 Regula 34 8-day 7-3/4" Drop
No. 23509 Regula 34 8-day 9-1/4" Drop
No. 23510 Regula 34 8-day 11-1/4" Drop
\$119.50 each \$357.00/ 3 (\$119.00)

Movements - Mechanical

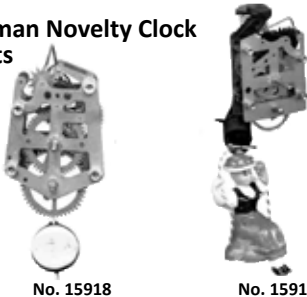
1-Day Regula Cuckoo Movements With Dancing Platform



Regula 25 time, strike and music movement with dancing platform, chains and handnuts. 3" wide x 3-1/2" tall. Platform height is measured from the handshaft to top of platform. The 7 3/4" drop is measured from the suspension post to center of pendulum leaf. Does not include weights, pendulum, hands, dancing figures or bellows. Germany.

- No. 18409 2-1/4" Tall **\$130.00 each**
- No. 20071 3" Tall **\$130.00 each**

1-Day German Novelty Clock Movements



No. 15918

No. 15919

Used on most small novelty clocks. Includes key, pendulum and hands.

- No. 15918 **\$22.50 each**
- No. 15919 **\$29.00 each**

Alarm Mechanism Components



No. 14523

No. 14524

No. 19899

The alarm mechanism No. 14523 includes the alarm ring, actuator arm and alarm mechanism with hammer and mainspring.

- No. 14523 Complete Set **\$28.50 set**
- No. 14524 Center Alarm Ring **\$3.50 each**
- No. 19899 Actuator Arm **\$3.50 each**

Calendar Conversions



- No. 10470 Universal **\$14.00 each**



- No. 19334 Waterbury **\$14.00 each**

Music Movements & Related

Music Box Winding Key



- Brass Triangle Style -3.5mm Thread**
- No. 19380 . 1/2" (13mm) long **75¢ each**
- No. 19381 . 1" (25.4mm) long **75¢ each**



- Brass T-Bar Style -3.5mm Thread**
- No. 19376 ... 5/16" (7.5mm) long **75¢ each**
- No. 19377 3/8" (10mm) long **75¢ each**
- No. 19378 1/2" (13mm) long **75¢ each**
- No. 19379 . 23/32" (18mm) long **75¢ each**

Stopper Bracket For 18-Tooth Music Governor



Includes a bracket, screw and washer. Required when installing No. 14496 governor.

- No. 32073 **\$8.00 set**

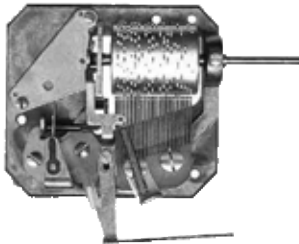
Music Movement Stopper, Bracket & Spring



Stopper, bracket and spring used on Reuge two-tune 22-tooth music movements.

- No. 29014 **\$8.00 set**

22-Tooth 2-Tune Cuckoo Music Movement



Swiss Made

- Two-Tune (Edelweiss/Happy Wanderer)
- No. 14433 ... 2 Tune 22 Tooth **\$94.50**

22-Tooth 2-Tune Cuckoo Music Movement



Economical alternative to Swiss version. Good quality. Edelweiss/Happy Wanderer. 1-7/8" shaft. From China.

- No. 34321 **\$50.00 each**

28-Tooth 2-Tune Cuckoo Music Movement



2 tune cuckoo music movement plays Edelweiss and Happy Wanderer. 2" Shaft. Great tune clarity and overall quality. An economical alternative to the Swiss variety with 22-teeth and improvement in tonal quality.

- No. 34190 **\$52.50 each**

37-Tooth 2-Tune Music Movement



2-tune cuckoo music movement plays Edelweiss and the Happy Wanderer. 2" Shaft. Great tune clarity and overall quality. A economical alternative to the Swiss variety with 36-teeth with improvement in tonal quality.

- No. 34232 **\$73.50 each**

22 & 37-Tooth, 2-shaft, 2-Tune Music Movements



22-tooth, 2-shaft, 2-tune music movement. Edelweiss/Happy Wanderer.

- No. 34361 **\$54.50 each**

37-tooth, 2-shaft, 2-tune music movement. Edelweiss/Happy Wanderer.

- No. 34362 **\$77.50 each**

Music Movement Governor



Replace worn or damaged governor and keep the same tune. Tooth count indicates the number of teeth on the comb. Mounting holes may need to be filed to fit your movement. 7 leaf pinion. A more economical alternative to the Swiss models. Excellent quality.

	# Of Teeth On Comb	# Of Teeth On Pinion	
No. 34191 22, 28, 37	22, 28, 37	7	\$20.50

**View Other
Cuckoo Material
Starting On Page
#27**

Movement Hardware & Related

Hand Nuts - Brass



4.0mm thread. Fits most common mini quartz movement hand shafts. 10-pack.

No. 23868 Cap Nut **\$1.50 pack**
No. 23867 Open Nut **\$1.50 pack**

Brass Mounting Nuts



For 8.0mm (5/16") mounting shafts.

No. 23866 10-pack **\$1.50 pack**
No. 23829 Large Flange **75¢ each**

Hermle Brass Fixation Nuts



Used to mount many German quartz movements to dials. **Was 75¢. While supplies last.**

Part #	Thread Diameter	Length Under Head	Price
No. 90184	8mm	5.0mm	25¢ each
No. 90185	8mm	7.0mm	25¢ each
No. 90186	8mm	8.0mm	25¢ each
No. 90187	8mm	9.0mm	25¢ each
No. 90188	8mm	15.0mm	25¢ each
No. 90189	8mm	19.5mm	25¢ each

Fixation Nut Assortment 4-Pack - Brass



10mm (3/8") threads. Externally and internally threaded. Mounts movements to cases on many imported quartz movements.

No. 33586 **\$4.00 pack**

Washers For Quartz Movements



Fits over the handshaft of mini movements. Use as spacers or for appearance.

No. 23861 .. Brass (10-pack) 9/16" OD x 5/16" ID **\$1.50**
No. 23862 Brass (10-pack) 5/8" OD x 7/16" ID **\$1.50**
No. 23863 . Rubber (10-pack) 5/8" OD x 5/16" ID **\$1.50**
No. 18965 Rubber (12-pack) 1" OD x 3/8" ID **\$1.75**
No. 34250 Rubber (12-pack) 2" OD x 3/8" ID **\$2.00**

Aluminum Quartz Movement Hangers



Fits many mini quartz movements. 10-pack.
No. 23870 Small .700" wide **\$3.00 pack**
No. 33968 Large .840" wide **\$3.00 pack**

Movement Mounting Pad



Double sided adhesive pad used for mounting quartz movements. 1-7/8" square.
No. 20325 **\$1.50 each**

Mini Quartz Movement Cover - Closeout



Waterproof plastic. 2-1/4" square inside dimension. Most standard mini quartz movements fit. **Was \$2.00.**
No. 33780 **\$1.00 each**

Fit-Up Mounting Rings



Flexible rubber. Used as a compression spacer for fit-ups. Outside diameter shown.
No. 19665 1-3/4" **\$1.25 each**
No. 29078 2-1/8" **\$1.25 each**
No. 20483 2-3/8" **\$1.50 each**
No. 33694 2-5/8" **\$1.50 each**
No. 33695 3-1/8" **\$1.50 each**

Pendulum Drivers

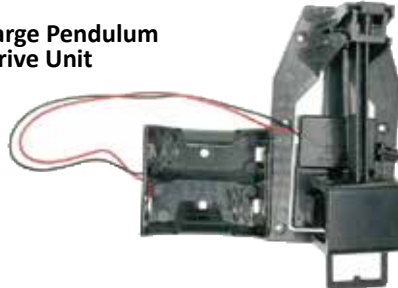
Pendulum Case



Pendulum Not Included

Converts a mini quartz movement to a pendulum movement. 5-1/2" x 2-1/4" x 1-1/4" deep. **No. 23552** will pull up to 3.5 ounces. **No. 32468** will pull up to 8.8 ounces and is used for longer, heavier rod/bob combinations.
No. 23552 . 100 gram max **\$5.00 each**
No. 32468 .. 250 gram max **\$6.50 each**

Large Pendulum Drive Unit



Avoid expensive mechanical movements. This unit will power many wall clock pendulums. Max 350 grams (12 ozs.) and up to 39" long. Mounts inside case with 4 pre-drilled holes. 2-1/2" W x 5-1/2" L x 2" D. Detached battery compartment measures 2-3/8" x 2-1/8" x 1" D. Runs on 2 "C" batteries, not included.
No. 33779 **\$9.50 each (\$27.75/3)**

Time Only Quartz Movement



Movement for push-on hands measures 2" x 2-1/8" x 5/8" thick with 3/4" long hand shaft. Runs on 1-AA battery. Hour hand mounting OD is 5.5mm. Minute hand mounting OD is 3.65mm.

Beautiful wood hands illustrated below fit this movement are not included and must be ordered separately. Each handset includes a 4" long wood second hand as measured from the center of the mounting hole to the tip. Asia.
No. 34365 ... Movement only ... **\$3.75 each**



Tree branch wood hands. 3-5/8" minute hand.
No. 34366 **\$3.00 set**

Tapered wood hands. 4-1/8" minute hand.
No. 34367 **\$3.00 set**

Egg shape wood hands. 4-1/8" minute hand.
No. 34368 **\$3.00 set**

Cut-out wood hands. 4-1/2" minute hand.
No. 34369 **\$3.00 set**

S. Haller 400-Day Movements & Parts

W97-740 Haller High Torque 400 Day Quartz Movement



Most current quartz rotating pendulum movement for S. Haller 400 day clocks produced after 1997. Measures 2-1/2" x 2-1/4" x 3/4" thick. 16mm (approx. 5/8") hand shaft length. Uses special European I-Shaft hands (Our #34255 or #34256) with an oblong mounting hole that measures .285" wide x .350" long. Runs on 1 - "AA" battery, not included. Hand nut and washer included. Germany.
No. 34261 **\$39.50 each**

Lower Pendulum Bearing Screw For Haller 400 Day Clocks



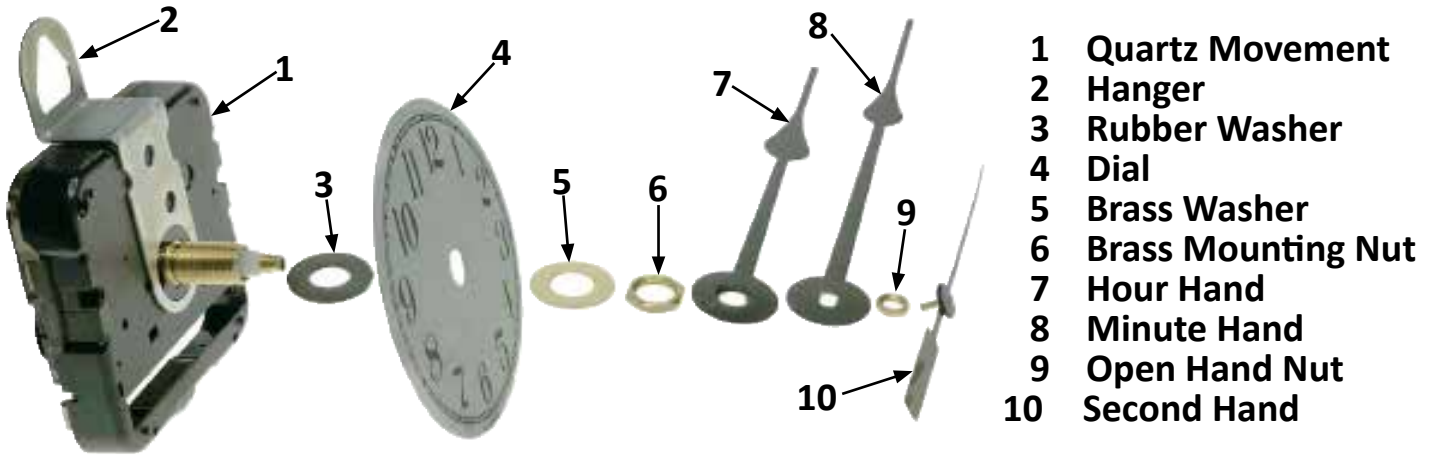
Threaded brass bearing with nut supports the pendulum on S. Haller 400 day clocks.
No. 34257 **\$14.50 each**

W-993 Springs For Haller 400 Day Clocks



Replacements torsion springs for S. Haller production 400 day clocks. Germany.
 Coil spring for Haller miniature 9" clock
No. 34258 **\$12.50 each**
 Coil spring for Haller Standard 12" clock
No. 34259 **\$13.50 each**
 Open end spiral spring
No. 34260 **\$11.00 each**

**You Can Order
Online 24/7
www.timesavers.com**



- 1 Quartz Movement
- 2 Hanger
- 3 Rubber Washer
- 4 Dial
- 5 Brass Washer
- 6 Brass Mounting Nut
- 7 Hour Hand
- 8 Minute Hand
- 9 Open Hand Nut
- 10 Second Hand

How To Choose A Quartz Movement

Different types of quartz movements available:

- **Mini size** movements are used on small desk and wall clocks and operate on one "AA" battery.
- **Standard size** movements are used on larger wall and small floor clocks that pull longer or heavier hands and operate on one "C" battery.
- **High torque** movements are used on small wall clocks that pull longer or heavier hands up to 17" long.
- **Stepping sweep** movements have a second hand that advances one second, stops, then advances and produces a faint ticking sound.
- **Continuous sweep** movements have a second hand that rotates around the dial without stopping. Also called a quiet movement.
- **Time only** movements - these do not chime.
- **Pendulum** movements - these have a swinging pendulum.
- **Chime** movements - these produce chiming sounds.

Movements Available With Special Functions:

- Alarm movements
- Backwards movements
- Calendar movements
- Carriage clock movements
- Chiming movements
- Radio controlled movements
- Rotating ball (anniversary clock) movements
- Thermometer movements
- Tide movements
- Trigger movements

Other Considerations:

- Movements may be available in several hand shaft length to fit through dials of various thicknesses.
- To choose the correct hand shaft length, measure the thickness of the dial and add a minimum of 1/8" (approximately 3mm) to that measurement.
- Pendulums for pendulum movements are available in many styles, lengths and materials.
- Hands are available in **I-shaft** (most common) or **push-on** mounting hole configurations to fit matching movement hand shafts. Many styles, lengths and colors are available.

Important Installation Information

The large mounting nut should not be overtightened as this could cause the internal gearing to be damaged.

It's important the hour hand is pressed all the way down on the movement's hour hand shaft. After the minute hand is installed, set the hands to the 12 o'clock position then view the movement from the side to be certain the hour and minute hands are clear of each other. Then rotate the hand set knob on the back of the movement several times to be sure hand clearance is maintained through all the hours.



Hand Mounting Types

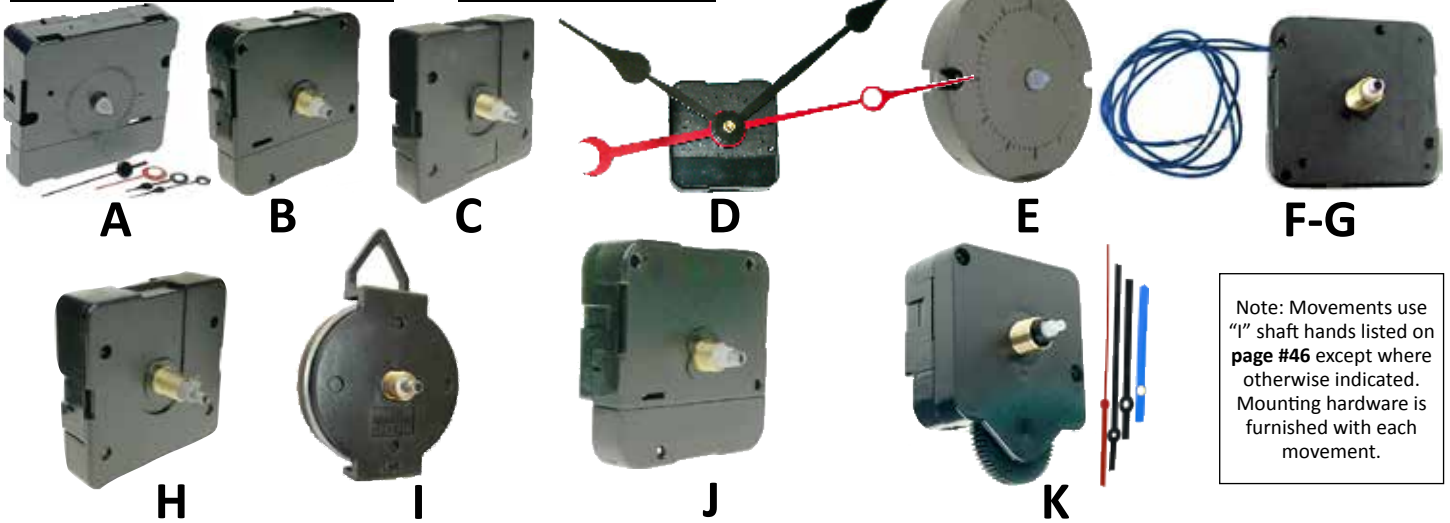


I-Shaft Hand Mounting

Push-On Hand Mounting

Specialty Movements

No Pendulum



Note: Movements use "I" shaft hands listed on page #46 except where otherwise indicated. Mounting hardware is furnished with each movement.

Part #	Movement Type & Features	Movement Size	Mfr.	Handshaft Length	Max. Dial Thickness	Battery (not included)	Price			
							Each	3's	6's	12's
A No. 33769 No. 33889 No. 33770	Alarm Continuous sweep. Complete with hour, minute, second and alarm push-on hands for a 2" dial.	2-3/16" x 2-3/16" x 5/8"	Asia	7/32" 11/32" 17/32"	1/8" 3/16" 1/4"	"AA"	\$7.50	\$7.25	\$7.00	\$6.75
B No. 14576 No. 32463	Alarm Stepping sweep. Hour, minute, second & alarm push-on hands for 2" dial included. With beeping alarm.	2-3/16" x 2-3/16" x 5/8"	Asia	1/4" 9/16"	1/8" 3/8"	"AA"	\$6.00	\$5.75	\$5.50	\$5.25
C No. 14530	Backwards Stepping sweep. Push-on hands not included.	2-3/16" x 2-3/16" x 5/8"	Asia	19/32"	1/8"	"AA"	\$5.50	\$5.25	\$5.00	\$4.75
D No. 29119	Calendar Stepping sweep. 31-day calendar movement requires calendar hand on page #51 not included. "I" shaft hands not included.	2-1/4" x 2-1/4" x 7/8"	Asia	3/4"	3/8"	"AA"	\$27.50	\$27.25	\$27.00	\$26.75
E No. 33884 No. 33885	Carriage Clock (Non-Alarm) Stepping sweep. One set of push-on hands 1" black, stick style and one set of 1-1/8" fancy style hands included.	1-9/16" x 5/16" 2" x 21/64"	Asia Asia	1/8" 9/64"	1/16" 3/32"	Cell Included	\$6.50	\$6.25	\$6.00	\$5.75 Combine for price break
F No. 33886 No. 33887	Mini Trigger Continuous sweep. Emits an electronic pulse on the hour to trigger a sound making device. 2-1/4" lead wires. For clocks with bird, train or other sounds on the hour. "I" shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	19/32" 7/8"	3/16" 1/2"	"AA"	\$6.50	\$6.25	\$6.00	\$5.75 Combine for price break
G No. 32153 No. 33888	Mini Trigger Stepping sweep. Emits an electronic pulse on the hour to trigger a sound making device. 2-1/4" lead wires. Uses "I" shaft hands (not included). For clocks with bird, train or other sounds on the hour. "I" shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	19/32" 7/8"	3/16" 1/2"	"AA"	\$6.00	\$5.75	\$5.50	\$5.25 Combine for price break
H No. 14426 No. 34172	Mini 24-Hour Stepping sweep. For computer & radio rooms & military installations. No 2nd hand. Rear set. "I" shaft hands (not included).	2-1/4" x 2-1/4" x 5/8"	Asia	19/32" 21/32"	3/16" 1/4"	"AA"	\$5.00	\$4.75	\$4.50	\$4.25
I No. 29825 No. 29826	Thermometer Uses standard "I" shaft minute hand (not included).	2" x 9/16"	Asia	3/8" 11/16"	1/4" 1/2"	N/A	\$5.50	\$5.25	\$5.00	\$4.75 Combine for price break
J No. 33883 No. 29822	Tide Movement Rear set. Use a push-on hour hand (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	1/2" 21/32"	1/4" 3/8"	N/A	\$5.50	\$5.25	\$5.00	\$4.75 Combine for price break
K No. 29819	Time & Tide Movement 4-3/4" minute hand, 3-1/2" hour hand, 2nd hand & tide hand are included. For dial see #34204 on page #32.	2-7/8" x 2-1/8" x 1"	Asia	11/16"	1/4"	"AA"	\$12.00	\$11.75	\$11.50	\$11.25

Time Only Quartz Movements

No Pendulum



Note: All quartz movements use "I" shaft hands listed on page #46 except where otherwise indicated. Mounting hardware is furnished with each movement.

Part #	Movement Type & Features	Movement Size	Mfr.	Handshaft	Max. Dial	Battery Type (not included)	Price				
				Length	Thickness		Each	3's	12's	50's	
A No. 32465 No. 32558 No. 33870 No. 32466 No. 33699 No. 33782	Mini Hi-Torque Continuous sweep. "I" shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	1/2"	3/16"	"AA"	\$6.50	\$6.25	\$6.00	\$5.75	
				21/32"	1/4"						
				25/32"	3/8"						Combine for price break
				7/8"	7/16"						
				1-1/16"	5/8"						
				1-3/16"	3/4"						
B No. 15736	Mini Hi-Torque Continuous sweep. "I" shaft hands (not included).	2-1/8" x 2-1/8" x 9/16"	Seiko	5/8"	1/4"	"AA"	\$10.00	\$9.75	\$9.50	\$9.25	
C No. 32464 No. 32559 No. 33871 No. 20681 No. 33872 No. 33873	Mini Hi-Torque Stepping sweep. "I" shaft hands (not included).	2-1/8" x 2-1/8" x 5/8"	Asia	1/2"	3/16"	"AA"	\$5.00	\$4.75	\$4.50	\$4.25	
				21/32"	1/4"						
				25/32"	3/8"						Combine for price break
				7/8"	7/16"						
				1-1/16"	5/8"						
D No. 33546 No. 33547 No. 33548 No. 33549	Mini Hi-Torque Stepping sweep. "I" shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Takane	5/8"	1/4"	"AA"	\$5.50	\$5.25	\$5.00	\$4.75	
E No. 34279	Mini Hi-Torque Stepping sweep. "I" shaft hands (not included).	2-3/4" x 2-3/16" x 1/2"	Asia	5/8"	1/4"	"C"	\$6.50	\$6.25	\$6.00	\$5.75	
F No. 32740	Standard Size Hi-Torque Continuous sweep. "I" shaft hands (not included).	2-3/4" x 2-1/8" x 1"	Asia	7/8"	3/8"	"C"	\$25.50	\$25.25	\$25.00	N/A	
G No. 14418 No. 23551 No. 14574 No. 14419	Standard Size Stepping sweep. "I" shaft hands (not included).	2-3/4" x 2-1/8" x 1"	Takane	5/8"	1/4"	"C"	\$7.25	\$7.00	\$6.75	\$6.50	
				3/4"	3/8"						
				15/16"	1/2"						
				1-3/16"	13/16"						
H No. 20682 No. 32775	Standard Size Hi-Torque Stepping sweep. "I" shaft hands (not included).	2-3/4" x 2-3/16" x 11/16"	Takane	13/16"	3/8"	"C"	\$13.50	\$13.25	\$13.00	\$12.75	
				1-1/16"	5/8"						Combine for price break
I No. 33880	Standard Size Hi-Torque Stepping sweep. "I" shaft hands (not included).	2-3/4" x 2-3/16" x 11/16"	Asia	29/32"	3/8"	"C"	\$6.50	\$6.25	\$6.00	\$5.75	

Time Only Quartz Movements

No Pendulum



A



B



C



D



E



F



G

Note: All quartz movements use "I" shaft hands listed on page #46 except where otherwise indicated. Mounting hardware is furnished with each movement.

Part #	Movement Type & Features	Movement Size	Mfr.	Handshaft Length	Max. Dial Thickness	Battery Type (not included)	Price			
							Each	3's	12's	50's
A No. 33875 No. 33876 No. 33877	Mini Continuous sweep. Push-on hands (not included).	2-3/16" x 2-3/16" x 11/16"	Asia	1/2"	1/8"	"AA"	\$3.75	\$3.50	\$3.25	\$3.00
				21/32"	1/4"					
				29/32"	1/2"					
B No. 20534 No. 20535 No. 34037 No. 33785	Mini Stepping sweep. Push-on hands (not included).	2-3/16" x 2-3/16" x 11/16"	Asia	1/2"	1/8"	"AA"	\$3.50	\$3.25	\$3.00	\$2.75
				21/32"	1/4"					
				25/32"	3/8"					
				29/32"	1/2"					
C No. 22884 No. 22886 No. 33783 No. 33784	Mini Snap-In Stepping sweep. Push-on hands (not included)	2-3/16" x 2-3/16" x 5/8"	Asia	11/32"	1/16"	"AA"	\$3.50	\$3.25	\$3.00	\$2.75
				9/16"	3/16"					
				25/32"	3/8"					
				29/32"	1/2"					
D No. 14573 No. 29117 No. 29118 No. 33080 No. 33698 No. 33781	Mini Continuous sweep. "I" Shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	1/2"	1/8"	"AA"	\$5.00	\$4.75	\$4.50	\$4.25
				21/32"	1/4"					
				25/32"	3/8"					
				29/32"	1/2"					
				1-1/16"	5/8"					
				1-3/16"	3/4"					
E No. 33696 No. 20880 No. 20881 No. 32462 No. 33697 No. 14579	Mini Stepping sweep. "I" Shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	1/2"	3/16"	"AA"	\$3.00	\$2.75	\$2.50	\$2.25
				21/32"	1/4"					
				25/32"	3/8"					
				29/32"	1/2"					
				1-1/16"	5/8"					
				1-3/16"	3/4"					
F No. 17681 No. 14400 No. 14402 No. 14401	Mini Seiko Stepping sweep. "I" shaft hands (not included).	2-3/16" x 2-3/16" x 9/16"	Seiko	7/16"	1/8"	"AA"	\$7.50	\$7.25	\$7.00	\$6.75
				5/8"	1/4"					
				13/16"	3/8"					
				1-1/16"	5/8"					
G No. 32386 No. 32387 No. 32388	Mini Stepping sweep. Special Gearing for longer hands. Built-in hanger. "I" shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	9/16"	3/16"	"AA"	\$4.00	\$3.75	\$3.50	\$3.25
				11/16"	1/4"					
				1-1/16"	5/8"					

Quartz Pendulum Movements



A



B



C



D



E

Pendulum movements do not ship with pendulums. Pendulums can be ordered separately at additional cost. Please see **page #76**.



F



G



H

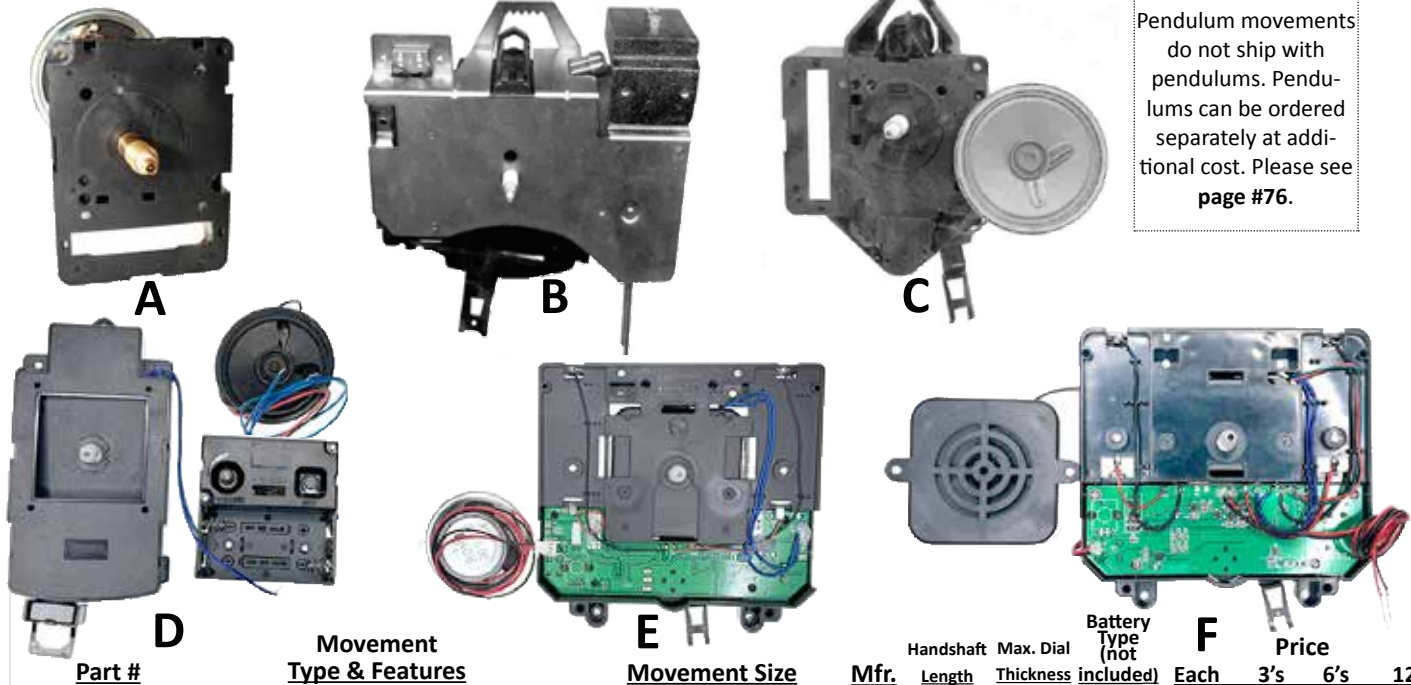


I

Note: All quartz movements use "I" shaft hands listed on **page #46** except where otherwise indicated. Mounting hardware is furnished with each movement.

Part #	Movement Type & Features	Movement Size	Mfr.	Handshaft	Max. Dial	Battery Type (not included)	Price			
				Length	Thickness		Each	3's	6's	12's
A No. 29016	31-Day Calendar Stepping sweep. 31-day calendar movement requires calendar hand on page #51 not included. Stepping sweep. "I" shaft hands not included.	4-1/4" x 2-1/4" x 1-3/16"	Asia	27/32"	3/8"	"AA"	\$27.50	\$27.25	\$27.00	\$26.75
B No. 14528	400-Day Oscillating movement rotates a 2-3/4" tall gold plastic ball pendulum (No. 33882), included. Not for timekeeping. To order pendulum only see page #78 .	2-1/4" x 2-1/8" x 5/8"	Asia	—	—	"AA"	\$6.00	\$5.75	\$5.50	\$5.25
No. 34202	Same as above, but only rotates in one direction.									
C No. 33771 No. 33772 No. 33773 No. 34171	Super Mini Stepping sweep. "I" shaft hands (not included).	2-3/16" x 2-3/16" x 5/8"	Asia	1/2" 21/32" 25/32" 29/32"	1/8" 1/4" 5/16" 7/16"	"AA"	\$5.25	\$5.00	\$4.75	\$4.50 Combine for price break
D No. 33775 No. 33776 No. 33777 No. 33778	Mini Continuous sweep. "I" shaft hands (not included).	3-7/16" x 2-1/4" x 27/32"	Asia	1/2" 21/32" 29/32" 1-1/16"	3/16" 5/16" 7/16" 13/16"	"AA"	\$6.00	\$5.75	\$5.50	\$5.25 Combine for price break
E No. 23529 No. 23530 No. 33868 No. 14564	Mini Stepping sweep. "I" shaft hands (not included).	3-3/8" x 2-3/16" x 5/8"	Takane	5/8" 3/4" 1" 1-3/16"	1/4" 3/8" 1/2" 3/4"	"AA"	\$7.00	\$6.75	\$6.50	\$6.25 Combine for price break
F No. 14555 No. 14556	Mini Stepping sweep. "I" shaft hands (not included).	3-3/16" x 2-3/16" x 15/16"	Seiko	5/8" 1"	1/4" 5/8"	"AA"	\$13.50	\$13.25	\$13.00	\$12.75 Combine for price break
G No. 32467 No. 33700 No. 20167 No. 33774 No. 32225 No. 33874	Mini Stepping sweep. "I" shaft hands (not included).	4-3/4" x 2-1/4" x 7/8"	Asia	1/2" 21/32" 25/32" 29/32" 1-1/16" 1-3/16"	3/16" 5/16" 3/8" 7/16" 5/8" 3/4"	"AA"	\$6.50	\$6.25	\$6.00	\$5.75 Combine for price break
H No. 19432	Standard Stepping sweep. "I" shaft hands (not included).	3-7/16" x 3" x 1-1/8"	Takane	13/16"	7/16"	"C"	\$22.50	\$22.25	\$22.00	\$21.75

Chiming Quartz Movements



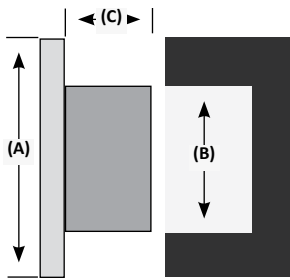
Pendulum movements do not ship with pendulums. Pendulums can be ordered separately at additional cost. Please see page #76.

Chiming Quartz Movements - No Pendulum

Part #	Movement Type & Features	Movement Size	Mfr.	Handshaft Length	Max. Dial Thickness	Battery Type (not included)	Price			
							Each	3's	6's	12's
A No. 14582 No. 14584	Westminster & Whittington Stepping sweep. 2-3/16" dia. detachable speaker, 10-1/2" wires. Night shut-off & volume control. Chimes quarters and strikes the hours.	2-3/8" x 3-3/4" x 1-3/8"	Seiko	5/8" 1-1/8"	1/4" 5/8"	"C"	\$31.00	\$30.75	\$30.50	\$30.25

Chiming Quartz Movements With Pendulum Feature

B No. 18400	Bim-Bam Chime On Rods Does not accommodate a second hand.	6-1/2" x 6-3/4" x 2"	Asia	7/8"	7/16"	"D"	\$115.00	\$114.50	\$114.00	
C No. 14580 No. 14581	Westminster & Whittington Chimes Stepping sweep. Chimes the quarters and strikes the hours.	3-1/4" x 4-1/2" x 1-5/16"	Seiko	5/8" 1-1/8"	1/4" 5/8"	"C"	\$34.50	\$34.25	\$34.00	\$33.75
D No. 34370	Quartz Pendulum Chime Movement Uses 1-AA battery. Chime unit is 2-1/8" x 2-1/4". Volume & mode setting. Uses 2-AA batteries. Ave Maria + bell, W/M + bell (rings ¼ hours), W/M + bell (rings on the hour), bell only on the hour. 2" diameter speaker. 2 sets of push-on hands included (Black spade with 4-1/4" minute hand & black serpentine with 3-3/4" minute hand). Hardware included.	2-5/16" x 4-9/16"	Asia	1/2"	1/4"	2-"AA"	\$21.50	\$21.25	\$21.00	\$20.75
E No. 34364	Westminster Ave Maris & Bim-Bam Chiming Pendulum Movement Runs on 1-AA battery. Music movement 2-C batteries. Rear volume control, night shut off. Ave Maria + bell, 4x4 W/M + bell, W/M + bell, Bim-Bam. 1-7/8" diameter speaker. 2 sets of push-on hands, black stick 4-3/4" minute hand and black serpentine 3-7/8" minute hand with one second hand. Mounting hardware and instructions included.	4-1/8" x 4-1/8" x 1-1/8"	Asia	9/16"	5/16"	1-"AA" 2-"C"	\$31.50	\$31.25	\$31.00	\$30.75
F No. 29615 No. 30407 No. 30408	Westminster, Ave Maria & Bim Bam Stepping sweep. 12" speaker wire. Use with or without pendulum. 4 x 4 Westminster Chime (Westminster chimes on the quarter hours and strikes the hour), Westminster Chime (full Westminster chimes on the hour only), Ave Maria (chimes on the hour only) and Bim Bam (strikes on the hour only). No Chime and strike shutoff feature. The chime quality of the Westminster tubular chime is unmatched.	4-5/8" x 4-3/8" x 1-1/4"	Asia	11/16" 13/16" 1"	23/8" 9/16" 11/16"	2-"C"	\$45.00	\$44.50	\$44.00	\$43.50



Quartz Fit-Up Movements



Style #1
Plain Bezel
Arabic Dial



Style #2
Plain Bezel
Roman Dial



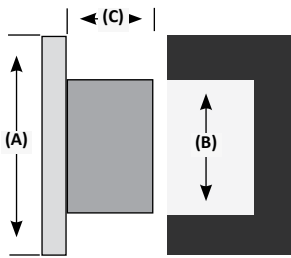
Style #4
Brass Bezel
Gold Center
Arabic Dial



Style #5
Brass Bezel
Gold Center
Roman Dial

Order any 3 and deduct 25¢ each.
Order any 12 and deduct 50¢ each.

Part #	Bezel Diameter	Min. Hole Diameter	Below Bezel	Dial Color	Numerals	Style	Battery Required	Battery Included	Price Each
Brass Bezels With Glass Lens									
No. 33943	25mm (1")	15/16"	3/16"	White	Arabic	1	Watch	Yes	\$7.50
No. 33944	25mm (1")	15/16"	3/16"	White	Roman	2	Watch	Yes	\$7.50
No. 33869	30mm (1-3/16")	1-1/32"	3/16"	White	Arabic	1	Watch	Yes	\$7.75
No. 33942	30mm (1-3/16")	1-1/32"	3/16"	White	Roman	2	Watch	Yes	\$7.75
No. 32904	37mm (1-7/16")	1-3/8"	7/32"	White	Arabic	1	Watch	Yes	\$8.00
No. 32905	37mm (1-7/16")	1-3/8"	7/32"	White	Roman	2	Watch	Yes	\$8.00
No. 33945	40mm (1-9/16")	1-1/2"	7/32"	White	Arabic	1	Watch	Yes	\$8.75
No. 33946	40mm (1-9/16")	1-1/2"	7/32"	White	Roman	2	Watch	Yes	\$8.75
No. 34243	45mm (1-49/64")	1-5/8"	5/32"	White	Arabic	1	Watch	Yes	\$9.00
No. 34244	45mm (1-49/64")	1-5/8"	5/32"	White	Roman	2	Watch	Yes	\$9.00
No. 19859	50mm (2")	1-13/16"	9/32"	White	Arabic	1	Watch	Yes	\$9.00
No. 19858	50mm (2")	1-13/16"	9/32"	White	Roman	2	Watch	Yes	\$9.00
No. 33947	55mm (2-5/32")	1-27/32"	1/4"	White	Arabic	1	Watch	Yes	\$9.50
No. 33948	55mm (2-5/32")	1-27/32"	1/4"	White	Roman	2	Watch	Yes	\$9.50
Gold Plastic Bezels With Plastic Lens									
No. 23698	60mm (2-3/8")	2-1/8"	5/8"	White	Arabic	1	Watch	No	\$10.00
No. 23699	60mm (2-3/8")	2-1/8"	5/8"	White	Roman	2	Watch	No	\$10.00
No. 23700	60mm (2-3/8")	2-1/8"	5/8"	Fancy	Arabic	4	"N"	No	\$11.50
No. 33980	65mm (2-9/16")	2-1/8"	9/16"	White	Arabic	1	"AAA"	No	\$6.75
No. 33981	65mm (2-9/16")	2-1/8"	9/16"	White	Roman	2	"AAA"	No	\$6.75
No. 33951	70mm (2-3/4")	2-1/4"	11/16"	White	Arabic	1	"AAA"	No	\$7.50
No. 33950	70mm (2-3/4")	2-1/4"	11/16"	White	Roman	2	"AAA"	No	\$7.00
No. 33949	70mm (2-3/4")	2-1/4"	11/16"	Fancy	Arabic	4	"AAA"	No	\$7.50
No. 34004	70mm (2-3/4")	2-1/4"	11/16"	Fancy	Roman	5	"AAA"	No	\$7.50



Quartz Fit-Up Movements



Style #1
Plain Bezel
Arabic Dial



Style #2
Plain Bezel
Roman Dial



Style #4
Brass Bezel
Gold Center
Arabic Dial



Style #5
Brass Bezel
Gold Center
Roman Dial

Order any 3 and
deduct 25¢ each.
Order any 12 and
deduct 50¢ each.

(A)

(B)

(C)

Part #	Bezel Diameter	Min. Hole Diameter	Depth Below Bezel	Dial Color	Numerals	Style	Type Of Battery Required	Battery Included	Price Each
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Gold Plastic Bezels With Plastic Lens

No. 33959	78mm (3-1/16")	2-15/16"	1-1/4"	White	Arabic Alarm	1	"AA"	No	\$8.75
No. 34015	78mm (3-1/16")	2-15/16"	1-1/4"	White	Roman Alarm	2	"AA"	No	\$8.75
No. 34173	78mm (3-1/16")	2-15/16"	1-1/4"	Ivory	Roman Alarm	5	"AA"	No	\$8.75
No. 33953	80mm (3-5/32")	3"	1/2"	White	Arabic	1	"AA"	No	\$8.00
No. 33952	80mm (3-5/32")	3"	1/2"	White	Roman	2	"AA"	No	\$8.00
No. 34359	80mm (3-5/32")	2-15/16"	3/4"	Fancy	Arabic	4	"AA"	No	\$8.00
No. 33958	80mm (3-5/32")	2-15/16"	3/4"	Fancy	Roman	5	"AA"	No	\$8.00
No. 34416	89mm (3-1/2")	3-5/16"	1"	White	Roman Alarm	5	"AA"	No	\$9.00
No. 30485	90mm (3-17/32")	3"	9/16"	White	Arabic	1	"AA"	No	\$9.00
No. 30486	90mm (3-17/32")	3"	9/16"	White	Roman	2	"AA"	No	\$9.00
No. 20468	90mm (3-17/32")	3"	9/16"	Fancy	Arabic	4	"AA"	No	\$9.00
No. 34054	90mm (3-17/32")	3"	9/16"	Fancy	Roman	5	"AA"	No	\$9.00
No. 20466	90mm (3-17/32")	3"	9/16"	Gold	Arabic	1	"AA"	No	\$9.00
No. 20467	90mm (3-17/32")	3"	9/16"	Gold	Roman	2	Roman	No	\$9.00
No. 34346	90mm (3-17/32")	3"	9/16"	Black	Roman	2	Roman	No	\$9.00
No. 33955	102mm (4")	3-11/16"	29/32"	White	Arabic	1	"AA"	No	\$9.50
No. 33956	102mm (4")	3-11/16"	29/32"	White	Roman	2	"AA"	No	\$9.50
No. 33957	110mm (4-5/16")	3-1/2"	11/16"	White	Arabic	1	"AA"	No	\$10.50
No. 34005	110mm (4-5/16")	3-1/2"	11/16"	Fancy	Roman	5	"AA"	No.	\$9.75

Quartz Movement & Tools

4" (103mm)
Skeleton Clock
Insert



Gold plastic bezel with plastic lens. Gold Roman dial ring with black numerals. 3/4" gold second bit. 4" (103mm) bezel diameter. 3-1/2" minimum hole diameter. 2" depth below bezel. Visible turning brass gears. Runs on an "AA" battery, not included. China.

No. 34239 \$23.50 each

Quartz Movement Mounting Nut
Wrenches



For 3/8" & 1/2" nuts. Not appropriate for standard & mini quartz movement mounting nuts.

No. 15770 \$2.50 each



For Hermle mounting nuts.

No. 20867 \$15.50 each

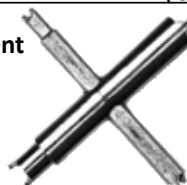
Quartz Movement Hex Nut Tightener



Wood handle. 6" long. Slotted for 5/16" (.312") & M8 (.315") across flats hex nuts used on most standard & mini quartz movements. India.

No. 34158 \$3.50 each

Quartz Movement
Nut Wrench



For mounting nuts with 1/4", 5/16", 3/8" and 1/2" spans.

No. 19909 \$9.00 each

Pendulums & Bobs

Adjustable
Brass Bobs



Brass face, lead back with wire and nut.

No.	Dia.	Weight	Price
No. 10227	1-1/2"	2.2 oz.	\$7.75
No. 10228	1-3/4"	2.4 oz.	\$8.00
No. 10229	2"	2.8 oz.	\$8.50
No. 10230	2-1/4"	4.6 oz.	\$9.25

Antique Style Bob

No. 29387 2-1/4" 4.6 oz \$10.50

Adjustable Cast Lead Bobs



No. 15850 No. 10236 No. 10237 No. 10238
Includes bob wire and nut.

No.	Dia.	Weight	Price
No. 15850	1-1/8"	2.2 oz.	\$5.75
No. 10236	1-1/4"	1.4 oz.	\$6.25
No. 10237	1-5/8"	2.4 oz.	\$7.50
No. 10238	1-3/4"	4.6 oz.	\$8.00

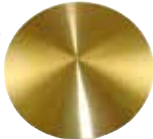
Pendulums & Bobs

Ansonia Bob



Brass covered lead bob. 3-5/16" diameter with a 5/8" rear slot. 9 oz.
No. 19568 **\$24.50 each**

Pendulum Bobs



For wood rods listed on **page #80**. For Hermle and other movements.

Polished Brass

3/4" Rear Slot
No. 20109 ... 3-1/8" Dia. 80mm **\$9.00**
No. 20110 4" Dia. 100mm **\$14.50**
No. 10267 4-1/2" Dia. 115mm **\$16.50**
No. 29405 ... 5-1/8" Dia. 130mm **\$19.00**

1" Rear Slot
No. 10272 5-1/2" Dia. 140mm **\$20.00**
No. 19984 6-1/2" Dia. 165mm **\$23.50**
No. 31033 7-1/8" Dia. 180mm **\$26.50**
No. 32114 8-5/8" Dia. 220mm **\$31.50**

Brushed Brass

3/4" Rear Slot
No. 29795 4-1/2" Dia 115mm **\$16.25**
1" Rear Slot
No. 29796 5-1/2" Dia 140mm **\$20.00**

Etched Brass

No. 29408 7-1/8" Dia. 180mm **\$29.00**

Brushed Brass - Economy Aluminum

3/4" Rear Slot
No. 33165 3-1/8" Dia. 80mm **\$3.50**
No. 33166 4" Dia 100mm **\$3.75**
No. 33167 4-1/2" Dia 115mm **\$4.00**
No. 33168 5-1/2" Dia 140mm **\$4.50**

Lux & Keebler Bob



7/8" diameter.
No. 10273 **\$2.25 each**

Mantel Clock Lead Pendulum Bobs



No. 10218 Ingraham 1-1/2" x 2.2 Oz
No. 10211 Ingraham 1-5/8" x 2.2 Oz
No. 10214 Ingraham 1-1/2" x 2.2 Oz
No. 10215 Gilbert 1-5/8" x 2.8 Oz



No. 10210 Sessions 1-1/2" x 3.0 Oz
No. 10212 Sessions 1-5/16" x 1.6 Oz
No. 23581 Sessions 1-3/8" Dia. 3.0 oz



No. 29181 Sessions 2" Dia. 2.9 oz.
No. 23582 Sessions 1-5/8" 2.3 oz.
No. 32123 S. Thomas 1-1/2" Dia 2.5 oz.



No. 23583 Universal 1-1/2" Dia 2.6 oz.
No. 10216 Universal 1-1/2" Dia. 1.8oz
No. 10217 Waterbury 1-5/8" 2.2 oz.
\$5.50 each



No. 10219 S. Thomas 1-5/8" x 3.6 Oz
No. 10290 S. Thomas 1-13/16" x 4.0 Oz
No. 10213 Universal 1-3/4" Dia. 5.2 oz
\$5.75 each

Reproduction Pendulum Bobs



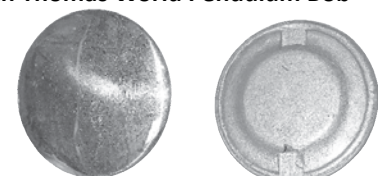
13 Oz. 15 Oz.
 4-1/2" diameter. 5/8" rear slot.
No. 10295 . Gilbert Fancy Antique Finish
No. 10296 Sessions Brass Covered
\$28.50 each

#2 Regulator Bob - Brass



For time, weight and battery clocks. 4-1/2" diameter, 2 lbs. 8 oz. with a 3/4" rear slot. Brass cover with an alloy weighted back. Use **No. 12287** wood pendulum rod.
No. 10235 **\$42.00 each**

Seth Thomas World Pendulum Bob



Brass face. Lead back. 3-5/8" diameter. 1/2" rear slot. 1 lb. 4 oz.
No. 23145 **\$24.50 each**

Store Regulator Bob - Brass



4-1/2" diameter. 5/8" rear slot. 6.2 oz.
No. 10239 **\$21.00 each**

Tall Case Bob



Cast Iron 3/8" Slot.
No. 15690 4-1/2" Dia. 2-1/2 lb. **\$23.50**

Waterbury Adjustable Lead Bob



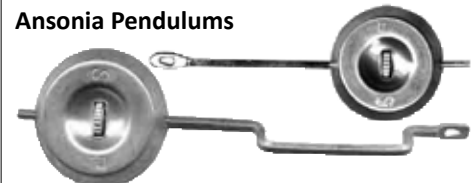
Antique finish. 1-3/8" diameter, 2.4 oz.
No. 10291 **\$8.00 each**

Woodworks Bob



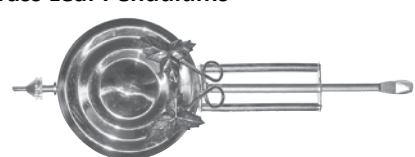
Cast lead bob. 3-1/16" diameter. With bob wire and adjusting nut. 15 oz.
No. 11202 **\$24.50 each**

Ansonia Pendulums



1-5/8" diameter bob. Brass covered.
No. 19369 3-1/2" **\$17.50 each**
No. 19370 5-1/8" **\$17.50 each**
No. 19371 8-1/2" **\$17.50 each**
No. 19372 .. Offset for statue clocks 5-1/4" **\$18.50 each**

Brass Leaf Pendulums



No. 22920 .. Hole End 2-1/2" D x 6-3/4" L
\$12.00 each

Cuckoo Fancy Oak Leaf Pendulums



2-1/2" wide, 4" tall leaf size. 7" wood rod.
No. 16927 Brown **\$11.00 each**
No. 19463 Unfinished **\$10.50 each**

Cuckoo Pendulum - Chalet



1-1/2" wide, 2" tall, with a 7" wood rod.
No. 10298 Brown **\$10.50 each**
No. 19462 Unfinished **\$10.00 each**

2" wide, 3-1/2" tall, with 10" wood rod.
No. 20498 Brown **\$11.00 each**

Pendulums & Bobs

Cuckoo Maple Leaf Pendulums



Hand carved wood. Maple leaf style. 7" rods.
2" Wide x 2-1/4" Tall Leaf Size

No. 10243 Small Brown
No. 10261 Small Blonde & Brown
No. 10264 Small Green & Brown
No. 19464 Unfinished
\$10.00 each \$29.25/ 3 (\$9.75)

2-1/2" Wide x 3" Tall Leaf Size

No. 10244 Medium Brown
No. 10262 Medium Blonde & Brown
No. 10265 Medium Green & Brown
No. 19465 Unfinished
\$10.50 each \$30.75/ 3 (\$10.25)

3" Wide x 3-3/4" Tall Leaf Size

No. 10245 Large Brown
No. 10263 Large Blonde & Brown
No. 10266 Large Green & Brown
No. 19466 Unfinished
\$11.00 each \$32.25/ 3 (\$10.75)

Cuckoo Oak Leaf Pendulums



1-1/2" wide, 3" tall leaf size. 7" wood rod.
No. 16925 Brown **\$10.00**
No. 16926 Green & Brown **\$10.00**
No. 19467 Unfinished **\$10.00**
2" wide, 3-7/8" tall leaf size. 8-1/2" rod.
No. 29202 Brown **\$11.00**
No. 29203 Green & Brown **\$11.00**
No. 29204 Unfinished **\$11.00**

Universal French Pendulum - Brass



1-3/8" diameter bob x 9-1/4" rod. With French style hook. Adjust rod to desired length and solder hook in place.

No. 32552 **\$11.50 each**

Sunburst French Pendulum Bob - Closeout



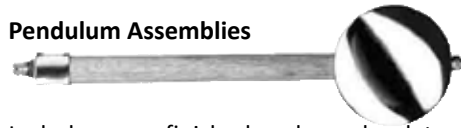
1-7/8" diameter cast bob with antiqued gold finish. Rod not included. Was \$9.00.
No. 00855 **\$3.00 each**

Grivolos Adjustable 400-Day Anniversary Disc Pendulum



Polished solid brass. Fully adjustable internal timing weights. For Claude Grivolos French 400-day clocks. 2-1/2" tall x 3-1/4" diameter. 12.2 ounces. Was \$125.00.
No. 23695 **\$77.50 each**

Pendulum Assemblies



Includes an unfinished oval wood rod, top hook, rating assembly and brass covered bob. Length shown is measured from top hook to tip of rating assembly. Up to 48" wood rods are available.

Part #	Rod Length	Bob Dia.	Price
3/4" Oval Wood Rod			
No. 22773	7"	3-1/8"	\$14.50
No. 22774	7-1/2"	3-1/8"	\$14.75
No. 22775	8"	3-1/8"	\$15.00
No. 22776	8-3/4"	3-1/8"	\$15.25
No. 22777	9-1/2"	3-1/8"	\$15.50
No. 22778	10"	3-1/8"	\$15.75
No. 22779	10-1/2"	3-1/8"	\$16.00
No. 20148	11-1/2"	3-1/8"	\$16.25
No. 20149	12"	3-1/8"	\$16.50
No. 22780	14"	3-1/8"	\$17.50
No. 20150	17-1/4"	3-1/8"	\$18.00
No. 22781	24-1/2"	3-1/8"	\$20.00
No. 22782	27-1/2"	3-1/8"	\$20.50
No. 22783	7-1/2"	4"	\$18.50
No. 22784	8"	4"	\$18.75
No. 22785	8-3/4"	4"	\$19.00
No. 22786	9-1/2"	4"	\$19.25
No. 22787	10"	4"	\$19.50
No. 22788	11-1/2"	4"	\$19.75
No. 22789	12"	4"	\$20.00
No. 22790	12-3/4"	4"	\$20.25
No. 22791	15-1/4"	4"	\$21.00
No. 20151	17-1/4"	4"	\$21.50
No. 20152	21-3/8"	4"	\$23.00
No. 22792	24"	4"	\$23.50
No. 20153	24-1/2"	4"	\$24.25
No. 22793	27-1/2"	4"	\$24.50
No. 22794	32"	4"	\$25.00
No. 22795	7-1/2"	4-1/2"	\$19.50
No. 22796	8"	4-1/2"	\$19.75
No. 22797	8-3/4"	4-1/2"	\$20.00
No. 22798	9-1/2"	4-1/2"	\$20.25
No. 22799	10"	4-1/2"	\$20.50
No. 20154	11-1/2"	4-1/2"	\$20.75
No. 20155	12-3/4"	4-1/2"	\$21.00
No. 22800	14"	4-1/2"	\$21.50
No. 22801	16"	4-1/2"	\$21.75
No. 20156	17-1/4"	4-1/2"	\$22.00
No. 20157	21-3/8"	4-1/2"	\$23.00
No. 22802	22-3/4"	4-1/2"	\$23.25
No. 20216	24"	4-1/2"	\$23.50
No. 20217	27-1/2"	4-1/2"	\$24.50
No. 22803	30-3/4"	4-1/2"	\$25.50
No. 20218	32"	4-1/2"	\$26.00
No. 20219	32-3/4"	4-1/2"	\$26.25
No. 22804	34"	4-1/2"	\$26.50
No. 22805	38-1/2"	4-1/2"	\$31.00
No. 20220	39-1/2"	4-1/2"	\$31.50
No. 22806	40-1/2"	4-1/2"	\$32.00
1" Oval Wood Rod			
No. 20221	14"	5-1/2"	\$25.50
No. 20222	21-3/8"	5-1/2"	\$26.50
No. 20223	27-1/2"	5-1/2"	\$27.00
No. 20224	33"	5-1/2"	\$28.50
No. 22767	33-1/2"	5-1/2"	\$29.00
No. 20225	40-1/2"	5-1/2"	\$36.00
No. 22768	42"	5-1/2"	\$36.50
No. 22769	28-1/4"	6-1/2"	\$30.50
No. 22770	33"	6-1/2"	\$32.00
No. 22771	37-1/2"	6-1/2"	\$36.00
No. 22772	41"	6-1/2"	\$37.00

French Pendulums

No. 10222
No. 10221
No. 10220



No. 10223
No. 10224



No. 12260

1-1/4" Dia. 2 oz. bob. 9" rod.
No. 10222 **\$15.50 each**

1-3/8" Dia. 2-1/2 oz. bob. 11-1/2" rod.
No. 10221 **\$17.25 each**

1-1/2" Dia. 3 oz. bob. 11-1/2" rod.
No. 10220 **\$18.50 each**

2-1/8" Dia. 3 Oz. Antique Finish Sunburst
No. 10223 11-1/2" rod **\$13.75 each**

3" Dia. 4 Oz. Antique Finish Sunburst
No. 10224 11-1/2" rod **\$15.50 each**

Brass #3-48 Top Hook

Solder on pendulum rod.

No. 12260(For Above)..... **\$2.25 each**

French Pendulum Hooks - Brass



No. 12260

No. 23493

No. 19797

Mini hook. 2.0mm unthreaded internal hole.
No. 19797 **\$2.50 each**

Medium size hook. #3-48 thread.
No. 12260 **\$2.50 each**

Large size hook. #4-40 thread.
No. 23493 **\$3.50 each**

6 Piece Pendulum Hook Assortment
2 pieces each of 3 different hooks above.
No. 32401 **\$15.00 pack**

Hermle R & A Pendulum



12-3/4" adjustable rod with a hook end a 3-1/8" bob with a white R&A insert. Germany.
No. 19933 **\$39.50 each**

Rotating Ball Pendulum For Rotary Movement



Movement Not Included

Gold plastic pendulums. mount on movement base center pin. Use on movement No. 14528 or on your movement. Asia. Measures 2-1/4" tall x 1-1/2" diameter
No. 33882 **\$2.25 each \$6.00 / 3 (\$2.00)**

Ignatz Ball & Cord

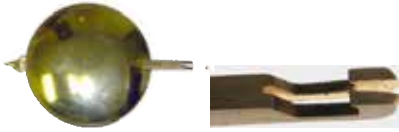


Clock Not Included

No. 11718 **\$4.00 each**

Pendulums & Bobs

Universal Pendulum Assemblies



Brass split hook end rods with brass bobs and nuts. For Hermle and other movements.

	Bob Diameter	Rod Length	
No. 19810	1-1/2"	2-1/8"	\$22.00
No. 10254	1-11/16"	2-3/4"	\$23.00
No. 34135	1-11/16"	3-1/16"	\$24.00
No. 20118	1-11/16"	3-1/2"	\$26.00
No. 20119	1-11/16"	4-1/2"	\$28.00
No. 33384	2-3/16"	6-1/4"	\$30.00

Universal Pendulum Assemblies



Finish indicated. Single hook end rod with nut.

	Bob Diameter	Rod Length	
No. 12339	Brass 1-1/2"	x 2-1/2"	\$22.00
No. 13117	Nickel 1-1/2"	x 2-1/2"	\$22.00
No. 33075	Brass 1-11/16"	x 2-7/8"	\$23.00
No. 19812	Brass 1-11/16"	x 3-1/16"	\$24.00
No. 02275	Brass 1-11/16"	x 3-1/4"	\$26.00

Kitchen Clock Pendulums - Cast Lead



View of the pendulum with the included rod.



No. 10201 No. 10202 No. 10203

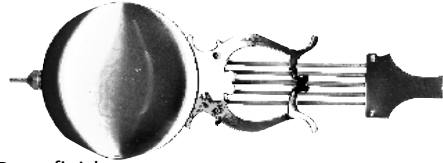


No. 10204 No. 10205 No. 10206



No. 10207 No. 10208 No. 10209
Antiqued gold with 6-1/4" rod and brass nut.
\$11.50 each \$33.75/ 3 (\$11.25)

Lyre Pendulums



Brass finish.

	Length	Bob Dia.	
No. 22709	10-1/2"	3-1/8"	\$19.50

Pendulum Pouch



12" x 15" bubble protects bobs and shorter pendulum rods from damage when moving.

No. 23776 \$1.00 each

Lyre Pendulums



For Hermle and other movements. Polished brass finish. #31002, #31003 and #31007 have straight rods. All others have twisted decorative rods. **Shipped in reinforced box for safe delivery. Request shipping charges. These require oversized cartons.**

For 94cm Movements

	Bob Dia. mm	Bob Dia. Inches	Rod Length	Shipping Weight	
No. 31007	140	5-1/2"	33"	5 Lbs.	\$58.00
No. 31002	165	6-1/2"	34"	4 Lbs.	\$70.00
No. 31004	220	8-5/8"	36"	5 Lbs.	\$91.00
No. 31005	270	10-5/8"	35-5/8"	6 Lbs.	\$112.00

For 114cm Movements

	Bob Dia. mm	Bob Dia. Inches	Rod Length	Shipping Weight	
No. 31003	165	6-1/2"	41"	4 Lbs.	\$70.00
No. 31001	220	8-5/8"	43"	5 Lbs.	\$91.00
No. 31006	270	10-5/8"	43"	7 Lbs.	\$112.00

Lyre Pendulum Components

Brass finished aluminum. Fits many lyre pendulums. Typical photos are shown. Please check our website for the exact photo based on the part number.

Lyre Cross Bridge



No. 33987	35mm wide x 9mm tall	\$1.50
No. 33988	52mm wide x 12mm tall	\$1.50
No. 33989	65mm wide x 15mm tall	\$1.50
No. 33990	100mm wide x 32mm tall	\$1.50

Lyre Neck



No. 33998	43mm wide x 67mm tall	\$3.00
No. 33999	44mm wide x 56mm tall	\$3.00
No. 34000	45mm wide x 51mm tall	\$3.00
No. 34001	45mm wide x 148mm tall	\$3.25
No. 33985	63mm wide x 224mm tall	\$3.50
No. 34002	63mm wide x 232mm tall	\$3.50
No. 33986	100mm wide x 225mm tall	\$3.75
No. 34003	100mm wide x 243mm tall	\$4.00

Scrolled Lyre Plate



No. 33991	51mm wide x 67mm tall	\$3.00
No. 33992	66mm wide x 76mm tall	\$3.00
No. 33993	86mm wide x 101mm tall	\$3.25
No. 33994	100mm wide x 105mm tall	\$3.50
No. 33995	116mm wide x 137mm tall	\$4.00
No. 33996	155mm wide x 185mm tall	\$4.50

Single Barrel Pendulum



Brass with a steel rod. 6-3/8" long.

No. 10287 \$19.50 each

Double Barrel Pendulum



Brass with steel rod. 7-1/2" long x 2-1/4" wide.

No. 10292 \$27.50 each

Simulated Mercury Pendulums



Polished brass. For crystal regulators. 4-7/8" long x 1-5/8" wide x 2-3/4" tall frame.

No. 30496 \$46.50 each

Additional Components

No. 32109	8 x 46mm Glass Tube	\$4.00 each
No. 32110	5 x 25mm Metal Insert	\$4.50 each



6-3/4" long x 2-1/4" wide x 2-1/2" tall frame.

No. 10247 \$56.00 each

Additional Components

No. 32131	8 x 56.5mm Glass Tube	\$4.00 each
No. 32132	5 x 30mm Metal Insert	\$4.50 each

Mercury Pendulum Glass Tubes



	OD	Length
No. 20245	8.0mm	42.0mm
No. 32109	8.0mm	46.0mm
No. 32131	8.0mm	56.5mm
No. 19981	10.0mm	50.0mm

\$4.00 each

Pendulums & Bobs

Mercury Pendulum Simulated Inserts



Metal. Fits above glass tubes.

	OD	Length	
No. 32110	5.0mm	25.0mm	\$4.50 each
No. 32132	5.0mm	30.0mm	\$4.50 each
No. 20286	6.0mm	28.6mm	\$4.50 each
No. 19982	6.0mm	40.0mm	\$4.50 each

New Haven Adjustable Mantel Pendulums - Cast



No. 23760



No. 23584

1-1/2" diameter. 2" brass rod. 2.6 ozs.
No. 23760 **\$7.00 each**
 1-1/2" diameter. 2-1/2" Steel rod. 2.5 ozs.
No. 23584 **\$7.00 each**

Novelty Mini Pendulum



5/8" diameter brass finish bob. 2-5/8" long.
No. 10289 **\$2.00 each**

Novelty Pendulum



1" brass finish bob x 3" hook end rod.
No. 32585 **\$3.50 each**

Novelty Pendulum



3/4" brown wood bob x 7-3/4" wire rod.
No. 20229 **\$2.50 each**

R & A Pendulums



Brass finish. White insert. Hook end. India.

	Length	Bob Dia.	
No. 20316	6-7/8"	3"	\$13.50
No. 20317	11-7/8"	3"	\$16.25
No. 22713	9-1/2"	3-1/2"	\$19.25
No. 22714	10-1/2"	3-1/2"	\$19.75

Seth Thomas #2 Pendulum



Complete assembly includes 24-3/4" wood rod with top hook, rating assembly, wear plate and 4-1/2" brass covered bob.
No. 20002 **\$63.50 set**

Seth Thomas Cylindrical Pendulum



Brass 5/8" diameter bob. Steel rod 6-1/4" long with brass top hook. Can be shortened.
No. 29768 **\$12.50 each**

Seth Thomas Pendulums



No. 19600

No. 19601

No. 34179

Includes hooked rod and nut.

3-7/8" Long Rod

No. 19600 2-7/16" Dia. **\$20.25 each**

No. 19601 2-1/2" Dia. **\$20.50 each**

6-1/2" Long Rod

No. 34179 2-5/8" W x 3-3/8" T **\$21.00 each**

Silk Thread Pendulum



11-3/8" long x 1-1/4" dia. Can be shortened.
No. 10241 **\$10.50 each**

Store Regulator Pendulum



Brass finished bob, wood rod with top hook, and rating assembly.

	Length	Diameter	
No. 22715	7"	3-1/8"	\$9.50
No. 22716	9-1/2"	3-1/8"	\$11.50
No. 29407	12-1/2"	3-1/8"	\$14.50

Tall Case Pendulum - English & American



33" threaded steel rod, brass rating assembly, suspension spring, and 4-1/2" diameter cast iron bob. 2-1/2 lbs. Ships in 2 cartons.
No. 10253 **\$44.00 set**

Universal Pendulum - Brass



1-3/8" diameter by 6-5/8" long. 2-1/2 oz.
No. 10226 **\$15.25 each**

Zaandam Clock Pendulum



Cast bob with gold finish. 1-1/2" W x 8-1/2" L with top hook.
No. 18268 **\$13.50 each**

Quartz Bob & Rod Assemblies

Battery Movement Pendulum Assemblies - Hook End



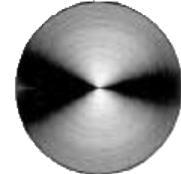
Brass 16" breakaway 5/16" rod. Polished brass finish bob. For quartz movements.
No. 18884 With 2" Dia. Bob **\$6.00**
No. 18885 With 2-3/4" Dia. Bob **\$6.50**
No. 18886 With 3-1/2" Dia. Bob **\$7.00**

Battery Movement Pendulum Assemblies - Forked End



Brass breakaway 5/16" rod. Polished brass finish bob. For quartz movements.
No. 19011 ... 16" Rod 2-3/4" Bob **\$6.00**
No. 19010 ... 22" Rod 3-1/2" Bob **\$12.00**

Battery Movement Bobs - Fits 5/16" Wide Rods



Brass finish.
No. 29536 2" Diameter **\$2.75 each**
No. 29537 .. 2-3/4" Diameter **\$3.00 each**
No. 29538 .. 3-1/2" Diameter **\$3.75 each**

3-3/8" (85mm) Silver Bob

Silver finish on aluminum. 5/16" rear slot for pendulum rod. **Was \$3.75. While supplies last.**
No. 02770 **\$2.00 each**

Brushed Brass Bob - 88mm

3-1/2" diameter. Aluminum. With 5/16" wide rear slot for pendulum rod. For quartz movements. **Was \$3.75. While supplies last.**
No. 02768 **\$2.00 each**

Battery Movement 5/16" Rods Only



Scored in 1" increments to reduce length.
No. 23360 .. Forked End 16" Long **\$4.50**
No. 19009 .. Forked End 22" Long **\$9.50**
No. 29541 Hooked End 16" Long **\$4.50**
No. 29540 Hooked End 22" Long **\$9.50**

Quartz Bob & Rod Assemblies

Pendulum Rod Cover - Wood

5/16" Slot Width



Unfinished. Slides over battery pendulum rods. Bob and rod not included.

No. 19640 12" long **\$4.00 each**

Decorative Quartz Pendulums



No. 34174 2-3/8" D x 6-7/8" L **\$8.00 each**

No. 32607 2-1/2" D x 6-5/8" L **\$8.00 each**



2-3/8" x 7-1/4" antiqued brass finished non-adjustable hook end rod. China.

No. 34271 **\$3.75 each**



2-3/8" diameter x 10-3/8" long antique brass finish aluminum with hook end. Ridged bob.

No. 32609 **\$4.00 each**



2-7/8" diameter x 7-5/8" long brass finish aluminum with hook end. Etched bob.

No. 32608 **\$3.50 each**



3-3/4" diameter x 6-3/4" long dull brass finish aluminum with hook end. Etched bob.

No. 32610 **\$4.50 each**



4-1/4" diameter embossed bob x 6-1/4" long antique brass finish aluminum with hook end.

No. 32611 **\$4.50 each**

Plain Quartz Pendulums



1" diameter bob x 4-3/8" long. Brass finish aluminum with hook end. Non-adjustable.

No. 32614 **\$3.00 each**



1-9/16" diameter bob x 4-1/8" long. Brass finish aluminum with hook end. Non-adjustable.

No. 32615 **\$3.00 each**



2-3/8" bob x 8-1/2" long. Brass finish aluminum with hook end silver rod. Non-adjustable.

No. 32617 **\$4.00 each**



2-3/8" diameter bob x 10-1/4" long. Brass finish aluminum with hook end. Adjustable.

No. 32618 **\$4.25 each**



2-3/4" diameter brushed brass bob x 8-1/4" rod. Single hook end with adjustable rating nut. Was \$4.00. Can use on mechanical movements.

No. 00683 **\$2.00 each**



2-3/4" bob x 8-5/8" long. Brass finish aluminum with hook end silver rod. Non-adjustable.

No. 32619 **\$4.50 each**



Heavy brushed chrome 2-3/4" diameter bob x 9-1/2" chromed rod. Split hook end with adjustable rating nut. Was \$10.00. Can use on mechanical movements.

No. 33654 **\$5.00 each**



2-7/8" diameter bob x 8" long. Brass finish aluminum with hook end. Adjustable.

No. 32620 **\$4.50 each**



3-3/4" bob x 7-5/8" long. Antique brass finish with hook end. Non-adjustable.

No. 32622 **\$4.50 each**

R & A Pendulums For Quartz Movements



2-1/4" x 8" hook end brass finish aluminum. Non-adjustable.

No. 32624 **\$5.00 each**



2-3/8" x 9-1/8" hook end gold finish aluminum. Non-adjustable.

No. 32626 **\$5.00 each**



2-7/8" x 7-7/8" hook end brass finish aluminum. Adjustable.

No. 32628 **\$5.50 each**



3-1/2" x 9-1/2" hole end brass finish aluminum. Adjustable.

No. 33790 **\$6.00 each**



2-1/4" ridged bob x 8-1/2" brass finish aluminum. Hook end. Adjustable.

No. 32632 **\$5.00 each**



2-3/4" x 10-7/8" antiqued ridged brass finish aluminum. Hook end. Non-adjustable.

No. 32634 **\$5.00 each**



2-7/8" x 11-7/8" antique brass finish aluminum. Hook end. Adjustable.

No. 32635 **\$5.00 each**



3-1/2" x 12" brass finish aluminum. Hole and hook end. Adjustable.

No. 32637 **\$5.00 each**



2-7/8" x 10-1/4" brass finish aluminum. Hook end. Adjustable.

No. 32640 **\$5.50 each**



3-1/8" x 10-3/8" brass finish aluminum. Hook end. Adjustable.

No. 32641 **\$6.00 each**



3-1/2" x 10-1/4" brass finish aluminum with etched bob. Hook end. Non-adjustable.

No. 32643 **\$6.00 each**

Quartz Bob & Rod Assemblies



2-1/2" x 15-1/2" brass finish ridged aluminum. Hook end. Adjustable.
No. 32647 \$13.00 each



3-7/8" x 16-1/4" brass finish ridged aluminum. Hook end. Adjustable.
No. 32648 \$13.00 each



3-7/8" x 19-5/8" brass finish aluminum with etched bob. Hook end. Non-adjustable.
No. 32649 \$13.50 each



4-1/2" x 14-3/4" brass finish aluminum. Hook end. Adjustable.
No. 32646 \$14.00 each



5-7/8" x 35" brass finish aluminum. Hook end. Adjustable.
No. 32992 \$20.50 each



6" x 31-3/8" brass finish aluminum with etched bob. Hook end. Adjustable.
No. 32650 \$21.50 each



7-1/8" x 31" brass finish etched aluminum. Hook end. Adjustable.
No. 32993 \$23.50 each



8-5/8" x 44-1/2" brass finish aluminum. Hook end. Adjustable.
No. 32996 \$42.50 each

Pendulum Components

Pendulum Bob Wires



Formed wire. Brass rating nut.
No. 20414 2" Long \$2.00 each
No. 12257 2-5/8" Long \$2.00 each
No. 12258 3-1/4" Long \$2.00 each
No. 12259 4-1/4" Long \$2.00 each

Bob Wire Assortment

One each of 4 above sizes.
No. 30477 \$7.50 pack

Pendulum Crutch



5" long nicked steel. Used on grandfather clocks. Can bend to fit.
No. 02758 \$6.50 each

Tall Case Pendulum Crutch - Tall Case



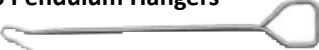
5-5/8" long. Steel. Brass washer. Bend to fit.
No. 10537 \$7.50 each

Tall Case Pendulum Crutch - Steel



Formed crutch for tall case movements.
No. 29722 \$8.00 each

Cuckoo Pendulum Hangers - Wire

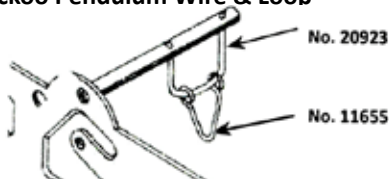


No. 12293 . 80mm 3-1/8" Long \$1.00
No. 12294 . 90mm 3-1/2" Long \$1.00
No. 12295 100mm 4" Long \$1.00
No. 12296 110mm 4-5/16" Long \$1.00
No. 12297 120mm 4-3/4" Long \$1.00

Cuckoo Pendulum Hanger Assortment

Includes 5 lengths, one each from above.
No. 13198 \$4.00 pack

Cuckoo Pendulum Wire & Loop



For Regula 25 & 34 but can be used on others.
No. 20923 U-Loop 50¢ each
No. 11655 V-Wire 50¢ each

Pendulum Hook - Brass



For 1/2" and 5/8" pendulum rods.
No. 23779 \$1.25 each

Pendulum Hook - Brass



For 5/8" wide rods.
No. 12376 \$2.00 each

Ansonia Pendulum Hook & Bracket - Brass



5/8" wide.
No. 18401 \$3.00 set

Pendulum Hooks - Brass



No. 32819 \$1.25 each



No. 32820 \$1.25 each

Brass finished aluminum. For 1/2" and 5/8" pendulum rods.

No. 32819 Single Hook \$1.25 each
No. 32820 Double Hook \$1.25 each

Pendulum Hook - Brass



Bend tabs over to fit. 5/8" wide.
No. 12279 \$1.75 each

Pendulum Hook - Brass



Pre-bent. 5/8" wide.
No. 23589 \$1.25 each

Pendulum Hooks



No. 12371



No. 12372



No. 23631

No. 12371 For 3/4" Wood Rod Brass \$2.25
No. 12372 For 3/4" Wood Rod Brass \$2.25
No. 23631 ... For 1" Wood Rod Steel \$2.25

Jauch Pendulum Hook - Steel



Stamped and blackened. With 2 mounting screws. 2-1/2" long x 7/8" wide.
No. 23981 \$2.50 each

Cuckoo Pendulum Hook & Slider - Steel



No. 12298



No. 12299

For 3/8" wide cuckoo pendulum rods.
No. 12298 Hook
No. 12299 Slider
 75¢ each \$6.00/ 12 (50¢)

Hook & Slider Assortment

12 piece assortment. 6 each of above.
No. 10293 \$5.00 pack

Hermle Style Pendulum Hooks - Brass



No. 11678



No. 11677

Fits Hermle and other movements.
No. 11678 3/4" Wide \$2.25 each
No. 11677 1" Wide \$2.25 each

6-Piece Pendulum Hook Assortment

Includes 2-No.11677 and 4-No.11678.
No. 32399 \$13.00 pack

French Pendulum Hooks - Brass



No. 12260



No. 23493



No. 19797

Mini hook. 2.0mm unthreaded internal hole.
No. 19797 \$2.50 each

Medium size hook. #3-48 thread.
No. 12260 \$2.50 each

Large size hook. #4-40 thread.
No. 23493 \$3.50 each

6-Piece Pendulum Hook Assortment

2 pieces each of 3 different hooks above.
No. 32401 \$15.00 pack

Hermle 400 Day Pendulum Top Hooks



No. 02021



No. 02022



No. 02023

For Hermle 400-Day pendulum assemblies Quartz, Mini, Standard). Screw diameter x overall length shown. Was \$2.00-\$3.00. While supplies last.

No. 02021 M3 x 16.25mm \$1.00 each

No. 02022 M3 x 34.00mm \$1.25 each

No. 02023 M3 x 39.25mm \$1.50 each

Pendulum Components

Kieninger Style Pendulum Hooks - Brass



No. 18737



No. 18738

No. 18737 .. 3/4" W x 15/16" Long **\$2.25**
 No. 18738 1-1/2" Long **\$4.50**

Koma Jr. Pendulum Hook & Rod - Closeout - Brass



2-5/8" hook and threaded rod. Was \$5.00.
 No. 00259 **\$2.50 each**

Kundo Pendulum Hooks - Closeout



No. 01883



No. 01884

Brass. 11mm OD. with 3mm internal thread. Slotted and cross-drilled. Was \$12.00.
 No. 01883 17.5mm Kundo Junior **\$6.00**
 No. 01884 22.0mm Kundo Standard **\$6.00**

Kundo 400-Day Pendulum Center Post - Closeout



Kundo Standard. 77.25mm long. Was \$32.00.
 No. 01887 **\$16.00 each**

Kundo Pendulum Regulating Nut - Closeout



For Kundo Junior. Brass. 25mm base diameter x 15mm overall length. 6mm shaft diameter with 4.2mm inside diameter. Was \$8.00.
 No. 01880 **\$4.00 each**

Quartz Pendulum Top Hooks - Brass



Hook and hole end. Tubular end fits a 3/32" (.093") diameter pendulum rod.
 No. 33860 **\$1.00 each**



Fits a 3/16" (.187") diameter rod. Bend over top to create hook.
 No. 33861 **\$1.00 each**



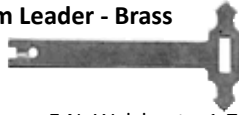
Hook end brass hook with a tubular end fits a 3/32" (.093") diameter quartz pendulum rod.
 No. 33862 **\$1.00 each**

#2 Regulator Pendulum Hook - Brass



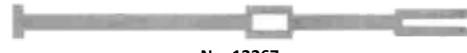
For 3/4" rods.
 No. 32031 **\$5.00 each**

Pendulum Leader - Brass

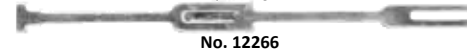


For S. Thomas, E.N. Welch, etc. 1-7/8" long.
 No. 11662 **\$2.00 each**

Pendulum Leaders - Brass



No. 12267



No. 12266

For German, English and American clocks.
 No. 12267 4-1/4" Long Brass **\$3.50 each**
 No. 12266 4-1/2" Long Brass **\$3.50 each**

Grandfather Pendulum Leader - Brass



7-1/8" long.
 No. 12264 **\$6.00 each**

German Pendulum Leaders



For Hermle and other movements.
 No. 15891 . Nickel Plated 2-1/8" **\$7.00**
 No. 15893 .. Brass Plated 4" **\$7.00**
 No. 15895 . Nickel Plated 5-1/2" **\$8.00**
 No. 15896 . Nickel Plated 6-7/8" **\$8.00**



No. 33286 4-1/2" Long **\$8.50 each**



No. 33192 5-1/4" Long **\$9.00 each**



No. 15894



No. 15898

No. 15894 Brass Plated 4-3/8" **\$7.50**
 No. 15898 Brass Plated 5-1/2" **\$8.50**

Pendulum Leader

Brass plated. Used on German clocks. Special buy. Was \$11.00. While supplies last.
 No. 33250 5-1/2" Long **\$5.00 each**

Split Hook End Pendulum Top Hook 7-15/16" Pendulum Leader - Blackened

Used on some grandfather clocks.
 No. 34144 **\$6.00 each**

Kieninger Style Pendulum Leaders - Brass



4-1/2". For wall, mantel and PS movements.
 No. 33864 **\$22.00 each**



7" long.
 No. 18734 **\$10.00 each**

Urgos Pendulum Leaders - Brass



For Urgos and other movements.
 No. 19927 4-1/4" **\$6.00 each**



No. 19930 6-7/8" **\$7.00 each**

Grandfather Pendulum Rod - Steel

Rod threaded #6-32 on both ends. 33" long.
 No. 12289 **\$6.50 each**

Oval Pendulum Rods - Steel



With brass nut.
 No. 12261 4-7/8" Long **\$5.00 each**
 No. 12262 6-1/4" Long **\$5.00 each**
 No. 12263 7-1/2" Long **\$5.00 each**

Square Old Style Pendulum Rods



Steel with brass nut.
 No. 24700 3" Long **\$5.00 each**
 No. 12364 4-7/8" Long **\$5.00 each**
 No. 12365 6-3/8" Long **\$5.00 each**

Cuckoo Pendulum Rods - Wood



Stained brown rods.
 No. 29226 .3/8" W x 6-5/8" L **\$1.50 each**
 No. 18261 .3/8" W x 7-1/2" L **\$1.50 each**
 No. 01754 .3/8" W x 7-3/4" L **\$1.50 each**
 No. 29227 .3/8" W x 8-1/4" L **\$1.50 each**
 No. 17887 .3/8" W x 9-1/2" L **\$1.50 each**
 No. 29228 .3/8" W x 13-1/2" L **\$2.00 each**
 No. 32785 .3/8" W x 15-3/4" L **\$2.00 each**

Unfinished Rods.
 No. 32780 .3/8" W 6-3/4" L **\$1.35 each**
 No. 32781 .3/8" W 7-1/2" L **\$1.35 each**
 No. 32782 .3/8" W 8-1/4" L **\$1.35 each**
 No. 32783 .3/8" W 13-1/2" L **\$1.35 each**
 No. 32784 .3/8" W 15-3/4" L **\$1.35 each**

Pendulum Rods - Unfinished Wood



No. 12286 Shop Regulator



No. 12287 Banjo



No. 12227 #2 Regulator and Grandmother

No. 12228 Grandfather

No. 12240 Grandfather

No. 12241 Grandfather

	Rod Length	Rod Width	
No. 12286	18"	5/8"	\$5.75 each
No. 12287	18"	7/16"	\$5.75 each
No. 12227	36"	3/4"	\$9.50 each
No. 12228	36"	1"	\$10.00 each
No. 12240	48"	3/4"	\$15.00 each
No. 12241	48"	1"	\$15.00 each

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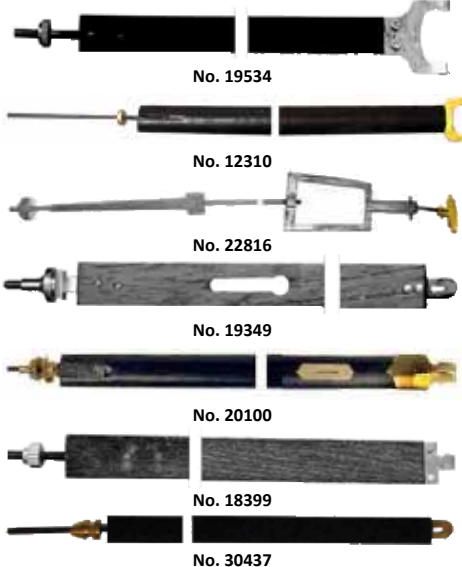
Pendulum Components

Oval Wood Rods

Unfinished oval wood rod, top hook and rating assembly with brass nut. Measured from top of top hook to tip of rating assembly. For Hermle and other movements. Up to 48" wood rods are available.

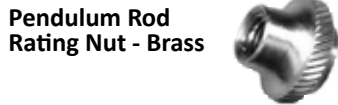
Part #		Price
3/4" Oval Wood Rod		
No. 22743	7-1/2"	\$6.50
No. 22744	8"	\$6.50
No. 22745	8-3/4"	\$6.50
No. 22746	9-1/2"	\$6.50
No. 22747	10"	\$6.75
No. 20107	10-1/2"	\$6.75
No. 22748	11-1/2"	\$6.75
No. 22749	12"	\$6.75
No. 20108	12-3/4"	\$7.25
No. 22750	14"	\$8.00
No. 22751	15-1/4"	\$8.50
No. 22752	16"	\$8.75
No. 22753	17-1/4"	\$9.00
No. 22754	21-3/8"	\$9.25
No. 22755	22-3/4"	\$11.00
No. 22756	24"	\$11.25
No. 20099	24-1/2"	\$11.50
No. 22757	27-1/2"	\$11.50
No. 12375	28"	\$11.75
No. 22758	30-3/4"	\$11.75
No. 22759	32"	\$13.50
No. 22760	32-3/4"	\$13.50
No. 22761	34"	\$13.50
No. 22762	38-1/2"	\$14.00
No. 22763	39-1/2"	\$15.50
No. 22764	40-1/2"	\$15.50
No. 22765		\$16.00
1" Oval Wood Rod		
No. 22738	33"	\$12.50
No. 22739	33-1/2"	\$14.00
No. 12304	37-1/2"	\$14.00
No. 22740	41"	\$17.00
No. 22741	42"	\$17.00
No. 22742		\$17.50

Pendulum Rod Assemblies



Ansonia 5/8" x 11-3/4" with top hook and rating assembly. Stained.
No. 19534 \$14.00 each

Ansonia For large regulators. 3/4" x 24-1/8". With top hook and rating assembly. Stained.
No. 12310 \$24.50 each
Banjo 25-1/2" long overall with steel rod, brass keystone and rating assembly. Includes suspension spring. Uses **No. 23142** Willard bob (not included).
No. 22816 \$28.50 each
Seth Thomas 5/8" x 13-1/2". With top hook and rating assembly. Slotted for bob. Stained.
No. 19349 \$15.50 each
Seth Thomas #2 3/4" x 24-3/4". With top hook, rating assembly and wear plate.
No. 20100 \$27.00 each
Store Regulator 3/4" x 14-1/4". With rating assembly and hook. Stained.
No. 18399 \$12.00 each
Waterbury 1/2" x 15-3/4" black lacquered rod. For Waterbury and other clocks.
No. 30437 \$14.00 eac



Pendulum Rod Rating Nut - Brass
 Brass knurled rating nut. #10-32 thread.
No. 12280 \$1.50 each



Pendulum Rating Nut - Seth Thomas #2-Brass
 From a small hoard of #2 reproductions, The brass parts may be dirty. #4-40 internal thread.
No. 32028 \$2.00 each



Pendulum Rating Nut - Short M3
 Brass. M3 internal threads 23mm (.905" long).
No. 34142 \$3.00 each




Pendulum Rating Nut - Long M3
 Brass. M3 internal threads. 28mm long (1.102").
No. 34143 \$3.00 each





Pendulum Rod Rating Nut
 Brass. M2.5 internal thread.
No. 00956 \$2.50 each

Pendulum Rod Rating Nut Assortment



 10 assorted brass nuts.
No. 11656 \$12.50 pack

Rating Assembly - Brass



 2.5mm threaded rod with adjusting nut.
No. 23780 3" Long \$3.50 each
No. 32889 7" Long \$7.00 each

Rating Assembly

 3mm threaded steel or brass rod and brass nut.
No. 29310 4-3/4" Long \$4.00 each


Rating Assembly - Steel


 3-1/2" steel M2.5mm thread with brass nut.
No. 18461 \$3.25 each
Rating Nut Only - Brass
No. 19793 \$2.25 each


Grandfather Rating Assembly - Brass


 6-1/2" length. With brass rating nut. Body is 5" long x 3/8" wide x 3/16" thick. #6-32 internally thread.
No. 12290 \$13.00 each
 Same as above but with an M3.5 internal thread and an M5.0 externally threaded shaft.
No. 02276 \$10.50 each

Grandfather Rating Assembly - Brass


 8" length. With a brass rating nut. Body is 6" long x 3/8" wide x 3/16" thick. #6-32 internally thread.
No. 01784 \$11.00 each

Rating Assemblies - Steel



No. 12269 **No. 12270** **No. 12271**
 With brass rating nut. All are 2-1/4" long.
No. 12269 #2 \$7.00 each
No. 12270 Vienna \$4.50 each
No. 12271 Banjo \$4.50 each

#2 Regulator Rating Assembly -Steel


 2-3/8" long. With brass nut and holder.
No. 18202 \$7.00 each


 3-1/8" steel strap style. Brass nut and holder.
No. 20422 \$8.50 each

Waterbury Rating Assembly - Steel

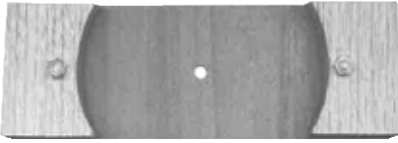

 2-15/16" long with brass nut.
No. 10259 \$4.75 each

Banjo Tie Down - Brass


 Cast. 2-1/8" wide.
No. 12276 \$11.00 each

Pendulum Components

Seth Thomas #2 Pendulum Tie Down



2 holes on the backboard of Seth Thomas #2's are for this wood pendulum tie down when transporting the clock. 7-1/2" W x 2-1/2" H x 7/8" T. With mounting screws and nuts.
No. 20309 \$12.50 each

Wear Plates - Brass



Prevents the wire from wearing against the wood rod.
No. 12277 2-3/8" Regulator **\$1.75**
No. 12377 1-7/16" Vienna **\$1.75**

Banjo 2-Screw Type Crutch/Wear Plate



Brass wear plate for old style Banjo clocks is 1-1/8" long x 5/16" wide. Complete with two mounting screws.
No. 20423 \$3.00 each

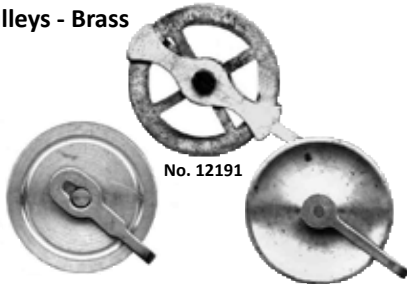
Pulleys & Related

Fancy Pulley - Brass



1-1/8" brass pulley requires finishing.
No. 16702 \$8.00 each

Pulleys - Brass



No. 12191 1-1/4" Vienna **\$7.50**
No. 12192 1" #2 Regulator **\$7.50**
No. 12193 1-5/16" Banjo **\$7.50**

Grandfather & Grandmother Pulleys - Brass



With steel straps.
No. 12190 .. 1-1/2" Grandmother **\$11.00**
No. 12189 1-3/4" Grandfather **\$11.00**

Hermle Style Pulleys - Brass



For Hermle and other movements.
No. 19283 1-1/2" Dia. **\$16.00 each**
No. 11603 1-3/4" Dia. **\$16.50 each**



1-3/4". For KSU and MSU movements.
No. 22969 \$15.00 each

Miniature Pulley - Brass



3/4". Requires final polishing.
No. 20267 \$9.00 each

Regulator Pulley - Brass - Closeout



High quality. **No. 33648** has a 1.8mm (.070") groove. **No. 33647** has a 2.0mm (.079") groove. **Were \$8.50 and \$10.50.**
No. 33648 1-3/16" Dia. **\$4.50 each**
No. 33647 1-1/2" Dia. **\$5.50 each**

Rope Pulley - Brass



Extra wide. 1-1/2". Brass with a steel strap.
No. 12195 \$13.50 each

Universal Pulleys - Brass - Closeout



1-1/8". 1.6mm (.063") groove. **Was \$7.50.**
No. 33649 \$4.00 each

Vienna Pulley - Brass



1-1/8". Final finishing required.
No. 18224 \$9.50 each

Waterbury Pulley - Brass



1". With mounting screw and nut.
No. 10275 \$10.00 each

Wood Pulleys



Stained. American weight clocks.
No. 12194 7/8" Dia. 1 Day **\$2.00 each**
No. 17400 1-1/8" Dia. 8 Day **\$2.00 each**

S-Hooks



Nickel plated steel hooks.
No. 10465 5/8" **40¢ each**
No. 10464 7/8" **40¢ each**
No. 10463 1-1/4" **40¢ each**

12-Piece S-Hook Assortment

4 pieces each of 3 sizes above.
No. 32484 \$4.00 pack

Pulley Strap



Brass. 14mm between centers. 3mm mounting holes. Distance from holes to top is 27.0mm.
No. 29725 \$3.50 each

Pulley Strap - Closeout



Brass. 8mm between centers. 3.6mm mounting holes. Distance from holes to strap top is 17mm. For Seth Thomas pulleys and others.
Was \$4.00.
No. 00089 \$2.00 each

Pulley Cover - Tin



Used on pillar and scrolls and other clocks.
 1-3/4" diameter x 1-1/4" tall.
No. 23264 \$6.50 each

Dust Covers - Wood



For early American clocks. Hardwood.
No. 14713 4-1/2" L x 7/8" W **\$6.00 pair**
No. 14714 .. 5-1/4" L x 1" W **\$6.50 pair**

Racks & Levers

Tall Case Rack Hook & Post



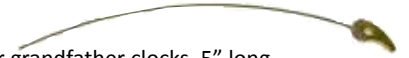
Tall case rack hook and post.
No. 18388 \$9.50 each

Rack Assembly



Finished with a steel mounting arbor.
No. 12726 \$28.75 set

Rack Spring - Brass



For grandfather clocks. 5" long.
No. 10536 \$4.00 each

Spring - Coil

10-Piece Spiral Spring Assortment



Small compression and extension springs for clockmakers and hobbyists. India.
No. 33470 \$3.25 each

200-Piece Coil Spring Assortment



Compression and extension styles. 20 different larger sizes. China.
No. 16657 \$10.50 each











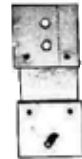









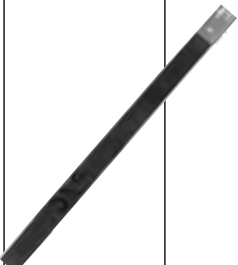







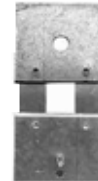
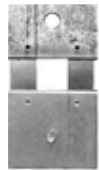








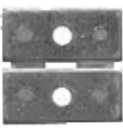






Suspension Springs

The most complete selection of suspension springs with detailed specifications Example:

- The first line is Timesavers' part number and the manufacturer's part number **No. 11038 (#1)**
- The second line is the overall length and overall width 14.5mm x 8.0mm
- The third line is the hole-to-pin length and spring thickness 10.25mm / 0.04mm
- When a specific use is known, it's indicated.
- All are combinable for quantity discounts.

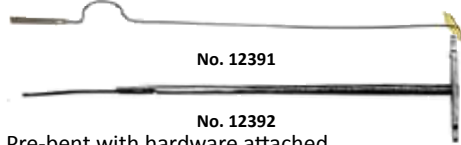
No. 11038 (#1) 14.5mm x 8.0mm 10.5mm / 0.04mm <u>\$3.25 \$9.00/3</u>	No. 11039 (#2) 15.5mm x 8.0mm 11.50mm / 0.04mm <u>\$3.25 \$9.00/3</u>	No. 11040 (#3) 16.5mm x 8.0mm 12.5mm / 0.05mm <u>\$3.25 \$9.00/3</u>	No. 11041 (#4) 17.5mm x 8.0mm 13.5mm / 0.05mm <u>\$3.25 \$9.00/3</u>	No. 11042 (#5) 18.5mm x 8.0mm 14.5mm / 0.05mm <u>\$3.25 \$9.00/3</u>	No. 11043 (#6) 19.5mm x 8.0mm 15.5mm / 0.06mm <u>\$3.25 \$9.00/3</u>	No. 11044 (#7) 20.0mm x 8.0mm 16.5mm / 0.06mm <u>\$3.25 \$9.00/3</u>	No. 11045 (#8) 18.0mm x 8.0mm 13.5mm / 0.04mm <u>\$3.25 \$9.00/3</u>	No. 11046 (#9) 15.0mm x 8.0mm 10.5mm / 0.05mm <u>\$3.25 \$9.00/3</u>
No. 11047 (#10) 17.0mm / 8.0mm 12.5mm / 0.05mm <u>\$3.25 \$9.00/3</u>	No. 11049 (#12) 21.25mm x 8.0mm 17.0mm / 0.05mm <u>\$5.00 \$14.25/3</u>	No. 11050 (#13) 24.0mm x 8.0mm 19.0mm / 0.05mm <u>\$5.25 \$15.00/3</u>	No. 11051 (#14) 19.0mm x 8.0mm 15.0mm / 0.04mm <u>\$5.00 \$14.25/3</u>	No. 11053 (#15) 19.0mm x 8.0mm 14.5mm / 0.05mm <u>\$5.00 \$14.25/3</u>	No. 11054 (#16) 20.0mm x 8.0mm 12.5mm / 0.05mm <u>\$10.50 \$30.75/3</u>	No. 11055 (#17) 18.0mm x 8.0mm 13.0mm / 0.04mm <u>\$5.00 \$14.25/3</u>	No. 11056 (#18) 65.0mm x 6.0mm 57.5mm / 0.10mm No Pins (Not To Scale) <u>\$7.00 \$20.25/3</u>	No. 11057 (#19) 15.5mm x 10.0mm 10.5mm / 0.06mm <u>\$4.75 \$13.50/3</u>
No. 11058 (#20) 18.0mm / 10.0mm 13.0mm / 0.06mm <u>\$4.75 \$13.50/3</u>	No. 11059 (#21) 21.0mm / 10.0mm 16.0mm / 0.06mm <u>\$4.75 \$13.50/3</u>	No. 11060 (#22) 20.0mm / 8.0mm 14.0mm / 0.05mm Morbier / No Pins <u>\$6.50 \$18.75/3</u>	No. 11061 (#23) 19.25mm / 8.0mm 12.5mm / 0.05mm Morbier / No Pins <u>\$6.00 \$17.25/3</u>	No. 11062 (#24) 20.0mm / 10.0mm 11.5mm / 0.05mm Morbier / No Pins <u>\$6.00 \$17.25/3</u>	No. 11063 (#25) 23.75mm / 10.0mm 17.0mm / 0.05mm Morbier / No Pins <u>\$6.00 \$17.25/3</u>	No. 12017 (#27) 22.0mm / 5.0mm 17.5mm / 0.04mm French <u>\$6.00 \$17.25/3</u>	No. 11066 (#28) 23.0mm / 5.0mm 18.5mm / 0.05mm French <u>\$6.50 \$19.50/3</u>	No. 11095 (#29) 21.75mm / 5.0mm 19.5mm / 0.05mm French <u>\$6.00 \$17.25/3</u>
No. 24683 (#33) 19.0mm / 5.0mm 14.5mm / 0.05mm <u>\$6.00 \$17.25/3</u>	No. 11088 (#35) 15.0mm / 8.0mm 10.5mm / 0.04mm Kienzle <u>\$4.00 \$11.25/3</u>	No. 11074 (#36) 17.5mm / 8.0mm 12.5mm / 0.05mm Mauthe <u>\$4.00 \$11.25/3</u>	No. 11075 (#37) 16.5mm / 8.0mm 12.0mm / 0.04mm Kienzle <u>\$4.00 \$11.25/3</u>	No. 11076 (#38) 17.5mm / 8.0mm 12.5mm / 0.05mm Becker <u>\$6.00 \$17.25/3</u>	No. 12053 (#40) 32.75mm / 14.0mm 26.0mm / 0.07mm <u>\$8.50 \$24.75/3</u>	No. 12055 (#41) 27.5mm / 17.0mm 20.5mm / 0.07mm <u>\$8.50 \$24.75/3</u>	No. 11080 (#42) 25.0mm / 14.0mm 20.5mm / 0.07mm <u>\$8.50 \$24.75/3</u>	No. 11081 (#43) 28.0mm / 14.25mm 20.0mm / 0.07mm Kienzle <u>\$8.50 \$24.75/3</u>
No. 11083 (#45) 25.0mm / 12.0mm 18.0mm / 0.06mm H.A.U. <u>\$8.50 \$24.75/3</u>	No. 11084 (#46) 26.5mm / 12.0mm 19.5mm / 0.06mm Jungmans <u>\$8.50 \$24.75/3</u>	No. 12050 (#47) 23.5mm / 12.0mm 18.0mm / 0.06mm <u>\$8.50 \$24.75/3</u>	No. 11086 (#48) 23.25mm / 14.0mm 15.5mm / 0.06mm <u>\$10.50 \$30.75/3</u>	No. 11087 (#49) 24.0mm / 10.0mm 19.5mm / 0.06mm <u>\$7.00 \$20.25/3</u>	No. 11073 (#51) 16.5mm / 8.0mm 12.0mm / 0.05mm <u>\$5.00 \$14.25/3</u>	No. 24685 (#52) 14.5mm / 6.0mm 10.5mm / 0.04mm Plastic <u>\$4.50 \$12.75/3</u>	No. 12011 (#54) 16.25mm / 17.0mm 9.0mm / 0.04mm Kundo <u>\$23.00 \$67.50/3</u>	No. 12070 (#54-2) 16.0mm / 17.0mm 9.0mm / 0.04mm Kundo / No Pins <u>\$23.00 \$67.50/3</u>

Suspension Springs

								
No. 16681 (#E-77) Brass Connector	No. 11096 (#102) 26.0mm / 5.0mm 19.0mm / 0.05mm	No. 11097 (#106) 22.5mm / 5.0mm 16.0mm / 0.05mm	No. 11098 (#108) 33.0mm / 5.0mm 26.0mm / 0.05mm	No. 12033 (#128) 19.75mm / 4.0mm 16.0mm / 0.05mm French	No. 12022 (#130) 22.5mm / 4.0mm 14.5mm / 0.05mm French	No. 12025 (#131) 25.5mm / 4.0mm 18.5mm / 0.05mm French	No. 11100 (#132) 25.5mm / 4.0mm 18.0mm / 0.05mm French	No. 24686 (#201) 19.5mm / 8.0mm 15.0mm / 0.05mm 2 Top Holes
<u>\$1.25 each</u>	<u>\$3.50 \$9.75/3</u>	<u>\$3.50 \$9.75/3</u>	<u>\$4.00 \$11.25/3</u>	<u>\$6.50 \$18.75/3</u>	<u>\$6.50 \$18.75/3</u>	<u>\$6.50 \$18.755/3</u>	<u>\$6.50 \$18.75/3</u>	<u>\$5.00 \$14.25/3</u>
								
No. 24687 (#202) 18.0mm / 8.0mm 13.0mm / 0.04mm Urgos	No. 12056 (#203) 19.5mm / 8.0mm 15.0mm / 0.05mm 2 Holes	No. 24688 (#204) 14.5mm / 8.0mm 10.5mm / 0.04mm Jauch	No. 24689 (#301) 25.5mm / 11.0mm 17.5mm / 0.06mm Urgos	No. 24690 (#302) 27.0mm / 12.0mm 16.0mm / 0.06mm Urgos	No. 24691 (#304) 25.25mm / 12.0mm 15.5mm / 0.10mm Kieninger	No. 24692 (#305) 24.0mm / 12.0mm 15.0mm / 0.10mm Kieninger	No. 24693 (#306) 17.5mm / 8.0mm 12.0mm / 0.08mm Kieninger	No. 11089 (#307) 17.25mm / 8.0mm 12.5mm / 0.05mm Hermle
<u>\$5.00 \$14.25/3</u>	<u>\$5.00 \$14.25/3</u>	<u>\$4.00 \$11.25/3</u>	<u>\$9.00 \$26.25/3</u>	<u>\$9.00 \$26.25/3</u>	<u>\$8.00 \$23.25/3</u>	<u>\$10.00 \$29.25/3</u>	<u>\$4.00 \$11.25/3</u>	<u>\$4.00 \$11.25/3</u>
								
No. 12016 (#308) 24.5mm / 12.0mm 18.0mm / 0.10mm Morbier / No Pins	No. 24694 (#309) 24.5mm / 12.0mm 17.5mm / 0.10mm Morbier / No Pins	No. 12001 (#310) 115.5mm / 6.0mm 107.5mm / 0.10mm No Pins (Not To Scale)	No. 11068 (#311) 25.0mm / 5.0mm 16.5mm / 0.05mm French	No. 11069 (#312) 28.5mm / 5.0mm 20.0mm / 0.06mm French	No. 11070 (#313) 31.5mm / 6.0mm 23.0mm / 0.07mm French	No. 12058 (#314) 20.25mm / 5.0mm 15.0mm / 0.07mm French	No. 24695 (#315) 20.0mm / 5.0mm 15.5mm / 0.05mm French	No. 24696 (#316) 23.0mm / 10.0mm 17.0mm / 0.05mm Morbier / No Pins
<u>\$11.50 \$33.75/3</u>	<u>\$11.50 \$33.75/3</u>	<u>\$7.00 \$20.25/3</u>	<u>\$6.00 \$17.25/3</u>	<u>\$6.50 \$18.75/3</u>	<u>\$6.50 \$18.75/3</u>	<u>\$8.00 \$23.25/3</u>	<u>\$8.00 \$23.25/3</u>	<u>\$8.00 \$23.25/3</u>
								
No. 12059 (#318) 24.0mm / 10.0mm 19.0mm / 0.06mm Hermle 21-248C	No. 11611 (#N/A) 25.5mm/12.5mm 15.5mm / 0.07mm Hermle 21-248C	No. 11612 (#N/A) 25.5mm/12.5mm 15.5mm / 0.10mm Hermle 21-248A	No. 20802 (#21-6) 17.5mm / 8.0mm 12.0mm / 0.04mm Hermle 17.5cm-66cm 2.4mm Length	No. 20803 (#21-100) 17.5mm / 8.0mm 12.0mm / 0.04mm Hermle 11cm-15cm 3.2mm Length	No. 32251 (#44025) 28.25mm/8.25mm 19.0mm / 0.05mm Urgos Plastic (Not To Scale)	No. 12083 (#4402) 28.25mm/8.25mm 19.0mm / 0.10mm Urgos Plastic (Not To Scale)	No. 12084 (#4710) 43.5mm / 11.5mm 32.0mm / 0.10mm Urgos Plastic (Not To Scale)	No. 19945 (#N/A) Ansonia & French Swingers (Not To Scale) Brass With Steel Springs
<u>\$7.50 \$21.75/3</u>	<u>\$7.00 \$20.25/3</u>	<u>\$7.00 \$20.25/3</u>	<u>\$3.25 \$9.00/3</u>	<u>\$3.25 \$9.00/3</u>	<u>\$12.00 \$35.25/3</u>	<u>\$12.00 \$35.25/3</u>	<u>\$13.00 \$38.25/3</u>	<u>\$60.00 each</u>
								
No. 18727 (#N/A) .0035" thick 1-3/8" long Banjo	No. 29312 (#N/A) Pins included Brillie	No. 20857 (#N/A) Brass Chops With 2 Silk Strips For Bulle	No. 24532 (#N/A) .003" thick 1-1/4" long Fusee	No. 23492 (#N/A) .004" thick 2" long American Electric	No. 19564 (#N/A) .0075" thick 1-1/2" long Jewelers Regulator	No. 23494 (#N/A) .004" thick 1-1/4" long Pneumatic Master	No. 10421 (#N/A) .004" thick 1-3/16" long Time Clocks & Others	No. 32325 (#N/A) .004" thick 1-1/4" long Exact Copy For Seth #2 & Others
<u>\$2.00 each</u>	<u>\$14.00 each</u>	<u>\$27.50 each</u>	<u>\$2.00 each</u>	<u>\$6.00 each</u>	<u>\$5.50 each</u>	<u>\$6.00 each</u>	<u>\$3.50 \$9.75/3</u>	<u>\$12.00 \$35.25/3</u>

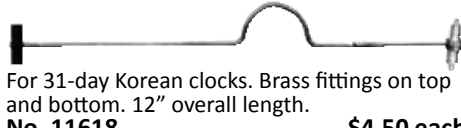
Suspension Springs

Suspension Rods - Ansonia



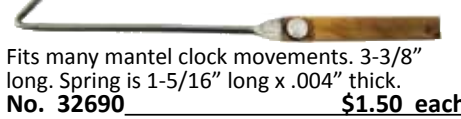
No. 12391
No. 12392
Pre-bent with hardware attached.
No. 12391 11" Long Front Mount
No. 12392 11-3/4" Long Rear Mount
\$5.50 each

Suspension Rods - Korean Style



For 31-day Korean clocks. Brass fittings on top and bottom. 12" overall length.
No. 11618 **\$4.50 each**

Pendulum Suspension Rod



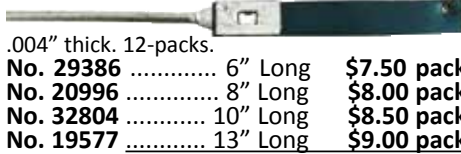
Fits many mantel clock movements. 3-3/8" long. Spring is 1-5/16" long x .004" thick.
No. 32690 **\$1.50 each**

Suspension #89 Rod Assembly



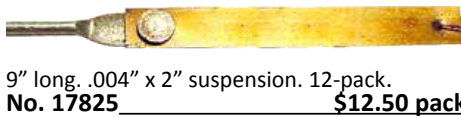
15-1/2" overall with a 1-3/8" spring.
No. 17826 **\$9.00 each**

Suspension Rods



.004" thick. 12-packs.
No. 29386 6" Long **\$7.50 pack**
No. 20996 8" Long **\$8.00 pack**
No. 32804 10" Long **\$8.50 pack**
No. 19577 13" Long **\$9.00 pack**

Suspension Rods - Long Spring



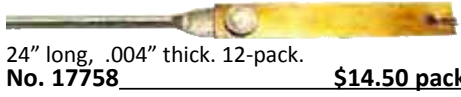
9" long. .004" x 2" suspension. 12-pack.
No. 17825 **\$12.50 pack**

Suspension Rods



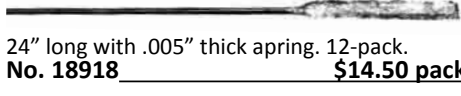
17" long. 12-packs.
No. 14422002" Thick
No. 18913003" Thick
No. 18914004" Thick
\$10.00 pack

Suspension Rods - Extra Long



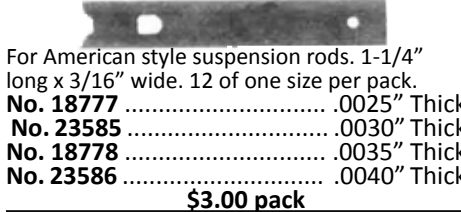
24" long, .004" thick. 12-pack.
No. 17758 **\$14.50 pack**

Suspension Rods-One Piece



24" long with .005" thick apring. 12-pack.
No. 18918 **\$14.50 pack**

Suspension Spring Feathers



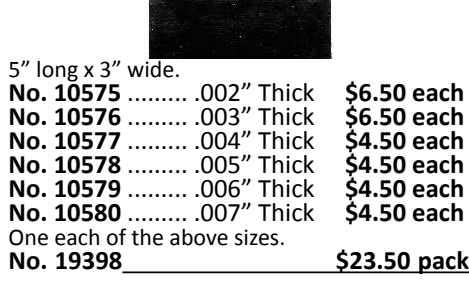
For American style suspension rods. 1-1/4" long x 3/16" wide. 12 of one size per pack.
No. 187770025" Thick
No. 235850030" Thick
No. 187780035" Thick
No. 235860040" Thick
\$3.00 pack

Suspension Feather Assortment



25 pieces. Varying lengths & thicknesses. India.
No. 29464 **\$4.00 pack**

Suspension Steel Sheets



5" long x 3" wide.
No. 10575002" Thick **\$6.50 each**
No. 10576003" Thick **\$6.50 each**
No. 10577004" Thick **\$4.50 each**
No. 10578005" Thick **\$4.50 each**
No. 10579006" Thick **\$4.50 each**
No. 10580007" Thick **\$4.50 each**
One each of the above sizes.
No. 19398 **\$23.50 pack**

Suspension Spring Assortment



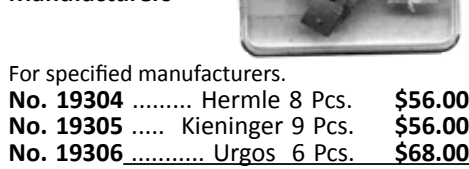
12 most popular suspension springs (#1 through #9).
No. 10419 **\$30.50 pack**

Suspension Spring 10-Piece Assortment - French & Mantel Clocks



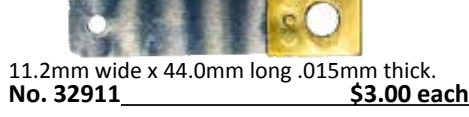
No. 19722 **\$49.50 pack**

Suspension Spring Assortments - German Manufacturers



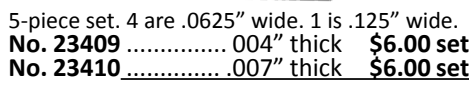
For specified manufacturers.
No. 19304 Hermle 8 Pcs. **\$56.00**
No. 19305 Kieninger 9 Pcs. **\$56.00**
No. 19306 Urgos 6 Pcs. **\$68.00**

Single End Suspension Spring



11.2mm wide x 44.0mm long .015mm thick.
No. 32911 **\$3.00 each**

Ansonia & French Swinger Suspension Springs



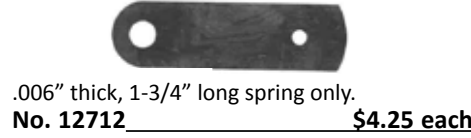
5-piece set. 4 are .0625" wide. 1 is .125" wide.
No. 23409004" thick **\$6.00 set**
No. 23410007" thick **\$6.00 set**

Suspension Spring - Seth Thomas #2

	Inches	mm
Overall Length	1.228"	31.2
Width	.315"	8.0
Spring Thickness	.004"	0.102
Pin Center To Center	.875"	22.23
Chop Thickness	.058"	1.4

Made in Germany to exact Seth Thomas specifications. **Timesavers Exclusive!**
No. 32325 **\$12.00 each**

Suspension Spring - Herschede



.006" thick, 1-3/4" long spring only.
No. 12712 **\$4.25 each**

Suspension Springs - Grandfather



4-1/2" long with brass tip.
No. 17675 **\$3.75 each**

5" long with brass tip on one end.
No. 23486 **\$3.75 each**

.008" thick. 3-15/16" long.
No. 29720 **\$6.50 each**

2 brass ends, one has #6-32 thread. 5-3/8" long
No. 12291 **\$8.00 each**

Urgos Suspension Holder - Closeout



For UW32 clock. 5mm (.197") diameter x 7/8" long. Brass. No screws. Was **\$4.50**.
No. 00626 **\$2.00 each**

French Suspension Thread



3' length of thread for French clocks.
No. 20081 **\$3.00 each**

Suspension Spring Material For Atmos & Reutter



Temperature compensating suspension spring is 9" long. Install your own fittings to complete.
No. 22696 For Atmos **\$19.50 each**
No. 23752 For Reutter **\$20.00 each**

We Ship Worldwide Daily

Suspension Springs

400-Day Suspension Spring Wire



3-pack temperature compensating springs.

5-3/8" Long

No. 10473	.0018"	.0457mm
No. 10474	.0019"	.0483mm
No. 10475	.0020"	.0510mm
No. 10476	.0021"	.0533mm
No. 10477	.0022"	.0558mm
No. 10478	.0023"	.0584mm
No. 10479	.0024"	.0609mm
No. 10480	.0025"	.0635mm
No. 10481	.0028"	.0711mm
No. 10482	.0030"	.0762mm
No. 10483	.0031"	.0787mm
No. 10484	.0032"	.0812mm
No. 10485	.0033"	.0838mm
No. 10486	.0034"	.0863mm
No. 10487	.0035"	.0889mm
No. 10488	.0036"	.0914mm
No. 10489	.0037"	.0939mm
No. 10490	.0038"	.0965mm
No. 10491	.0040"	.1016mm

7-3/16" Long

No. 34188	.0040"	.1016mm
No. 10492	.0045"	.1143mm
No. 10493	.0050"	.1270mm
No. 10494	.0055"	.1393mm
No. 10495	.0060"	.1524mm

\$6.00 pack \$17.25/ 3 (\$5.75)

400-Day Suspension Spring Wire Assortments



12 temperature compensating springs.

.0020" .0023" .0023" .0025" .0030" .0032" .0032" .0035" .0035" .0037" .0040" .0040".

No. 10425 Popular Size

.0018" .0019" .0021" .0022" .0024" .0028" .0031" .0033" .0036" .0038" .0045" .0050".

No. 10426 Intermediate Sizes

\$26.50 pack \$52.00/ 2 (\$26.00)

400-Day Nivarox Suspension Spring Wire Assortments



12 springs per pack. Germany.

No. 29902 Popular Sizes

.0020", .0023", .0023", .0025", .0030", .0032", .0032", .0035", .0035", .0037", .0040", .0040"

No. 29903 Intermediate Sizes

.0012", .0016", .0018", .0021", .0024", .0026", .0028", .0030", .0034", .0035", .0050", .0055"

\$32.50 each pack

400-Day Nivarox Suspension Spring Wires

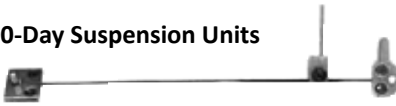


An alternative to Ni-Span C material. Nivarox temperature-compensating material is used by original German manufacturer in production of 400-day suspension units. Replace suspension springs with original factory material. All are 0.60mm (0.0236") wide except where noted. All are 160mm (6.30") long except where noted. 3 springs in a pack.

Part #	Millimeters	Inches
	T x W x L	T x W x L
No. 29883	.030 x .60 x 160	.00118 x .236 x 6.30
No. 29884	.040 x .60 x 160	.00157 x .236 x 6.30
No. 29885	.045 x .60 x 160	.00177 x .236 x 6.30
No. 29886	.050 x .60 x 160	.00196 x .236 x 6.30
No. 29887	.053 x .43 x 71	.00209 x .169 x 2.80
No. 29888	.058 x .54 x 108	.00228 x .213 x 4.25
No. 29889	.060 x .60 x 183	.00236 x .236 x 7.20
No. 29890	.063 x .55 x 108	.00248 x .217 x 4.25
No. 29891	.065 x .60 x 160	.00256 x .236 x 6.30
No. 29892	.070 x .56 x 122	.00276 x .220 x 4.80
No. 29893	.070 x .60 x 160	.00276 x .236 x 6.30
No. 29894	.075 x .60 x 160	.00295 x .236 x 6.30
No. 29895	.080 x .60 x 160	.00315 x .236 x 6.30
No. 29896	.085 x .60 x 160	.00335 x .236 x 6.30
No. 29897	.090 x .60 x 183	.00354 x .236 x 7.20
No. 29898	.095 x .60 x 160	.00374 x .236 x 6.30
No. 29899	.110 x .60 x 160	.00433 x .236 x 6.30
No. 29900	.130 x .60 x 160	.00512 x .236 x 6.30
No. 29901	.140 x .60 x 160	.00551 x .236 x 6.30

\$10.00 pack

400-Day Suspension Units



Blocks and fork in place on Nivarox temperature compensating spring.

No. 10681	..... #1 Kundo Standard 49
No. 10682	..... #3A Kundo Standard 53
No. 10683	..... #3B Kundo Standard 54
No. 10684	..... #3C Kundo Standard 55
No. 10685	..... #5A Kundo Junior 53
No. 10686	..... #5B Kundo Junior 54
No. 10687	..... #5E Kundo Junior 56
No. 10688	..... #5F Kundo Midget 58
**No. 10689	..... #6789 Schatz Standard 49
**No. 10690	..... #10A Schatz Miniature 53
**No. 10691	..... #10B Schatz Miniature 1000-Day 54
**No. 10692	..... #10C Schatz Midget 57
No. 10693	..... #11A Kern Standard 50
No. 10694	..... #11B Kern Standard 54
No. 10695	..... #12C Kern Miniature 57
No. 10696	..... #12D Kern Miniature 58
No. 10697	..... #12E Kern Midget 58
No. 10737	..... #12F Kern Miniature 61
*No. 10698	..... #13B Koma Standard 52
*No. 10738	..... #13C Koma Standard 56
*No. 10699	..... #14A Koma Miniature 54
*No. 10700	..... #14B Koma Miniature 65
No. 10701	..... #16 Link Standard 52
No. 10739	..... #18C Peterson Standard 54
No. 10702	..... #20A Herr Standard 54
No. 10740	..... #20B Herr Standard 54
No. 10703	..... #23A Reiner Standard 53
No. 10704	..... #23B Reiner Standard 56
No. 10705	..... #25A Hermle Standard 53
No. 10706	..... #25B Hermle Miniature 54
No. 10707	..... #27A Herr Standard 53
No. 10708	..... #27B Herr Standard 55

No. 10709	..... #27C Neueck Standard 57
No. 10741	..... #28A Herr Miniature 55
No. 10710	..... #28B Herr Miniature 54
No. 10711	..... #28C Herr Miniature 56
No. 18788	..... 29A Henn Miniature 52
No. 10713	..... #29B Henn Miniature 53
No. 10742	..... #31 Henn Standard 52
No. 10714	..... #32 Henn Standard 54
No. 10743	..... #33 Jauch-Haller 54
No. 11241	..... #34 Kaiser Standard 54
No. 11242	..... #35 Link Miniature 56
No. 10716	..... #38A Koma Midget 57
No. 10733	..... #39 Haller Standard 57
No. 11244	..... #40B Crescent Standard 55
No. 11245	..... #41B Master Standard 55
No. 10718	..... #42A Haller Standard 73
No. 10719	..... #43A Haller Miniature 73
No. 10720	..... #44A Haller Midget 73
No. 11246	..... #45A Master Standard 70
No. 11247	..... #46A New Master 80 1000-Day
No. 10721	..... 48B Kundo Standard 73
No. 10722	..... 49B Kundo Standard 73
No. 10724	..... 52B Kundo Miniature 77
No. 11249	..... 53B Hermle 75
No. 11251	..... 55 Kern Standard 75
No. 11252	..... 56 Kern Miniature 75
No. 11253	..... 57 Kern Standard 77
No. 11255	..... 59 Kern Miniature 78
*No. 10725	..... 60B Master 75
*No. 10726	..... 61B Master 77
*No. 10728	..... 63B Kundo Miniature 76
*No. 10731	..... 66A Koma Miniature 80
*No. 11954	..... 67B Hermle 80
*No. 11955	..... 68B Hermle 83

\$29.00 each
* **\$36.50 each**
** **\$40.00 each**

Suspension Wire - Closeout



Bronze and Alloy Steel used in 400-day suspension units. 3-packs. **Was \$6.00.**

No. 01725 .0023" Thick x .0236" W x 6-1/2" L
Bronze **\$2.50 pack**

No. 01721 .0016" Thick x .0236" W x 6" L
Alloy Steel **\$2.50 pack**

No. 01738 .0047" Thick x .0236" W x 6" L
Bronze **\$2.50 pack**

Quartz Suspension Units - Hermle



See page #134 for actual sizes.

No. 19745	..... Model 967
No. 19746	..... Model 977
No. 19747	..... Model 987
No. 19748	..... Model 977/1
No. 19749	..... Model 977/2 Leichtem
No. 19750	..... Model 977/2 Miniature Leichtem
No. 19751	..... Model 2300-005
No. 19752	..... Model 2300-005 Normalem
No. 19753	..... Model 2300-003 Schwerem

\$22.00 each

Hermle Snap-In Suspension Unit For 400-Day Movement



Plastic blocks and fork.

No. 23339 **\$10.00 each**

Suspension Springs

400-Day Quartz Suspension Wires With Forks



Pre-assembled bronze wire with fixed-position fork. No top nor bottom block. 2 assemblies per pack. Produced by original manufacturer of complete suspension units. See page #141 for pictures of each assembly.

No. 29860	..... 21-229	Hermle
No. 29861	..... 21-229B	Hermle
No. 29863	..... 21-237	Hermle
No. 29865	..... 21-251	Hermle
No. 29867	..... 21-270 18,7	Hermle
No. 29868	..... 21-270 20,6	Hermle
No. 29870	..... 21-283 0,50	Hermle
No. 29872	..... QP 10	Kern
No. 29875	..... 820320	Blessing
No. 29876	..... 820114	Blessing
No. 29877	..... 820024	Blessing
No. 29878	..... 301053	Schrenk
No. 29879	..... 301181	Schrenk
\$12.00 pack of 2		

400-Day Suspension Block Screws



24 assorted. For suspension blocks and forks. Includes M1.2 and M1.7 flat and fillister heads.

No. 18408 **\$19.50 pack**

Grivolos Lower Suspension Block



Exact brass copy. Limited supply.

No. 24672 **\$25.00 each**

Block & Fork Assortment



5 piece set. 1 fork, 2 top blocks and 2 bottom blocks for suspension units. India.

No. 30989 **\$11.50 pack**

400-Day Suspension Parts With screws.

Blocks		
No. 15663 7.5 x 8mm	No. 15664 8 x 6mm	No. 15665 6 x 5mm
Bottom Blocks		
No. 15666 7.5 x 8mm	No. 15667 8 x 6mm	No. 15668 6 x 5mm
Forks		
No. 15669 14mm	No. 15675 16.5mm	No. 15676 13.5mm
No. 15677 8.5mm	No. 15678 13.5mm	No. 15679 12mm
\$12.00 each		

Top & Bottom Block Assortment

6 pieces. One of each top and bottom block.

No. 31065 **\$59.50 pack**

Fork Assortment

6 pieces. One of each fork as shown above.

No. 31066 **\$59.50 pack**

Suspension Forks & Blocks - Old Style



No. 32252 No. 32253 No. 32254 No. 32255
Sizes indicated.
No. 32252 Fork 2 Prong 18.8mm long
No. 32253 Fork 2 Prong 15.0mm long
No. 32254 Top Block 6.0mm x 10.8mm
No. 32255 Top Block 5.10mm x 8.8mm
\$12.50 each

400-Day Clock Best Setter



Makes micrometer adjustments to the suspension bracket. Instructions included.

No. 13532 **\$32.00 each**

400-Day Clock Suspension Jig



Makes assembly of 400-day suspension units easy. Adjustable from shortest to longest unit.

No. 23291 **\$75.00 each**

Suspension Spring Screw



M1.4 x 9.5mm. For Hermle and others.

No. 15796 **\$3.00 each**

Swinging Arm Jewel Bar For Junghans Clocks



Brass with jeweled inserts 1.365" (34.7mm) long. The distance between jewel centers is .720" (18.3mm). M2.5 thread.

No. 10817 **\$24.00 each**

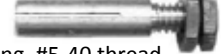
Glass Cap Jewel



2.48mm (0.0976") outside diameter x 1.46mm (0.0575") high glass jewel. Used on our #10817 Junghans style jewel bar but can be used in many other applications.

No. 34247 **\$4.00 each**

Suspension Stud & Nut



Brass .790" long. #5-40 thread.

No. 12283 **\$1.50 each**

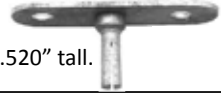
Motion Works Bridge - Tall Case



Brass. 2-3/4" wide x 1-3/8" tall 1/4" ID mounting shaft. India.

No. 33898 **\$13.50 each**

Suspension Bracket - Brass



1.3" wide x .520" tall.

No. 12302 **\$2.25 each**

Suspension Bridges - Cast Brass



1-1/2" wide x 3/4" tall. Finishing required.
No. 12718 Banjo **\$10.00 each**
2-1/4" wide x 1-1/2" tall. Finishing required.
No. 12719 Grandfather **\$14.50 each**

Verges & Related

#2 Regulator Verge



For Seth Thomas and other clocks. Ready for final finishing and polish.

No. 29949 **\$14.00 each**

Verge - Tall Case



For 30-hour tall case clocks. 80.0mm arbor.

No. 29721 **\$22.00 each**

Verge Casting - Grandfather



Ready to finish and polish.

No. 10538 **\$11.00 each**

Verges - Regula Cuckoo Movement



For cuckoo movements.

No. 16614 1 Day (#25) **\$2.50 each**

No. 16615 8 Day (#34) **\$3.00 each**

Verge Assortment



12 popular verges require final polishing.

No. 12504 **\$39.50 pack**

9-piece assortment for American clocks. India.

No. 23768 **\$19.50 pack**

Verges- Between-The-Plate



No.11516.....AnsoniaKitchen
No. 11517 Ansonia School
Front Mount Pendulum
No.11518.....Ansonia "A"
Rear Mount Pendulum
No. 11519 Ansonia Large Movement
\$8.75 each

Verge - Fits-All



Bend as desired, polish and harden. High carbon steel. Brass, rod and saddle are riveted.

No. 12503 **\$5.25 each**

Verges & Related

Verge Kit



3 each brass rods, saddles, pallets and rivets. Pre-drilled and formed for easy assembly.

No. 12505 \$10.50 kit

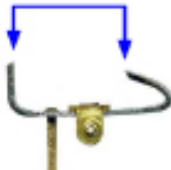
Verge Strip



1-1/2" long x 3/16" wide x .050" thick. Carbon steel can be hardened.

No. 11268 \$1.00 each

How To Choose The Correct Verge



The width of the verge is the distance between the pallets tips. To find the correct verge, count the number of teeth on escape wheel and refer to the table below for the correct number of teeth the verge should embrace.

Number Of Teeth Escape Wheel	Number Of Teeth To Be Embraced
30 to 39	8
40 to 43	9
44 to 46	10

Measure the distance across the embraced teeth plus the distance between 2 teeth to get the closest verge measurement. Final adjustment may be required but note that continued adjustment will cause the verge to work harden and fracture.

Universal Verges

Tempered and polished. Example: 30T indicates 30 tooth escape wheel.



No. 12500

Ansonia School 34T E.N. Welch 30 Hr. Shelf T and S 34T
 E.N. Welch 8-Day Shelf 29T E.N. Welch Eclipse Cal. 34T
 E.N. Welch 8-Day Kitchen 41T E.N. Welch School 32T
 Gilbert 8-Day Kitchen 41T Gilbert 8-Day Shelf 42T
 Ingraham 8-Day Shelf 42T Ingraham 8-Day Kitchen 27T
 Ingraham 30 Hr. Kitchen 45T Ingraham School 36T
 Ithaca Calendar 36T Japanese School 32T
 New Haven 8-Day Kitchen 37T Sessions Regulator 34T
 Sessions School 32T Sessions 8-Day Shelf 41T
 S. Thomas 30 Hr. Shelf 48T Terry and Andrews 48T
 Waterbury 8-Day Kitchen 36T and 42T Waterbury School 42T

No. 12500 \$6.50 each



No. 12501

Ansonia 30 Hr. Beehive 46T Ansonia 30 Hr. Kitchen 32T
 Ansonia 8-Day Kitchen 46T Ansonia Brass and Copper 39T
 Birge and Mallory Strap Movt. 32T Canada Clock Co. School 39T
 C. Jerome 30 Hr. Steeple 35T E.N. Welch 30 Hr. Shelf 39T and 34T
 E.N. Welch School 32T and 39T Gilbert 8-Day Shelf 39T and 36T
 Gilbert Regulator 36T G.B. Owens 8-Day Shelf 39T
 Ingraham School 31T and 32T Ithaca Calendar 34T and 39T
 Japanese School 33T New Haven Mantel 45T
 Sessions School 39T Waterbury Cal. School 34T and 44T
 Waterbury School 39T Waterbury 30 Hr. Kitchen 50T
 Waterbury 8-Day Kitchen and Steeple 39T Unmarked Kitchen Movt. 33T
 Unmarked 8-Day Shelf 36T

No. 12501 \$6.50 each



No. 12502

Ansonia 30 Hr. OG 42T E.N. Welch 30 Hr. OG 42T
 Jerome Bank Regulator 38T Jerome 30 Hr. OG 42T
 Johnson 30 Hr. OG 42T New Haven 30 Hr. OG 42T
 New Haven School 39T New Haven School 31T
 New Haven School 41T New Haven Regulator 42T
 S. Thomas 8-Day Shelf 40T S. Thomas 30 Hr. OG 42T
 Terry and Andrews Lyre Movt. 42T Waterbury 30 Hr. OG 42T
 Unmarked 8-Day X-Large Movt. 45T Unmarked 30 Hr. OG 42T

No. 12502 \$6.50 each



Half dead beat for E. N. Welch, Ingraham, and Ithaca. .720" width between pallet tips

No. 32316 \$6.50 each

Verges



Style 1

Style 2

Formed and hardened steel verges are complete with 7.40" brass rods and saddles riveted in place. The width is the distance between the tips of the pallets.

Part #	Width	Style	Price
No. 01474	.450"	2	\$6.50
No. 33369	.580"	2	\$6.50
No. 33363	.580"	1	\$6.50
No. 12500	.720"	1	\$6.50
No. 12501	.740"	1	\$6.50
No. 12502	.780"	2	\$6.50
No. 33395	1.00"	2	\$6.50

Verge & Escape Wheel



Cast verge requires final finishing. 30-tooth brass escape wheel is 45.5mm diameter.

No. 31041 \$22.50 set

Verge & Escape Wheel Sets



Verge and matching escape wheel. The design of the verge and escape wheel may vary.

No. 11627 26 Teeth **\$11.00 set**
No. 11628 27 Teeth **\$11.00 set**
No. 11631 30 Teeth **\$11.00 set**
No. 11633 32 Teeth **\$11.00 set**
No. 11634 33 Teeth **\$11.00 set**
No. 11636 35 Teeth **\$11.00 set**
No. 11637 36 Teeth **\$11.00 set**
No. 11638 37 Teeth **\$11.00 set**
No. 11639 38 Teeth **\$11.00 set**
No. 11640 39 Teeth **\$11.00 set**
No. 11641 40 Teeth **\$11.00 set**
No. 11642 41 Teeth **\$11.00 set**
No. 11645 44 Teeth **\$11.00 set**
No. 11647 46 Teeth **\$11.00 set**
No. 11649 48 Teeth **\$11.00 set**
No. 11651 50 Teeth **\$11.00 set**

Verge Pin Plates



No. 12284

No. 12369

Brass pin plates with steel pins.

No. 12284 Old Style **\$1.25 each**

No. 12369 New Style **\$1.25 each**

Verge Retainers



No. 12282

No. 12368

No. 12282 Formed Brass **\$1.25 each**

No. 12368 ... Bend Wire To Fit **\$1.25 each**

Verge Pin Saddle



Formed and pre-drilled brass.

No. 12281 \$1.25 each

Verge Adjuster

Verge
Not
Included



Handy tool for making adjustments to strap type verges. Instructions included.

No. 22941 \$70.00 each

Verge Gauge - Hulsey's



Checks the verge angle. Instructions included.

No. 13836 \$10.00 each

Weather Instruments

Weather Instruments



Brass bezels and dials. Plexiglas crystals. 2-3/4" bezel diameter. 2-3/16" movement diameter with maximum case depth of 3/4". France.

No. 16606 Thermometer **\$11.50**

No. 16607 Hygrometer **\$11.50**

No. 16608 Barometer **\$17.50**

Weather Instruments



3-1/2" brass plated aluminum bezels with plastic lenses. Gold dials with black numerals and lettering. 2-1/4" movement diameter. 3/4" case depth. China.

No. 34242 ... Thermometer **\$11.00 each**

No. 34241 Hygrometer **\$11.00 each**

No. 34240 Barometer **\$17.50 each**

Weather Instruments

Kitchen Clock Barometer



Decorative, non-functional barometer with sealed glass tube approximately 5/8" x 5-3/4" containing a colored liquid. The brass plate is 5/16" x 4-7/8" and embossed Stormy, Change and Fair. Complete with 2 brass mounting brackets and mounting screws.

No. 32991 **\$44.00 set**

Thermometer-Kitchen Clock



Decorative, non-functional thermometer with red tube mounted on an embossed brass plate 1" x 5-1/16". With mounting screws.

No. 32990 **\$16.50 each**

Weights & Related

Decorative Aluminum Weight Shells



Brass finish. Horizontal grooves on body. With center rod, top hook & bottom nib. China.

No. 32683 . 32mm x 103mm (1-1/4" x 4-1/16")
\$5.00 each



Same as above but polished no body grooves.

No. 32684 32mm x 150mm (1-1/4" x 5-7/8")
\$6.00 each

No. 32685 42mm x 195mm (1-5/8" x 7-11/16")
\$9.00 each

Silver Finish Aluminum Weight Shell



Polished finish on aluminum. With center rod, top hook, and bottom nib. China.

No. 33722 . 32mm x 150mm (1-1/4" x 5-7/8") **\$6.00**

Etched Brass Finish Aluminum Shells



With center rod, hook, & bottom nib. China.

No. 32679 . 42mm x 195mm (1-5/8" x 7-11/16") **\$8.00**

Aluminum Straight Edge End Caps



Polished brass finish on aluminum.

No. 32661 . Fits 32mm Shells (3.5mm hole)

No. 32662 . Fits 40mm Shells (3.5mm hole)

No. 32663 . Fits 48mm Shells (3.5mm hole)

Yellowish brass finish on aluminum:

No. 32664 . Fits 32mm Shells (3.0mm hole)

No. 32665 . Fits 40mm Shells (3.0mm hole)

\$2.50 each

Dark bronze finish on aluminum to fit 58mm weight shells. With 6.0mm center hole.

No. 32660 **\$3.00 each**

Brass Weight Shell End Caps



Cap Dia. Fits Shell Dia.

Straight edge - polished.

No. 23787 1-1/4" (32mm) **\$3.50**

No. 19578 .. 1-9/16" (40mm) **\$3.50**

No. 29397 1-21/32" (42mm) **\$3.50**

No. 29556 1-7/8" (48mm) **\$3.50**

No. 19579 2-3/8" (60mm) **\$3.50**

Straight edge - brushed.

No. 23854 .. 1-9/16" (40mm) **\$4.00**

No. 23855 2-3/8" (60mm) **\$4.00**

Round edge - polished.

No. 32658 1-1/2" (38mm) **\$3.50**

No. 32659 1-7/8" (48mm) **\$3.50**

No. 29557 2-3/8" (60mm) **\$3.50**

Round edge - brushed

No. 29558 2-3/8" (60mm) **\$4.00**

Round edge - polished

Special buy! Hermle end cap. Was **\$3.50**.

While supplies last.

No. 03000 . 1-31/32" (50mm) **\$1.00**

Nickel Weight Shell End Caps



Straight edge - polished

No. 34329 1-9/16" (40mm) **\$3.00**

No. 34389 1-31/32" (50mm) **\$3.00**

Straight edge - brushed

No. 34392 1-1/4" (32mm) **\$3.00**

No. 34391 1-9/16" (40mm) **\$3.00**

No. 34390 1-31/32" (50mm) **\$3.00**

No. 34328 ... 2" (51mm) **\$3.00**

No. 34388 2-3/8" (60mm) **\$3.00**

Round edge - brushed

No. 34397 2-3/8" (60mm) **\$3.00**

Domed Weight Shell End Cap - Brass



No. 29308 Fits 60mm Shells **\$5.00 each**

Weight Shell Center Rods - Steel



Threaded on both ends.

Part #	Thread Size	MM Length	Inch Length	Price
No. 32572	M2.5 x 200		7-7/8"	\$2.50
No. 32573	M2.5 x 250		9-27/32"	\$2.50
No. 32574	M3 x 250		9-27/32"	\$3.00
No. 34208	M3 x 260		10-15/64"	\$3.00
No. 02610	M3 x 295		11-39/64"	\$3.00
No. 34371	M4 x 140		5-33/64"	\$3.00
No. 34377	M4 x 145		5-45/64"	\$3.00
No. 34372	M4 x 150		5-29/32"	\$3.00
No. 34378	M4 x 155		6-7/64"	\$3.00
No. 34373	M4 x 172		6-49/64"	\$3.00
No. 34379	M4 x 177		6-31/32"	\$3.00
No. 34398	M4 x 185		7-9/32"	\$3.00
No. 34380	M4 x 190		7-31/64"	\$3.00
No. 34381	M4 x 195		7-43/64"	\$3.00

No. 34374	M4 x 205	8-5/64"	\$3.00
No. 34382	M4 x 210	8-17/64"	\$3.00
No. 34386	M4 x 225	8-55/64"	\$3.00
No. 34383	M4 x 230	9-1/16"	\$3.00
No. 34384	M4 x 235	9-1/4"	\$4.50
No. 15705	M4 x 240	9-29/64"	\$4.50
No. 34394	M4 x 242	9-17/32"	\$3.50
No. 34385	M4 x 247	9-23/32"	\$4.50
No. 15706	M4 x 250	9-27/32"	\$4.50
No. 34395	M4 x 255	10-3/64"	\$4.50
No. 34233	M4 x 260	10-15/64"	\$4.50
No. 34396	M4 x 275	10-53/64"	\$4.50
No. 34387	M4 x 280	11-1/32"	\$4.50
No. 10064	M4 x 285	11-7/32"	\$4.50
No. 32956	M4 x 290	11-27/64"	\$4.50
No. 11716	M4 x 320	12-19/32"	\$4.50
No. 30438	M4 x 360	14-11/64"	\$5.00
No. 10060	M5 x 235	9-1/4"	\$5.00

Lead Weight Fillers



4-1/2 lbs. Grandmother lead filler.

No. 13933 ... 1-1/2"D x 6-3/8"L **\$33.00**

3-3/4 lbs. Vienna lead filler.

No. 13907 . 1-5/8"D x 4-5/16"L **\$24.50**

5 lbs. #2 Regulator lead filler.

No. 13908 ... 1-5/8"D x 5-7/8"L **\$29.50**

6-1/4 lbs. #3 Regulator lead filler.

No. 22662 ... 1-3/4"D x 5-7/8"L **\$43.50**

7-1/2 lbs. Grandfather lead filler.

No. 13932 .. 2-1/4"D x 4-5/8"L **\$46.50**

9.9 lbs. Grandfather lead filler.

No. 13934 .. 2-1/4"D x 6-3/8"L **\$59.50**

Lead Weight Fillers



Part #	Filler Diameter	Fits Shell Diameter	Filler Height
1/2 lb. Round Lead Fillers			
No. 23576	38.0mm	40mm	3/4"
No. 23577	41.4mm	45mm	5/8"
No. 23578	48.4mm	50mm	1/2"
No. 23579	54.0mm	60mm	3/8"
\$8.50 each			
1 lb. Round Lead Fillers			
No. 26006	38.0mm	40mm	1-9/16"
No. 26007	41.4mm	45mm	1-3/8"
No. 26008	48.4mm	50mm	7/8"
No. 26009	54.0mm	60mm	3/4"
\$14.50 each			

Fillers to fit 2-3/8" (60mm) weight shell.

No. 26022 2 lbs. 1-9/16"H **\$24.00**

No. 26003 3 lbs. 2-3/8"H **\$32.00**

No. 26004 4 lbs. 2-3/4"H **\$42.00**

No. 26005 5 lbs. 4"H **\$52.00**

No. 26023 6 lbs. 4-7/8"H **\$60.00**

Clock Parts: Weight Shells & Weight Shell Assemblies



Banded Brass Finish



Brushed Brass Finish



Etched Brass Finish



Polished Brass Finish



Domed Polished Brass Finish



Brushed Silver Finish



Straight Edge Caps



Round Edge Caps



Domed Caps

**Largest Selection
In The Industry!**

Clock Parts: Weight Shells Only

Each weight shell includes a threaded center rod, two end caps, top hook and bottom nib. Shells have a 1.0mm wall thickness. All are plated stainless steel tubes. Weight fillers are not included. Note: End cap style indicated may not always be available.

Part #	OD x Length (MM)	OD x Length (Inches)	Features	Price Each
Banded Brass No. 29402	60mm x 245mm	2-3/8" x 9-5/8"	Round edge caps	\$35.00
Brushed Brass No. 32129	60mm x 245mm	2-3/8" x 9-5/8"	Straight edge caps	\$42.50
Etched Brass No. 02777	40mm x 225mm	1-9/16" x 8-7/8"	Straight edge caps	\$41.50
No. 32126	48mm x 225mm	1-7/8" x 8-7/8"		
No. 32127	60mm x 245mm	2-3/8" x 9-5/8"	Straight edge caps	\$38.50
No. 32669	61mm x 245mm	2-3/8" x 9-5/8"	Round edge caps	\$40.00
Polished Brass No. 29543	32mm x 135mm	1-1/4" x 5-5/16"	Straight edge caps	\$16.50
No. 32680	38mm x 235mm	1-1/2" x 9-1/4"	Round edge caps	\$21.50
No. 13931	42mm x 232mm	1-5/8" x 9-1/8"	Straight edge caps	\$27.50
No. 32741	42mm x 264mm	1-5/8" x 10-3/16"	Straight edge caps	\$30.00
No. 32743	48mm x 225mm	1-7/8" x 7-1/16"	Straight edge caps	\$24.00
No. 32744	48mm x 225mm	1-7/8" x 8-7/8"	Straight edge caps	\$25.00
No. 23558	48mm x 245mm	1-7/8" x 9-5/8"	Round edge caps	\$25.50
No. 29403	48mm x 280mm	1-7/8" x 11"	Round edge caps	\$26.00
No. 32673	51mm x 245mm	2" x 9-5/8"	Round edge caps	\$26.50
No. 13930	60mm x 245mm	2-3/8" x 9-5/8"	Round edge caps	\$27.50
	60mm x 245mm	2-3/8" x 9-5/8"	Round edge caps	
No. 29544	60mm x 280mm	2-3/8" x 11"	Round edge caps	\$30.00
Polished Brass No. 18222	60mm x 310mm	2-3/8" x 12-3/16"	Domed end caps	\$48.00
No. 29545	60mm x 350mm	2-3/8" x 13-13/16"	Domed end caps	\$49.50
Brushed Silver No. 29401	60mm x 245mm	2-3/8" x 9-5/8"	Straight edge caps	\$27.50

Weight Shell Assemblies

Each weight shell assembly includes a threaded center rod, two end caps, top hook, bottom nib and weight filler as indicated.

Part #	Weight (lbs.)	Price Each
No. 29404	7-1/2	\$72.00
No. 32157	7-1/2	\$79.50
No. 32158	4-1/2	\$67.50
No. 32159	7-1/2	\$79.50
No. 32762	7-1/2	\$79.50
N/A	-	-
N/A	-	-
No. 13929	4-1/2	\$58.50
No. 32768	4-1/2	\$62.00
No. 32770	4-1/2	\$51.50
No. 32771	4-1/2	\$56.50
No. 23659	4-1/2	\$61.00
No. 13771	4-1/2	\$61.50
No. 32774	4-1/2	\$62.00
No. 13928	7-1/2	\$72.00
No. 13935	9.9	\$82.00
No. 13796	7-1/2	\$73.50
No. 18221	7-1/2	\$78.50
No. 14603	7-1/2	\$81.00
No. 29400	7-1/2	\$71.00

Weights & Related

Early American Tall Case Tin Weight Shells



With a wood plug top and cotter key hook.
Fillers not included.

No.	Dia.	Height	Price
No. 23596	2-1/8"	6-3/4"	\$16.00 each
No. 23597	2-1/2"	6-7/8"	\$16.00 each

Weight Shell Assembly - #2 Regulator



Brass shell with lead insert. 6-1/4" long x 1-3/4" diameter. 5 pounds. Ready to polish.

No. 13903	\$63.50 each
#2 Regulator Weight Shell Only	
No. 13924	\$35.50 each
#2 Regulator Lead Filler-5 Lbs.	
No. 13908	1-5/8"D x 5-7/8"L \$29.50

Vienna Weights - Lead Filled



Quality brass Vienna weight with lead fillers and top hook. Polishing required.

No. 19946	1-1/2" x 4"	2.55 lbs	\$34.00
No. 19947	1-5/8" x 4-1/4"	3.25 lbs	\$36.00
No. 19948	1-3/4" x 4-1/2"	4.05 lbs	\$38.00
No. 22858	1-3/4" x 6-1/4"	5.10 lbs	\$45.00
No. 22853	2" x 6"	7.15 lbs	\$52.00

Vienna Weight With Lead



Brass shell with lead insert. 4-1/2" long x 1-3/4" diameter. 3-3/4 pounds. Ready to polish.

No. 13900	\$42.00 each
Vienna Shell Only	
No. 13904	\$19.00 each
Lead Weight Filler-3-3/4 Lbs.	
No. 13907	1-5/8" x 4-5/16" \$24.50

Banjo Weight



6-1/4" long x 2-1/2" wide tapered lead weight with hook. 6-1/2 lbs.

No. 13946	\$39.50 each
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Banjo Weight -



6-5/8" long x 2-1/4" wide x 1-1/2" deep lead weight with hook. 7 lbs.

No. 23609	\$46.50 each
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Cast Cuckoo Clock Weights



Bronzed. 454 grams = 1 pound.

No. 20670	80 Grams	\$5.25 each
No. 19717	150 Grams	\$7.00 each
No. 19718	200 Grams	\$7.00 each
No. 13909	250 Grams	\$7.00 each
No. 13942	320 Grams	\$8.00 each
No. 26011	350 Grams	\$10.00 each
No. 13925	375 Grams	\$10.00 each
No. 13911	420 Grams	\$10.00 each
No. 13912	500 Grams	\$11.50 each
No. 19719	630 Grams	\$14.50 each
No. 13915	750 Grams	\$16.50 each
No. 13943	875 Grams	\$19.00 each
No. 13917	1000 Grams	\$19.50 each
No. 19720	1170 Grams	\$25.50 each
No. 26012	1350 Grams	\$30.50 each
No. 13920	1500 Grams	\$35.00 each
No. 13921	1750 Grams	\$37.50 each

Wood Cuckoo Weights



Beautifully hand carved. Dark walnut finish.

No. 34014	5-5/8"	\$5.50 each
No. 34013	6-1/8"	\$5.50 each

Lead Donut Counterweight



1-3/4" diameter, 4-1/2 oz. For endless chain grandfather clocks.

No. 11710	\$6.00 each
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8-Day Cast Iron Weight



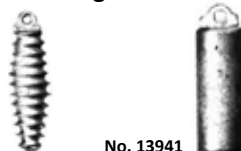
5" tall x 3" wide x 2" D. With top hook.	
No. 13923	7-1/4 lbs. \$38.00 each
5-1/2" tall x 3" W x 2-1/2" D. With top hook.	
No. 22660	8-1/2 lbs. \$47.50 each

Howard #70 Cast Iron Weight



4-1/2" tall x 6-1/8" wide x 1-1/2" deep.	
No. 19839	9-1/2 lbs \$49.50 each

Lux & Keebler Weights



No. 13940	\$2.00 each
Cast lead. Painting required.	
No. 13940	7/8" Pine Cone \$2.00 each
No. 13941	5/8" Cylinder \$2.00 each

Morbier Cast Iron Weight



9" tall x 2-3/4" diameter. With top hook.	
No. 20231	10-1/2 lbs. \$52.00 each

German Novelty Weights



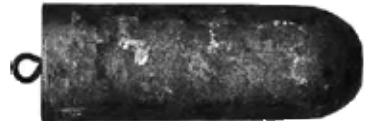
2-piece set of 2" brass chains with weights.	
No. 17688	1" Long Acorn \$5.25 set

OG" Cast Iron Alarm Alarm Weight



2-7/8" tall x 1-7/8" diameter. With top hook.	
No. 13927	1 lb. \$12.50 each

30-Hour Cast Iron Tall Case Weight



6-1/2" tall x 2-1/2" diameter. With hook.	
No. 20283	7-3/4 lbs. \$35.50 each

Cast Iron Tall Case Weight



7-1/4" long x 2-3/4" dia. With top hook.	
No. 22658	10.5 lbs. \$54.50 each
10-3/8" long x 2-7/8" dia. With top hook.	
No. 20493	14-1/2 lbs. \$67.50 each

30-Hour Cast Iron Weight



2-1/8" diameter x 3-1/2" tall. With hook.	
No. 13922	3 lbs. \$21.50 each
2-1/2" diameter x 3-3/4" tall. With hook.	
No. 22659	4-1/4 lbs. \$25.50 each

Wag On The Wall Cast Iron Weight



4-5/8" tall x 2" diameter. 2 lbs. 14 oz.	
No. 20282	\$18.50 each

Zandaam Weights - Gold Painted



No. 26010	380 grams \$22.50 each
No. 18282	1000 grams \$29.50 each

Weights & Related

Weight Bag

*Weights
Not
Included*



**Timesavers
Exclusive!**

Durable partitioned canvas bag. Carries 3 weights up to 2-3/4" diameter. 8-3/4" deep so long weights will not fall out. 15" W x 16-1/2" T. 12" straps. Room for small parts and tools.

No. 13801 **\$38.00 each**

Eyellet Weight Hook



Brass with M5 thread. 8mm long thread. Was \$3.00. While supplies last.

No. 02779 **\$1.00 each**

Weight Hooks - Brass



No. 12184	No. 12379	No. 12188	
	#5-40		
No. 12184	#8-32 5/8" Vienna		\$3.00
No. 12379	7/8" With Screw		\$3.00
No. 12188	7/8" With Screw		\$3.50

Kieninger Weight Hook & Nib - Brass



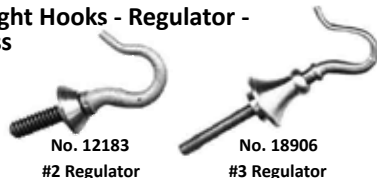
M4 threads.
No. 22952 Hook **\$3.00 each**
No. 22966 Nib **\$2.00 each**

Grandfather Weight Nib - Brass



#8-32 thread.
No. 12187 **\$2.00 each**

Weight Hooks - Regulator - Brass



#5-40 thread
No. 12183 1" **\$4.50 each**
No. 18906 2-1/8" **\$7.00 each**

Cuckoo Chain Hook - Steel



7/8" tall. Old style.
No. 30983 **\$2.75 each**

Weight Hooks For Cast Iron Weights - Steel



Use securely with threaded inserts.
No. 32914 #6-32 Thread Small **\$1.25**
No. 32915 #8-32 Thread Medium **\$1.25**
No. 32981 #8-32 Thread Large **\$1.25**

Weight Hook - Tall Case - Steel



1-5/8" long. #10-32 thread.
No. 18391 **\$2.00 each**

Machine Screw/Wood Screw - Steel



1" long. 3/8" long #8-32 machine screw thread on one end that goes into a tapped hole. #8 wood screw thread on the other goes into wood. 2-piece pack.
No. 29535 **\$1.50 pack**

Weight Hooks & Nibs



No. 11679	No. 20117	No. 11680	No. 17686	No. 20404	No. 17687
No. 32357		No. 32358	No. 23811	No. 32355	No. 23812
No. 34215			No. 32115	No. 32701	
No. 32116					
No. 90290			No. 33971	No. 32356	
			No. 33983	No. 32702	
				No. 33982	
				No. 33984	

Note: Styles may vary slightly. Gold finished aluminum. M2.5 internal threads.

No. 32355 5/8" Loop **\$1.25 each**
No. 32356 5/16" Nib **\$1.00 each**

Gold finished aluminum. M3 internal threads.
No. 32701 11/16" Loop **\$1.25 each**
No. 32702 5/16" Nib **\$1.00 each**

Brass with M3 internal threads.
No. 33983 11/16" Hook **\$2.00 each**
No. 33984 5/16" Nib **\$1.75 each**

Brass with M3.5 internal threads.
No. 90290 1/4" Nib **\$1.50 each**

Brass with M4 external threads.
No. 34215 5/16" Hook **\$2.00 each**

Brass with M4 internal threads.
No. 17686 5/8" Hook **\$4.00 each**
No. 20404 5/8" Loop **\$3.50 each**
No. 17687 5/16" Nib **\$2.50 each**

Silver finish with M4 internal threads.
No. 32115 5/8" Hook **\$2.50 each**
No. 32116 5/16" Nib **\$2.25 each**

Brass with M5 external threads. For Hermle and other shells.
No. 11679 15/16" Hook **\$2.00 each**
No. 20117 5/8" Loop **\$2.50 each**
No. 11680 1/2" Nib **\$1.75 each**

Brass with M5 internal threads.
No. 23811 5/8" Hook **\$2.00 each**
No. 23812 5/16" Nib **\$1.75 each**

Brass with M6 internal threads.
No. 33971 5/8" Hook **\$2.50 each**
No. 33982 5/16" Nib **\$2.25 each**

Brass with M6 external threads.
No. 32357 1" Hook **\$2.50 each**
No. 32358 5/16" Nib **\$2.25 each**

Weight Shell Sock

Expandable sock for protecting and transporting weight shells up to 11" long.
No. 34238 **\$2.25 each**

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Expandable sock for protecting and transporting weight shells up to 11" long.
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Weight Shell Sock

Expandable sock for protecting and transporting weight shells up to 11" long.
No. 34238 **\$2.25 each**

Weight Hook Repair Kit



Drill a 5/16" hole in the end of a lead filled weight, insert the hexagon fitting, install brass disc, then screw in the brass hook.

No. 20750 1-1/2" Disc **\$6.00 set**
No. 20751 1-5/8" Disc **\$6.00 set**
No. 20752 1-3/4" Disc **\$6.00 set**

No. 33062 2" Disc **\$6.00 set**
No. 33063 2-1/4" Disc **\$6.00 set**

Wheels, Gears & Cams

Urgos UW-32 Time Cable Drum



Includes cable, cable guard, drum and ratchet.
No. 33138 Time **\$22.50 each**

Urgos UW-32 Cable Drum



Includes cable, cable guard, drum and ratchet.
No. 33139 Strike **\$25.00 each**

Actuating Wheel - Hammer & Bellows



Lifts the hammer and the bellows lift levers. Complete with set screw.
No. 20764 **\$3.50 each**

Calendar Wheel - Grandfather



Brass. 31-tooth. 40.0mm diameter. Used behind dial on tall case clocks. 8.7mm long arbor.
No. 12734 **\$12.50 each**

Calendar Wheel - 31-Day - Brass



31-tooth. Can shorten. 35.0mm dia.
No. 10851 **\$7.50 each**

Cam Gear - Chime Release



Fits Hermle movements.
No. 19835 **\$3.00 each**

Cam Gear - Regula



Strike actuating. For 1-day and 8-day cuckoo movements.
No. 20917 **\$4.00 each**

Westclox Alarm Center Wheel




Original Westclox material. 1.290" wheel diameter x 1.787 arbor. Used on Big Ben Alarms and others. **Was \$10.00. While supplies last.**
No. 01991 **\$5.00 each**

Wheels, Gears & Cams

Count Wheel - Brass

2-9/16" diameter.  **No. 11506** \$7.50 each

Count Wheel Retainer-Brass

 **No. 11503** \$1.00 each


Drive Wheels - Regula

 **No. 20921** Plastic. Used on time side ratchet wheels on Regula #25 movements. **\$1.25 each**
 **No. 20920** Used on 1-day and 8-day Regula center shafts. **\$1.25 each**

Wheel Blanks

 1/2-hard leaded brass. For cutting gears.
No. 18724 1.45" Dia. .063" Thick **\$4.50**
No. 18723 1.55" Dia. .063" Thick **\$4.50**
No. 18721 1.90" Dia. .063" Thick **\$4.50**
No. 18720 2.60" Dia. .093" Thick **\$6.50**

Escape Wheel & Hub - Tall Case


 30-tooth. Brass, 1.78" (45.4mm) diameter. **No. 18387** \$12.50 each

Escape Wheel - Brass




	Wheel Dia.	# Of Teeth	
No. 11525	27mm	27	\$7.00
No. 10820	30mm	30	\$7.00
No. 10821	30mm	31	\$7.00
No. 10822	30mm	32	\$7.00
No. 10824	33.5mm	34	\$7.00
No. 10826	32mm	36	\$7.00
No. 10828	32mm	38	\$7.00
No. 10829	32mm	39	\$7.00
No. 10830	32mm	40	\$7.00
No. 10831	33mm	41	\$7.00
No. 10832	34mm	42	\$7.00
No. 11529	34mm	48	\$7.00

Escape Wheel - # 2 Regulator - Brass

 40-tooth, 1-11/16" (43.0mm) diameter. **No. 10461** \$10.50 each

Escape Wheels - Regula - Brass

 Cuckoo wheels with steel cut pinions.
No. 20772 #25 1 Day **\$4.50**
No. 20773 #34 8 Day W/Dancers **\$4.50**
No. 20774 . #34 8 Day W/O Dancers **\$4.50**

Escape Wheel - Schatz #49 - Closeout

 Schatz part #49-11. Was \$12.00. **No. 00264** \$4.00 each


Escape Wheels - Urgos

 **No. 32895**  **No. 32896**
 30-tooth wheels mounted on arbors. For current production Urgos movements.
No. 32895 For UW32 **\$18.50 each**
No. 32896 For UW03 **\$18.50 each**


Urgos Auto Beat Escape Wheel

 UW-03 brass wheel 34.0mm OD x 1.2mm thick with 3.5mm mounting hole. **No. 34184** \$33.50 each

Escape Wheel - Brass

 30-tooth. For tall case 30-hour movements. 41.5mm OD x 6.5mm ID x 1.7mm thick. **No. 29705** \$6.00 each


Escape Wheel Bridge - Brass

 Drilled and bent to shape. 1-1/2" long. **No. 11504** \$1.75 each

First Wheels - Kundo - Closeout

 **No. 01897**  **No. 11898**
 Used on Kundo Junior Was \$12.00.
No. 01897 13mm Dia. x 25.8mm Arbor #02-19 **\$6.00**
No. 01898 26mm Dia. x 25.8mm Arbor #02-15 **\$6.00**


Hour Wheel - Kundo - Closeout

 Used on Kundo motion works. Brass. 16.5mm diameter x 10.8mm long. Was \$8.00. **No. 01910** \$4.00 each

Hour Wheel - Urgos UW21 - Brass - Closeout

 29mm diameter 70-tooth. 2-1/4" overall length. Was \$18.00. **No. 01333** \$7.50 each

Main Wheel - Brass

 2-13/16" diameter with 84 teeth. **No. 11507** \$7.50 each

Moon Drive Gears - Hermle

 Brass. No set screws.
No. 19833 20 Teeth 7.5mm Hole **\$6.00**
No. 19827 20 Teeth 5.0mm Hole **\$6.00**
No. 19826 30 Teeth 5.0mm Hole **\$6.00**

Second Wheels - Hermle

 **#340-020** 29.0mm Dia. x 36.3mm long.
No. 14383 Strike 2nd Wheel 30.2mm Dia. x 36.3mm long.
No. 14384 Time 2nd Wheel 31.0mm Dia. x 36.3mm long.
No. 14385 Chime 2nd Wheel **#350-020, 1050-020, 350-060**
351-020, 351-030A, 351-051, 1052-020 29.0mm Dia. x 36.3mm long.
No. 11670 Strike 2nd Wheel 31.0mm Dia. x 36.3mm long.
No. 14385 Chime 2nd Wheel **#350-020, 1050-020, 350-060**
351-020, 351-030A, 351-051, 1052-020 40.0mm Dia. x 36.3mm long.
No. 11671 Time 2nd Wheel **\$14.00 each**

Second Wheel - Kundo - Closeout

 Used on Kundo Standard. Was \$12.00. **No. 01901** 26mm Dia. x 33.6mm Arbor #01-16 **\$6.00**

Third Wheel - Kundo - Closeout

 Used on Kundo Standard. Was \$12.00. **No. 01904** 26mm Dia. x 33.6mm Arbor #01-17 **\$6.00**


Third Wheels - Kundo - Closeout

 Used on Kundo Junior Was \$12.00.
No. 01902 16.5mm Dia. x 26mm Arbor Old #02-17 **\$6.00**
No. 01903 16.5mm Dia. x 26mm Arbor New #02-17 **\$6.00**

Brass Winding Gear

 26.0mm OD x 3.15mm thick. 22 teeth. 4.5mm square mounting hole. Old H-17 part number designation. Was \$8.00. While supplies last. **No. 01953** \$3.00 each

Ratchet Wheel - Hermle

 Nicked. 16.3mm diameter with 14 teeth. **No. 15986** \$3.00 each

Clock Gears, Intermediate Wheels & Ratchet Wheels



Most are made of hard brass, except as noted. Some are plated as indicated. Remember when selecting a ratchet wheel, the number of teeth is not critical. **Regularly \$6.00 – \$25.00 each.**

Part #	OD	Thickness	# Of Teeth	Mounting Hole	Material	Style	Price
No. 00743	22.42mm	2.5mm	22	4.8mm Square	Brass	2	\$10.00
No. 00740	26.0mm	3.0mm	22	4.5mm Square	Brass	2	\$11.00
No. 00736	31.0mm	2.5mm	30	3.5mm Square	Brass	2	\$12.00
No. 00747	16.5mm	1.9mm	14	9.5mm Arbor	Brass	3	\$12.00
No. 00748	8.0mm	3.0mm	18	3.0mm Square	Brass	1	\$3.50
No. 00749	9.0mm	3.0mm	18	3.0mm Square	Brass	1	\$3.50
No. 00750	10.0mm	3.0mm	22	3.0mm Square	Brass	1	\$3.50
No. 00757	11.0mm	1.8mm	16	4.0mm Square	Brass	1	\$3.50
No. 00751	11.0mm	3.0mm	22	3.0mm Square	Brass	1	\$3.00
No. 00739	11.5mm	2.0mm	13	3.2mm Square	Brass	1	\$3.00
No. 00758	12.0mm	2.0mm	16	3.2mm Square	Brass	1	\$3.00
No. 00759	12.0mm	3.0mm	13	3.0mm Square	Brass	1	\$3.00
No. 00752	12.0mm	3.0mm	22	3.0mm Square	Brass	1	\$3.00
No. 00754	12.5mm	2.4mm	14	3.0mm Square	Brass	1	\$3.00
No. 00760	13.5mm	1.6mm	18	3.0mm Square	Brass	1	\$3.00
No. 00775	13.5mm	1.9mm	12	4.0mm Square	Nickel	1	\$3.00
No. 00755	13.5mm	1.9mm	14	4.0mm Square	Nickel	1	\$3.00
No. 00762	13.5mm	1.9mm	16	4.0mm Square	Brass	1	\$3.00
No. 00764	14.0mm	2.0mm	18	3.2mm Square	Brass	1	\$3.00
No. 00753	16.5mm	2.0mm	12	4.0mm Square	Nickel	1	\$4.00
No. 00763	13.5mm	1.0mm	20	6.0mm Oblong	Brass	4	\$4.50
No. 00765	14.0mm	2.0mm	18	6.5mm Oblong	Brass	4	\$4.50
No. 00774	14.25mm	2.0mm	10	4.8mm Oblong	Black Steel	4	\$4.50
No. 00766	14.5mm	2.0mm	10	5.0mm Oblong	Brass	4	\$4.50
No. 00770	17.0mm	2.0mm	18	6.0mm Oblong	Brass	4	\$5.50
No. 01953	26.0mm	3.15mm	22	4.5mm Square	Brass	2	\$3.00

Ratchet Wheels - Brass



When selecting a ratchet wheel keep in mind the number of teeth is not critical. **No. 19844** thru **No. 19848** are 2mm thick. **No. 19849** thru **No. 19852** are 3mm thick.

	OD	Sq. Hole	# Of Teeth
No. 19844	12mm	2mm	16
No. 19845	13mm	2mm	14
No. 19846	14mm	3mm	18
No. 19847	15mm	3mm	18
No. 19848	16mm	3mm	18
No. 19849	17mm	3mm	20
No. 19850	18mm	3mm	20
No. 19851	19mm	3mm	21
No. 19852	20mm	3mm	22
\$4.50 each		\$12.75/ 3 (\$4.25)	

Gilbert Pinion - Brass



For Gilbert mantel clock movements. .50" (12.7mm) diameter. .158" (4.0mm) undersized center hole to assist in fitting. 12 teeth.
No. 20805 **\$18.50 each**

Gear Hub



10.6mm (.420") D x 2.5mm (.100") T. Mounts on arbor. 1.7mm (.07") diameter center hole.
No. 12373 **\$1.25 each**

Steel Arbor



Steel arbor are semi-finished.
No. 10582 .. 1-5/8" L x .100" D **\$2.00 each**
No. 10583 2" L x .115" D **\$2.00 each**

Seth Thomas #2 Arbors

Used on verge arbors and older ST #2. Was \$2.50. While supplies last.
No. 02788 . .109" (7/64") Dia. x 1.93" long **\$1.25**
No. 02795109" (7/64") Dia. x 2" long **\$1.25**
No. 02789 .109" (7/64") Dia. x 2-1/4" long **\$1.25**

8-Leaf Pinion Assembly



1-11/16" long. Configured for many kitchen clock movements. India.
No. 29463 **\$3.50 each**

Lantern Pinion Assemblies



2" long. Brass hub for wheel mounting. Brass caps carry steel pinions. Change pendulum drops and replace missing or broken pinions.
No. 10846 6-Leaf **\$4.00 each**
No. 10847 7-Leaf **\$4.00 each**
No. 10848 8-Leaf **\$4.00 each**
No. 10849 9-Leaf **\$4.00 each**

Ratchet Wheel Coil Springs - Cuckoo



No. 10567 Left Time **\$1.00 each**
No. 10568 Right Strike **\$9.00/ 12 (75¢)**

Ratchet Wheel Repair Kits - Cuckoo



No. 10528 Small click **\$3.50 set**
No. 30984 Large click **\$3.75 set**
No. 11696 Detent Type **\$4.00 set**

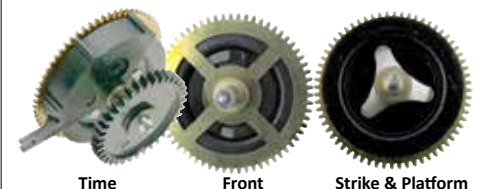
Drive Wheel - Music Movement



For 2-tune music movements. Uses our **No. 19613** chain (not included).
No. 15920 **\$9.00 each**

Ratchet Wheels - Cuckoo Clock Regula

Pendulum drops shown in centimeters. Direction of ratchet wheel rotation is indicated with the brass gear facing the viewer. Chain guards may or may not be provided. CW = clockwise, CCW = counterclockwise.



1-Day Regula #25 Cuckoo Movements:
No. 10659 Time 19.5 (7.7") CCW **\$9.00**
No. 20775 ... Time 23.5 (9.25") CCW **\$9.00**
No. 20776 . Time 28.5 (11.25") CCW **\$9.00**
No. 10663 Strike CW **\$9.00**
No. 20777 Platform CW **\$9.00**
8-Day Regula #34 Cuckoo Movements:
No. 10652 Time CW **\$11.00**
No. 20778 Strike CW **\$11.00**
No. 32826 Platform CCW **\$11.00**

Ratchet Type Chain Wheels

These new/old stock obsolete wheels are used on a variety of cuckoo, wall and hall clocks.

Special Buy

Regularly

\$8.00 to

\$10.00 each



Part #	No. 33631	No. 33629	No.33638	No. 33644	No. 33639	No. 33645	No. 33632
Brass wheel dia.	33.0mm	35.0mm	35.0mm	35.0mm	35.0mm	35.0mm	37.0mm
Number of teeth	64	66	66	66	66	66	72
Length of arbor	31.0mm	39.5mm	27.5mm	27.5mm	27.5mm	39.5mm	27.5mm
Price	\$4.50 each	\$4.50 each	\$4.50 each	\$5.00 each	\$4.50 each	\$4.50 each	\$5.00 each

Special Buy

Regularly

\$8.00 to

\$10.00 each



Chain Gears For German Movements

As viewed from the front (as shown in image), these wind either clockwise (CW) or counter clockwise (CCW). Germany.

Part #	No.33630	No. 33636	No. 33640	No. 33632	No. 00645	No. 00647	No. 00648
Brass wheel dia.	37.0mm	37.0mm	37.0mm	37.0mm	51mm	51mm	51mm
Number of teeth	72	60	72	72	40.0mm	40.0mm	46.0mm
Length of arbor	27.5mm	29.0mm	29.0mm	27.5mm	CW	CW	CCW
Price	\$5.00 each	\$5.00 each	\$4.50 each	\$5.00 each	\$12.00 each	\$12.00 each	\$12.00 each

Wheels, Gears & Cams



Typical Front No. 33070 Back No. 33069 Back

1-Day Regula #35 Cuckoo Movements:

No. 33070 Time CCW **\$11.00**

No. 33069 Strike CW **\$11.00**



Typical Front Typical Back No. 32830 Back

Same as above but with chain guards to prevent chains from coming off the wheel.

No. 32827 Time CW **\$12.00**

No. 32829 Strike CW **\$12.00**

No. 32830 Platform CCW **\$12.00**

Amplifiers & Related

TimeTrax Model 60 Beat Amplifier With PC/Smartphone Interface



Improved

Upgraded with a Model 20 clip-on sensor, 2 interface cables for PC/Smartphones, instrument recorder, and oscilloscope. Sensitive high gain speaker. Detects ticking sounds from a mechanical escapement. Accommodates headphones. Compatible with Timetrax Model 100. Molded case with anodized aluminum outer shell. Digitally controlled gain control allows adjustment of sound level. Uses 3 "AA" batteries, not included.

No. 15408 **\$65.00 each**

Mechanic's Stethoscope



Automotive device is adaptable to clock repair. Check clock beats. Sensitive ear pieces. Metal probe extends to 11-3/4" for hard to reach spots. Heavy duty vinyl tubing. Shockproof ABS handle. China.

No. 29110 **\$13.50 each**

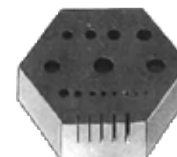
Anvils & Stakes

Anvil



3/4" thick x 2-1/4" diameter. 22 holes measuring 0.2mm-4.0mm (.008"-.158"). India.

No. 32816 **\$7.50 each**



For staking, riveting and hammering small parts. 15 holes from 2.5mm to 6.0mm and 5 slots. 11/16" thick x 1-7/8" across flats. India.

No. 13449 **\$10.50 each**

**View Chain On
Page #24**

Wheel Blank Discs

A Timesavers exclusive! CZ120 brass, also known as engraving brass. With a 2% lead addition to provide free-cutting properties.



Part #	Diameter Inch	Diameter MM	Thickness Inch	Thickness MM	Price	Part #	Diameter Inch	Diameter MM	Thickness Inch	Thickness MM	Price
No. 33800	1"	25.4mm	.0394"	1.0mm	\$3.25	No. 33830	2-1/4"	57.15mm	.0394"	1.0mm	\$5.00
No. 33801	1"	25.4mm	.049"	1.25mm	\$3.50	No. 33831	2-1/4"	57.15mm	.049"	1.25mm	\$5.25
No. 33802	1"	25.4mm	.059"	1.5mm	\$3.75	No. 33832	2-1/4"	57.15mm	.059"	1.5mm	\$5.50
No. 33803	1"	25.4mm	.079"	2.0mm	\$4.00	No. 33833	2-1/4"	57.15mm	.079"	2.0mm	\$6.00
No. 33804	1"	25.4mm	.0984"	2.5mm	\$4.25	No. 33834	2-1/4"	57.15mm	.0984"	2.5mm	\$7.00
No. 33805	1"	25.4mm	.125"	3.175mm	\$4.75	No. 33835	2-1/4"	57.15mm	.125"	3.175mm	\$8.00
No. 33806	1-1/4"	31.75mm	.0394"	1.0mm	\$3.50	No. 33836	2-1/2"	63.5mm	.0394"	1.0mm	\$5.50
No. 33807	1-1/4"	31.75mm	.049"	1.25mm	\$3.75	No. 33837	2-1/2"	63.5mm	.049"	1.25mm	\$5.75
No. 33808	1-1/4"	31.75mm	.059"	1.5mm	\$4.00	No. 33838	2-1/2"	63.5mm	.059"	1.5mm	\$6.00
No. 33809	1-1/4"	31.75mm	.079"	2.0mm	\$4.25	No. 33839	2-1/2"	63.5mm	.079"	2.0mm	\$6.50
No. 33810	1-1/4"	31.75mm	.0984"	2.5mm	\$4.50	No. 33840	2-1/2"	63.5mm	.0984"	2.5mm	\$7.50
No. 33811	1-1/4"	31.75mm	.125"	3.175mm	\$5.00	No. 33841	2-1/2"	63.5mm	.125"	3.175mm	\$9.00
No. 33812	1-1/2"	38.1mm	.0394"	1.0mm	\$3.75	No. 33842	2-3/4"	69.85mm	.0394"	1.0mm	\$6.00
No. 33813	1-1/2"	38.1mm	.049"	1.25mm	\$4.00	No. 33843	2-3/4"	69.85mm	.049"	1.25mm	\$6.25
No. 33814	1-1/2"	38.1mm	.059"	1.5mm	\$4.25	No. 33844	2-3/4"	69.85mm	.059"	1.5mm	\$6.50
No. 33815	1-1/2"	38.1mm	.079"	2.0mm	\$4.50	No. 33845	2-3/4"	69.85mm	.079"	2.0mm	\$7.00
No. 33816	1-1/2"	38.1mm	.084"	2.5mm	\$5.00	No. 33846	2-3/4"	69.85mm	.0984"	2.5mm	\$8.50
No. 33817	1-1/2"	38.1mm	.125"	3.175mm	\$5.50	No. 33847	2-3/4"	69.85mm	.125"	3.175mm	\$10.00
No. 33818	1-3/4"	44.5mm	.0394"	1.0mm	\$4.25	No. 33848	3"	76.2mm	.0394"	1.0mm	\$7.00
No. 33819	1-3/4"	44.5mm	.049"	1.25mm	\$4.50	No. 33849	3"	76.2mm	.049"	1.25mm	\$7.25
No. 33820	1-3/4"	44.5mm	.059"	1.5mm	\$4.75	No. 33850	3"	76.2mm	.059"	1.5mm	\$7.50
No. 33821	1-3/4"	44.5mm	.079"	2.0mm	\$5.00	No. 33851	3"	76.2mm	.079"	2.0mm	\$8.00
No. 33822	1-3/4"	44.5mm	.0984"	2.5mm	\$5.50	No. 33852	3"	76.2mm	.0984"	2.5mm	\$9.00
No. 33823	1-3/4"	44.5mm	.125"	3.175mm	\$6.50	No. 33853	3"	76.2mm	.125"	3.175mm	\$11.50
No. 33824	2"	50.8mm	.0394"	1.0mm	\$4.50	No. 33854	3-1/4"	76.2mm	.0394"	1.0mm	\$8.00
No. 33825	2"	50.8mm	.049"	1.25mm	\$4.75	No. 33855	3-1/4"	76.2mm	.049"	1.25mm	\$8.50
No. 33826	2"	50.8mm	.059"	1.5mm	\$5.00	No. 33856	3-1/4"	76.2mm	.059"	1.5mm	\$9.00
No. 33827	2"	50.8mm	.079"	2.0mm	\$5.25	No. 33857	3-1/4"	76.2mm	.079"	2.0mm	\$10.00
No. 33828	2"	50.8mm	.0984"	2.5mm	\$6.00	No. 33858	3-1/4"	76.2mm	.0984"	2.5mm	\$11.00

Anvils & Stakes



9 holes 1.0mm to 4.0mm and 1 angle slot.
1/2" thick x 1-3/4" long. India.

No. 29252 \$10.00 each



1/2" thick x 1-7/8" diameter with 9 holes 3.3mm to 8.8mm. India.

No. 13448 \$7.50 each



15 holes are 1.0mm to 2.5mm diameter.
11/16" thick x 1-5/16" diameter. India.

No. 23902 \$7.50 each

Anvil - Horn



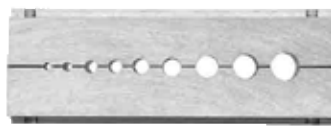
4-3/4" L x 1" W. Hardened and polished. India.
No. 15226 \$16.00 each

Anvil-Mini Jeweler



5-1/4" long x 1-11/16" wide x 2-1/2" tall. India.
No. 19582 \$13.00 each

Split Stake - Brass



1" W x 3" L. 1.5mm to 6mm. India.
No. 20049 9 holes \$20.00 each

Staking Set



25 assorted punches in a wood box. India.
No. 19584 \$125.00 set

Riveting Stakes



Hardened For punching or riveting holes. India
Hole diameters: .65mm to 2.75mm.
No. 14987 36 Small Holes \$4.50
Hole diameters: 1.0mm to 3.5mm.
No. 14988 36 Large Holes \$5.50

Broaches & Related

Tapered Cutting Broaches



Tempered steel for long life. Size listed is the largest diameter the broach cuts.

Part #	Stubs	Diameter	Length	Price
No. 23162	Q	.3350"	5"	\$34.00
No. 23168	A	.2360"	4-1/8"	\$22.50
No. 23169	2	.2170"	4-1/8"	\$22.00
No. 23170	4	.2066"	4-1/8"	\$22.00
No. 13804	5	.2045"	4-1/8"	\$18.50
No. 23171	8	.1970"	4-1/8"	\$16.00
No. 13805	10	.1930"	4-1/8"	\$15.50
No. 23172	12	.1870"	4"	\$15.00
No. 13806	15	.1850"	4"	\$15.00
No. 14681	16	.1771"	4"	\$12.50
No. 23173	18	.1675"	4"	\$12.00
No. 13807	20	.1615"	4"	\$12.00

Broaches & Related

No. 23186	22	.1575"	3-3/4"	\$12.00
No. 13808	26	.1475"	3-3/4"	\$10.75
No. 14682	28	.1377"	3-3/4"	\$10.00
No. 13809	30	.1260"	3-1/2"	\$9.50
No. 14683	31	.1181"	3-5/8"	\$8.50
No. 23187	32	.1141"	3-5/8"	\$7.75
No. 14684	35	.112"	3-1/2"	\$7.25
No. 13810	36	.1065"	3-1/4"	\$7.00
No. 23188	38	.1023"	3-1/4"	\$6.50
No. 13811	40	.0985"	3"	\$6.50
No. 14685	41	.0944"	3"	\$6.50
No. 23189	42	.0905"	3"	\$6.25
No. 23190	44	.0870"	2-3/4"	\$6.25
No. 13812	45	.0825"	2-3/4"	\$6.25
No. 23191	46	.0790"	2-3/4"	\$6.00
No. 13813	48	.0750"	2-1/2"	\$6.00
No. 13814	50	.0710"	2-1/2"	\$6.00
No. 13815	51	.0670"	2-1/2"	\$6.00
No. 13816	52	.0630"	2-1/2"	\$6.00
No. 14687	53	.0590"	2-3/8"	\$6.00
No. 13817	54	.0550"	2-1/4"	\$6.00
No. 13818	55	.0510"	2-1/4"	\$6.00
No. 23192	56	.0470"	2-1/4"	\$6.00
No. 13819	58	.0435"	2"	\$5.00
No. 13820	60	.0390"	2"	\$5.00
No. 13821	62	.0380"	2"	\$5.00
No. 23193	64	.0355"	2"	\$5.00
No. 13822	65	.0330"	2"	\$5.00
No. 23194	66	.0315"	1-3/4"	\$5.00
No. 13823	68	.0295"	1-3/4"	\$5.00
No. 13824	70	.0270"	1-1/2"	\$5.00
No. 14688	71	.0256"	1-1/2"	\$5.00
No. 13825	72	.0235"	1-1/2"	\$5.00
No. 23195	74	.0220"	1-1/2"	\$5.00
No. 13826	75	.0205"	1-1/2"	\$5.00
No. 23196	76	.0180"	1-7/16"	\$5.00
No. 23197	78	.0157"	1-1/4"	\$5.00
No. 14689	79	.0137"	1-1/4"	\$5.00
No. 13827	80	.0130"	1-7/16"	\$5.00

Tapered Smoothing Broaches

Used to smooth and burnish holes. The size listed is the largest diameter of the broach.

Part #	Stubs	Diameter	Length	Price
No. 14690	1	.2263"	4-1/4"	\$24.00
No. 23199	2	.2190"	4-3/4"	\$23.00
No. 19485	4	.2070"	4-3/4"	\$19.00
No. 23200	8	.1970"	4"	\$18.50
No. 23201	12	.1850"	4-3/4"	\$15.50
No. 23202	16	.1750"	4-3/4"	\$14.25
No. 23203	18	.1673"	4-1/8"	\$13.25
No. 23204	22	.1550"	3-3/4"	\$13.00
No. 14691	26	.1476"	3-3/4"	\$12.00
No. 23205	28	.1390"	3-1/2"	\$10.00
No. 14692	30	.1279"	3-3/4"	\$9.00
No. 14693	31	.1181"	3-5/8"	\$8.50
No. 14694	32	.1141"	3-9/16"	\$8.50
No. 14695	35	.1102"	3-1/2"	\$8.50
No. 14696	36	.1062"	3-1/2"	\$8.50
No. 23207	38	.1010"	3"	\$7.00
No. 23208	40	.0970"	3"	\$6.00

No. 14697	41	.0944"	3"	\$7.00
No. 14698	42	.0905"	3"	\$7.00
No. 23210	44	.0850"	2-3/4"	\$6.50
No. 14699	45	.0826"	2-7/8"	\$6.50
No. 14700	46	.0787"	2-7/8"	\$6.50
No. 23211	48	.0750"	2-1/2"	\$6.50
No. 14701	49	.0708"	2-5/8"	\$6.25
No. 14702	51	.0669"	2-9/16"	\$6.25
No. 23212	52	.0630"	2-1/2"	\$6.25
No. 14703	53	.0590"	2-3/8"	\$6.25
No. 23213	54	.0550"	2-1/4"	\$6.25
No. 14704	55	.0511"	2-1/4"	\$6.25
No. 14705	56	.0472"	2-1/8"	\$6.25
No. 23214	58	.0410"	1-7/8"	\$5.25
No. 14706	60	.0393"	2"	\$5.25
No. 23215	62	.0374"	1-7/8"	\$5.25
No. 23216	64	.0354"	1-7/8"	\$5.25
No. 23217	66	.0320"	1-3/4"	\$5.25
No. 14707	70	.0275"	1-9/16"	\$5.25
No. 23219	72	.0240"	1-1/2"	\$5.00
No. 23220	74	.0220"	1-1/2"	\$5.00
No. 14708	75	.0197"	1-3/8"	\$5.00
No. 23221	78	.0150"	1-1/4"	\$5.00
No. 23222	80	.0130"	1-1/4"	\$5.00

Swiss Cutting Broaches

5-sided. Quality Swiss made tempered steel. Warehouse find. While supplies last.

No.	Stubs	Dia.	Length	Was:	Now:
No. 01967	24	.1525"	5-5/8"	\$12.00	\$3.00
No. 01968	22	.1575"	5-5/8"	\$12.00	\$3.00

Broach Set - Bergeon



PVC handles eliminate the need for a pin vise. Steel alloy, ground and polished. 7 sizes in each container: Stubs sizes #32-#70 (0.69mm-3.53mm) (.027"-.114"). Swiss.

No. 14883 Cutting **\$68.50 set**

Broach Sets

Black plastic handles except No. 13411 which has no handles. Swiss.

Cutting Broach Sets

.05mm to .55mm/.002" to .022"	
No. 15788	..... 12-Piece Box Set \$48.00
.40mm to 1.40mm/.016" to .055"	
No. 29093	.... 6-Piece Pouch Set \$36.00
.60mm to 2.0mm/.0235" to .079"	
No. 15216	.... 6-Piece Pouch Set \$28.50
.70mm to 3.25mm/.0275" to .128"	
No. 13411	..... 6-Piece Tube Set \$33.50
1.20mm to 3.0mm/.047" to .118"	
No. 29097	..... 6-Piece Tube Set \$38.00
2.20mm to 6.0mm/.0865" to .236"	
No. 29095	..... 6-Piece Pouch Set \$66.50

Smoothing Broach Sets

.40mm to 1.40mm/.016" to .055"	
No. 29094	.... 6 Piece Pouch Set \$33.50
.60mm to 2.0mm/.0235" to .079"	
No. 19801	.... 6 Piece Pouch Set \$31.25

Large Broach Sets



6-piece set. Plastic handles. 2.40mm to 6.20mm (.094"-.244"). India.

No. 22921 Cutting **\$35.50 set**
No. 23827 Smoothing **\$42.50 set**

Broach Set - Cutting



6-piece set. Plastic handles in a pouch. 0.8mm to 2.3mm (.031"-.090"). India.

No. 17882 **\$16.25 set**

Broach Sets - Cutting



Economy 10-piece sets. India.

No. 19586 0.6mm to 0.80mm **\$8.00**
No. 29931 0.6mm to 1.60mm **\$8.00**
No. 23903 0.7mm to 2.30mm **\$10.00**
No. 19587 0.9mm to 4.00mm **\$16.00**
No. 19588 0.9mm to 4.00mm XL **\$19.50**

Cutting Broach Set - Winding Arbor



Quality 4-piece set. Perfect for winding arbor bushings. Large sizes: 7.0mm, 8.0mm, 9.25mm and 10.50mm. Plastic pouch. India.

No. 30406 **\$65.00 set**

Broaching Device



For small parts and hands. 1-1/2" long. India.

No. 13525 **\$11.50 each**

Brushes

3-Piece Angled Brush Set



Access hard-to-reach corners, gaps and cracks. Long and short brush have stainless steel bristles for hard metals. The middle brush has nylon bristles for sensitive surfaces. Wood handles. Solvent and corrosion resistant. China.
No. 29384 **\$8.50 set**

Cleaning Brushes



4 rows. 3/4" crimped wire. For cleaning or surface texturing on soft metals. 8-1/4" long. Germany.
No. 29286 Steel Wire **\$10.50 each**
No. 14339 Brass Wire **\$10.50 each**

Brushes

5-Piece Cleaning Brush Set



3-1/2" nylon bristled brushes on a ring. 1/32" to 3/16" diameter. Great for cleaning spray nozzles, airbrushes, thin tubes, etc. China.
No. 32007 **\$4.00 set**

Dial Brush



4-1/2" long. Soft nylon bristles. India.
No. 17530 **\$1.00 each**

Dial Brush



Wood handle. 4-3/4" long. 1" nylon bristles.
No. 29928 **\$3.00 each**

Scratch Brushes



Pencil style brush feeds new brush with twist of the cap. 4-7/8" long. India.
No. 13433 Brass **\$4.00 each**
No. 13431 Fiberglass **\$3.75 each**
No. 32809 Steel Brush **\$3.50 each**

Scratch brush refills are 1-5/8" long.
No. 13434 Brass **\$2.00 each**
No. 13432 Fiberglass **\$1.75 each**
No. 32790 Steel **\$1.50 each**

Scratch Brush Assortment



Color-coded 3-piece set has brass, steel and fiberglass brushes. 4-1/2" long. India.
No. 17631 **\$9.00 set**

Glasgow Washout Brush



10" long. 4-row 3/4" hard bristle brush. For cleaning and other applications. Germany.
No. 29289 **\$15.00 each**

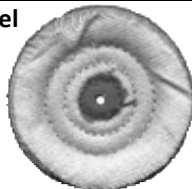
Brass Wire Brush Wheels



Clean, surface finish and debur metal surfaces. Tapered center hole to fit polishing motor spindle. Wood hub. India.
No. 33705 3-1/2" x 3 row **\$7.50 each**
No. 33707 4" x 4 row **\$8.00 each**

Bufs, Mandrels & Spindles

Cotton Flannel Bufs With Shellac Centers



Use abrasives such as tripoli or emery. 30 ply.
No. 13697 3" Dia. **\$4.00 each**
No. 13698 4" Dia. **\$5.25 each**

Muslin Bufs With Shellac Center



Four stitched rows. Use with abrasive compounds. Coarse.
No. 13687 ... 3" Dia. 35 Ply **\$2.50 each**
No. 13688 ... 4" Dia. 42 Ply **\$3.50 each**
No. 13690 ... 6" Dia. 50 Ply **\$5.50 each**
 Perfect for use with rouge. Fine
No. 13691 . 4" Dia. 50 Ply 4 Row **\$4.25**
No. 13693 . 6" Dia. 50 Ply 6 Row **\$8.50**

Yellow Bufs With Shellac Centers



Chemically treated fine muslin buff holds compounds better than most buffs.
No. 13694 ... 4" Dia. 40 Ply **\$4.00 each**
No. 13696 ... 6" Dia. 50 Ply **\$5.00 each**

Wool Buffing & Polishing Wheels 10-Piece Pack



Use in an electric drill or rotary tool. Ideal for buffing and fine polishing of jewelry, metal parts, watches, mirror, porcelain, etc. Wool heads measure approximately 1" diameter x 5/8" height. 1/4" shaft is 1-3/8" long. China.
No. 34320 **\$6.50 pack**

100-Pack Cotton Swabs



6" long single tipped swabs. Many shop applications. Non-sterile. China.
No. 32135 **\$2.00 pack**

Mandrels



Reinforced Heads.
No. 13686 3/32" Shank **\$1.50**
No. 17527 1/8" Shank **\$1.50**

Tapered Spindles



Attaches to straight shaft motors with 2 set screws. Threads are cut left or right. India.
No. 15758 Left 1/2" Shaft **\$8.00**
No. 15759 Right 1/2" Shaft **\$8.00**

Burnishers

Burnisher

7" long hardened steel. India.
No. 17526 **\$16.50 each**

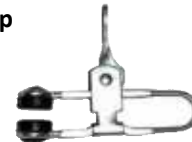
Countersink & Burnisher Set



Swiss made set for removing burrs and burnishing holes after drilling and reaming. Used to ream oil sinks after rebushing and for countersinking tapered shoulder screws. Assortment of 4 polished hardened steel double ended wheel countersinks with nickel plated brass handle. Sizes 4.50mm/5.00mm, 3.50mm/4.00mm, 2.50mm/2.80mm and 1.80mm/2.10mm. Great for jewelers and hobbyists who perform precision work.
No. 13888 **\$148.50 set**

Clamps

Quick Clamp



3" long. Nicked. 1/2" diameter rubber pads open to 5/32". Holds parts securely without marring. Spring action. China.
No. 29025 **\$2.00 each**

Plastic Spring Clamps



Square orange clamping surface with black handles. Spring tension. China.
No. 34399 3/8" clamp 2" **\$1.25**
No. 34285 1/2" clamp 3-1/2" **\$1.75**

Cleaning Baskets & Racks

Cleaning Basket



1-1/2" diameter stainless steel fine mesh holds small parts. Spring action plastic handle for easy opening. 5-3/4" long.
No. 23785 **\$6.00 each**

Cleaning Baskets



Stainless 1-1/2" diameter holds small parts. Ideal for steam cleaning. Spring handle keeps the basket closed. 5-3/4" long.
No. 13898 **\$4.00 each**
 Same as above but 2-1/2" deep x 6-3/4" long.
No. 19902 **\$6.00 each**

Cleaning Baskets & Racks

Cleaning Baskets



Brass threaded halves screw together. Fine mesh ends allow cleaning solution to circulate. For small parts. India.

- No. 32190 .. 16mm Diameter **\$4.50 each**
- No. 32191 .. 20mm Diameter **\$4.50 each**
- No. 20610 .. 22mm Diameter **\$4.50 each**
- No. 34252 .. 50mm Diameter **\$18.00 each**

Cleaning Basket



Stainless steel, fine mesh. Ideal for small parts. 2-3/16" dia. x 2-1/2" deep. 5-1/2" height. India.

- No. 29113 **\$8.50 each**

Small Parts Keepers



No. 20405

No. 20406

Keep parts together during cleaning. Stainless #8 mesh (1/8") with plastic bottom. Locking hinged top cap. For all types of solutions in ultrasonic or mechanical cleaning systems.

- No. 20405 2-1/8" dia. x 6-7/8" tall **\$19.50**
- No. 20406 4-1/4" dia. x 7" tall **\$26.00**

Cleaning Rack



Plastic rack with 12 movable hooks for hanging parts in your ultrasonic cleaner.

- No. 23638 15" Long **\$7.50 each**

Wire Mesh Sink Trap



4-1/2" diameter x 1-1/2" deep. 1/16" mesh traps small parts during washing.

- No. 29454 **\$1.50 each**

Bushing Tool & Accessories

KWM Style Bushing Tool Upright Shaft



Center shaft fits KWM bushing tool. 0.39" (10mm) OD, 7" (180mm) long. China.

- No. 33701 **\$42.00 each**

KWM Style Hand Held Bushing Reamer Set



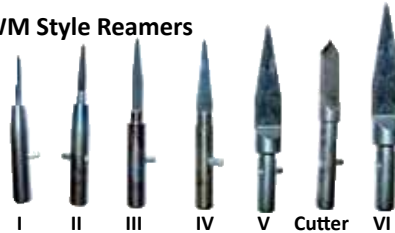
5 reamers, 1 chamfering cutter and a handle. Perfect for inexpensive bushing installations. Uses American/KWM bushings. USA.

- No. 13400 **\$108.00 set**

Handle Only For American/KWM Reamers

- No. 18303 4-1/2" Long **\$16.50 each**

KWM Style Reamers



Reamers for American/KWM bushings. USA.

- No. 13401 I 1.2mm
 - No. 13402 II 1.8mm
 - No. 13403 III 2.7mm
 - No. 13404 IV 3.5mm
 - No. 13405 V 5.9mm
 - No. 13406 5mm Chamfering Cutter
 - No. 24681 10mm Chamfering Cutter
- \$18.75 each \$55.50/ 3 (\$18.50)**
- No. 13828 VI 8.7mm
- \$21.00 each**

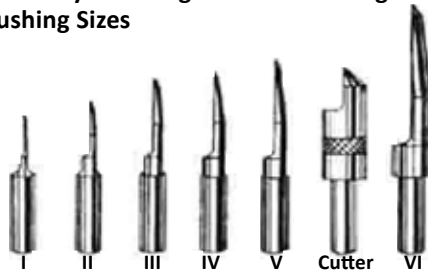
KWM Style Reamers For Bergeon Size Bushings



Reamers fit KWM tools for use with Bergeon size bushings. USA.

- No. 32341 I 1.97mm
 - No. 32342 II 2.47mm
 - No. 32343 III 2.97mm
 - No. 32344 IV 3.47mm
 - No. 32345 V 4.47mm
- \$18.75 each \$55.50/ 3 (\$18.50)**

KWM Style Cutting Reamers Fit Bergeon Bushing Sizes



For the American/KWM bushing system while the base fits into the Bergeon bushing tool.

- No. 14989 I 1.2mm
 - No. 14924 II 1.8mm
 - No. 14925 III 2.7mm
 - No. 14926 IV 3.5mm
 - No. 14990 V 5.9mm
 - No. 24699 10mm Chamfering Cutter
- \$18.75 each \$55.50/ 3 (\$18.50)**
- No. 14992 VI 8.7mm
- \$21.00 each**

KWM Reamers



For American and KWM bushings. Germany.

- No. 16752 IVa 4.7mm **\$44.50 each**
- No. 31039 VI 8.7mm **\$44.50 each**

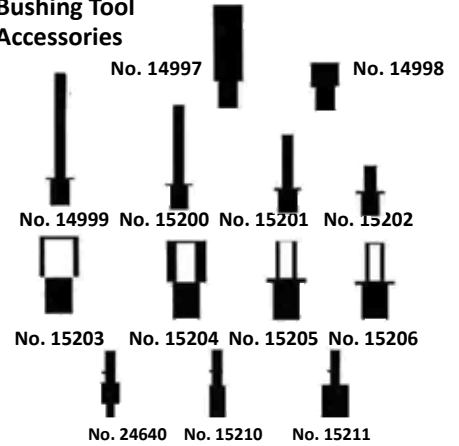
Centering Point-American/KWM



Find the center of a worn bushing hole before cutting the plate with a reamer. Fits American/KWM tools. USA.

- No. 14396 **\$9.00 each**

Bushing Tool Accessories



Accessories can be used on K and D, Keystone or American/KWM tools. USA.

- No. 14997 560" x 1.0" #3 Anvil
- No. 14998 560" x .50" #4 Anvil
- No. 14999 250" x 2.0" #5 Anvil
- No. 15200 250" x 1.5" #6 Anvil
- No. 15201 250" x 1.0" #7 Anvil
- No. 15202 250" x .50" #8 Anvil
- No. 24640 For #1 Reamer #1 Pusher
- No. 15210 . For #2,3,4 Reamer #2 Pusher
- No. 15211 . For #4,5,6 Reamer #3 Pusher

With Center Hole

- No. 15206 .. For #1,2,3, Reamer #3 Anvil
 - No. 15205 For #4 Reamer #4 Anvil
 - No. 15204 For #5 Reamer #5 Anvil
 - No. 15203 For #6 Reamer #6 Anvil
- \$9.00 each \$26.25 3 (\$8.75)**

Bergeon Pivot Cutters



Use to reduce height of bushings after they're pressed into the plate. Swiss.

- | | Cutter Diameter | Pivot Diameter | |
|--------------|-----------------|----------------|----------------|
| No. 20025 .. | 2.20mm | 0.40mm | \$52.00 |
| No. 20026 .. | 3.00mm | 0.70mm | \$52.00 |
| No. 20027 .. | 5.00mm | 1.50mm | \$52.00 |
| No. 20028 .. | 6.00mm | 3.00mm | \$52.00 |
| No. 20029 .. | 9.00mm | 5.00mm | \$60.00 |

KWM Style Reamer Adapter For Bergeon Bushing Tool



Fits into the Bergeon bushing tool. Allows you to use American/KWM reamers without having to adjust the set screw. USA.

- No. 15463 **\$11.50 each**

Bushing Tool & Accessories

Reversible One Piece Drill Press Reamer Adapter For KWM & Bergeon Systems



Ream clock plates by chucking the reversible adapter into your drill press. Install your KWM reamers on one end or Bergeon reamers on the other end. Includes a hex wrench for the Bergeon end set screw. 2" long. USA.

No. 14912 \$10.00 each

KWM Style Reamer Adapter For An Electric Screwdriver



For American/KWM reamers. 1-1/2" long. USA.

No. 14913 \$10.00 each

Bergeon Style Reamers



1.97 2.47 2.97 3.47 4.47 Cutter Pusher

Reamers for Bergeon bushings. USA.

No. 23685 1.97mm

No. 23686 2.47mm

No. 23687 2.97mm

No. 23688 3.47mm

No. 23689 4.47mm

\$18.75 each \$55.50/3 (\$18.50)

No. 24530 Small Chamfering Cutter

\$16.00 each

No. 24527 Small Pusher \$9.00 each

No. 24528 Medium Pusher \$9.00 each

No. 24529 Large Pusher \$9.00 each

Bergeon Reamers - Swiss



441 \$28.00 each \$82.50/ 3 (\$27.50)

Bergeon Chamfering Cutters



No. 18478 4.00mm \$28.00 each

No. 18479 10.00mm \$34.50 each



No. 18480 .. Centering Point \$17.00 each

Bergeon Style Hand Held Bushing Reamer Set



4 reamers, 1 chamfering cutter and a handle. Perfect for inexpensive bushing. Uses Bergeon bushings. USA.

No. 23727 \$96.00 set

Bergeon Style Centering Point



For use on the Bergeon bushing system. USA.

No. 24663 Short Point \$9.00 each

No. 23679 Long Point \$9.00 each

Hand Reamer Handle - Bergeon System



Handle holds Bergeon reamers. Includes a hex wrench. USA.

No. 22910 \$16.50 each

Bergeon Adapter for KWM Style Bushing Tools



Use in KWM bushing tools to convert to Bergeon reamers. Includes a hex wrench. USA

No. 22913 \$11.50 each

Bergeon Reamer Electric Screwdriver Adapter



Use your electric screwdriver to install Bergeon bushings. Includes a hex wrench. USA.

No. 22911 \$10.00 each

Bushing Tool Jig



Slip it between the escape wheel bridge and front plate for support while reaming and pushing a bushing. Five heights.

No. 18372 \$12.50 each

Drill Press Bushing Tool



Drill Press
Not Included

Bushing tool adapter for a drill press. Includes two spring loaded plate clamps, horizontal slide, and center base with a bolt to secure to your drill press. Accessories such as reamers, anvils, centering points, and reamer holders are not included. The center base has a 10mm hole which accepts KWM type anvils. You'll need a KWM type reamer adapter No. 14912 for your drill press to hold reamers and centering point.

No. 15213 \$230.00 each

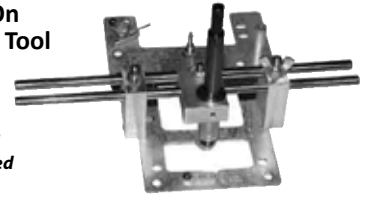
2-Piece Jaw Set For Drill Press Bushing Tool



Left and right set of high quality replacement spring-loaded jaws for our No. 15213 drill press adapter and many KWM bushing tools with 5mm x 15mm horizontal mounting bar.

No. 34203 \$108.50 set

Clamp On Bushing Tool



Reamers &
Clock Plate
Not Included

Align over pivot hole and clamp to disassembled clock plate. Insert reamer holder and reamer and ream bushing hole. Wrench and upright adapter included. Reamers and bushings are not included.

No. 22936 Bergeon \$172.50

No. 23487 Insert Only Bergeon \$15.00

No. 23488 Insert Only KWM \$15.00

Clamp On Bushing Tool

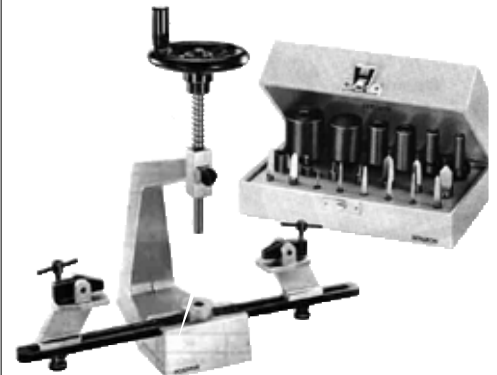


Reams bushing holes perpendicular to clock plate. Place tool on the plate and hold reamer in the tool and rotate the reamer with an electric drill. Uses American/ KWM or Bergeon reamers and bushings. Bracket and reamer adapter included. Reamers not included. USA.

No. 22914 Bergeon \$46.50

No. 18438 KWM \$46.50

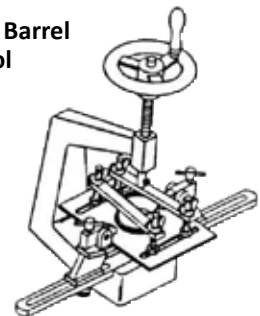
Bergeon Bushing Tool



Includes 2 plate clamps, 10 reamers, 3 pushers, 4 drilled stakes, 1 undrilled stake, 1 centering tool, 1 chamfering cutter, 1 centering stake and instructions. Swiss.

No. 18466 \$1,192.00 each

Mainspring Barrel Bushing Tool Adapter



Simplifies bushing installation in mainspring barrels. Clamps to bushing tool and holds barrel in place while reaming. With instructions. Bushing tool not included. India.

No. 16936 \$29.50 each

**Mainsprings Winders & Related
Mainspring Sleeves**



Set of 9 steel barrel mainspring retainers from 1" to 2-1/4" diameters. China.
No. 18427 \$62.50 set

Letdown Chucks

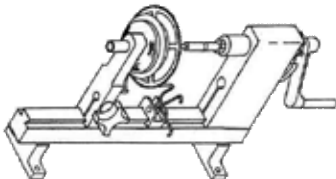


For use with the Ollie Baker style winder.
No. 10067 0-00 Chuck
No. 10068 1-2 Chuck
No. 10069 3-4 Chuck
No. 10070 5-6 Chuck
No. 10071 7-8 Chuck
No. 10072 9-11 Chuck
No. 10073 10-12 Chuck
No. 10074 14-16 Chuck

Additional Chucks In Metric Sizes

No. 20390 3.75/4.0mm Chuck
No. 20392 4.75/5.0mm Chuck
No. 20410 5.25/5.5mm Chuck
\$9.50 each \$27.25/ 3 (\$9.25)

Ollie Baker Style Mainspring Winder



Handle springs of any size, both hole end and loop end. Includes 9 steel mainspring sleeves, clamp and instructions. Heavy gloves and eye protection should always be worn while removing or installing any mainspring. Requires letdown chucks listed below. Call for estimated delivery time.
No. 18792 \$277.50 each

**Webster Style Mainspring Winder
Timesavers Exclusive**



Remove and install loop or hole end (barrel) mainsprings. Includes 2 hooks, **No. 23762** arbor support, 9 mainspring sleeves, 1" to 2-1/4", and instructions. Heavy gloves and eye protection should always be worn when removing or installing mainsprings. China.
No. 15452 \$237.50 each

Webster Style Mainspring Winder Arbor Support

*Mainspring Winder
Not Included*



Place support 1" from end of arbor. Slide pin up to arbor and lock. Makes spring winding easier and safer. For Webster winders. China.
No. 23762 \$27.50 each

**Hook Set For
Webster
Mainspring
Winder**



One each hole & loop end mainspring hooks.
No. 30481 \$12.50 set

Ratchet Click Spring



Use on **No. 15452** Webster winder click.
No. 18964 \$3.50 each

**Mainspring
Winder**



For loop end mainsprings. Winds springs on the main wheel. 2-3/8" x 3-3/4". India.
No. 13473 \$9.50 each

Clockmaking Tools

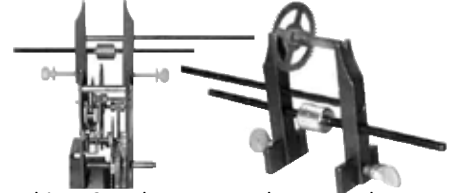
Beginner's Clockmaker Tool Kit



All your basic repair tools in a kit. If purchased separately, this 53-piece set would retail at **\$225.00**. Great for students learning clock repair. Our part numbers are in parentheses. Consists of:

- Brass Taper Pins (#10501)
 - Hanging Assembly Post Kit-Set of 4 (#13409)
 - Pin Vise (#13424)
 - Hand Vise (#13425)
 - #2 Cut 12-piece Needle File Set (#13616)
 - Brass and Fiber Head Mallet (#13699)
 - Presto #1 Type Hand Remover (#15481)
 - Oil Cup (#15875)
 - 5 In 1 Clock Key (#2-4-6-8-10) (#19261)
 - 5 In 1 Clock Key (#3-5-7-9-11) (#19262)
 - 5 piece Stainless Tweezer Set (AA, MM, NN, 3 and 5) (#19276)
 - Pivot Locator/Spring Lifter (#20261)
 - 3 piece Oil Pin Set (#23295)
 - 10 piece Cutting Broach Set .027"-.098" (#23903)
 - 6 piece Fixed Blade Screw Driver Set
 - 3.3x Aluminum Eye Loupe
 - Flat Nose Pliers
 - Wood Graver Handle with Chuck
 - 4-piece Let Down Set for Mainsprings (Handle and 3 chucks #5-#6, #7-#8 and #10-#12) (#15808)
- No. 32755** \$198.00 kit

The "Not Just A Plate Spreader"



Combines 2 tools. Use as a plate spreader with brass holding screws. Makes adjustments during movement assembly. Use as a truing up tool. Install the included brackets place a wheel and arbor in the slot.
No. 20401 \$29.50 set

Verge Adjuster

*Verge
Not
Included*



Make adjustments to strap type verges. With operating instructions.
No. 22941 \$72.00 each

Test Stands & Related

Clock Test Stand

*Movement
Not
Included*



For bench or wall. Use 8-1/2" movable arms in the up or down position. Clearance provided by cutout section of 10" wide base. 6-1/4" depth prevents tipping. Hardwood.
No. 29693 \$36.00 each

Grandfather Movement Test Stand



Perfect for testing grandfather, grandmother and most other movements on seatboards. 44-1/2" T x 14-1/2" W. Accommodates pendulum drops up to 47 inches. Holes are predrilled and all hardware is included. Assembly required.
No. 23554 \$112.50 each

**Movement Test
Stand - Aluminum**



Adjustable. Thumb screws for leveling in all directions. Horizontal arms grooved to hold rectangular movements. Adjustable round collars designed hold round movements. Rugged construction. 16-1/2" tall. 1/2" post diameter.
No. 19996 \$66.00 each

Test Stands & Related

Extra Holding Brackets



Brackets fit **No. 15915** and **No. 19996** stands. Several movements can be tested at once. Fits other test stands with 1/2" post diameter. Top clamp **No. 29997** holds plates up to 1/4" thick.

No. 29057 Aluminum **\$17.50 each**
No. 29999 Aluminum **\$14.50 each**
No. 29997 Steel **\$16.75 each**
No. 29998 Aluminum **\$14.50 each**

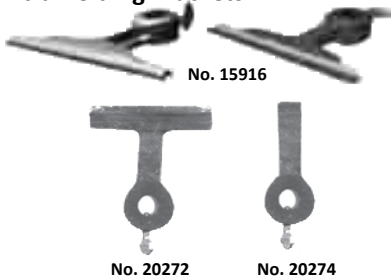
Clock Movement Test Stand - Iron



Holds movements for adjusting and regulating. Grooved brackets adjustable up to 11". 2 leveling screws. 1/2" post diameter.

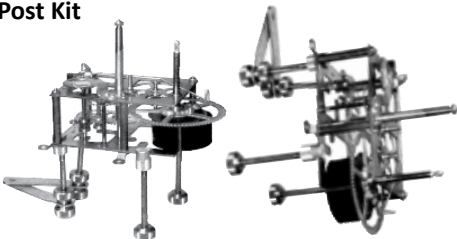
No. 15915 **\$64.00 each**

Extra Holding Brackets



No. 15916 Cast Iron **\$28.50 pair**
No. 20272 Cast Iron **\$14.50 each**
No. 20274 Cast Iron **\$14.50 each**

Hanging Assembly Post Kit



Assemble movements at the bench. Includes 4 assembly posts. Offset heads hold clock plates securely. With a special bracket for hanging on wall for inspection and rating.

No. 13409 **\$26.00 set**

Assembly Posts



Attach to clock plates during assembly. Offset head holds plate securely. 3 or 4 posts are necessary for assembly.

No. 13408 2-1/2" Long **\$7.00 each**
\$20.25/ 3 (\$6.75)
No. 22830 3-3/4" Long **\$9.75 each**
\$28.50/ 3 (\$9.50)

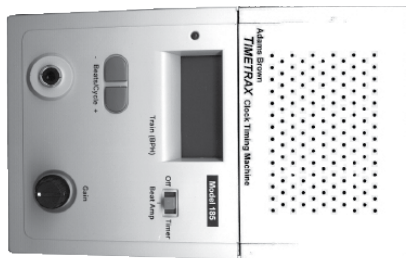


Extra long steel post raises the movement to eye level. With aluminum fittings.

No. 29753 7-7/8" Long **\$19.50 each**
\$57.75/ 3 (\$19.25)

Timer

TimeTrax Model 185 Electronic Clock Timer and Amplifier



Specifications:

Size	4.00W x 7H x 1.75D
Weight	11 Oz.
Display	4-1/2 digit high contrast LCD
Train Range	2000 to 19,999 beats per hour
Preset Average	2 to 130 in steps of 2
Monitor (Visual)	flashing LED with each tick
Beat Amplifier	built in with dynamic speaker
Timebase	50 ppm quartz crystal
Processor	8 bit CMOS

Measures rate of mechanical clocks by sensing escapement action and mechanical sounds of escapement. Use on carriage clocks to 400-day and Atmos clocks. Reads vibrations per hour. With a digital balance mode to place a clock in beat. Built-in audio beat amplifier. Includes a handbook of train tables and a Model #20 clip-on sensor. Portable. Uses 4 "AA" batteries (not included). 2-year warranty.

No. 17781 **\$210.00 each**

Drills & Related

6-Piece Titanium Plated HSS Steel Chamfering Bit Set



5-sided points. Sizes 6mm, 8mm, 9mm, 12mm, 16mm, 19mm chamfers. All are 48mm (1.88") long. Fits 1/4" drill. China.

No. 34289 **\$9.50 set**

Micro Drill Chuck



Adjustable, 1/8" shank holds micro drills. India.

No. 11105 **\$2.00 each**

Adapter Chuck For Small Drills



Insert in drill to use smaller drills & accessories. Adapts 3/32" collets from 0 to 3/32". India.

No. 17532 **\$4.00 each**

Hand Drill



Up and down movement turns the drill. India.

No. 15694 7" Long **\$4.00 each**

Hand Drill - Miniature Brass



3-3/4" long for drill sizes #60-#80. India.

No. 15698 **\$3.50 each**

5-Piece XL Metric Drill Set



150mm long (5.90"). 2mm, 3mm, 3.5mm, 4mm and 5mm diameter shanks. High speed steel. Perfect for hole opening. China.

No. 34325 **\$8.00 set**

Micro Metric Drill Set With 10 Drills



3-1/2" long, swivel head, blackened hand drill is knurled for good grip. Adjustable collet with 0.3-3.2mm range. Alloy spiral drills: 0.5mm, 0.6mm, 0.7mm, 0.8mm, 0.9mm, 1.0mm, 1.2mm, 1.5mm, 1.8mm and 2.0mm. Great for jewelry, watch work, woodworking, crafts, etc. China.

No. 34327 **\$10.00 set**

Drill Sets - High Speed Steel



8-piece set in 1/64", 1/32", 3/64", 1/16" 5/64", 3/32", 7/64" and 1/8" sizes.

No. 17533 **\$15.00 set**

10-piece set in 0.5mm, 1.0mm, 1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm, 4.5mm and 5.0mm sizes.

No. 17534 **\$18.00 set**

**We Ship
Worldwide
Daily**

Drills & Related

15-Piece Metric Drill Sets - High Speed Steel



Plastic pouch. 0.05mm size increments. China.
No. 17111 . 0.30mm To 1.0mm **\$6.00 set**
No. 17636 . 1.05mm To 2.0mm **\$6.00 set**

Micro Drills - 16-Piece Sets



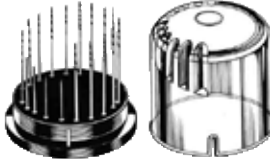
High speed steel drills in a plastic pouch. India.
No. 33471 . 0.50mm-2.00mm **\$10.00 set**
No. 33472 . 2.00mm-3.50mm **\$11.00 set**

20-Piece Drill Set - High Speed Steel



Wire sizes 61 through 80 (.0135"-.039").
No. 17531 **\$6.50 set**

20-Piece Drill Set - High Speed Steel



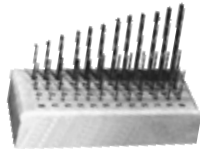
Premium quality. Numbers 61 through 80 included (.0135"-.039").
No. 13488 **\$31.50 set**

20-Piece Micro Metric Drill Set - High Speed Steel



Size range from 0.30mm to 1.50mm (.012"-.060"). Plastic storage pouch. India.
No. 29930 **\$9.50 each**

36-Piece Drill Set - High Speed Steel



Premium quality drills in a wood stand. Sizes 33 through 80 (.0135"-.113").
No. 13489 **\$59.50 set**

Diamond Hole Saw 6-Piece Set



Shank sizes of 5/32", 3/16", 1/4", 5/16", 3/8" and 1/2". Plastic storage case. China.
No. 29451 **\$11.50 set**

Drills - Double Ended Center



For drilling pivots and countersinking.
 Drill Dia. Shank Dia.
No. 10835 M1.0 3.15mm **\$4.00**
No. 10836 M1.6 4.00mm **\$4.25**

No. 10257 M2.5 6.30mm **\$4.50**
No. 10258 M4.0 10.0mm **\$4.75**

No. 15650 #000 .020" **\$4.00**
No. 15651 #00 .025" **\$4.00**
No. 15652 #0 .031" **\$4.00**
No. 17536 #1 .047" **\$4.00**
No. 17537 #2 .078" **\$4.00**
No. 17538 #3 .109" **\$4.00**
No. 18950 #4 .125" **\$4.00**
No. 18951 #5 .188" **\$5.50**
No. 18952 #6 .219" **\$5.50**

6-Piece Center Drill Set



HSS 60-degree angle double end center drills. Diameters: 1mm, 1.5mm, 2mm, 2.5mm, 3mm and 5mm (.039", .059", .078", .098", .118" and .196"). China.
No. 34303 **\$11.50 set**

Twist Drills - Inch Sizes - Carbon Steel



No. 13494 .....	.0700"	#50 Drill
No. 13495 .....	.0670"	#51 Drill
No. 13496 .....	.0635"	#52 Drill
No. 13497 .....	.0595"	#53 Drill
No. 13498 .....	.0550"	#54 Drill
No. 13499 .....	.0520"	#55 Drill
No. 13500 .....	.0465"	#56 Drill
No. 13501 .....	.0430"	#57 Drill
No. 13502 .....	.0420"	#58 Drill
No. 13503 .....	.0410"	#59 Drill
No. 13504 .....	.0400"	#60 Drill
No. 13505 .....	.0390"	#61 Drill
No. 13506 .....	.0380"	#62 Drill
No. 13507 .....	.0370"	#63 Drill
No. 13508 .....	.0360"	#64 Drill
No. 13509 .....	.0350"	#65 Drill
No. 13510 .....	.0330"	#66 Drill
No. 13511 .....	.0320"	#67 Drill
No. 13512 .....	.0310"	#68 Drill
No. 13513 .....	.0292"	#69 Drill
No. 13514 .....	.0280"	#70 Drill
No. 13515 .....	.0260"	#71 Drill
No. 13516 .....	.0250"	#72 Drill
No. 13517 .....	.0240"	#73 Drill
No. 13518 .....	.0225"	#74 Drill
No. 13519 .....	.0210"	#75 Drill
No. 13520 .....	.0200"	#76 Drill
No. 13521 .....	.0180"	#77 Drill
No. 13522 .....	.0160"	#78 Drill
No. 13523 .....	.0145"	#79 Drill
No. 13524 .....	.0135"	#80 Drill
\$1.50 each		\$7.50/ 6 (\$1.25)

Twist Drills - Metric Sizes - Carbon Steel



No. 17539 0118" .30mm
No. 17540 0138" .35mm
No. 17541 0157" .40mm
No. 17546 0197" .50mm
No. 17547 0217" .55mm

No. 17548 .....	.0236"	.60mm
No. 17549 .....	.0256"	.65mm
No. 17551 .....	.0295"	.75mm
No. 17552 .....	.0315"	.80mm
No. 17553 .....	.0335"	.85mm
No. 17555 .....	.0374"	.95mm
No. 17542 .....	.0394"	1.00mm
No. 17557 .....	.0472"	1.20mm
No. 17558 .....	.0512"	1.30mm
No. 17559 .....	.0551"	1.40mm
No. 17560 .....	.0591"	1.50mm
No. 17561 .....	.0630"	1.60mm
No. 17563 .....	.0709"	1.80mm
No. 17564 .....	.0748"	1.90mm
No. 17565 .....	.0787"	2.00mm
No. 15988 .....	.0827"	2.10mm
No. 15989 .....	.0866"	2.20mm
No. 15990 .....	.0906"	2.30mm
No. 15991 .....	.0945"	2.40mm
No. 15992 .....	.0984"	2.50mm
No. 15993 .....	.1024"	2.60mm
No. 15994 .....	.1063"	2.70mm
No. 15995 .....	.1102"	2.80mm
No. 15996 .....	.1142"	2.90mm
No. 15997 .....	.1181"	3.00mm
\$2.00 each		\$11.10/ 6 (\$1.85)

Flat Pivot Drill Packs



Used for drilling the finest holes. With a right hand 0 degree rake angle. All with .0236" shank diameter. 3 per pack. **Were \$12.50.**
No. 00414009" diameter **\$5.00 pack**
No. 00415013" diameter **\$5.00 pack**
No. 00416 .0134" diameter **\$5.00 pack**

Files

File Cleaner



Stiff wires set into a plastic handle. Removes contaminants. 9-1/4" long.
No. 14341 **\$6.50 each**

Wood File Handle

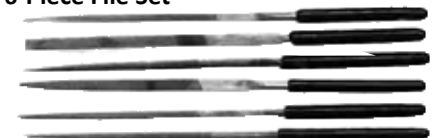


1" diameter, 4" long. India.
No. 19367 **\$4.00 each**

Needle Files - Closeout

Italian made. Hand files in profiles indicated. 5-1/2" long. **Was \$3.00.**
No. 33579 #3 Triangular **\$1.00 each**
No. 33580 #4 Triangular **\$1.00 each**

6-Piece File Set



Needle files with rubber handles. Assorted styles. 2mm diameter. 4" long. China.
No. 17608 **\$6.50 set**

Files

5-Piece File Set



6-3/4" long. Rubberized grips. Round, half-round, square, rectangular, and triangular files have profiles smaller than standard for more detailed work in confined areas. China.

No. 29188 **\$8.50 set**

6-Piece Diamond File Set



8-1/2" flat diamond files. Rubberized handles. Grits of 40, 80, 150, 240, 400 and 600. China.

No. 29380 **\$23.50 set**

10-Piece Diamond Needle File Set



5" tapered files with 3 different grits. Rubber handles. China.

No. 29029 **\$9.50 set**

10-Piece Riffler File Set



7" long. Assorted styles. China.

No. 15811 **\$11.00 set**

12-Piece Economy File Sets



Popular shapes. Plastic pouch. 5-1/2" L. India.

No. 23901 #0 Cut **\$13.50 set**

No. 13616 #2 Cut **\$13.50 set**

No. 19705 #4 Cut **\$13.50 set**

12-Piece File Set - Closeout



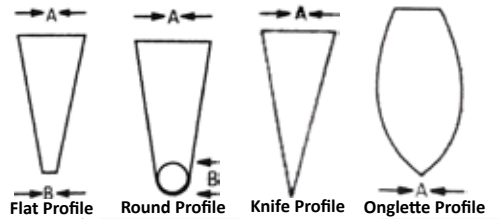
A must for clockmakers, watchmakers, jewelers and hobbyists. 5-1/2" long. Includes Flat, Crossing, 3 Square, Round Knife, Half Round, Barrette, Slitting, Marking and 2 Equaling files. Italian Iridium brand. Were \$50.00.

No. 33224 #3 Cut **\$25.00 set**

Gravers

Good quality tempered high speed steel (HSS). 4" long. For cutting all types of metals, wood, bone, etc. Used by jewelers and watchmakers. India.

Your choice at **\$9.00 each**.



Part #	Flat Profile	Thickness A	Thickness B
No. 34063	#2	1.9mm	0.2mm
No. 34064	#4	2.0mm	0.4mm
No. 34065	#6	2.1mm	0.6mm
No. 34066	#8	2.2mm	0.8mm
No. 34067	#10	2.3mm	1.0mm
No. 34068	#12	2.4mm	1.2mm
No. 34069	#14	2.5mm	1.4mm
Part #	Round Profile	Thickness	Thickness
No. 34070	#2	1.9mm	0.2mm
No. 34071	#4	2.0mm	0.4mm
No. 34072	#6	2.1mm	0.6mm
No. 34073	#8	2.2mm	0.8mm
No. 34074	#10	2.3mm	1.0mm
No. 34075	#12	2.4mm	1.2mm
No. 34076	#14	2.5mm	1.4mm

Part #	Knife Profile	Thickness
No. 34077	#18	1.16mm
No. 34078	#20	1.24mm
No. 34079	#22	1.35mm
No. 34080	#24	1.45mm
No. 34081	#26	1.50mm
No. 34082	#1	1.78mm
Part #	Onglette Profile	Thickness
No. 34082	#1	1.78mm
No. 34083	#2	1.94mm
No. 34084	#3	2.16mm
No. 34085	#4	2.54mm
No. 34086	#5	2.74mm
No. 34087	#6	2.94mm
No. 34089	#8	3.36mm

Gravers & Related

Waller Graver



Carbide turning graver. Knurled handle. Fast cutting on the hardest metals. 5" long.

No. 29627 **\$18.50 each**

Replacement Tip



Replacement tip for above.

No. 29628 **\$15.50 each**

Diamond Compound



Waller diamond compound used on steel lap in lathe to sharpen carbide gravers. 1/2 oz.

No. 29630 **\$26.50 each**

Gravers



Hardened and tempered high speed steel. 4" long. India.

No. 17612 Knife **\$3.50 each**

No. 17613 Square **\$3.50 each**

Graver/Burnisher File 2-Piece Set

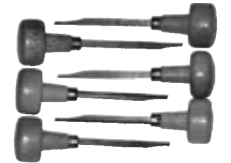


2-5/8" x 3-1/2" overall length. 9/32" oblong mounting holes make these multi-use handles.

Each has a set screw for easy tightening with included hex key. India.

No. 33709 **\$10.00 set**

6-Piece Turning & Pivoting Graver Set



Assorted gravers with wood handles. India.

No. 22926 **\$24.00 set**

Dyna-Lube®



Diamond compound and impregnator. 2" stick.

No. 29629 **\$17.50 each**

Graver Sharpener



Holds gravers for sharpening on oil stones.

No. 17614 **\$4.50 each**

Hammers

Hammer



Versatile hammer with interchangeable brass and nylon heads. Hardwood handle. India.

No. 13455 10" Long **\$9.00 each**

Replacement Heads

For No. 13455 above.

No. 13456 Brass **\$2.50 each**

No. 13457 Nylon **\$2.50 each**

Hammer - Brass Head



Hardwood handle with a perfectly balanced flat brass plated head. 9" long. India.

No. 13410 **\$6.00 each**

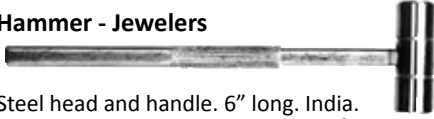
Hammers

Hammer - Chasing



The flat end of 1" head flattens. Round end is used for riveting. Nickel steel head with a pistol grip handle. 10" long. India.
No. 13582 \$10.00 each

Hammer - Jewelers



Steel head and handle. 6" long. India.
No. 15779 \$6.00 each

Hammer - Mini Plastic



7" long with one nylon and one metal head. Rubberized handle. Weighs 60 grams. India.
No. 33467 \$5.50 each

Hammer - Riveting



One end is flat, the other is chisel shaped for spreading rivets. Polished steel head on a hardwood handle. 9-1/4" long. India.
No. 13581 \$6.00 each

Hammer-Staking



Nickled steel. Hardwood handle. For staking and riveting. 9-1/4" long. India.
No. 13586 \$5.00 each

Brass and Fiber Head Mallet



Nicely weighted with a knurled easy-grip aluminum handle. 9-3/4" long. India.
No. 13699 \$7.50 each

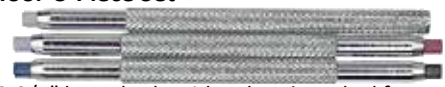
Hand Removers, Pullers & Related

Clock Hand Bushing Tool



Square end steel shaft with a wood handle for turning and adjusting square minute hand bushings. 7" overall. India.
No. 19439 \$8.00 each

Hand Setting Tool 3-Piece Set



3-3/4" brass body with nylon tips. Ideal for inserting watch hands without scratching dials. 2 holes per color-coded tool: 0.50mm and 0.80mm (Black/Blue), 1.00mm and 1.50mm (Grey/Red), Flat 2.00mm (White). India.
No. 32438 \$10.00 set

Hand Presser



3-3/4" double-ended, nylon-tipped presser for the gentle positioning of hands. India.
No. 29374 \$3.00 each

Hand Remover



For small clocks and watches. Set of 2. India.
No. 18418 4" Long \$4.00 set

Hand Remover



Presto type #2 remover uses spring pressure to remove hands. 3-3/4" long. India.
No. 30493 \$10.00 each

Hand Remover



Type "S" remover uses spring pressure to remove hands. Fiber tips will not mar dial. Jaws retract when springs are pressed. India.
No. 23782 \$10.00 each

Hand Remover



Presto type remover uses spring pressure to remove hands. 3-1/2" long. India.
No. 15481 \$8.00 each

Hand Remover - K&D Style



No. 13427 4" Long \$9.00 each

Hand & Gear Puller



1-11/16" long with tapered end. Knurled, nickled thumb screw. 5/8" deep throat. 1/16" tip.
No. 23770 \$10.50 each

Gear Puller



Screw pressure forces gears, wheels and hands from their posts. Will not mar dials.
No. 13447 \$5.00 each

Three Prong Holder



The plunger opens jaws. 5" long. India.
No. 13604 \$3.00 each

X-Tra Hand



For soldering and assembly. Double ball joints assure the workpiece is in the right position. Heavy base for stability.
No. 13429 \$11.00 each

Telescoping Magnetic Pickup



4-1/4" closed, 22-1/2" extended. Pocket clip.
No. 16715 \$3.00 each

8-Piece Positioning Tool Set



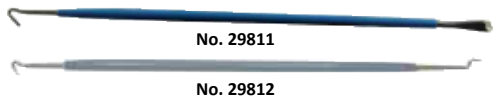
For positioning pivots and many other uses. 3 extension handles to increase reach.
No. 23094 \$19.50 set

Dental Picks



5-1/2" long.
No. 15810 6-Piece Set \$5.50 set

Spring Hooks



For grabbing and manipulating the ends of springs, wires, and other small parts. Taiwan.
No. 29811 \$4.00 each
No. 29812 \$4.00 each

Jewelers Tools

Ring Clamp



Double-end wedge clamp holds work securely and safely while cutting, setting or polishing. Good quality polished and lacquered hardwood. Was \$9.00. While supplies last.
No. 01329 \$3.00 each

Jump Ring Tool-Closeout



Used to make jump rings. Was \$4.50.
No. 00227 \$2.00 each

Ring Sizer



Clever cable tie design with imprinted gold numbers indicating sizes. Simply wrap around finger to be measured correctly and read accurate size. China.
No. 34281 \$1.00 each

Magnetizers/Demagnetizers

**Magnetizer/
Demagnetizer**



Powerful rare earth magnet for screwdrivers, tweezers and small parts. 1" square.
No. 18715 \$5.50 each

**Magnetizer/
Demagnetizer**



For small tools like screwdrivers and tweezers. Magnetize by sliding tool through the plus (+) slot. Demagnetize by sliding the tool through the minus (-) slot. 2" x 2" x 1-1/8" deep.
No. 23461 \$6.00 each

Measuring Tools & Gauges

Bulls-Eye Level



1-1/8" diameter acrylic. 1-3/4" base. Levels in all directions. With mounting holes. China.
No. 29161 \$2.50 each

Clock Level



Bubble level is 1-1/2" long.
No. 11703 \$1.50 each \$16.20/ 12

Caliper - Brass



Notched jaws for inside and outside metric and inch measurements. 4" long. India.
No. 13789 \$5.50 each

Economy Electronic Vernier Caliper



4" (100mm) carbon fiber caliper measures accurately to .01"/0.2mm tolerance. Measures inside and outside dimensions with clear digital readout. Operates on a cell battery, included. China.
No. 34280 \$9.00 each

150mm (6") Economy Digital Caliper



6" (150mm) carbon fiber caliper measures accurately to .01"/0.2mm tolerance. Measures inside and outside dimensions with clear digital readout. Also measures depth. Operates on a cell battery, included. China.
No. 34283 \$12.00 each

**Fractional
Digital
Caliper**



Stainless steel caliper with LCD display. Has a range of 0-6" and 0-150mm. Displays inches in decimals or fractions as small as 128ths (Example: .50" or 1/2"). Displays millimeters in decimals (Example: 6.35mm). Accurate to +/- 0.001" and +/- 0.03mm. Internal and external measuring jaws. Thumb roller. Depth blade. Runs on a provided cell battery. In a plastic storage box.
No. 29943 \$34.00 each

Metric & Inch Mini Screw Gauge 22-Pc Set



Cleverly designed thread gauges for both internal and external threads. For mini screw sizes: #0-80, #1-64, #1-72, #2-56, #2-64, #3-48, #3-56, #4-40, #4-48, #5-40, #5-44, #6-32, #6-40, M1.10 x .25, N1.2 x .25, M1.4 x .30, M1.6 x .35, M2.0 x .40, M2.3 x .40, M2.5 x .45, M3.0 x .50, M4.0 x .70. In a partitioned box. China.
No. 34363 \$27.50 set

**Screw Chek'R -
Plastic**



- Measures #1 (.073") Thru 5/16" (.312") Diameters
- Measures Length Up To 3"
- Indicates Tap Series and Threads Per Inch
- Indicates Clearance Drill Size and Tap Drill Size

No. 15982 Inches

- Measures 2mm (.079") Thru 7mm (.276") Diameters
- Measures Length Up To 60mm (2.36")
- Indicates Tap Series and Thread Pitch
- Indicates Clearance Drill Size and Tap Drill Size

No. 15983 Metric
\$8.00 each \$15.50/ 2 (\$7.75)

**Screw Chek'R -
Metal**



No. 18499 Inches \$25.00 each
No. 18700 Metric \$27.00 each

Hand Held Scale



Suitable for clock weights up to 75 lbs. With dial stops. Locks for easy reading. Resets to zero with a twist. Comes with tape measure. Metal and plastic body. 4" x 3" x 1-1/2".
No. 30472 \$9.00 each

**Portable Pocket
Electronic Scale**



Handy 0.01 gram-200 gram high precision mini key jewelry scale. Suitable for weighing jewelry, small parts, medicine, food, etc. HD LED screen. .01 gram accuracy. Black aluminum alloy and plastic case measures 33mm x 65mm (1.3" x 2.56"). Runs on an alkaline battery, included. Instructions included. China.
No. 34319 \$9.50 each

5-Piece Calibration Set



Nickel-plated steel weights: 1 gr, 2 gr, 5 gr, 10 gr and 20 gr (0.035 oz, 0.07 oz, 0.17 oz, 0.35 oz and 0.7 oz). China.
No. 34326 \$9.00 set

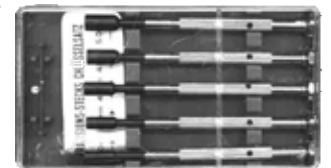
Nut Drivers & Wrenches

**Universal Spanner Double End Hex
Wrench**



Clever design. Use to tighten/loosen hex or square configured screw and bolt heads from 3mm to 17mm (0.120" to .669") across flats. Blackened chrome vanadium steel. 5-millie 3/4" long. China.
No. 34307 \$4.75 each

**Nut Drivers-
Metric
5-Piece Set**



Tempered blades. Nickel plated handles. With T-bar for extra torque. 3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm, 4" long.
No. 17629 \$5.00 set

**Nut Drivers-
7-Piece Set**



Color coded. Includes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2". Chromed and hardened steel. 5-3/4" long.
No. 15371 \$19.50 set

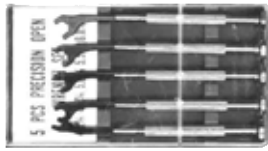
**Power Nut
Driver Set**



14-piece set for power tools. 7 inch sizes (3/16", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16") and 7 metric sizes (5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm, 12mm). China.
No. 30459 \$5.50 set

Nut Drivers & Wrenches

**Wrenches
Metric 5-Piece
Set**



Anodized tips with nickel plated handles.
4.0mm, 4.5mm, 5.0mm, 5.5mm, 6.0mm.
No. 17627 4" Long \$5.50 set

L-Shaped Socket Wrench

**Bits Not
Included**



Knurled steel handle. Accommodates 1/4" screwdriver bits and facilitates easy assembly in hard-to-reach places. 4" long. China.
No. 34299 \$4.00 each

Oilers & Related

Capillary Oiler



Plastic oiler with a 1" fine metal tip. India.
No. 15877 \$2.00 each

Dip Oiler



2-1/4" long with 1/2" needle. India.
No. 18420 \$2.00 each

Dip Oiler Set



Set of 3 dip oilers. India.
No. 23295 \$5.50 set

Dip Oiler Set



4 color coded oilers apply varying amounts of oil. Swiss.
No. 13428 \$15.00 set

**Dip Oiler
5-Piece Set**



Black 0.20mm, Red 0.30mm, Blue 0.40mm, Green 0.50mm and Yellow 0.80mm. India.
No. 32886 \$7.50 set

Clock Oiler



Refillable plastic dispenser with a 2-1/4" metal tip. Contains 15cc of clock oil.
No. 23309 \$2.75 each
Empty dispenser only.
No. 29344 \$2.50 each

120ml Plastic Oiler



Opaque white plastic. 7-3/4" overall length with a 3-1/2" long capped metal stem that does not bend. 1/16" (.062") drip hole. Black plastic screw-on cap. Can use for oils and lubricants. China.
No. 34322 \$4.50 each

Precision Oiler - Refillable



Refillable. Aluminum body. Screw-on cap with pocket clip. 5-5/8" long. The button actuator allows exact placement of oil. 2.5mm (098") inside diameter. Oil not included.
No. 23462 \$12.50 each

Precision Hypodermic Oilers



.023" diameter needle won't cut into materials. 2cc capacity. 4-1/4" long.
No. 13527 \$3.00 each

Nye 140-B Pen Oiler



1/4 ounce (approx. 7.4ml) Nye 140-B Synthetic Clock Oil in a precision 1" long needle tip applicator. Won't spread, corrode or gum.
No. 34314 \$7.50 each



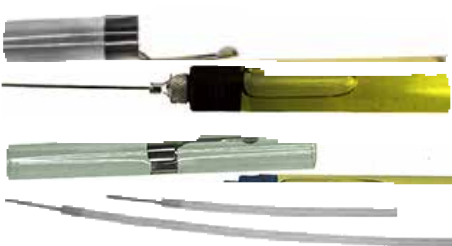
1/2 ounce (approx. 14.8ml) Nye 140-B Synthetic Clock Oil in a plastic dispenser with a 2-1/4" needle tip applicator. Won't spread, corrode or gum.
No. 34315 \$10.50 each

**Clock Oiler
Set**



One of each size **No. 13717**, **No. 13839** and **No. 19878**. With clear caps and pocket clips.
No. 32320 \$7.00 set

Precision Pen Oilers



Filled with .25 oz. of clock oil that inhibits corrosion. Refillable. Great as giveaways. USA.
No. 13717 1" Needle \$2.25 each \$25.20/ 12 (\$2.10) \$100.00/ 50 (\$2.00)
No. 13839 2-1/4" Needle \$2.50 each \$28.20/ 12 (\$2.35) \$112.50/ 50 (\$2.25)
No. 19878 3-3/8" Needle \$2.75 each \$31.20/ 12 (\$2.60) \$125.00/ 50 (\$2.50)

Empty Dispensers Only.

No. 29341 1" Needle \$2.00
No. 29342 2-1/4" Needle \$2.25
No. 29343 3-3/8" Needle \$2.50

Empty Dispensers Assortment

3-pack. One each of above.
No. 32472 \$6.25 pack

Precision Oiler Extensions

Slip them onto the tips of our precision pen oilers and extend the working length.
No. 18491 .. 4-1/2" Extension \$1.00 each
No. 18492 8" Extension \$1.00 each
12-Piece Oiler Extension Assortment
6 each of the 2 sizes listed above.
No. 32485 \$9.00 pack

Sewing Machine Oiler



Contains .25 ounces of a clear oil specifically used for sewing machines, shearing stations, etc. 1" long needle.
No. 33573 .. \$3.00 each \$33.00/ 12 (\$2.75)

Oil Cups



Plastic with a cover. India.
No. 15875 1 Reservoir \$2.50 each
No. 15876 3 Reservoirs \$3.00 each

Oil Cups & Holder



Heavy nickeled base with 3 glass cups. Retractable cover prevents contamination. 3 oiler and 2 grooved holders.
No. 22857 \$21.50 each

Optical & Magnification

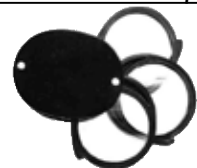
Magnification Facts:
Relationship of focal length (working distance) to magnification:
5" = 2X Magnification
4" = 2.5X Magnification
3-1/2" = 2.8X Magnification
2-1/2" = 4X Magnification
2" = 5X Magnification
1" = 10X Magnification

Aluminum Inspection Mirror



6-1/2" long. 7/8" diameter. India.
No. 15479 \$3.00 each

**Triple 10X
Magnifier**



Plastic with 3 lenses. 10X total. India.
No. 20001 \$3.00 each

Optical & Magnification

Illuminated LED Jeweler's Loupe



On/off switch. Operates on 3 cell batteries, included. Protective plastic case.
No. 29996...21mm lens 20X \$10.00 each

Triplet Diamond 10X Loupe



Corrected for spherical and chromatic aberrations. Anodized metal body. Leather case.
No. 14340 \$12.00 each

Eye Loupes



Black plastic. Ground plastic lens. India.
No. 15874 At 3" Distance 4X
No. 18213 At 2" Distance 5X
No. 18214 At 2-1/2" Distance 7-1/2X
No. 18215 At 1" Distance 10X
\$1.50 each \$3.75/ 3 (\$1.25)

Aluminum Eye Loupes 4-Piece Set



Color coded set with headband. Blue (2.5x), Red (5x), Green (7.5x) and Yellow (10x). India.
No. 34050 \$11.00 set

Aluminum Eye Loupes 4-Piece Set



2.5x, 5x, 7.5x and 10x loupes. 22mm glass lens diameter. In a plastic storage container. China.
No. 32425 \$12.00 set

Eye Loupe 5-Piece Set



Plastic loupes: 2.5X, 3X, 5X, 7X and 10X. India.
No. 32805 \$7.50 set

Double Lens Eye Loupes



2 lenses for increased magnification. India.
No. 18769 10X \$2.00 each
No. 30490 15X \$2.00 each

Loupe Headband

Loupe
 Not
 Included



Spring wire band holds loupes in place. India.
No. 29383 \$2.50 each

Flip Up Loupe



Clips onto your glasses. India.
No. 16576 5X \$3.50 each
No. 18437 10X \$3.50 each

Hands Free Loupe



Plastic frame. Directional LED illuminates viewing area. Runs on 2 cell batteries, included.
No. 32012 . Double Loupe 10X \$12.00

Economical Clip On Loupes



Use on either side of your glasses. India.
No. 15680 3.5X \$6.50 each



Spring loaded clamp holds loupe on glasses. 24mm glass lens. Aluminum body. Adjustable length. Clips on either side of glasses. China.
No. 20762 3X/3.3X = 6.6X total \$8.00
No. 32426 5X/5X = 10X total \$8.00
No. 32427 ... 7.5X/7.5X = 15X total \$8.00
No. 32428 10X/10X = 20X total \$8.00



Three 22mm glass lenses, each with 3.3X for a total of 9.9X. Aluminum body. Adjustable length. Clips on either side of glasses. China.
No. 32429 \$12.50 each

Auxiliary Lens



1-1/8" diameter plastic lens is 2X power. Attaches to your binocular magnifier. India.
No. 23909 \$6.00 each

Optiloupe Auxiliary Lens



Fits on either side of the Optivisor for an additional 2-1/2X power.
No. 13844 \$16.00 each

Optivisor Lens Headset



Complete headset without a lens.
No. 19446 \$30.50 each

Optivisor Headband



Replacement headband for the Optivisor.
No. 23460 \$18.00 each

Optivisor Replacement Lens Plates



Fits the Optivisor. Glass.

	Power	Working Distance	Lens #
No. 14862	1-3/4X	14"	#3
No. 14884	2X	10"	#4
No. 14863	2-1/2X	8"	#5
\$44.00 each			
No. 14864	2-3/4X	6"	#7
No. 14865	3-1/2X	4"	#10
\$47.50 each			

Deluxe Optivisors



Adjustable padded headband. The polished and ground prismatic glass lens can pivot out of the way. Fits over glasses. USA.

	Working Distance	Power	
No. 13793 ...	14"	1-3/4X	\$69.00 each
No. 13794 ...	10"	2X	\$69.00 each
No. 13795	8"	2-1/2X	\$69.00 each
No. 13848	6"	2-3/4X	\$69.00 each
No. 13849	4"	3-1/2X	\$69.00 each

Optivisor Visor Light



Adjustable, hands-free light attaches to Optivisors. Xenon 6000 laser beam illuminates for 5+ hours. With 42" cord to attach to a pocket or belt. Two "AA" batteries not included.
No. 20418 \$35.50 each

Illuminated Head Magnifier



Coated acrylic lens. Multiple magnification of 1.5X to 10.5X possible by combining 2 lenses (1.5X fixed and 1.5X flip-up) and a 7.5X loupe. 2 bright LED bulbs to illuminate viewing area. Adjust beam with tilt and angle controls. Adjustable head strap with dial control. Requires 2-AAA batteries, not included. China.
No. 32016 \$12.50 each

Optical & Magnification

Table Lamp

6-3/4" tall. 12-LED. Black and silver plastic body. Adjustable pivoting neck directs bright light where you need it. Requires 3-AA batteries, not included. China.



No. 31083 \$5.50 each

Head Lamp

8 LED. Adjustable head strap. Silver and black plastic. 4 functions include 2, 4 and 8 bulbs on. 4th function is 8 bulbs on flashing. China.



No. 32015 \$5.00 each

Miniature 60x Illuminated Microscope

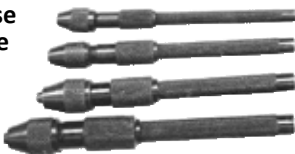
Very portable. Measures 1-1/4" x 1-1/2". With jeweler's lens. 3 LED illumination with UV light and dial focus. Runs on three cell batteries, included. China.



No. 34317 \$9.50 each

Pin Vises

Pin Vise 4-Piece Set



Black oxidized single collet pin vise set. Size capacity from 0 to 4.8mm (3/16"). India.

No. 19685 4 Piece Set \$8.25 set

Brass Collet 9-Piece Set



Use with drills, burrs, bead reamers, files, etc. 4-3/4" storage handle. 7 collets include 0.8-1.0mm, 1.3-1.5mm, 1.8-2.0mm, 2.2-2.4mm, 2.8-3.0mm and 2 pieces of 3.0-3.2mm. With a coned diamond burr and a collet holder.

No. 32417 \$11.00 set

Heavy Duty Pin Vise



6". Extra sturdy. Plastic handle. Adjustable throat holds up to 1/4" diameter. India.

No. 23772 \$9.50 each



Nickel plated. Reversible jaws. 4" long.

No. 13424 \$3.50 each



Nickel plated with 2 collets. 4" long. India.
No. 16537 \$3.50 each



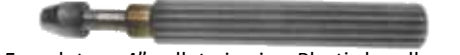
Nickel plated. 2 collets. American pattern. 4-3/8".
No. 16538 \$3.50 each



Brass. Square mouth, One collet. 3-1/2". India.
No. 29932 \$4.00 each



Nickel plated. Thin single mouth. 4" long. India
No. 29934 \$3.50 each



French type 4" collet pin vise. Plastic handle.
No. 33675 \$5.50 each



Brass with a single collet. 3-3/4" long. India.
No. 16541 \$3.00 each



Wood handled with 2 collets. Largest opens up to 3mm. 2-7/8" long. India.
No. 29427 \$5.50 each



Nickel plated with a swivel head and a double ended collet. 3-3/4" long. India.
No. 16543 \$5.00 each

Pivot Locators

Pivot Locator



8" long. India.
No. 15475 \$4.50 each

Pivot Locator



6-3/4" long with a knurled handle. India.
No. 20261 \$4.50 each

Pivot Locator



Push/pull type. Wood handle. 8" long. India.
No. 21080 \$4.50 each

Pliers

Mini Pliers 3-Piece Set



3" long. Includes a long, flat, and a round nose pliers with single spring action. Plastic storage pouch. Rubber handles. Pakistan.
No. 29231 \$9.00 set

Mini Pliers



No. 30482

No. 30484

4-1/2". Rubberized spring loaded handles. Quality stainless steel. China.

No. 30482 Long Nose \$6.00 each
No. 30484 Side Cutter \$5.00 each

Pliers 4-Piece Set



Stainless steel. Contains a flat nose, chain nose, round nose, and side cutting pliers in a plastic pouch. Box joint construction with cushioned grip handles. 4-1/2" long. India.

No. 14839 \$20.00 set

Pliers - Brass Lined Flat Nose



Smooth brass lined jaws prevent marring surfaces. 5" long. 7/8" jaws. India.

No. 13608 \$7.00 each

Pliers - Parallel



Smooth jaws provide a vise-like grip. Nickel plated. 5" long. England.

No. 13444 \$37.50 each

Pliers - Ring Bending



One jaw is convex, the other concave for holding, straightening, and bending rings. 6-1/4" long. 5/16" wide jaw. India.

No. 13612 \$7.00 each

Pliers - Wire Bending



Notched tip bends wire held in channeled tip on other end. 5-1/4". Rubber grips. India.

No. 30499 \$8.50 each

Pliers - Wire Coiling



Make consistent loops and coils without damaging wire. Hold wire with the flat jaw while rotating the round jaw to form the perfect loop. Stainless steel, comfort grips, and a standard step jaw. 5-3/4" long.

No. 29090 \$12.50 each

Pliers

Mini Wire Cutters- Light Duty



5" long with rubber handles. 1/2" long micro flush cutter blades allow for precise cuts in tight spaces. Durable quality will withstand heavy use. Cuts wires, zip ties, etc. Perfect for electronics work. China.

No. 34318 \$5.50 each

Pliers Stand

**Pliers Not
Included**



12-hole finished wood stand holds 6 pliers or other 2-handled tools. 3-5/8" x 6-7/8". India.

No. 32811 \$7.50 each

Power Tools & Accessories

Sherline Lathes & Mills

We offer the complete line of Sherline products.

The drive units are quiet and smooth with increased torque. Both machines are full featured and offer many accessories. Lathes include: New DC motor with speed control, pulleys, belt, face plate, lathe dog, two dead centers, two hex keys, tool post, high speed cutting tool, 3-jaw chuck, tailstock chuck and key, and instructions. Mills include: New DC motor with speed control and instructions. Call or visit our website for current pricing on all Sherline products.

Sherline products are drop-shipped directly from the manufacturer.

Sherline Miniature Milling Machines

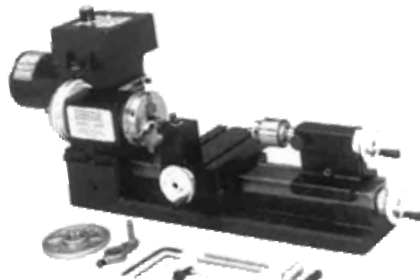


Mill Specifications	Inch	Metric
Table To Spindle Clearance	8.00"	203mm
Throat	2.25"	50mm
Travel "X" Axis	9.00"	228mm
Travel "Y" Axis	3.00"	76mm
Travel "Z" Axis	6.50"	165mm
Hole Through Spindle	.405"	10mm
Spindle Thread		3/4-16 T.P.I.
Spindle Taper		#1 Morse
Handwheel Graduations	.001"	.01mm
Spindle Speed Range		70-3000 RPM
Overall Width	14.50"	360mm
Overall Depth	12.00"	300mm
Overall Height	17.00"	430mm
Table Size	2.75" x 13."	70mm x 33mm
Hold Down Provision		(2) "T" Slots
Shipping Weight	27 lbs.	12.3 kg.

No. 16498 #5000 Inch \$775.00

No. 16497 #5100 Metric \$775.00

Sherline Miniature Lathes



Lathe Specifications	Inch	Metric
Swing Over Bed	3.50"	90mm
Swing Over Carriage	1.75"	45mm
Distance Between Centers	8.00"	200mm
Hole Through Spindle	.405"	10mm
Spindle Nose Thread		3/4-16 T.P.I.
Spindle Nose Taper		#1 Morse
Cross Slide Travel	2.25"	57mm
Tailstock Spindle Travel	1.50"	38mm
Tailstock Spindle Taper		#0 Morse
Protractor Graduations	0° to 45°	By 5°
Handwheel Graduations	.001"	.01mm
Spindle Speed Range		70-3000 RPM
Length Overall	12"	460mm
Width Overall	7-1/2"	190mm
Height Overall	6"	150mm
Shipping Weight	20 lbs.	9.1 kg

No. 16500 #4000A Inch \$803.50

No. 16499 #4100 Metric \$803.50

Lathe Belting - Leather



Sold by the foot. Please specify length.

No. 30981 5/64" (2mm) \$1.75 foot

No. 17640 1/8" (3mm) \$2.00 foot

Lathe Belting - Plastic



Join at ends by heating a flat spatula over flame with ends of the belt touching the spatula. Remove spatula to form a strong, smooth running, endless belt. Sold in 3-foot lengths.

No. 14321 1/8" Dia. \$3.50 roll

No. 18220 3/16" Dia. \$4.50 roll

Lathe Belting - Green Polycord



Premium quality with a non-slip surface. Easily joined with heat. 3-foot lengths.

No. 19511 3mm Dia. \$9.00 roll

No. 19512 5mm Dia. \$19.00 roll

Lathe Pivot Polishing Arbor Set



10 brass arbors in a wood storage box. Arbors have a recessed flat half-round end to support pivots for polishing. Held in the lathe tailstock with a 5/16" or #80 collet. For pivot sizes .024" to .116" (0.6-2.9mm). USA.

No. 32146 \$72.00 set

Prying & Punching

Corner Chisel



A slight hammer tap provides perfect alignment for straight corners. Ideal for hinge plates. 5/8" working depth. 2-3/4" x 1-1/8" x 1-1/8" aluminum base. China.

No. 10453 \$8.00 each

Pry Bars



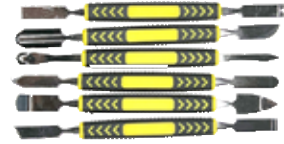
2-piece set. Knurled handles for removing hands or pinions.

No. 32796 4" long \$21.25 set

No. 23311 5-1/8" long \$25.50 set

No. 30492 8" long \$27.50 set

6-Piece Mini Pry Bar Set



5-3/4" long with 3" long handles. Double ended tools include Pointed, Round Head, Oblique Head, Arc Round Head, Fine Tip, Spoon, Short Hair, and V-head configurations. Many shop uses. China

No. 34306 \$11.00 pack

Centering Punch



Steel with a knurled handle. 4" long. India.

No. 13446 \$3.00 each

Centering Punch - Automatic



Adjustable for hard or light stroke. 5-1/2" long. Steel point.

No. 13445 \$7.50 each

Power Punch Kit



7 sets of punches and dies hardened to C-50-52. Sizes 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", and 9/32". Will pierce up to 16 gauge steel. In a molded plastic carrying case.

No. 23813 \$38.50 kit

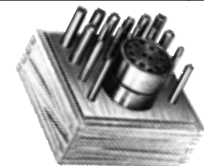
Punch Set-Hole Closing



7 spring loaded punches. Reduces the diameter and hardens bushing holes. India.

No. 13415 \$70.00 set

Clock Punch & Staking Set



16 assorted hardened steel punches with a large steel anvil/riveting stake. Housed in a polished hardwood storage stand. India.

No. 15478 \$84.00 set

Reamers & Countersinks

10-Piece Diamond Reamer Set



Various sizes for opening holes up to .088" diameter. Hold in a pin vise or drill. 2" long with a diamond length of approximately 1". China.

No. 29069 \$6.00 set

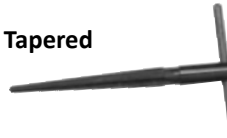
Reamer & Countersink



3/4" five flute tool steel cutter for brass plates. Deburrs and countersinks. 5" long. USA.

No. 18701 \$13.00 each

Reamer - Tapered



3/16" to 1/2" capacity. Hardened and ground steel. India.

No. 13528 \$7.50 each

Sanding & Polishing

Half Round Sanding Buffs



Tapered 3/4" x 9-1/4" wood. 4-1/4" sanding surface. India.

No. 33660 Finest 6/0
 No. 33661 4/0
 No. 33662 3/0
 No. 33663 2/0
 No. 33664 1/0
 No. 33665 1
 No. 33666 2
 No. 33667 Coarsest 3
\$3.00 each \$8.25/ 3 (\$2.75)

Sanding Buffs



Emery paper glued to wood sticks. 10" long and 7/8" wide. India.

No. 29224 Finest #6/0
 No. 29223 #5/0
 No. 13570 #4/0
 No. 13571 #3/0
 No. 13572 #2/0
 No. 13573 #1/0
 No. 13574 #1
 No. 13575 #2
 No. 13576 #3
 No. 29225 Coarsest #4
\$1.00 each \$5.10/ 6 (85¢)

10-piece assortment (1 each of above sizes).
 No. 33174 \$8.00 pack

Arkansas Stone



8.6mm (.340") x 3". Triangular oil stone. India.
 No. 12363 \$16.00 each

Emery Paper



9" x 11". Use on sanding buffs. India.

No. 32077 Finest #6/0 75¢ each
 No. 32078 #5/0 75¢ each
 No. 32079 #4/0 75¢ each
 No. 32080 #3/0 75¢ each
 No. 32081 #2/0 75¢ each
 No. 32082 #1/0 75¢ each
 No. 34159 #320 75¢ each
 No. 32104 #220 75¢ each
 No. 32103 #150 75¢ each
 No. 32102 #120 75¢ each
 No. 32101 Coarsest #100 75¢ each
\$3.00/ 6 (50¢)

Wood Mandrel For Emery Shells - Closeout



3/4" diameter tapering to 1/4" x 4-5/16" long with 3/16" mounting hole. India. Was \$1.50.

No. 33375 50¢ each

Pegwood - India



Can be sharpened to a point. No. 23452 has 24 5-3/4" sticks, No. 29485 has 10 pieces. India.

No. 23452 3.30mm Dia. \$4.00 pack
 No. 29485 5.00mm Dia. \$4.00 pack

Pegwood - Italy



10-piece packs. Better quality. Italy.
 No. 33793 2.0mm Dia. \$6.00 pack
 No. 33794 2.5mm Dia. \$6.25 pack
 No. 33795 3.0mm Dia. \$6.50 pack
 No. 33796 4.0mm Dia. \$7.50 pack
 No. 33797 5.0mm Dia. \$8.50 pack
 No. 33798 6.0mm Dia. \$9.50 pack

Pithwood



10-piece assortment. Various sizes. India.
 No. 15812 \$3.50 pack

Pithwood



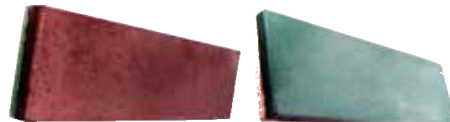
Five 4" long sticks in various diameters. India.
 No. 22933 \$4.50 pack

India Stone



4" x 1" x 1/2" thick aluminum oxide stone for sharpening gravers.
 No. 20016 \$15.50 each

Jeweler's Polishing Stone



7/16" T x 5" L. Red is finer than green. India.
 No. 31011 Red \$8.00 each
 No. 31012 Green \$8.50 each

Sharpening Stone - Closeout



6" x 2" x 1" silicon carbide. Use to sharpen, grind or polish. Fine on one side. Coarse on the other. China. Was \$6.50.

No. 13831 \$3.25 each

Saws & Related

Jewelers Saw Frames



Serrated clamps hold blades firmly. Adjustable to allow blade to be drawn tight and to reuse broken blades. India.

No. 13438 ... 2-1/4" Deep \$12.00 each
 No. 13587 3" Deep \$12.00 each
 No. 13588 4" Deep \$13.00 each
 No. 13437 5" Deep \$14.00 each

Saw Blade Assortment



72 piece assortment. 5-1/4" blades fit a 6" saw. 12 pieces each: 4/0, 3/0, 2/0, 0, 1, 2 and 3. India.
 No. 31008 \$4.50 pack

Jeweler's Saw Blade 144-Piece Assortment



5-1/4" blades to fit 6" saw. 24 pieces each of sizes 4/0, 3/0, 2/0, 0, 1 and 2. India.
 No. 29250 \$8.50 pack

Saw Blades



Hardened and tempered alloy steel. 5-1/4" long. Sold in 12-packs. India.
 No. 24670(Finest).... #6/0 \$3.00 pack
 No. 24671 #5/0 \$3.00/pack
 No. 13539 #4/0 \$2.65 pack
 No. 13540 #3/0 \$2.40 pack
 No. 13541 #2/0 \$2.40 pack
 No. 13542 #0 \$2.40 pack
 No. 13543 #1 \$2.40 pack
 No. 13544 #2 \$2.40 pack
 No. 13545 #3 \$2.40 pack
 No. 13546 #4 \$2.45 pack
 No. 13547 #5 \$2.65 pack
 No. 13548(Coarsest).... #6 \$2.90 pack

Scrapers, Scribers & Scratch Awls

Engraver Pen



Identify your property. 7" diamond point plastic engraver. Works on metal, plastic, glass and wood. With 3 different points. Runs on 2 AA batteries, not included.

No. 32453 \$6.50 each

Scriber Set



2-piece set. Ring and hook scriber with hardened points. 8-1/2" long. Colored anodized knurled aluminum grips. China.

No. 29066 \$4.00 set

Scriber - Carbide



For marking metal. 4-1/2" long. India.

No. 13478 \$4.00 each

Scratch Awl



7" chrome vanadium blade, Hardwood handle.

No. 16673 \$3.50 each

Screwdrivers & Related

Screwdriver - Slotted Fixed Head - Closeout



Nickel. 2-5/8" long. Knurled body for easy grip. Blade size shown. Was \$1.00.

No. 33543 2.2mm 25¢ each

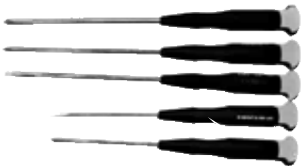
Screwdriver - Slotted Swivel Head - Closeout



Nickel. 2-7/8" long. Knurled body for easy grip. Blade size shown. Was \$1.00.

No. 01323 1.4mm 25¢ each

5-Piece Precision Screwdriver Set



6-1/2" longest. Chromed vanadium. Swivel heads. Includes #00, #0, #1 Phillips, 3/32", 1/8" slotted. Asia.

No. 19520 \$25.00 set

5-Piece Screwdriver Set



2-3/8" longest. Reversible, flat blade screwdrivers with swivel heads. Plastic box. .80mm, .90mm 1.0mm, 1.20mm and 1.40mm. India

No. 17621 \$3.50 set

6-Piece Super Long Screwdriver Set



Color coded. Plastic handles. One phillips and one slotted driver each in 6-1/2", 7-1/2" and 9-1/2" lengths. China.

No. 14503 \$4.50 set

6-Piece Screwdriver Set



Flat blade. 4-3/8" longest. Hardwood case. Swivel heads. Sizes #1 to #6. India.

No. 17623 \$9.50 set

9-Piece Screwdriver Set



Knurled precision screwdrivers 3-1/4" long. Jewelers sizes. Flat hardened blades. Plastic storage pouch. India.

No. 29160 \$8.00 set

9-Piece Screwdriver Set



Color coded. Flat blades. 3-3/8" longest. Sizes .50mm to 2mm with extra blades. Hardwood case. India.

No. 17622 \$23.50 set

9-Piece Screwdriver Set On A Base



Swivel heads. Color coded. With spare blades. .50mm thru 2.00mm. Flat blades. India.

No. 16971 \$19.50 set

9-Piece Screwdriver Set - Jewelers, Watchmakers & Clockmakers



Precision color coded 4-1/2" screwdrivers in a rotating stand. Hex heads with set screws. Blade widths from 0.60mm to 3.0mm. Includes extra blades and set screws. France.

No. 13474 \$70.00 set

Replacement Screwdriver Blades



For **No. 13474** and others. 9 blades .60mm to 3.0mm. India.

No. 13475 \$5.50 set

Universal Screw & Nut Grabber



Expandable jaws grip small size and shape lock nut, hex nut, cap nut or round nut. Doubles as a screw starter. Grips the smallest screws. 3-3/4" long. Pakistan.

No. 33442 \$12.00 each

Screw Holding Screwdrivers



Holds and starts screws. The metal tube around the blade adds strength. Plastic handle. USA.

No. 19325 .. For #0-80 & Larger \$10.50

No. 13553 .. For #4-40 5" Long \$11.00

No. 13552 .. For #4-40 10" Long \$12.00

Screwdriver Blade Sharpener



Sharpen blades by rolling the tool over an Arkansas stone (not included). India.

No. 13529 \$4.50 each

Wood Tool Stand

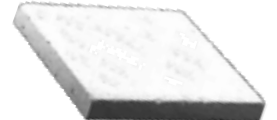


Holds your most used tools. 13 holes. 8" long x 1-1/2" wide x 1-1/2" tall.

No. 15410 \$10.50 each

Soldering Supplies

Soldering Pad - Asbestos Free



High purity ceramic. Temperature tolerance to 2000°F. Resistant to molten metals, most chemicals and solvents. Protects workbenches. Cools in minutes. 6" x 6" x 1/2". India.

No. 14331 \$15.00 each

Solder Pik



Special alloy prevents sticking and contamination. For all precious metals. 7" long. India.

No. 14880 \$4.00 each

Solder Wire Set



Contains 4 coils. Alloy: 40% tin and 6% lead. 1.2mm diameter. China.

No. 32088 \$4.00 set

Stay-Brite Silver Solder



Low temperature silver solder flows at 430°F. Flux is included. 0.5 oz. **NOTE:** Pricing subject to change based on fluctuating silver market.

No. 13727 \$42.50 each

Soldering Supplies

Tix Solder



One of the hardest solders available. Melts at 275°F and holds 4300 lb. per square inch. Will not tarnish. 20-3" sticks in a package.

No. 13769 \$15.00 pack

Tix Anti Flux



Limits the spread of solder to unwanted areas. Protects previously soldered joints.

No. 14971 1/2 oz. \$4.50 each
No. 17862 2 oz. \$6.00 each

Tix Flux



Non-corrosive and harmless to hands or clothing. Washes off with water.

No. 13770 1/2 oz. \$4.00 each
No. 17861 2 oz. \$6.00 each

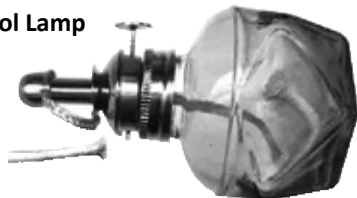
Silver Bearing Solder Paste



Solders most metals. Flows freely and smoothly at 430°F. Excellent conductivity. Tensile strength: 10,000 to 25,000 PSI. 7.1 gr syringe.

No. 29294 \$8.00 each

Alcohol Lamp



Glass. Adjustable wick for heating and melting. 3" tall x 2-1/2" square. India.

No. 13472 \$8.00 each

Replacement Wick

3/16" wick for No. 13472 lamp.

No. 15661 75¢ each

Soldering Iron



Solderpro™50 is a portable butane (not included) powered heating tool. The flint igniter is in the safety cap. Compact for access to tight areas. 30-minute burn time per fill. Visible fuel tank. 30W to 70W power range. 410°F to 750°F tip temperature. The cover converts to a stand to hold the iron.

No. 29303 \$33.50 each

Taps, Dies, Tap Drills-Inch & Metric

Precision made. For use on clocks and watches in hard to find sizes.

Size	Die #	Die Price	Tap #	Tap Price	Tap Drill #	Drill Size	Tap Drill Price
0-80NF	No. 17568	\$9.00	No. 17575	\$7.50	No. 13505	#61	\$1.50
1-72NF	No. 17569	\$9.00	No. 17576	\$7.50	No. 13499	#55	\$1.50
2-56NC	No. 17570	\$9.00	No. 17577	\$7.50	No. 13497	#53	\$1.50
2-64NF	No. 12518	\$9.00	No. 17578	\$7.50	No. 13494	#50	\$1.50
3-48NC	No. 17571	\$9.00	No. 10837	\$7.50	No. 13494	#50	\$1.50
4-40NC	No. 17572	\$9.00	No. 17579	\$7.50	No. 17583	#47	\$1.50
6-32NC	No. 17573	\$9.00	No. 17580	\$7.50	No. 17584	#43	\$1.50
8-32NC	No. 17574	\$9.00	No. 10838	\$7.50	No. 17585	#36	\$1.50
M1.0x.25	No. 17586	\$12.50	No. 17594	\$7.50	No. 17551	0.75mm	\$2.00
M1.2x.25	No. 17587	\$12.50	No. 17595	\$7.50	No. 17555	0.95mm	\$2.00
M1.4x.30	No. 17588	\$12.50	No. 17596	\$7.50	No. 17556	1.10mm	\$2.00
M2.0x.40	No. 17590	\$12.50	No. 17598	\$7.50	No. 17561	1.60mm	\$2.00
M2.5x.45	No. 17592	\$12.50	No. 17600	\$7.50	No. 17565	2.00mm	\$2.00
M6.5x1.0	No. 29856	\$15.00	No. 18969	\$12.50	No. 18971	5.40mm	\$6.50

Torch Micro-Butane



Small, powerful torch reaches temperatures of 2450°F. The piezo-electric igniter lights torch instantly. 45-65 minute burn time.

No. 18219 \$29.50 each

Taps, Dies & Related

Jeweler's & Watchmaker's Micro Taps

Hard to find high speed steel taps in the most common micro sizes. 13/16" long. China.

No. 27169 M 0.4 x 0.1 \$12.50 each
No. 27170 ... M 0.5 x 0.125 \$12.50 each
No. 27171 M 0.6 x 0.15 \$12.50 each
No. 27172 ... M 0.7 x 0.175 \$12.50 each
No. 27173 M 0.8 x 0.2 \$12.50 each
No. 27174 ... M 0.9 x 0.225 \$12.50 each

Taps & Tap Drills For Gong Bases



For drilling and tapping cast iron bases when installing new 6.5mm chime rods.

No. 18971 5.4mm Tap Drill \$6.50
No. 18969 6.5mm x 1 Tap \$12.50
No. 29856 M6.5x1.0 Die \$15.00

Tap Set



4-piece tungsten steel set includes #00-90, #0-80, #1-72 and #2-56 taps.

No. 17604 \$20.00 set

Tap & Die Sets



5 taps with a corresponding die in millimeter sets. Economical quality. India.

No. 23910 .. 0.6mm to 1.0mm set \$6.50
No. 23911 .. 0.8mm to 1.2mm set \$8.50
No. 23912 .. 1.4mm to 1.6mm set \$6.00



Tap & Die Set



14 taps and a die in sizes 0.7mm to 2.0mm.

No. 23445 \$16.00 set

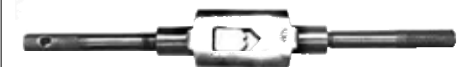
Tap & Die Set - Metric



31-piece set includes 2 taps for each die in sizes 1.0mm, 1.1mm, 1.2mm, 1.4mm, 1.6mm, 1.8mm, 2.0mm, 2.2mm, and 2.5mm. With a tap wrench, a die holder, and 2 die stock inserts. In a plastic storage box. Made in China.

No. 34278 \$58.50 set

Tap Wrench



Hold taps securely.

No. 17747 \$7.50 each

Die Stock



13/16" die stock.

No. 17749 \$5.50 each

Tweezers

Tweezers

Anti-magnetic stainless tweezers. India.

No. 32791 #1 5" Long \$2.00

No. 32792 #2 5" Long \$2.00

No. 31026 #3 4" long \$2.00

No. 31027 #3C 4-3/4" long \$2.00

No. 31028 #5 5" long \$2.00

Tweezers

No. 31029 #6 5" long **\$2.00**

No. 32798 #7 4-3/4" long **\$2.00**

No. 31030 #7A 4-3/4" long **\$2.00**

Tweezers - Brass

No. 32799 #3 4-3/4" Long **\$3.00**

Tweezers - AA Soldering

Solder will not stick. AA pattern. 5" long. India.
No. 13595 **\$2.25 each**

Tweezer - #7C Curved Tip

4-1/2" non-magnetic S/S. Great for detail work.
No. 29242 **\$3.50 each**

Tweezers - Diamond Style

6-1/2" long. Serrated fine tip. India.
No. 23444 **\$2.50 each**

Tweezers - Heat Resistant

Heat resistant grips. 6-1/4". India.
No. 13596 Straight **\$3.00 each**
No. 13597 Curved **\$3.00 each**

Tweezers - Nickel Locking - Closeout

6-3/4" cross locking tweezers. India.
No. 13602 **\$1.50 each**

Tweezers - Plastic

Won't rust. 5" light weight. Resists alcohol, acetone and solutions containing nitric acid. Perfect for handling watch batteries. India.
No. 14397 **\$1.00 each**

Tweezers - Screw Holding

4-3/4". Hold and start screws. India.
No. 20486 **\$4.00 each**

Tweezers - Soldering

Fiber grip with wire stand attached. Holds items stable. 6-1/2" long. India.
No. 10149 **\$4.50 each**

Tweezers - Utility

For assembling movements or where long reach is necessary. India.
No. 13601 **\$3.00 each**

Rubis Swiss Tweezers - Closeout

Magnetic carbon steel. Inox alloy. Swiss.
No. 33144 Style H Short 3-1/2" Fine
Was: **\$30.00** Now: **\$10.00 each**

No. 33253 Pattern 5 4-3/8" Long Super thin-tips
Was: **\$20.00** Now: **\$7.50 each**

No. 33143 #12 Fine Point Tweezers
Was: **\$36.00** Now: **\$12.00 each**

No. 33254 . Pattern 3 5-1/8" Long Thin tips
Was: **\$20.00** Now: **\$7.50 each**

No. 33252 Pattern 3C 4-1/2" Long Short thin-tips
Was: **\$20.00** Now: **\$7.50 each**

Swiss Tweezers - Closeout

Carbon steel. Swiss. Was **\$17.50 each**.
No. 33255 Pattern X Anti-magnetic 3-5/8" Long
\$5.00 each

French Pattern RR Tweezers - Closeout

Nickled magnetic carbon steel. 5-1/2" long. French. Was **\$12.50**.
No. 33257 **\$4.00 each**

India Tweezers - Closeout

4-3/4" stainless steel. Pattern BB. Was **\$4.50**.
No. 00516 **\$2.00 each**

4-1/4" stainless steel. Curved Tip. Was **\$4.00**.
No. 00515 **\$2.00 each**

6-3/4" long. Magnetic stainless. Serrated tips and body. Curved tip. Was **\$4.50**.
No. 33358 **\$1.50 each**

5-3/4" long. Magnetic stainless. Serrated tips and body. Curved tip. Was **\$4.50**.
No. 33383 **\$1.50 each**

6" long stainless steel long point tweezers. Was **\$6.00**.
No. 33296 **\$2.00 each**

4-Piece Tweezer Set

High quality, non-magnetic SS. Includes 4-1/2" long #1, #3, #5 and #7SA. Wood box. India.
No. 32052 **\$10.00 set**

Brass 5-Piece Tweezer Set

Contains 1 each of 3, 5, AA, MM and NN. 5-1/8" long. India.
No. 34253 **\$12.00 set**

5-Piece Tweezer Set

5" all purpose stainless steel non-magnetic. Includes AA, MM, NN, #3 and #5. India.
No. 19276 **\$6.50 set**

12-Piece Tweezer Set

12 of the most popular styles of stainless tweezers in a plastic storage pouch. India.
No. 23612 **\$13.50 set**

Vises & Related

Crows Foot

Use in a vise to remove wheels. 4-1/4" tall with a 3-1/2" extension. India.
No. 19880 **\$10.50 each**

Hand Vise

Adjustable. Serrated jaws. 5" long. The hollow handle allows you to hold long parts. India.
No. 13425 **\$6.00 each**

Hand Vise

Wood grip. Screw adjustment opens jaws to 1/8" to hold small parts. 5-3/4" long. India.
No. 32059 **\$10.00 each**

Vises & Related

Drilling, Filing & Sanding Fixture



4" aluminum base. 1/2" thick. Adjustable, sliding hold-down plate. Use with drill press or clamp to bench. Holds hands and other small parts to facilitate filing, drilling, sanding, etc.

No. 30440 \$27.00 each

Table Vise



Aluminum. 1-1/2" jaw width x 1-1/4" opening. Clamps for table or bench mounting up to 3/4" thick. China.

No. 29379 \$11.50 each

Hand Vise



4", spring loaded. Holds small parts while repairing, polishing or grinding. India.

No. 18421 \$7.50 each

Watch Tools

Quartz Watch Jam Release Tool



Place watch on plastic grill. Press red button for no more than 10 seconds. Will free up many jammed quartz movements. 2-AA batteries included. 1-3/8" x 2" x 2-5/8". India.

No. 32807 \$13.50 each

Bracelet Holder



2" x 2-1/2" x 1" Thick. Plastic. For different width watch bands. 4 tubes to store pins when removing or inserting watch band pins. India.

No. 34053 \$3.00 each

3-Piece Watch Case Opener Set



Includes a standard case knife, an adjustable case back opener, and a 10X loupe. China.

No. 31082 \$7.50 set

5-Piece Watch Band Repair Kit



Includes 2" x 2" plastic watch band holder, 3 pin punches (0.8mm, 0.9mm and 1.0mm x 2" long), and a 7-3/4" metal/nylon head hammer. Also great for watch band resizing. China.

No. 34274 \$5.50 kit

16-Piece Watch Repair Kit



Includes a non-magnetic tweezer, 2 case openers, 3-piece blade screwdriver set, phillips screwdriver, mini blade screwdriver, pin remover, pin pusher, 3 pin punches, watch hammer, mini long nose pliers, and a metal strap holder block. China.

No. 31081 \$10.50 set

21-Piece Watch Repair Kit



Contains an 8" watch hammer with metal and nylon head, a double end spring bar, 4 pin punches (0.7mm, 0.8mm and 2-0.9mm), a watch link remover, 12 extra 0.8mm pins, and a watch band holder block.

No. 32411 \$9.50 set

Dapping Block



2-1/4" hardwood. Two 4" punches. Removes dents from watch cases and metals. India.

No. 13470 \$6.00 set

Watch Case Opener Kit



With a 5-1/2" universal wrench, 4 clamp sets (und, flat, square and toothed), and 15 bits. Wood case. China.

No. 34275 \$8.00 kit

Jaxa Style Water Proof Case Wrench



12 jaws, 3 each of 4 different types. In a hardwood box. 5-1/2" long. India.

No. 14962 \$16.50 set

Watch Case Opener - Double Sided



Adjustable metal opener. 2-3/8". India.

No. 17883 \$5.50 each

Watch Case Opener



Opens and tightens quartz watch case backs with opposing slots. Adjustable to 1-1/2" wide. 6-1/4" L x 1/2" W. Provides grip and leverage.

No. 29262 \$6.50 each

Watch Case Opener



Tempered blade. Non-roll handle. 4-1/2" long.

No. 13554 \$3.50 each

Watch Case Opener



Tempered blade. Rubber handle. 4-1/2". India.

No. 19264 \$3.00 each

Case Opener - Closeout



4-3/4" stainless steel, curved blade type case opener. India. Was \$3.00.

No. 33367 \$1.00 each

Watch Case Opener - Snap Back



Handy pocket tool. 3" long. India.

No. 16977 \$3.50 each

Push Back Case Opener



8mm wide blade. 2-1/2" L. Rubber grip. India.

No. 34051 \$4.00 each

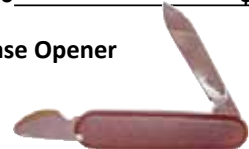
Watch Case Opener - Suction



Opens waterproof and screw back watch cases. Hand pressure and a jerky turn opens most cases. Non-marring rubber end. 4" long. India.

No. 14900 \$4.50 each

Watch Case Opener



One blade is a sharp knife and a second is designed to open snap back watch cases.

No. 14919 \$16.50 each

Watch Case Opener - Vacuum



Rubber opener has two sides. Will open 0 through 18 sizes. 2" diameter. India.

No. 13555 \$3.50 each

Crab Case Opener



Opens to 55mm (2.165"). With 8 Jaxa style jaws and thumb adjustment. 1-5/8" x 3". India.

No. 34052 \$7.50 each

Watch Tools

Watch Case Opener - Waterproof



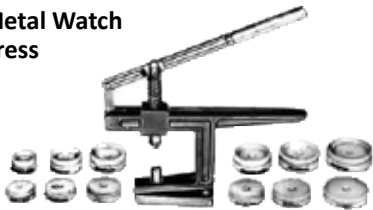
Adjustable 2-notch type. Opens to 50mm (2"). 2 -5/8" long. India.
No. 15878 \$5.50 each

Jumbo Case Opener



Opens to 70mm (2.75") with thumb adjustment. 1-1/4" x 3-1/4" metal body. India.
No. 33473 \$8.00 each

Metal Watch Press



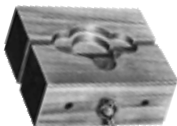
Includes 12 two-sided nylon dies (24 sizes). For use on flat or raised crystals. Won't scratch crystals or cases. India.
No. 15301 \$26.00 set

Watch Movement Holder



12 plastic rings for holding pocket watch movements. From 7.5 to 22.5 ligne. India.
No. 13557 \$4.00 each

Watch Movement & Case Holder



Hardwood adjustable holder. 3" x 3". India
No. 16976 \$7.50 each

Watch Movement Holder



Spring loaded. Holds watches in place for easy repair. With 4 non-marring nylon positioning posts. 4-1/8" long. India.
No. 29372 \$7.50 each

Spring Bar Tool



5" steel body. 2 pins on body plus 4 extra pins in plastic storage case. China.
No. 32139 \$6.00 each

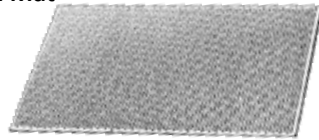
Spring Bar Tool



Plastic with inch and millimeter scales. India.
No. 14970 5-3/4" Long \$4.00 each

Workbench & Related

Bench Mat



10" x 14" non glare material. India.
No. 14936 \$21.50 each

Bench Blower - Rubber



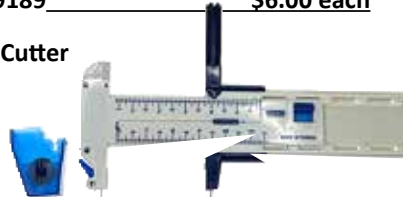
Valve in tip provides a strong air stream. India.No. 15800 .. 5-1/2" Long \$3.50 each

Blow Brush



5-1/2". Brush attachment for sweeping debris from hard to reach places. China.
No. 29189 \$6.00 each

Circle Cutter



An expanding beam sets with slide rule accuracy. Sharp pivot point and 5 interchangeable blades and 3 pencil tips (included). Draw or cut circles up to 11-1/2" diameter. Works on paper, card, plastic, thin wood sheets and cloth. Taiwan
No. 17737 \$11.00 each

Adhesives & Related

Dial Adhesive



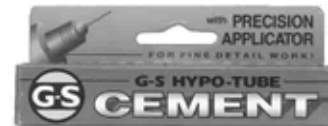
Perfect for gluing paper dials to dial pans. A light coat is all you need. 10-1/2 oz. Cannot be shipped by air.
No. 13725 \$17.00 each

Bondini Glue-Extreme 3G Tube



Exceptional bonding strength. Bonds in seconds. Works on most porous, nonporous, and uneven surfaces. Works on oily and dirty surfaces without cleaning. Fills gaps too. Use on metals, leather, ceramics, wood, jewelry, fabrics, etc. Xtreme-3®. 3g Tube.
No. 29925 \$6.00 each

Crystal Cement - G & S



Great for watch crystals. 1/3 fl. oz. Dries clear.
No. 13721 \$5.50 each

J-B Weld



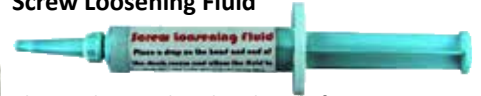
Easy to use 2-part system sets up in 15 minutes. Can drill, file, nail, sand and machine. Hardens like steel. Two 1-ounce tubes.
No. 20676 \$8.00 set

Jewelry Epoxy



Extra strength. Will not shrink. Unaffected by water or petroleum. Withstands temperatures of 175°F. Dries clear in 5 minutes. 4 fl. oz.
No. 15330 \$6.50 set

Screw Loosening Fluid



Place a drop on head and end of screw. Allow to sink in to break bonds. 6cc plunger applicator.
No. 16536 \$7.50 each

Screw Grab™



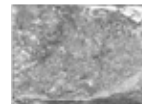
Works instantly. One dab on a damaged screw head provides instant torquing power for easy removal. A drop on a screwdriver can increase torque up to 400%. Not a glue. Wipes clean. No staining. Odorless, non-toxic, non-corrosive. Unlimited shelf life. 0.5 fl. oz. bottle.
No. 29298 \$7.50 each

#847 Rubber Adhesive For Golden Hour Clocks



For adhering the glass to the gear ring on Golden Hour clocks. 5 fl. oz. tube.
No. 29806 \$32.00 each

Shellac Flakes



1/2 oz. bag. Holds roller jewels, pallet jewels and other small parts.
No. 14373 \$2.00 pack

Shellac Stick



For setting small stones and jewels in pallets. Heat to apply. 7" long. England.
No. 15464 \$16.50 each

Batteries-Watch & Specialty

Factory fresh replacements to fit the numbers specified.

Silver Oxide Batteries					
Part #	Battery #	Battery # Conversion	Price Each	Price 5	Price 10
No. 18073	SP301/386	SR43SW/SR43W	\$3.00	\$14.75	\$29.00
No. 18084	SP303/357	SR44SW/SR44W	\$3.50	\$17.25	\$34.00
No. 18061	SP309/393	SR754SW	\$2.75	\$13.50	\$26.50
No. 18070	SP315	SR715SW	\$2.00	\$9.75	\$19.00
No. 18085	SP317	SR516SW	\$1.50	\$7.25	\$14.00
No. 18077	SP319	SR527SW	\$1.50	\$7.25	\$14.00
No. 18050	SP321	SR616SW	\$1.50	\$7.25	\$14.00
No. 18103	SP329	SR731SW	\$2.00	\$9.75	\$19.00
No. 18091	SP335	SR512SW	\$2.25	\$11.00	\$21.50
No. 18116	SP337	SR416SW	\$4.50	\$22.25	\$44.00
No. 18092	SP341	—	\$3.50	\$17.25	\$34.00
No. 18079	SP344/350	SR136SW	\$4.50	\$22.25	\$44.00
No. 18093	SP346	SR712SW	\$3.50	\$17.25	\$34.00
No. 18054	SP361/362	SR721W/SR721SW	\$1.75	\$8.50	\$16.50
No. 18055	SP363/364	SR621SW	\$1.75	\$8.50	\$16.50
No. 18107	SP365	SR1116W	\$3.50	\$17.25	\$34.00
No. 18057	SP370/371	SR920SW/SR921SW	\$2.00	\$9.75	\$19.00
No. 18071	SP372/373	SR916W/SW916SW	\$2.25	\$11.00	\$21.50
No. 18058	SP376/377	SR626W/SR626SW	\$1.50	\$7.25	\$14.00
No. 18078	SP379	SR521SW	\$1.50	\$7.25	\$14.00
No. 18076	SP380/394	SR936SW	\$2.50	\$12.25	\$24.00
No. 18074	SP381/391	SR1120SW/SR1120W	\$2.25	\$11.00	\$21.50
No. 18066	SP384/392	SR41SW/SR41W	\$1.50	\$7.25	\$14.00
No. 18087	SP387S	—	\$5.50	\$27.25	\$54.00
No. 18059	SP389/390	SR1130W/SR1130SW	\$2.25	\$11.00	\$21.50
No. 18061	SP393/309	SR48W/SR927SW/	\$2.75	\$13.50	\$26.50
No. 18062	SP395/399	SR927W/SR726W/	\$2.75	\$13.50	\$26.50
No. 18064	SP396/397	SR726SW	\$2.00	\$9.75	\$19.50

Lithium Batteries					
Part #	Battery #	Battery # Conversion	Price Each	Price 5	Price 10
No. 18127	BR1225	L09	\$2.00	\$9.75	\$19.00
No. 18117	CR1025	L44	\$1.75	\$8.50	\$16.50
No. 18097	CR1216	L40	\$1.75	\$8.50	\$16.50
No. 18118	CR1220	L04	\$1.75	\$8.50	\$16.50
No. 18089	CR1616	L28	\$2.00	\$9.75	\$19.00
No. 18111	CR1620	L08	\$2.25	\$11.00	\$21.50
No. 18112	CR2012	L42	\$3.75	\$6.00	\$37.50
No. 18090	CR2016	L10	\$1.50	\$7.25	\$14.00
No. 18099	CR2025	L12	\$1.50	\$7.25	\$14.00
No. 18100	CR2032	L14	\$1.50	\$7.25	\$14.00
No. 18119	CR2320	L26	\$2.00	\$9.75	\$19.00
No. 18120	CR2430	L20	\$2.75	\$13.50	\$26.50

Lithium Batteries Cannot Be Shipped By Air Domestically Or Internationally

Alkaline Batteries					
Part #	Battery #	Battery # Conversion	Price Each	Price 5	Price 10
No. 18114	LR43	A03	\$4.00	\$19.75	\$39.00
No. 18115	LR44	A01	\$1.00	\$4.75	\$9.00

**You Can Find The
AWI Battery Cross Reference Guide On
Page #117**

Self Winding Clock Co. Batteries



No. 29426

No. 29425

Fits most Self-Winding Clock Company models with one battery holder. 2 "D" batteries not included. Sold in sets of two.

No. 29426 \$94.50 set

Self Winding Clock Co. Battery & Synchronizer

Two No. 6 battery units fit into battery cavities. Includes 3-volt battery container and a synchronizer as illustrated. Powers and synchronizes Self Winding clock which must have a built in synchronizing device in place. 2 "D" batteries not included. With instructions.

No. 29425 \$140.00 set

Batteries



Brand shown may be different than brand we ship, dictated by availability.

No. 20658 .. "AAA" Alkaline 4-pack **\$4.25**

No. 11712 "AA" Alkaline 4-pack **\$4.00**

No. 10636 "C" Alkaline 2-pack **\$4.50**

No. 11207 "D" Alkaline 2-pack **\$5.50**

No. 11663 "N" Alkaline 2-pack **\$4.00**

No. 23355 9 Volt 1-each **\$3.50**

Horolovar Style Batteries



No. 10602

No. 10603

For Kundo and Junghans battery clocks.

No. 10602 .. #8 or #9 4" x 3-1/4" x 3/4"

\$35.00 each

No. 10603 #10 or #3 1-1/2" x 1-1/2" x 4"

\$32.50 each

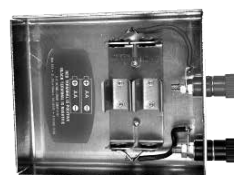
Battery Assortment



24-piece assortment contains 4 pieces each of popular sizes: #357, #364, #377, #386, #389 and #392.

No. 34216 \$3.00 pack

Battery Converter



Replacement for #8 or #9 battery. Insert 2 "AA" batteries (not included) and place the converter into the base of the clock.

No. 23290 \$22.00 each

Watch Battery Changing Kit



3 types of case openers, plastic tweezers, "AA" tweezers, screwdriver, pliers, and cleaning brush in a storage pouch. India.

No. 16546 \$12.00 each

Battery Tester



For all watch and clock batteries, including 1.5 volt mercury, silver, lithium, and 9 volt. China.

No. 13802 \$7.50 each

Cell Tester



Tests 1.5V & 3V batteries. With indicator light.

No. 29431 \$3.50 each

Battery Gauge



Pass a button cell through the proper slot in the plastic gauge. Identifies the correct battery by size. 3-9/16" x 8-7/8". India.

No. 23463 \$4.00 each

Books

American Clocks/A Guide To Identification & Prices #1

By Tran Duy Ly

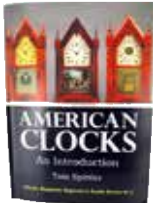
Original manufacturer's catalog illustrates clocks from Ansonia to Welch. Includes 2005 price update. 336 pages. Hard bound. **No. 15047** \$62.50 each



American Clocks, An Introduction

By Tom Spittler

Traces the manufacture of clocks in America from the earliest European settlers through the mass production of the 19th century. Includes sections on tall case clocks, banjo's, pillar and scrolls, shelf clocks, OG'S, spring clocks, etc. With a section on how clocks work. Heavily color illustrated. #3 in the Clocks Magazine series. Soft cover. 130 pages. **No. 32045** \$25.50 each



American Clocks #3

By Tran Duy Ly

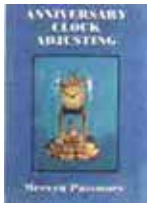
Milestone book illustrates American clocks from the early period of machine manufacture, the first half of the 19th century. Also includes sections on Ball, Lux and Keebler and Tiffany Never Wind. 352 pages. Hard cover. 2002 price list included. **No. 25009** \$62.50 each



Anniversary Clock Adjusting

By Mervyn Passmore

Addresses adjustments for 400-day clocks including set-up, the suspension, letting down the mainspring, escapement adjustment, etc. Fully illustrated. Soft cover. 75 pages. **No. 25022** \$15.50 each



Anniversary Clock Identification

By Mervyn Passmore

Must for collectors repairman. Richly illustrated. Identifies manufacturer and model of clock movements using makers' names, logos, and back plate width and height. Soft cover. **No. 15115** \$27.50 each



Ansonia Clocks

By Tran Duy Ly

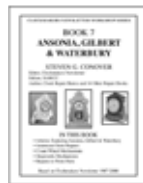
752 illustrated pages. The most complete listing available. From pocket watches to grandfather clocks. Original prices and current market values. With a brief history. Improved second edition. Hard cover with 2004 price update. **No. 15045** \$92.50 each



Ansonia, Gilbert & Waterbury

By Steven Conover

Book #7 of the Clockmakers Newsletter Workshop Series covers repairs made to clock mechanisms produced by 3 of America's largest 19th century manufacturers. Addresses tension springs, count wheel strike mechanisms, mainsprings, kitchen clocks, swinging arm clocks, rack and snail movements, OG clocks, shelf clocks, assembling strike gear trains, etc. Soft cover. 149 pages. **No. 32964** \$39.50 each



The Art Of Revipoting

By Robert Porter

Soft cover, 60 pages. Concentrates on revipoting for watches, but techniques are adaptable to clock repair, especially travel alarms, chronometers, and small high-grade clocks such as LeCoultre. Includes a section on 2 lathe attachments for making micro-drills which can be enlarged for larger lathes such as Sherline. **No. 25016** \$15.00 each



Atmos Repair Guide

Photocopied illustrated guide. 31 pages. **No. 15640** \$4.50 each



AWI Battery Cross Reference Guide

Must-have 50-page booklet lists most batteries. Helps select the proper watch battery. Includes the AWI reference numbers, dimension chart and substitution chart. Soft cover. **No. 15052** \$7.50 each



A Beginner's Guide To Clock Repair

By Ian Beilby

Based on author's acclaimed series that appeared in 2006 editions of Clocks Magazine outlining how a striking clock works. 64 pages. Soft cover. Covers movements, tools, materials, dismantling, cleaning, reassembly, re-bushing, escapements, mainsprings, pendulums, etc. Amply illustrated. **No. 29853** \$20.50 each



Beginner's Guide To Pocket Watches

By Ian Beilby

Based on acclaimed series that appeared in Clocks Magazine. Covers history and development of pocket watches, how they work, dismantling, cleaning, repairs, tools, dating, and valuation. Sections on English, Swiss and American pocket watches. Indispensable for collectors. 65 pages. Soft cover. **No. 12517** \$20.50 each



Building An American Clock Movement

By Steven Conover

For a 3-3/8" wide x 4" high non-striking movement with 6" pendulum, commonly used in shelf clocks. Excellent details for beginners and pros on tools and materials required, instructions to produce componentry, finishing, assembly and testing. Includes plans for Huckabee's Wheel Making Fixture and gear tooth fly cutters of Archie Perkins (AWCI). 155 photos. Spiral bound soft cover. 88 pages. 2000. **No. 32249** \$23.00 each



Calendar Clocks

By Tran Duy Ly

American calendar clocks and the companies that manufactured them. Profusely illustrated with patent drawings, original catalog illustrations and photographs. Includes a 2000 price update. 360 pages. Hard cover. **No. 25020** \$78.00 each



Chime Clock Repair

By Steven Conover

Guide to understand and repair European and American chime clocks. 126 pages. Soft cover. **No. 15158** \$29.50 each



Clock & Watch Trademark Index

By Karl Kochmann

989 pages. 18,000 European origin trademarks. Hard bound. 2001. **No. 15147** \$40.00 each



The Clock and Watch Makers Guide To Gear Making & Other Machines

By R.D. Porter

How to design gears and the cutters to make them. Learn to make an indexing attachment or form grinding tools for your lathe. Build a simple weight-driven clock from scratch. Loaded with examples and charts Soft cover. 170 pictures. 192 pages. **No. 25024** \$45.00 each



Clock Repair Basics

By Steven Conover

Begins with letting down the mainspring, disassembly, cleaning, repair and assembly. Basics on escapements, pendulums and bushings. Includes mainspring length formulas, lubrication and pendulum length guides. 92 pages, 158 photos and drawings. Soft cover. **No. 15168** \$24.00 each



Books

Clock Repairer's Handbook

By Laurie Penman



Excellent for diagnosing and repairing clocks. Tips for people with limited equipment. Over 250 illustrations. 176 pages. Soft cover.

No. 15161 \$19.50 each

Clock Repair Skills

By Steven Conover



For those with intermediate repair skills. Includes detailed information on repivoting, lantern pinion repair, tooth replacement, making bushings, escapement repair, making a rack and snail, making hands, etc. 92 pages. Soft cover.

No. 25011 \$26.00 each

Clock Repairing As A Hobby

By H. C. Kelly



Discusses troubleshooting, repair and cleaning. Perfect for beginners. 48 illustrations. 124 pages. Soft cover.

No. 15005 \$15.00 each

Collectible Pocket Watches 1750-1920

By Ian Beilby



No. 5 in Clocks Magazine Beginner's Guide Series. Identifies pocket watches likely to be encountered by the average collector. Indicates characteristics, sizes, case styles, etc. of American, English, and Swiss watches. Includes a glossary. Richly illustrated color photos. 86 pages. Soft Cover.

No. 33684 \$21.50 each

Cuckoo Clock Repair Made Simple

By Tom Seaman



Step-by-step instructions on dismantling, cleaning, repair and assembly. Sections on music movement principles and troubleshooting. Many photos. Soft cover. 58 pages.

No. 25029 \$26.00 each

Electric Clocks-Book #10

By Steven Conover



Covers the repair of popular electric clocks of the last 100 years: General Electric, Herschede, Revere, Seth Thomas, Golden Hour, Kit-Cat, Franklin, Sessions, electromechanical, International Master, Borg, Poole, Wallace, Kundo and Telechron rotor repair. 112 pages. Generously illustrated. Spiral bound soft cover.

No. 34209 \$31.00 each

Escapements

By F.J. Britton



Illustrated handbook on the construction and proportion of escapements. 66 pages.

No. 15036 \$10.00 each

Escapements-Book 3

By Steven Conover



Articles and repair tips from **Clockmakers Newsletter**. Covers recoil, deadbeat, half-deadbeat, platform, pin pallet and pinwheel escapements. Hairsprings and floating balances addressed. 159 pages. Soft cover.

No. 32192 \$36.50 each

400 Day Clock Repair Guide

By Charles Terwilliger



10th edition lists over 500 back plates to aid in the identification of the manufacturer, mainsprings, suspension springs and suspension units required. Includes history, dating and repair. 237 pages. Hard cover.

No. 15004 \$44.00 each

German Clocks-Book 9

By Steven Conover



Articles, Q and A, and repair tips on older German wall and mantel clocks, including Becker, Junghans, etc. and modern wall and mantel movements by Hermle, Urgos, Kieninger, Jauch and Schatz. Sections on cuckoo and 400-day clocks. 178 pages. 321 illustrations. Soft cover.

No. 34177 \$39.50 each

Gilbert Clocks

By Tran Duy Ly



Illustrated price guide includes a short history and 2000 price update. 448 pages with hard cover.

No. 15183 \$92.50 each

Grandfather Clocks

By Steven G. Conover



Covers English style bell strike movements, made until the mid-19th century. Chapters on German grandfather clock movements by Urgos, Hermle, Kieninger and others. Addresses pivots, bushings, dials, gears, clicks, strike mechanisms, pillars, movements, etc. Generously illustrated. Soft cover. 147 pages.

No. 32469 \$36.50 each

Grivolos Catalog Reprint



Reproduction of the only known Grivolos catalog. Claude Grivolos was the only French maker of 400-day clocks. His clocks are of the highest quality and many models are housed in extremely fancy cases. Model numbers, clock descriptions, original prices and unusual pendulum options are included. 44 pages.

No. 34402 \$15.00 each

Gustav Becker Story

By Karl Kochmann



119 pages. Photographs and illustrations from Gustav Becker catalogs. Includes history. Soft cover.

No. 15061 \$14.00 each

Hermle Service Manual 5th Edition

By Roy Hovey



Covers servicing, repair, cleaning, lubricating and restoration of Hermle movements. 99 pages. Soft cover. 2002.

No. 15154 \$32.50 each

Historical German Patents & Torsion Pendulum Clocks

By Doug Stevenson



A compendium of German DRP patents of torsion pendulum clocks. 28 DRP patents are reproduced in their entirety with many pictures of the items.

No. 34404 \$20.00 each

How To Make A Foliot Clock

By Steven Conover



Step-by-step instructions to build this 17th century type weight driven skeleton timepiece controlled by a foliot balance. Made from brass and steel, with paper dial, single hand and oak foliot. Runs 1-1/2 days on one winding. Requires special tools. Includes tools and material lists. 73 photos and drawings. Spiral bound soft cover. 84 pages. 2000.

No. 32250 \$24.00 each

How To Make A Pivot Polisher & Micro Drilling Attachment For The Small Lathe

By Robert Porter



24 pages. Soft cover. Instructions to make this attachment used to grind and polish pivots, and to drill work in a small lathe. Suitable for scaling to larger lathes. With suggestions to make and use laps and micro drills. Illustrated.

No. 29767 \$8.50 each

How To Make Tiny Drills

By Robert Porter

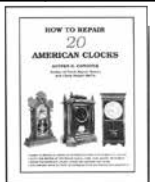


Quickly, easily and accurately make drills from needles and piano wire for repivoting and other uses. 16 illustrated pages. Soft cover.

No. 15166 \$7.00 each

How To Repair 20 American Clocks

By Steven Conover



Covers assembly procedures. With gear tooth counts for time and strike trains, beats per hour, and mainspring specifications. 140 pages. 246 photos and drawings. Soft cover.

No. 25017 \$31.00 each

Books

How To Repair Herschede Tubular Clocks

By Steven Conover



Illustrated book with drawings that make adjustments easy. 116 pages. Soft cover.

No. 15079 \$29.50 each

Ingraham Clock & Watches

By Tran Duy Ly

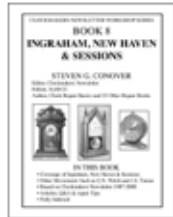


Hard bound. Illustrated. With current pricing on a variety of Ingraham clocks and watches.

384 pages. 1998. With a 1999 price guide. No. 15173 \$59.50 each

Ingraham, New Haven & Sessions

By Steven Conover



Book #8 of the Clockmakers Newsletter Workshop Series. Features clock mechanisms produced by 3 of America's largest 19th century manufacturers. Covers repairs to round strike and round chime movements, pendulum and mantel clock movements, 2-train chime movements, calendar mechanisms, etc. Soft cover. 149 pages.

No. 32965 \$39.50 each

Jahres-Uhr Catalog Reprint



Contains photos of mostly 400-day clocks available at that time along with descriptions and model numbers. A supplement containing much recently discovered information, including makers, is included with the catalog. 96 + 4 pages.

No. 34403 \$15.00 each

Longcase Clocks & Standing Regulators

By Tran Duy Ly



Over 50 companies are represented in this illustrated price guide. Comes with 2000 price update. 504 pages. Hard cover.

No. 15155 \$64.00 each

New Haven Clocks & Watches

By Tran Duy Ly



Over 2200 photos and illustrations. Comes with 2000 price update. 520 pages. Hard cover.

No. 15170 \$55.00 each

Pin Pallet Escapement

By Robert Porter



Illustrated. Covers adjustment and repair of pin pallet escapements. Soft cover. 44 pages.

No. 15162 \$14.50 each

Perptuëlle? The Reutter Atmos Clock Revealed

By Dove Bles & John Hubby



A comprehensive examination of the first production Reutters Atmos clock. Includes all known marketing advertisements and brochures, the first complete catalog of all known models and technical articles by the authors. An analysis of the motor includes exploded views of how it works, exploded views of the movements and dating information. 184 13.5" by 11" full color pages. Hardbound.

No. 34217 \$175.00 each

Practical Clock Repairing

By Donald de Carle



The most complete book on the subject. For beginners and experts. 244 pages. 400 illustrations. Hard cover.

No. 15049 \$34.50 each

Practical Watch Repairing

By Donald de Carle



The most complete book on the subject. For beginners and experts.

319 pages. 550 illustrations. 2008. Soft cover. No. 15050 \$15.00 each

Repairing French Pendulum Clocks

By Steven Conover



Details 5 complete French clock restorations including a timepiece, a count wheel strike with escapement, a rack and snail strike, and 2 picture frame clocks. Great tips for all skill levels. With a Q and A section and glossary of French clock terms. 92 pages. 302 photos. Soft cover.

No. 25026 \$26.00 each

Repairs-Book #1

by Steven Conover



Based on **Clockmakers Newsletter** articles published from 1987-2008. Repair tips and projects arranged by subject for easy reference. Sections devoted to mainspring and bushing methods. Fully indexed. Soft cover. 190 pages.

No. 32061 \$39.50 each

Restoring This Old Lathe

By R.K. Porter



24 pages. 40 pictures and line drawings. Demonstrates step-by-step disassembly, cleaning, reassembly, and lubrication of an old watchmaker's lathe (without damaging it), as well as making a new lock nut for the tailstock spindle. Useful information about lathe tool bits & hand held gravers.

No. 29828 \$9.00 each

Restoring This Old Verge Fusee Watch

By Robert Porter



Illustrated guide explains how to disassemble, clean, repair and lubricate verge watches. 48 pages. Soft cover.

No. 32879 \$14.00 each

SEPO 400-Day Clock Catalog



Reproduction Schlenker und Posner Company of Schwenningen in the 1930s, with pictures (2 in color) and an introduction by John Hubby. 12 pages.

No. 34409 \$10.00 each

Sessions Clocks

By Tran Duy Ly



Illustrated. Includes clocks made between 1903 to 1968. Many original prices and a 2002 price guide. 336 pages. Hard cover.

No. 15199 \$51.50 each

Seth Thomas Clocks & Movements Volume #1-3rd Edition

By Tran Duy Ly



Hardbound 3rd edition. 576 pages with 1888 illustrations and photographs of known Seth Thomas clocks. With 2005 price update.

No. 15164 \$83.00 each

Seth Thomas Clocks & Movements Volume #2

By Tran Duy Ly



575 pages. Includes price update for both volumes #1 and #2. Hardbound. No. 25021 \$83.00 each

Seth Thomas-Book #6

By Steven Conover



Part of the **Clockmakers Newsletter Workshop Series**. Covers the most popular movements produced by Seth Thomas (#89, #113, #124, Sonora Chime, Ship's Bell, Hour-Striking only, Hour and Half-Hour Striking, Non-Striking and Alarms, Long Alarms and the Automatic 8-Day Alarm). 158 pages with index. 321 photos and drawings. Soft cover.

No. 32857 \$39.50 each

Striking Clock Repair Guide

By Steven Conover



A textbook on strike mechanisms. Illustrated with photos and drawings to clarify explanations. 90 pages. Soft cover.

No. 15160 \$24.00 each

Books

400-Day Suspension Spring Guide



Reproduction of the Suspension Spring Guide, now considered to be 1st edition of the current Horolovar 400-Day Clock Repair Guide, with a history written by Bill Ellison. 48 pages.

No. 34407 \$15.00 each

Taps, Drills & Dies

By Robert Porter



For the watch, clock and model maker. 60-page illustrated soft cover booklet provides a brief history, discusses measuring tools, means to identify metric and inch threads, instructions on making taps and drills, etc.

No. 32937 \$14.00 each

Tiffany Repair Booklet

General Information and Repair Booklet for Tiffany Never Wind Style 1100 Clock, dated 1919. An exploded parts diagram, 43 sections of repair directions, and an introduction by John Hubby. 14 pages.



No. 34408 \$6.00 each

Timely Memories: A Look at Anniversary Clocks

By John Hubby



A history of torsion pendulum clocks with updates to bring it in line with recent discoveries. Color photos include many rare examples. Twenty-five patents tracing development of torsion-pendulum clocks in a Patent Portfolio supplement. 146 + 28 pages.

No. 34400 \$40.00 each

TimeTrax Clock Train Tables

Informative booklet reveals how to calculate clock trains. Includes list of train counts by movement manufacturer. 38 pages. Soft cover.



No. 15152 \$5.50 each

Tools, Tips & Projects-Book #2

By Steven Conover



Based on *Clockmakers Newsletter* articles published from 1987-2008. Includes tool reviews, how to use tools, hand tools you can make, workshop projects, and general repair tips. Fully indexed. Soft cover. 181 pages.

No. 32062 \$39.50 each

Tubular Bell Clocks

By Steven G. Conover



Addresses repair problems and procedures unique to tubular bell clocks. Features German, English and Herschede clocks. Fully illustrated. Soft cover. 125 pages.

No. 32470 \$34.50 each

Urgos Movements



Photocopy of Urgos movements with exploded views. 43 pages.

No. 15184 \$4.50 each

A Useful Tool For Winding & Unwinding Loop-End Mainsprings

By Robert Porter



16 pages. Soft cover. Provides a simple plan to build a handy tool to wind loop-end mainsprings. Complete instructions.

No. 32319 \$7.00 each

A Waltham Vanguard RR Watch

By R. Porter



Useful instructions on how the power reserve indicator works. The calculating method can apply to chronograph minute and hour indicating mechanisms as well. 16-page illustrated booklet. Published 2020.

No. 34187 \$8.50 each

Watch Repair For Beginners

By Harold Kelly

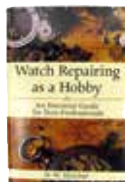


Ideal for anyone who wants to learn to fix a watch. Discusses the difference between a chronograph, an automatic watch and stopwatch. Many illustrations. Sections on escapements and calendar mechanisms. Soft cover. 284 pages.

No. 32074 \$13.00 each

Watch Repairing As A Hobby

By D.W. Fletcher



Reprint of 1948 guide on how watches work. Covers repair tools required, disassembly, cleaning and troubleshooting. Generously illustrated. 64 pages. Hard cover.

No. 32154 \$13.00 each

Waterbury Clocks & Watches

By Tran Duy Ly



Illustrated price guide to clocks, watches and movements, Ingersoll watches, blinking eye clocks, etc. 584 pages. Hard cover. 2001 price update included. 2nd edition.

No. 15196 \$69.50 each

Waterbury Clocks & Watches 2nd Edition

By Tran Duy Ly



The 2nd of a 2-volume set. From pages 585-1082, with 1352 illustrations and photos. Published in 2013. Includes a 2013 Price Update. Note there is no duplication of clocks from Volume 1 to Volume 2.

No. 25027 \$69.50 each

What's It Worth? Price Guide To Clocks 2014

by Clocks Magazine



Lists auction prices paid for a wide variety of clocks, including grandfather, bracket, mantel, skeleton, novelty and electric. Includes chronometers and barographs. Indicates condition, maker, date of manufacture, and desirability. Color illustrations. Soft cover. 130 pages.

No. 32778 \$26.50 each

Cleaning Solutions

One-Dip®



Non-flammable cleaner and rinse for gummed and dirty hairsprings, jewels and pallet stones. Protects and cleans. Use in well ventilated area. Trichloroethylene blend.

No. 29192 8 ounce \$25.00 each

No. 29193 32 ounce \$75.50 each

Degreaser



Easily removes dirt, grease, oil and particulates. Leaves no residue. Can also be used as a preparatory cleaner for bluing. 3 fluid ounces.

No. 29377 \$7.50 each

Perma Blue



Liquid bluing solution for hands and other small parts. 3 fl. oz.

No. 20522 \$10.75 each

Rub'N'Buff® Metallic Finishes



Formulated from imported carnauba waxes, fine metallic powders and select pigments. Provides a finish that paint can't duplicate. Rub onto any clean surface with finger of soft cloth. Then buff to a beautiful luster. 1/2 fl. oz. Perfect for metal case decorations.

No. 23376 Gold Leaf \$7.50 each

No. 23377 Antique Gold \$7.50 each

No. 23378 Grecian Gold \$7.50 each

Liquid Metallic Paint



Brush'N'Leaf® decorates, stripes or highlights. Non-tarnishing. Leaps any surface, any material. Quick drying. 1 fl. oz. Covers 7-8 square feet.

No. 23559 Gold Leaf \$13.00

No. 23629 .. Antique Gold Leaf \$13.00

Cleaning & Polishing Solutions

Super Black Touch Up Pens



Touch up nicks and scratches on hands, screws and other small parts. 1/3 fl. oz.

No. 20340 Flat Black **\$10.00 each**
No. 20341 Gloss Black **\$10.00 each**

Slate Black



Restores black marble and slate clocks. Apply and buff to a high shine. 120 ml. England.

No. 23842 **\$22.00 each**

Walnut Wood Stain



Water soluble. Non-bleeding. Produces rich color without grain clouding or smearing. Highlights the grain. Enhances the natural beauty of wood. Control color intensity by adding water to dilute. Or use full strength for lighter woods such as birch. 3 ounces.

No. 29385 **\$8.50 each**

Brass Antiquing Metal Touch-Up



Blackens and antiques brass, copper and bronze statues and parts. 3 fl. oz.

No. 20533 **\$14.00 each**

PolyWatch Scratch Remover



Repairs scratches in plastic crystals. 0.175 oz. tube. Instructions included.

No. 20135 **\$6.50 each**

Diamantine/ Aluminum Oxide



Fast cutting abrasive for polishing pivots and stones. 15 grain size.

No. 15222 **\$12.00 each**

French Chalk



130 gram block. Brings a deep shine to brass.

No. 29948 **\$5.00 each**

Curator Clock Case Restorer



Quality product cleans and restores patina. Not a wax or solvent. Won't harm French polish or varnish. England.

No. 20482 120 ml **\$12.00 each**
No. 34273 250 ml **\$19.50 each**

Polish - Goddard's Brass & Copper



Anti-tarnish formula resists fingerprints. Fast working on brass, copper, pewter, stainless steel and aluminum. 7 oz.

No. 18263 **\$8.00 each**

Polish - Goddard's Marble Polish



Cleans, polishes, seals and protects fine marble. Won't build up or yellow. Use on marble, stone, porcelain and tile. 8 fl. oz.

No. 15729 **\$8.00 each**

Renaissance Wax Polish



The best of the best!! 2.25 ounces. Micro-crystalline wax is used by the British Museum for fine art conservation projects. Protects woods from acid contact. Use on the finest woods, metals, marble, clock cases. Use on leathers, ivory, plastics, etc. Perfect for protecting silvered dials. Economical. Apply very sparingly, then buff. England.

No. 10520 **\$22.00 each**

Polish - Nevr-Dull



Cleans and polishes glass, silver, gold, brass, pewter, steel, copper & most metals. Removes surface rust. Leaves no deposits. The wadding can be used repeatedly. Won't scratch. 5 oz.

No. 13747 **\$14.50 each**

Polishing Compounds



Peel away cardboard containers.

Polishes stainless, chrome and nickel silver.

No. 13880 Red 6 Oz. **\$9.50 each**

High luster on stainless, brass, nickel silver and platinum

No. 13884 Green 7 Oz. **\$9.50 each**

Fast cutting on brass, copper and aluminum.

No. 13885 Tripoli 4 Oz. **\$7.50 each**

Eurolustre Metal Polishing Compound



Removes light scratches. Produces mirror finish. No discoloration. For precious metals, brass and pewter. Greaseless. Little residue.

No. 29288 1 lb. **\$10.00 each**

Polishing Compound Kit



Contains five polishing compounds: red, plastic, yellow, tripoli and emery.

No. 13886 **\$36.00 kit**

Novus Plastic Polish



Cleans and restores most plastic products.

No. 1 cleans all plastics. No scratching. Resists finger prints. Contains no abrasives. 2 fl. oz.

No. 23635 **\$3.50 each**

No. 2 removes fine scratches, haziness and abrasions from most plastics. 2 fl. oz.

No. 23636 **\$5.00 each**

No. 3 removes heavy scratches and abrasions from most plastics. 2 fl. oz.

No. 23637 **\$5.75 each**

Polishing Cloth - Rouge-Fabulustre



Double knit. Impregnated with jewelers rouge.

No. 13760 10" x 10" **\$9.50 each**

Polishing Cloth



12" x 12" impregnated yellow cloth. India.

No. 23451 **\$2.50 each**

Polishing Cloth-Gemstone



9-3/4" square. For cleaning gemstones. India.

No. 33678 **\$3.00 each**

Polishing Cloth



No. 29260

No. 29261

8" x 6" yellow/red Shinee polishing cloth. Impregnated with jewelers rouge. India.

No. 29260 **\$3.00 each**

12" x 12" siliconized polishing cloth. India.

No. 29261 **\$3.50 each**

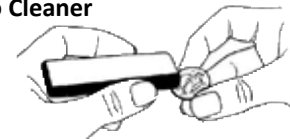
Polish-Simichrome



The finest metal polish you've ever used. Cannot ship to California.

No. 13718 50 Gr. Tube **\$15.50 each**

Rodico Cleaner



Cleans precision parts, balance pivots, train wheel pivots, removing fingerprints & stains from plates, bridges, dials & hands. 3". Swiss.

No. 14330 **\$7.00 each**

Cleaning & Polishing Solutions

Tibet Almond Stick



Hides scratches on mahogany, walnut, oak and other finishes. Used by woodworkers around the world. 2-3/4" stick.

No. 17750 \$12.00 each

Magic Cast Ultrasonic Soap Concentrate



Effectively dissolves dried on contaminants. Safe to use. No unpleasant odors. Cleans clock movements, small parts, jewelry, etc. Mix 7 to 10 parts water to 1 part concentrate. For use on all metals.

No. 16030 Pint \$12.50 each
No. 16031 Gallon \$49.50 each

Polychem® Non-Ammoniated Deox-007 Degreaser, Deoxidizer & Brightener



Concentrated, mildly alkaline blend of surfactants, sequestrants and emulsifying agents. Excellent cleaning. Removes tarnish, stains, corrosion and oxidation from copper, brass, bronze, gold and silver parts. Use in ultrasonic tank or manually. Non-hazardous. No strong odor. Brightens metals. Use in 7:1 ratio with water.

No. 16025 Pint \$10.50 pint
No. 16023 Gallon \$39.00 gallon
\$156.00/4 (\$39.00)

Polychem® Polytect 2CB Rinse



Anti-tarnishing and corrosion inhibiting rinse for above. Imparts a transparent protective film to metal surfaces. After cleaning, rinse parts with water, then immerse in rinse for 30 seconds. Air dry. For use on metal.

No. 16032 \$9.00 pint
No. 16024 \$36.50 gallon
\$144.00/4 (\$36.00)

Zenith R Cleaning Solutions

Buy any 4 gallons (mix and match) and deduct \$1.00 per gallon from unit price.



Zenith® Watch & Clock Cleaning Concentrate

Product #251NA is water based and non-ammoniated. Equal in cleaning power with other ammoniated water based products. Will not dissolve shellac, varnish or lacquer when mixed. One gallon makes 8 gallons. Rinse with water and dry immediately in the heating chamber of your unit or blow dry.

No. 33000 \$68.00 gallon
\$270.00/ 4 (\$67.50)

Zenith® Hi-Tech Cleaner

Product #1000 is fast acting and aggressive, but gentle enough not to remove lettering from baked-on coatings. Enhanced cleaning power removes hardened grease and oil, leaving movements restored to their original brilliance. Low odor, safe to use and non-ammoniated.



No. 33005 \$68.00 gallon
\$270.00/ 4 (\$67.50)

Zenith® Hi-Solv Rinse

Product #1001 continues the strong dissolving cleaning action by rinsing away all debris and cleaning solution that had adhered to movements, restoring them to their original luster and shine.



No. 33006 \$68.00 gallon
\$270.00/ 4 (\$67.50)

Zenith® Drizebrite Rinse

Product #101 leaves watch and clock parts spotless without any oily film when dried at room temperature or in a heating chamber. Restores parts and movements to their original luster after cleaning. Odorless. Use in most ultrasonic and Vibrograf cleaning machines.



No. 33001 \$68.00 gallon
\$270.00/ 4 (\$67.50)

Zenith® #3 Rinse

Product #231 is a clear, odorless petroleum based rinse. Ideal for watches and clocks as it restores parts to original shine and luster.



No. 33002 \$68.00 gallon
\$270.00/ 4 (\$67.50)

Zenith® Formula #67 Cleaner

Product #206 is a waterless ammoniated cleaner without ammonia fumes. Low odor. Use in ultrasonic and mechanical units. Dissolves old grease and oil. Breaks bonds between hardened debris on metal watch and clock parts.



No. 33003 \$68.00 gallon
\$270.00/ 4 (\$67.50)

Zenith® Z-88 Concentrate

Product #253 is a non-ammoniated all purpose, superior cleaner for the horological and jewelry industries. Easily removes residue and lapping compounds from metal parts. One gallon makes 16 gallons, or vary the ratio of concentrate to water to accommodate the cleaning strength required.



No. 33004 \$68.00 gallon
\$270.00/ 4 (\$67.50)

Clocks, Clock Kits & Related

Hour Glass



Three minute hour glass in a finished wood frame. 4" tall, 1-1/2" diameter.

No. 18745 \$2.50 each

50-Piece Wood Button Assortment



20mm (0.787") diameter x 4.5mm (0.178") thick. 2-hole. Assorted colors & designs. China.

No. 34300 \$6.50 pack

Do It Yourself Clock



See-through plastic face, colorful plastic gears and swinging pendulum. Keeps time. Rings a bell on the hour. 33 pieces to assemble. With instructions. 8-1/2" tall. Ages 6 years to adult.

No. 20003 \$17.50 each

Instructional Children's Clock



5-1/2" Diameter x 1/8" thick board with blue and red plastic hands. 12 and 24 hour plus seconds indications. Use to teach children how to tell time. Not a timekeeping device. For ages 3 and up. China.

No. 34277 \$3.50 each

Children's Geometric Educational Clock



6-11/16" diameter x 1/8" thick wooden clock has 12 different color and different geometric shapes at each hour position. With smooth edges and child-safe paint. Children can develop spatial capabilities by placing shapes in the correct position. A cotton string is included to connect and store geometric blocks each of which have side holes. Improves finger dexterity. Colorful plastic hands facilitate learning how to tell time. For ages 3 to 6. China.

No. 34282 \$9.50 each

Make Your Own Music Box Kit



Assemble 9 plastic and metal components to create a working music box. Three additional drums play Frere Jacques, Old McDonald, Twinkle, Twinkle, and Ten Little Indians The winding the crank turns the drum. China.

No. 34214 \$15.00 each

Clocks, Clock Kits & Related

The Original Kit-Cat Klock®



Eyes and tail move back and forth. Individually boxed. Black plastic. White eyes. Uses 2 "C" batteries, not included. 15-1/4" tall x 4" wide.

No. 19012 \$48.50 each
\$144.00/ 3 (\$48.00)

The Kitty-Cat Klock®

Smaller sibling of the Kit-Cat Klock®. Uses a "AA" battery, not included. 12" tall x 3" wide.

No. 19501 \$38.50 each
\$114.00/ 3 (\$38.00)

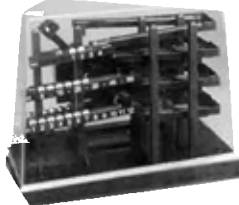
Kit-Cat Klock® & Kitty-Cat Klock® Parts



Black tail is 6-1/2" long fits both Kit-Cat Klock® and Kitty-Cat Klock®. Eyes are sold in pairs.

No. 34030 Black Tail \$7.50
No. 34032 Kitty-Cat Clock Eye Set \$10.00

Rolling Ball Clock Instructions



This clock is no longer available.

No. 16999 Instructions Only \$2.00

Fasteners - E-Clips & Grommets

Regula Lock Washer (E-Clip)



For Regula cuckoo movements. 10-pack.

No. 20914 \$2.00 pack

Split Tension Washer (E-Clips)



100 assorted. India.

No. 16978 \$4.50 pack

Split Tension Washer (E-Clips) - Large



4 different sizes to fit .140", .156", .172" and .188" shafts. 40 assorted.

No. 19781 \$3.00 pack

Split Tension Washer (E-Clips) 50-Piece Assortments



Used on American (inch sizes) and European (metric size) clocks. Fits shaft sizes shown.

No. 33791 Inch Sizes: .062", .094" and .125" (1/16", 3/32" and 1/8") \$3.75 pack
No. 10569 Metric Sizes: M2, M3 and M4 (.0787", .118" and .155") \$5.50 pack

120-Piece E-Clip Assortment



12 pieces each of 10 sizes (M1.5, M2, M3, M4, M5, M6, M7, M8, M9 and M10). Blackened carbon steel. In a partitioned box. China.

No. 10278 \$5.50 pack

E-Clip Assortment



300 assorted in a partitioned plastic case. Sizes from 1/16" to 7/8".

No. 21071 \$14.00 pack

Dial Grommets



10 teeth. 12-pack. India.

No. 10400 1/2" OD x 3/8" ID Brass

No. 15979 1/2" OD x 3/8" ID Nickeled

No. 12732 .. 1-Day 9/16" OD x 13/32" ID Brass

No. 12733 8-Day 5/8" OD x 15/32" ID Brass

\$2.50 pack

Brass. 4 teeth. 5-pack. Germany.

No. 20966 7/16" OD x 5/16" ID \$4.50

No. 20967 1/2" OD x 3/8" ID \$4.50

Tall Case Dial Grommet



Brass. 5/8" O.D. x 7/16" I.D. 10 teeth. India.

No. 17827 50¢ each

Grommets - Rubber



7/16" OD x 3/16" ID x 1/4" thick. Has a groove 1/16" wide x 1/16" deep.

No. 23495 50¢ each

Fasteners - Brads, Nails & Pins

Brads - Brass Split



100-pack. Flat body is .016" thick x .050" wide. .175" diameter head. 1/4" long.

No. 10062 \$1.75 pack

Brads - Steel



144 of each size to a pack.

No. 10540 5/8" x #18 \$3.00 pack

No. 34200 1" x #17 \$3.00 pack

Escutcheon Pins



50 brass pins in a pack.

No. 19734 #18 x 1/4" \$1.50 pack

No. 19735 #18 x 1/2" \$1.50 pack

No. 19736 #18 x 3/4" \$1.50 pack

Brass #16 x 1/2" Escutcheon Pin



Brass plated steel. Approximately 50 pieces per bag. 1/2" x #16

No. 34360 \$2.75 pack

Pillar Pins



Rectangular. 15/16" long. 50-piece pack.

No. 18150 .020"-.060" x .025" thick \$5.50

No. 18151 .035"-.075" x .032" thick \$5.50

No. 18152 .050"-.090" x .040" thick \$5.50

Tapered Pin Assortments



100-piece assortments. 20 pieces each of 5 different sizes. India:

- .197" Long x .0200" tapering to .0120"
- .236" Long x .0275" tapering to .0200"
- .354" Long x .0350" tapering to .0225"
- .472" Long x .0470" tapering to .0315"
- .472" Long x .0590" tapering to .0390"

No. 10501 Brass \$10.50 pack

No. 10502 Steel \$10.50 pack

No. 34155 Brass & Steel \$11.00 pack

Tapered Pins - .600" Long

50-pack.

No. 23832 Brass .010" x .026"

No. 23833 Brass .024" x .040"

No. 23834 Brass .034" x .050"

No. 23835 Brass .044" x .060"

No. 23836 Brass .054" x .070"

No. 23837 Steel .010" x .026"

No. 23838 Steel .024" x .040"

No. 23839 Steel .034" x .050"

No. 23840 Steel .044" x .060"

No. 23841 Steel .054" x .070"

\$4.50 pack \$12.75/ 3 (\$4.25)

Tapered Pins - 1.25" Long



.102" tapering to .070". 25-pack.

No. 33683 Steel \$3.00 pack

Tapered Pins - 2" Long



.060" to .108". 4-pack.

No. 20086 \$4.00 pack

Tapered Pin Assortments - .600" Long



250 assorted, 50 of each size listed above.

No. 23852 Brass Assortment

No. 23853 Steel Assortment

\$26.00 pack \$51.00/ 2 (\$25.50)

Fasteners - Brads, Nails & Pins

Tapered Pins - Horolovar 1" Long

No. 17771 Steel 40-Pack .030" x .065" x 1"
 No. 10472 Steel 40-Pack .054" x .075" x 1"
\$6.50 pack \$18.75/ 3 (\$6.25)

Tapered Pins - 1" Long

50-pack.
 No. 11512 Brass .015" x .050"
 No. 12393 Brass .030" x .065"
 No. 11513 Brass .045" x .080"
 No. 11514 Brass .060" x .095"
 No. 12394 Steel .015" x .050"
 No. 12395 Steel .030" x .065"
 No. 12396 Steel .045" x .080"
 No. 11515 Steel .060" x .095"
\$6.50 pack \$18.75/ 3 (\$6.25)

100-pack.
 No. 34090 Brass .015" x .050"
 No. 34091 Brass .030" x .065"
 No. 34092 Brass .045" x .080"
 No. 34093 Brass .060" x .095"
 No. 34094 Steel .015" x .050"
 No. 34095 Steel .030" x .065"
 No. 34096 Steel .045" x .080"
 No. 34097 Steel .060" x .095"
\$11.50 pack \$33.75/ 3 (\$11.25)

Tapered Pin Assortments - 1" Long



100 assorted.
 No. 17464 Brass Assortment
 No. 17465 Steel Assortment
\$14.00 pack \$27.00/ 2 (\$13.50)

Taper Pin Assortments - 1" Long

100-piece assortment of 4 different sizes. .028" to .079" diameters. India.
 No. 34175 Brass **\$10.00 pack**
 No. 34176 Steel **\$10.00 pack**

Brass & Steel 1" Taper Pin Assortment



100-piece assortment in brass and steel. India.
 Sizes: .015" x .050 .030" x .065" .045" x .080" .060" x .095"
 No. 34178 **\$10.50 pack**

Tapered Pin Assortment



140 pieces total. 20 pieces each of the following sizes in brass and steel:
 • .012" x .050" x 1" Long
 • .030" x .065" x 1" Long
 • .045" x .075" x 1" Long
 And 20 pieces of steel pins .070" x .102" x 1.250". Germany.
 No. 31051 **\$29.50 pack**

Clock Nuts



100 assorted metric clock hex nuts. India.
 No. 15493 Brass **\$7.00 pack**
 No. 15494 Nickel **\$7.00 pack**

Clock Nuts - Closeout



Nickel. 50-piece packs. **Was \$6.00.**
 No. 01025 M3.0 x 0.50 **\$2.00 pack**

Ansonia Screws



#5-44 x 1/2" brass screw for Ansonia clocks.
 No. 20193 **\$4.00 each**

Case & Bezel Screws - Closeout



Brass slotted fillister head screws for small German French and Swiss clocks. **Was \$1.00.**
 No. 01115 M2.2 x .45 x 10.0mm **50¢**
 No. 01113 M2.5 x .45 x 3.2mm **50¢**

Kundo Movement Mounting Screw - Closeout



For Kundo Standard. Part #01-58. M1.2 x 7mm slotted fillister head. Stainless. **Was \$1.00.**
 No. 01894 **50¢ each**

Platform Escapement Steel Mounting Screws



	Thread Diameter	Overall Length	Price
No. 23104	1.0mm	7mm	\$2.50 each
No. 29749	1.2mm	6.5mm	\$2.50 each
No. 23105	1.2mm	8mm	\$2.50 each
No. 23108	1.8mm	12mm	\$2.50 each

Movement Post Screw - S. Thomas #2



#4-40 x .168" slotted cheese head steel movement post screw. Steel parts have a light coating of rust.
 No. 32029 **50¢ each**

Schatz Screw - Closeout



Brass hex screw for Schatz #53 (Part #10-1003). M2.5 x 5.5mm long. **Was \$5.00.**
 No. 00285 **\$2.00 each**

Thumb Screw - Brass



No. 23676 . #8-32 x 1/4" long **\$1.00 each**
 No. 23677 . #8-32 x 3/8" long **\$1.00 each**

Screw Assortment - Bell & Case Fitting



100-pieces. Assorted sizes of slotted brass metric fillister head screws. India.
 No. 11619 **\$10.00 pack**

Dial Screw 40-Piece Assortment



Wood Screws. 4 each of #0, #1, #2, #3, and #4 sizes. 1/4" and 3/8" long slotted brass round and flat heads. In a labeled partitioned box.
 No. 32196 **\$10.00 pack**

Dial Screw 20-Piece Assortment



Machine Screws. 4 each of #0, #1, #2, #3 and #4 sizes. All are 3/8" long slotted stainless steel fillister heads. In a labeled partitioned box.
 No. 32197 **\$10.00 pack**

Optical & Watch Mini Screw Assortment



1000 pieces. Mini slotted brass and steel machine screws. Carousel storage box. M0.5 to M1.5 diameter up to 5.0mm long. India.
 No. 29022 **\$18.50 pack**
 Same as No. 29022 but with phillips drive.
 No. 34186 **\$15.00 pack**
 250 pieces including nose pads, miniature screws for eyeglasses, and mechanical and quartz watches (and Casio watch backs). 12 compartment box, each section marked with the contents. India.
 No. 29701 **\$7.50 pack**

Micro Screw, Nut & Washer 1000-Piece Assortment



Includes M1 thru M1.6 up to 5mm long steel phillips flat head machine screws, M1.4 machine screw nuts, M.5 thru M3 S/S washers, plastic washers & screw caps for glasses. China.
 No. 34298 **\$12.00 pack**

Order Online 24/7

18-8 Stainless Steel Slotted Fillister Head Machine Screws

\$2.00 pack of 6 pieces

Part #	Size	Length	Part #	Size	Length	Part #	Size	Length	Part #	Size	Length
No. 16200	#0-80	3/16"	No. 16209	#1-72	3/8"	No. 16218	#2-56	1/2"	No. 16230	#4-40	3/16'
No. 16201	#0-80	1/4"	No. 16210	#1-72	1/2"	No. 16220	#2-56	3/4"	No. 16231	#4-40	1/4"
No. 16203	#0-80	3/8"	No. 16211	#1-72	5/8"	No. 16222	#3-48	1/8"	No. 16233	#4-40	3/8"
No. 16204	#0-80	1/2"	No. 16212	#2-56	1/8"	No. 16223	#3-48	1/4"	No. 16235	#4-40	1/2"
No. 16205	#0-80	5/8"	No. 16213	#2-56	3/16"	No. 16224	#3-48	5/16"	No. 16237	#4-40	3/4"
No. 16206	#1-72	1/8"	No. 16214	#2-56	1/4"	No. 16225	#3-48	3/8"			
No. 16208	#1-72	1/4"	No. 16216	#2-56	3/8"	No. 16226	#3-48	1/2"			

The Largest Selection Of Fasteners In The Trade

Metric Low Carbon Steel Slotted Cheese Head (DIN 84A) Plain Finish Machine Screws

No. 16300 through No. 16317 \$2.50 pack of 4 pcs.

No. 16318 through No. 16348 \$2.50 pack of 8 pcs.

Part #	Size	Length	Part #	Size	Length	Part #	Size	Length	Part #	Size	Length	Part #	Size	Length
No. 16301	M1	6mm	No. 16309	M1.4	6mm	No. 16319	M2	6mm	No. 16329	M2.5	10mm	No. 16340	M3	20mm
No. 16302	M1	8mm	No. 16310	M1.4	8mm	No. 16320	M2	8mm	No. 16330	M2.5	12mm	No. 16341	M3	25mm
No. 16304	M1.2	4mm	No. 16311	M1.4	10mm	No. 16322	M2	12mm	No. 16331	M2.5	16mm	No. 16343	M3	35mm
No. 16305	M1.2	6mm	No. 16313	M1.6	4mm	No. 16323	M2	16mm	No. 16333	M2.5	25mm	No. 16344	M3	40mm
No. 16306	M1.2	8mm	No. 16314	M1.6	6mm	No. 16324	M2	20mm	No. 16334	M3	4mm	No. 16345	M4	4mm
No. 16307	M1.2	10mm	No. 16315	M1.6	8mm	No. 16325	M2	25mm	No. 16335	M3	6mm	No. 16347	M4	8mm
No. 16308	M1.4	4mm	No. 16316	M1.6	10mm	No. 16326	M2.5	4mm	No. 16336	M3	8mm	No. 16348	M4	10mm
			No. 16317	M1.6	12mm	No. 16327	M2.5	6mm	No. 16337	M3	10mm	No. 16356	M4	40mm
			No. 16318	M2	4mm	No. 16328	M2.5	8mm	No. 16338	M3	12mm			

Metric Brass Hex Nuts

(DIN 934) Plain Finish
\$4.00 pack of 4 pieces



(DIN 934) Plain Finish
\$2.00 pack of 10 pieces



Washers-Metric Flat Brass

(DIN 433) Plain Finish
\$2.50 each pack of 20 pieces



Part #	Size	Width	Thick
No. 16365	M1	2.5MM	0.8MM
No. 16366	M1.2	3.0MM	1.0MM
No. 16367	M1.4	3.0MM	1.2MM
No. 16368	M1.6	3.2MM	1.3MM

Part #	Size	Width	Thick
No. 16369	M2	4.0MM	1.6MM
No. 16370	M2.5	5.0MM	2.0MM
No. 16371	M3	5.5MM	2.4MM
No. 16372	M4	7.0MM	3.2MM

Part #	Size	ID	OD	Thick
No. 16361	M2	2.2	4.5	0.3
No. 16362	M2.5	2.7	5.0	0.5
No. 16363	M3	3.2	6.0	0.5
No. 16364	M4	4.3	8.0	0.5

Steel Machine Screw Nuts Zinc Plated

\$1.50 each pack of 25 pieces.



Brass Machine Screw Nuts

\$1.50 each pack of 10 pieces



Washers-18-8 Stainless Steel

\$1.50 each pack of 20 pieces



Metric To Inch Conversions & Thread Explanations Are On Page #142

Part #	Size	Width	Thick
N/A	#00-90	.078"	.040"
No. 17874	#0-80	.156"	.046"
No. 17875	#1-72	.156"	.046"
No. 17876	#2-56	.187"	.0625"
No. 17877	#3-48	.187"	.0625"
No. 17878	#4-40	.250"	.093"
No. 17879	#5-40	.312"	.109"
No. 17880	#6-32	.312"	.109"
No. 17881	#8-32	.343"	.125"

Part #	Size	Width	Thick
No. 16279	#0-80	.156"	.046"
No. 16280	#1-72	.156"	.046"
No. 16281	#2-56	.187"	.0625"
No. 16283	#3-48	.187"	.0625"
No. 16284	#4-40	.250"	.093"
No. 16286	#5-40	.312"	.109"
No. 16287	#6-32	.312"	.109"
No. 16288	#8-32	.343"	.125"

Part #	Size	ID	OD	Thick
No. 16271	#0	.0625	.156	.020
No. 16272	#1	.078	.187	.025
No. 16273	#2	.093	.250	.025
No. 16274	#3	.109	.250	.031
No. 16275	#4	.125	.312	.031
No. 16276	#5	.135	.312	.031
No. 16277	#6	.149	.375	.031
No. 16278	#8	.174	.375	.031

Slotted Brass Wood Screws

100 pieces of a size to a pack

RH=Round Head

FH=Flat Head

Part #	Size	Length	Price	Part #	Size	Length	Price	Part #	Size	Length	Price	Part #	Size	Length	Price
No. 18843	#0RH	1/4"	\$4.50	No. 18848	#2FH	5/8"	\$5.50	No. 11970	#4FH	3/8"	\$6.00	No. 18867	#5FH	1"	\$10.00
No. 18844	#0FH	1/4"	\$4.50	No. 18849	#2FH	3/4"	\$5.50	No. 11971	#4RH	1/2"	\$9.00	No. 18868	#6RH	3/8"	\$8.00
No. 18845	#1RH	1/4"	\$4.50	No. 18850	#3RH	1/4"	\$6.00	No. 10404	#4FH	1/2"	\$6.00	No. 11973	#6FH	3/8"	\$8.00
No. 16396	#1FH	1/4"	\$4.50	No. 18851	#3FH	1/4"	\$6.00	No. 18858	#4FH	5/8"	\$6.50	No. 11975	#6RH	1/2"	\$8.50
No. 18846	#1RH	3/8"	\$4.50	No. 18852	#3RH	3/8"	\$6.50	No. 18859	#4FH	3/4"	\$6.50	No. 11974	#6FH	1/2"	\$8.50
No. 18847	#1FH	3/8"	\$4.50	No. 18853	#3FH	3/8"	\$6.50	No. 18860	#4FH	1"	\$6.50	No. 18868	#6FH	5/8"	\$9.50
No. 10406	#2RH	1/4"	\$5.00	No. 18854	#3RH	1/2"	\$7.00	No. 18861	#5FH	3/8"	\$6.50	No. 18869	#6FH	3/4"	\$9.50
No. 11964	#2FH	1/4"	\$5.00	No. 18855	#3FH	1/2"	\$7.00	No. 18862	#5RH	3/8"	\$6.50	No. 18870	#6FH	1"	\$12.00
No. 10407	#2RH	3/8"	\$5.50	No. 18856	#3RH	5/8"	\$7.00	No. 18863	#5RH	1/2"	\$7.50	Steel Wood Screws			
No. 10403	#2FH	3/8"	\$5.50	No. 18857	#3FH	3/4"	\$7.00	No. 18864	#5FH	1/2"	\$7.50	No. 10405	#8FH	3/8"	\$10.50
No. 11965	#2RH	1/2"	\$5.50	No. 11968	#4FH	1/4"	\$6.00	No. 18865	#5FH	5/8"	\$8.00	No. 10635	#10FH	3/8"	\$12.50
No. 11966	#2FH	1/2"	\$5.50	No. 11969	#4RH	3/8"	\$6.00	No. 18866	#5FH	3/4"	\$8.00				

Fasteners - Brads, Nails & Pins

200-Piece Internal Hex Socket Set Screw Assortment



Blackened stainless steel. Fully threaded metric sizes in a partitioned plastic box. 20 pieces each: M3 x 3mm, M3 x 4mm, M3 x 6mm, M4 x 4mm, M4 x 6mm, M5 x 5mm, M5 x 8mm, M6 x 6mm, M6 x 10mm, M8 x 8mm. China.
No. 34288 \$12.50 box

Wood Screw 100-Piece Assortment



Round and flat head brass and nicked wood screws for kitchen clocks & wood doors. India.
No. 33682 \$10.00 each

M2 Phillips Flat Head Screw Assortment



1050 pieces. 8 sizes of M2 diameter (.079") wood screws in a partitioned plastic box. 100 pieces each M2 x 12mm, M2 x 16mm & M2 x 20mm. 150 pcs each M2 x 4mm, M2 x 5mm, M2 x 6mm, M2 x 8mm and M2 x 10mm. Zinc. Asia.
No. 34313 \$15.50 pack

Rivets

Shoulder Rivets



50-pack. Steel rivets are used on clicks. 1/16" diameter x .164" long with a .105" shoulder.
No. 11704 \$9.50 pack

Rivet Assortment



100 pcs. M2 & M2.5 dia. 5mm to 12mm long.
No. 17730 \$7.50 pack

Fasteners-Collets & Washers Collets

Hand Collets



Brass. 2.3mm I.D.
No. 18225 ... 11.25mm Dia. \$1.50 each
No. 1822612.75mm Dia. \$1.50 each

Hermle Chain Wheel Lock Washer



Wheel retainer. 14mm OD x 4.7mm ID.
No. 20106 75¢ each

70-Piece Convex Lockwasher Assortment



Blackened. 10 pieces of each: M3, M4, M5, M6, M8, M10, M12 inside diameters. China.
No. 34316 \$7.50 pack

Kieninger Winding Wheel Retainer



Fits Kieninger chain driven movements.
No. 20904 50¢ each

Domed Blackened Washers



Assorted hole sizes. 100-piece packs. India.
No. 34341 Round Hole \$3.50 pack
No. 34342 Square Hole \$3.50 pack

Domed Brass Washers



Assorted hole sizes. 100-piece packs. India.
No. 34343 Round Hole \$3.50 pack
No. 34344 Square Hole \$3.50 pack
No. 34336 Oblong Hole \$4.50 pack

Domed Cuckoo Hand Washers - Brass



Round high domed washers. 8.25mm diameter with a 2.4mm hole. 6-pack.
No. 20806 \$3.00 pack

Domed Hand Washer Assortment - Steel



100 assorted convex square and round hole. Black oxide finish. India.
No. 32051 \$5.50 pack

Domed Hand Washer Assortments - Brass



25 assorted.
No. 10499 ... Round Hole \$13.50 pack

Flat Washer Assortments



100 assorted washers with round holes.
No. 15495 Brass Washer \$6.00 pack
No. 15496 Nickel Washer \$11.50/ 2 (\$5.75)

180-Piece Flat Washer Assortment (Din 125)



304 Stainless Steel. 30 pieces each in sizes M2, M2.5, M3, M4. 20 pcs each M5, M6. 10 pcs each M8, M10. In a partitioned plastic box. China.
No. 34287 \$9.50 pack

Washer Assortment



720-piece nicked set includes flat, split, internal and external tooth washers. Sizes #6 through 3/8". Plastic storage box. China.
No. 14507 \$10.00 pack

Hand Washer Assortment - Brass



3 sizes: 7mm convex with round hole, 6mm and 8mm flat with oblong holes. 12-pack.
No. 20970 \$5.50 pack

Hermle Mounting Washer



10-pack. Brass. 8.5mm OD x 2.15mm ID x 2.4mm thick. Unidentified Hermle mounting washer. While supplies last.
No. 01958 \$2.00 pack

Tall Case Minute Hand Washer - Brass



12.5mm . x 1.5mm T. 3.2mm center hole.
No. 29742 \$2.50 each

Hermle Tension Washer - Brass



For Hermle #340-020, but can use in other applications. 6.0mm O.D. x 3.2mm I.D. x 0.3mm thick wave washer. 10-pack.
No. 24536 \$5.50 pack

Hour Wheel Tension Washer - Brass



100 assorted small, thin convex washers used on 400-day and other clocks and watches.
No. 17723 \$2.00 pack

Tension Washer - Brass



3/8" wide x .015" thick x 7/8" long. 1/8" ID.
No. 12722 \$1.50 each

Tension Washer - Brass



Convex. 1/8" square mounting hole. 1.087" long x .472" wide x .028" thick. India.
No. 33474 \$3.00 each

Tall Case Tension Washer - Brass



15mm W x 59mm L x 0.8mm T. 6mm ID.
No. 29723 \$3.00 each

Labels & Tags

Repair Tags



6" x 3". Sequentially numbered manila tags are perforated. Easy to fill out.

No. 13887 100-pack \$11.75 pack

Triple Duty Repair Envelopes



2 detachable numbered checks in addition to numbered envelope, one for customer, one for you. 3-step check numbering system prevents loss. Buff paper. Numbered 1 to 1,000.

No. 15271 \$88.00 pack

Jewelry String Tags



White card stock with strings. 1000 in a pack.
No. 15365 \$7.50 pack

Lacquers & Related

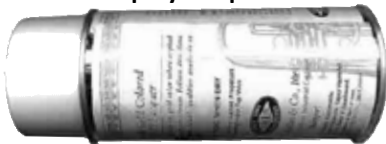
Brass Spray Lacquer



Prevents tarnish. 10 oz. spray can. Cannot be shipped by air. Ships UPS or USPS.

No. 18949 \$15.00 each

Gold Colored Spray Lacquer



Produces a simulated 24-kt. gold color when applied to polished or satin finished brass. 12 fl. oz. Cannot be shipped by air.

No. 20722 \$28.50 each

Can Gun Aerosol Spray Heads



Change spray heads on aerosols to customize the spray pattern or to replace clogged heads.

No. 30417 Standard Spray Head 75¢
No. 30418 Fine Spray Head 75¢
No. 30419 Medium Spray Head 75¢
No. 30420 Heavy Spray Head 75¢
No. 30421 Large Cone Spray Head 75¢
No. 30422 .. Large Fan Spray Head 75¢
No. 30423 1 each of above \$3.00

Novelties

50-Piece Wood Button Assortment



20mm (0.787") diameter x 4.5mm (0.178") thick. 2-hole. Assorted colors & designs. China.
No. 34300 \$6.00 pack

T-Shirt



Royal blue T-Shirt with red letters.
No. 70024 L No. 70025 XL
\$15.00 each 3/\$42.00

Original 1920's Elgin Poster Stamps



Limited supply. Colorful original 1920's poster advertising stamps are 2" x 2-5/8". Mint and unused. Sets of 3 (no choice of subject).
No. 20215 \$15.00 set

Rolex Print By David Penney



16" x 20" full color print is signed in pencil by the artist. Limited supply.
No. 20214 \$45.00 each

Lubricants, Oilss & Greases

Etsyntha Type 3-5 Oil



Partially synthetic clock oil contains additives for high aging and oxidation stability and high corrosion resistance. Working range of 14°F to 176°F. For use in clocks. Replaces Type 5.
No. 20844 8ML Oiler \$56.00 each
No. 20845 30ML \$29.50 each
No. 20846 100ML \$95.00 each

Etsyntha 859 Clock Oil



Synthetic lubricant developed for clock movements. Resists oxidation from wear and vapors. Compatible with plastics.
No. 13834 4ML Oiler \$27.00 each
No. 13752 3.5 ML \$21.50 each
No. 13753 20 ML \$75.00 each
No. 13847 50 ML \$128.00 each

Etsyntha B52 Grease



For mainsprings, ratchets and winding mechanisms. Soft, semi-liquid has a wide working temperature range. 7 grams.
No. 13756 \$30.00 each

Etsyntha Silber Watch Oil



Synthetic. Formulated for jeweled bearings and precision parts. For pocket and wrist watches. Excellent pressure absorption. Low spread rate.
No. 14817 3.5ML \$41.50 each

Horolube Clock Oil



Superfine quality. Formulated from a blend of refined mineral oils. Thin enough to coat working surfaces without stickiness. Repels moisture. No gumming. 60ml bottle. England.
No. 23843 \$12.50 each

Keystone Clock Pivot Oil



Prevents oxidation and stays put. 2 oz.
No. 15807 \$8.50 each

Keystone Mainspring Lubricant



Withstands pressures of 300,000 PSI. Outstanding film strength allows mainsprings to release even power for years without binding, rusting, or galling. Displaces moisture caused by insufficient drying or high humidity. Stays put. Contains no graphite or sulphur. 8 fl. oz.
No. 15225 Medium \$10.50 each
No. 15806 Light \$10.50 each

KT-22 Micro-Lube Grease & Moisture Sealer



No. 16932



No. 17626

For small gear trains in watches, clocks and other instruments. Never breaks down, creeps or bleeds. Protects against condensation and seals plungers. Waterproofs screw-back watch cases. 1 ounce jar or in a pre-loaded applicator.
No. 16932 Jar \$8.50
No. 17626 Syringe Applicator \$11.50

Lubricants, Oils & Greases

Mainspring Grease Bellows



Plastic grease dispensers with 1" plastic tip.
No. 29345 1 Oz Empty **\$2.00**
No. 29838 2 Oz Empty **\$2.50**
No. 23310 1 Oz With Grease **\$2.75**
No. 29855 2 Oz With Grease **\$3.00**

Clock Oiler Set



One of each size **No. 13717**, **No. 13839** and **No. 19878**. With clear caps and pocket clips.
No. 32320 **\$7.00 set**

Precision Pen Oilers



Filled with clock oil that inhibits corrosion. Refillable. Great as giveaways. Made in USA.
No. 13717 1" Long Needle .25 Oz. **\$2.25 each \$25.20/ 12 (\$2.10)**
\$100.00/ 50 (\$2.00)

No. 13839 .. 2-1/4" Long Needle .25 Oz. **\$2.50 each \$28.20/ 12 (\$2.35)**
\$112.50/ 50 (\$2.25)

No. 19878 .. 3-3/8" Long Needle .25 Oz. **\$2.75 each \$31.20/ 12 (\$2.60)**
\$125.00/ 50 (\$2.50)

Empty dispensers only.
No. 29341 1" Long Needle **\$2.00**
No. 29342 .. 2-1/4" Long Needle **\$2.25**
No. 29343 .. 3-3/8" Long Needle **\$2.50**

Empty Dispensers Only Assortment
 One each of above.
No. 32472 **\$6.25 pack**

Precision Oiler Extensions

Slip them onto the tips of our precision pen oilers and extend the working length.
No. 18491 ... 4-1/2" Extension **\$1.00 each**
No. 18492 8" Extension **\$1.00 each**
12-Piece Oiler Extension Assortment
 6 pieces of each of the 2 sizes listed above.
No. 32485 **\$9.00 pack**

Nye 140-B Pen Oiler



1/4 ounce (approx. 7.4ml) Nye 140-B Synthetic Clock Oil in a precision 1" long needle tip applicator. Won't spread, corrode or gum.
No. 34314 **\$7.50 each**

Nye 140-B Oil Dispenser



1/2 ounce (approx. 14.8ml) Nye 140-B Synthetic Clock Oil in a plastic dispenser. 2-1/4" needle tip applicator. Won't spread, corrode or gum.
No. 34315 **\$10.50 each**

Moebius Grease



General purpose mainspring lubricant. Not as thick as grease, but thicker than oil. Can be used in watches, alarm clocks, pendulum clocks and wall clocks. 15ml bottle.
No. 30402 #8200-020 **\$24.00 each**



A heavier general purpose grease ideal for winding movements and mechanisms. 15 ml.
No. 13706 #8300-020 **\$24.00 each**

Moebius Clock Oils



For clocks, alarm clocks, music box mechanisms and meters not exposed to low winter temperatures. 20ml bottle. #8030-020.
No. 13745 **\$20.00 each**



#8031 oil is used in applications at lower temperatures than #8030 oil. 20 ml clock oil.
No. 29757 **\$26.00 each**



High viscosity suitable for large clocks, tower clocks and small machines, but can use on smaller clocks. Can use in low temperatures to -20 degrees Centigrade. 20ml. #8040-020.
No. 13746 **\$18.00 each**

Moebius Watch Oil



General purpose for chronometers, wrist watches and pocket watches. Outstanding lubrication with little spreading. Low freezing point. Use on pallet jewels, balance pivots, escapement wheels and small movements. 10ml.
No. 13744 #8000-08 **\$45.00 each**



Type M for pocket watches. 10ml bottle.
No. 29858 **\$21.50 each**

Nye Oils



Super refined 140-B oils. Won't spread or gum.
No. 13729 ... 1 oz. Watch Oil **\$13.50**
No. 13730 1 oz. Clock Oil **\$11.50**
No. 32145 2 oz. Clock Oil **\$15.00**
No. 13845 4 oz. Clock Oil **\$27.50**

Pioneer Clock & Watch Oil



Good British quality. H.S. Wash home brand.
No. 32953 100 ml Clock Oil **\$12.00**
No. 32955 50 ml Watch Oil **\$9.00**

Silcon-7 Sealant



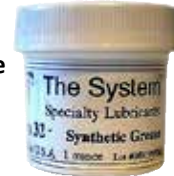
High vacuum pressure waterproof watch case sealant prevents leakage of moisture due to worn gaskets. Will not evaporate, harden or breakdown. No affect on watch oils. Unaffected by temperatures. 8 gram vial.
No. 16395 **\$12.00 each**

The System #163 Oil



Synthetic, Does not spread or gum. 1/4 oz.
No. 20523 1/4 oz. **\$15.00 each**

The System #163 Grease



For mainsprings and other sliding parts. 1 oz.
No. 23420 **\$15.50 each**

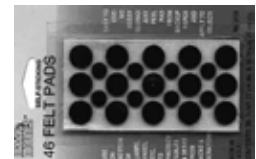
Pads, Dots & Bumpers

Adhesive Dots



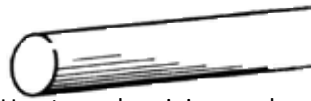
Multiple uses. Double sided. 1" diameter. 15 pieces/pack. China.
No. 32060 **\$1.25 pack**

Felt Pads



46 pieces. 3/8" and 1/2" self-adhesive pads.
No. 16611 **\$2.00 pack**

Drill Blanks



High speed ground steel. Use to make pinions, arbors, gages, pins, punches, or other special tools. Tolerance on all sizes: $\pm .0000'' - .0005''$. Hardened to Rockwell 63-65.

Part #	Drill #	Diameter	Length	Price
No. 30551	1	.228"	3-7/8"	\$3.00
No. 30552	2	.221"	3-7/8"	\$3.00
No. 30553	3	.213"	3-3/4"	\$2.75
No. 30554	4	.209"	3-3/4"	\$2.75
No. 30555	5	.2055"	3-3/4"	\$2.75
No. 30556	6	.204"	3-3/4"	\$2.75
No. 30557	7	.201"	3-5/8"	\$2.50
No. 30558	8	.199"	3-5/8"	\$2.50
No. 30559	9	.196"	3-5/8"	\$2.25
No. 30560	10	.1935"	3-5/8"	\$2.25
No. 30561	11	.191"	3-1/2"	\$2.00
No. 30562	12	.189"	3-1/2"	\$2.00
No. 30563	13	.185"	3-1/2"	\$2.00
No. 30564	14	.182"	3-3/8"	\$2.00
No. 30565	15	.180"	3-3/8"	\$2.00
No. 30566	16	.177"	3-3/8"	\$2.00
No. 30567	17	.173"	3-3/8"	\$2.00
No. 30568	18	.1695"	3-1/4"	\$1.75
No. 30569	19	.166"	3-1/4"	\$1.75
No. 30570	20	.161"	3-1/4"	\$1.75
No. 30571	21	.159"	3-1/4"	\$1.75
No. 30572	22	.157"	3-1/8"	\$1.50
No. 30574	24	.152"	3-1/8"	\$1.50
No. 30575	25	.1495"	3"	\$1.25
No. 30576	26	.147"	3"	\$1.25
No. 30577	27	.144"	3"	\$1.25
No. 30578	28	.1405"	2-7/8"	\$1.25
No. 30579	29	.136"	2-7/8"	\$1.25
No. 30580	30	.128"	2-3/4"	\$1.25
No. 30581	31	.120"	2-3/4"	\$1.25
No. 30582	32	.116"	2-3/4"	\$1.25
No. 30583	33	.113"	2-5/8"	\$1.25
No. 30584	34	.111"	2-5/8"	\$1.25
No. 30585	35	.110"	2-5/8"	\$1.25
No. 30586	36	.1065"	2-1/2"	\$1.25
No. 30587	37	.104"	2-1/2"	\$1.25
No. 30588	38	.1015"	2-1/2"	\$1.25
No. 30589	39	.0995"	2-3/8"	\$1.25
No. 30940	40	.098"	2-3/8"	\$1.25

Part #	Drill #	Diameter	Length	Price
No. 30941	41	.096"	2-3/8"	\$1.25
No. 30942	42	.0935"	2-1/4"	\$1.25
No. 30943	43	.089"	2-1/4"	\$1.25
No. 30944	44	.086"	2-1/4"	\$1.25
No. 30945	45	.082"	2-1/8"	\$1.25
No. 30946	46	.081"	2"	\$1.25
No. 30947	47	.0785"	2"	\$1.00
No. 30948	48	.076"	2"	\$1.00
No. 30949	49	.073"	2"	\$1.00
No. 30950	50	.070"	2"	\$1.00
No. 30951	51	.067"	2"	\$1.00
No. 30952	52	.0635"	1-7/8"	\$1.00
No. 30953	53	.0595"	1-7/8"	\$1.00
No. 30955	55	.052"	1-7/8"	\$1.00
No. 30956	56	.0465"	1-3/4"	\$1.00
No. 30957	57	.043"	1-3/4"	\$1.00
No. 30958	58	.042"	1-5/8"	\$1.00
No. 30961	61	.039"	1-5/8"	\$1.00
No. 30962	62	.038"	1-1/2"	\$1.00
No. 30963	63	.037"	1-1/2"	\$1.00
No. 30964	64	.036"	1-1/2"	\$1.00
No. 30965	65	.035"	1-1/2"	\$1.00
No. 30966	66	.033"	1-3/8"	\$1.00
No. 30967	67	.032"	1-3/8"	\$1.00
No. 30969	69	.029"	1-3/8"	\$1.00
No. 30970	70	.028"	1-1/4"	\$1.00
No. 30971	71	.026"	1-1/4"	\$1.00
No. 30972	72	.025"	1-1/8"	\$1.00
No. 30973	73	.024"	1-1/8"	\$1.00
No. 30974	74	.0225"	1-1/8"	\$1.00
No. 30975	75	.021"	1-1/8"	\$1.00
No. 30976	76	.020"	7/8"	75¢
No. 30977	77	.018"	7/8"	75¢
No. 30978	78	.016"	7/8"	75¢
No. 30979	79	.0145"	3/4"	75¢
No. 30980	80	.0135"	3/4"	75¢

Double Sided Mounting Tape



1" wide, 72" long. Adhesive on both sides.

No. 16610 \$3.50 roll

Cork Protector Pads



36 pieces. 9/16" self-adhesive pads.

No. 15379 \$1.50 pack

Velour Protector Pads



56 assorted diameter velour protector pads for leveling clock cases. Protects surfaces of furniture. Prevents clocks from sliding on smooth surfaces. Self-adhesive backed.

No. 14371 \$1.50 pack

Felt Padding



Dark green, self-adhesive. 1/16" x 8" square.

Easily cuts. Great for clocks, lamps, vases, etc.

No. 29852 \$3.00 each

Soft Dots - Rubber



30 pieces. 5/16" and 1/2" self-adhesive dots.

No. 16612 \$2.00 pack

Rubber Bumper

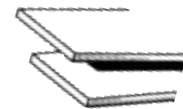


Black. 5/8" diameter x 3/8" tall. Nail included.

No. 20096 75¢ each

Rod, Sheet, Tube & Wire

Brass Sheets



C-260 half-hard 6" x 6" sheets. Comes slightly curled. Cut from rolls.

No. 19400	.001"	\$2.25 each
No. 19401	.002"	\$2.75 each
No. 19402	.003"	\$3.25 each
No. 19403	.004"	\$3.50 each
No. 19404	.005"	\$3.75 each
No. 19405	.006"	\$4.00 each
No. 19406	.007"	\$4.25 each
No. 19407	.008"	\$4.50 each
No. 19408	.010"	\$4.75 each
No. 19409	.012"	\$5.00 each
No. 19410	.015"	\$5.25 each
No. 19411	.020"	\$6.25 each
No. 19412	.025"	\$6.50 each
No. 19413	.031"	\$8.50 each

Brass Sheet Assortments

7 assorted sheets in a package.

No. 19414 From .001"-.007" \$21.50 pack

No. 19415 From .008"-.031" \$34.50 pack

Steel Shim Stock



6" x 6". Comes slightly curled. Cut from a roll.

No. 19391 .008" \$1.50 each

No. 19392 .010" \$1.75 each

No. 19393 .012" \$2.00 each

No. 19394 .015" \$2.25 each

No. 19396 .025" \$2.75 each

Wire Assortment - Brass



23 assorted wires .025" to .156". 6" long.

No. 15867 \$6.00 pack

Brass Rod Assortment



10 pieces. Ideal for bushings blanks and other applications. Size ranges from 0.5mm to 10mm (.020" to .394"). 11" long. India.

No. 23886 \$25.50 pack

Cold Rolled Type C1018 Steel Rod



Low carbon steel. Good machining characteristics. Weld, braze or solder. Great for small parts. Outside diameter x length listed.

No. 29346 1/8" x 12" \$2.25 each

No. 29347 3/16" x 12" \$2.75 each

No. 29348 1/4" x 12" \$3.25 each

No. 29353 3/4" x 12" \$11.50 each

Rod, Sheet, Tube & Wire

Ground Tool Steel Rod



A-2 drill rod. Air-hardening ground and polished. Replaces O-1. Safer heat treating, less distortion during hardening and greater wear resistance. Machineability equal to or better than O-1. Medium carbon, medium chrome content. For shafts, punches, tools, etc. +/-0.0005" tolerance on OD. 59/62 Rockwell hardness. 1725-1775°F hardening temperature. Air quench. Temper at 350-500°F. Referred to as Silver Steel in England.

No. 29354	1/16" x 6"	\$2.50 each
No. 29356	1/8" x 6"	\$3.25 each
No. 29358	3/16" x 6"	\$4.25 each
No. 29360	1/4" x 6"	\$4.75 each

Soft Brass Wire



For good workability. 1 oz. spool.

No. 29531	#20 (.032")	\$16.50 spool
No. 29532	#22 (.025")	\$12.25 spool
No. 29533	#24 (.020")	\$12.25 spool
No. 32893	#26 (.016")	\$13.25 spool
No. 32894	#28 (.013")	\$13.25 spool

Brass Spring Wire



1 oz. spools in B and S sizes.

	.81mm	.032" Dia.	
No. 32890	#20		\$14.00 spool
	.64mm	.025" Dia.	
No. 10570	#22		\$14.75 spool
	.51mm	.020" Dia.	
No. 10571	#24		\$15.50 spool
	.42mm	.016" Dia.	
No. 10572	#26		\$15.50 spool
	.33mm	.013" Dia.	
No. 10573	#28		\$16.50 spool

Brass Spring Wire



24 pieces. 7" long x .055" diameter.

No. 10633 **\$11.50 pack**

Brass Spring Wire Assortment



12-coil medium hard brass set includes one coil each of B and S gauge sizes 18 to 30. Ideal for making springs and other clock and watch parts. India.

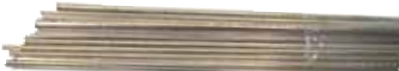
No. 23908 **\$11.50 pack**

Wire Assortment - Floating Balance

25 assorted stainless steel wires. From .008" through .025" diameters 5" long.

No. 11220 **\$8.50 pack**

Wire Assortment - German Silver



33-piece assortment. 13 sizes from 0.70mm through 3.50mm x 6" long. India.

No. 33686 **\$8.00 pack**

.010" Music Wire Coil



3 foot roll of coiled .010" spring steel. Perfect for springs and tension wires.

No. 19421 **\$1.00 roll**

Music Wire



Use for springs, lantern pinions, pivots. 11".

No. 18276	1/32" Dia.	75¢ each
No. 18277	1/16" Dia.	\$1.00 each
No. 18278	3/32" Dia.	\$1.25 each
No. 18279	1/8" Dia.	\$2.00 each
No. 18281	3/16" Dia.	\$2.50 each

Pinion Wire



Hardened pivot wire for pivots and lantern pinions. 12-6" lengths in a pack.

No. 32371 .....	.020" Dia.	
No. 32372 .....	.022" Dia.	
No. 32373 .....	.024" Dia.	
No. 32374 .....	.026" Dia.	
No. 20288 .....	.029" Dia.	
No. 32389 .....	.031" Dia.	
No. 20291 .....	.033" Dia.	
No. 20293 .....	.035" Dia.	
No. 32375 .....	.037" Dia.	
No. 20295 .....	.039" Dia.	
No. 20297 .....	.041" Dia.	
No. 20299 .....	.043" Dia.	
No. 20301 .....	.045" Dia.	
No. 32376 .....	.047" Dia.	
No. 32377 .....	.049" Dia.	
No. 32378 .....	.051" Dia.	
No. 32379 .....	.055" Dia.	
No. 32380 .....	.059" Dia.	
No. 32390 .....	.063" Dia.	

\$3.50 pack \$9.75/ 3 (\$3.25)

No. 20302020" To .039" **\$3.50 pack**

Assortment of 9 large sizes (1 each):

No. 20303041" To .063" **\$3.50 pack**

Brass Wire Assortment



37-piece assortment of brass wire 6" long. .025" (0.6mm) to .156" (4mm) diameters. India

No. 23800 **\$8.50 pack**

Blued Steel Wire Assortment



37-piece assortment of blued steel. 4.5" long. .025" (0.6mm) to .156" (4mm) diameters. India.

No. 23801 **\$8.50 pack**

Tempered Steel Wire Assortment



4-1/4" lengths of blue tempered steel wire. 12-piece packs. India.

No. 33688	0.30mm 0.95mm	\$8.25 pack
No. 10430	0.55mm 1.95mm	\$8.50 pack

Wire - Steel



10-meter (32.8 feet) roll. Many uses. China.

No. 30480 0.45mm (.017") **\$2.00 roll**

1MM X 30M Steel Wire



3 - 10 meter rolls (total of 99 feet) are 1mm (.039") thick. Many uses. China.

No. 34276 **\$3.50 pack**

Wire Assortment - Staff & Pivot



37 assorted 6" pieces of hardened steel wire in a pack. From 0.027" (0.69mm) through 0.152" (3.88mm). India

No. 18758 **\$8.50 pack**

Brass Bushing Tube Assortment



8 pieces. Ideal for bushings. O.D.'s from 3mm to 11mm (.118" to .433"). I.D.'s from 2mm to 7.8mm (.079" to .307"). 3-1/8" long. India.

No. 23885 **\$12.50 pack**

Second Hands Brass Pipe



3-1/8" long hollow brass tube is perfect for making second hand pipes.

2.0mm OD x 0.55mm ID.

No. 23680 **\$1.25 each**

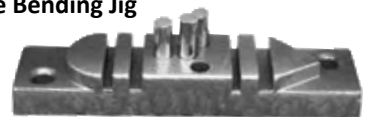
2.5mm OD x 0.65mm ID.

No. 23681 **\$1.25 each**

3.0mm OD x 1.0mm ID.

No. 23682 **\$1.25 each**

Wire Bending Jig



Bends and forms wire and metal strips. Use in a vise or attach to the bench. India.

No. 17746 **\$6.50 each**

Wire Bender



5-1/2" long. Slot is 1/8" deep x 1/16" wide. Helpful when putting a clock in beat. India.

No. 13830 **\$3.50 each**

Rod, Sheet, Tube & Wire

Wire Rounding Tool



Deburs wire ends and tapered pins after cutting. The 1.8mm cup end does the job with a couple of twists of the hardwood handle. India.
No. 29030 \$7.50 each

Lantern Pinion Cutter



Heavy duty. Cuts hard pinion wire from .65 to 1.65mm (.025-.065") diameter. Adjustable stop. Can be mounted to the bench. India.
No. 22923 \$46.00 each

Shop Supplies

Hobby Knife Set



16-piece assortment includes a variety of blades for craft work and 3 different sized handles. In a plastic case. China.
No. 29251 \$5.50 set

Shop Apron



Knee length apron with top and bottom pockets. Holds tools and small supplies. Ties around the waist. Washable denim.
No. 14398 \$9.50 each

Latex Finger Cots



Soft, thin latex maintains a sensitive touch. One size fits all. 12-pack. India.
No. 14956 \$2.00 pack

Protective Cotton Gloves



Prevent stains and fingerprints on jewelry and movements. Wear on either hand. Heavy weight, large size. 12-pack.
No. 14918 \$9.50 pack

Large Disposable Nitrile Glove



Soft and flexible. 4 mils thick. Disposable and reversible to fit either hand. Large 100/box. Powder free.
No. 34272 \$11.50 pack

Dial Silvering Powder

Dial Silvering Powder



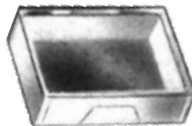
Timesavers Exclusive!

Price Subject To Change Based On Silver Price

2-part kit guarantees professional results. Kit Includes 2-3 oz. jars and instructions. Non-flammable, non-poisonous.
No. 19551 \$72.50 kit

Storage Bags, Bins & Boxes

Plastic Storage Box



1-3/4" x 1-3/8" x 1/2" deep. Transparent top.
No. 15864 50¢ each

Plastic Storage Box-Partitioned



3" diameter x 3/4" deep with fitted cover and five partitions. India.
No. 20513 \$2.00 each

Storage Box



Flip-up lids for easy access. 8 compartments. 3" long x 3-3/16" wide x 13/16" deep. Taiwan.
No. 29459 \$2.00 each

Storage Box



Folding plastic. 8 compartments on one side and 5 on the other. Lids open on both sides. 6-1/2" x 3-3/4" x 1-3/4" depth. Taiwan.
No. 29458 \$5.00 each

Wood Boxes With Aluminum Containers



Wood storage boxes with round aluminum containers with glass tops. India.
7/8" Dia. x 5/8" Deep
No. 15486 . 24 Containers \$15.50 each
No. 15485 .. 36 Containers \$25.00 each

Small Parts Storage Boxes - Closeout

Different sizes/styles. Some of the plastic may be cloudy or have light scratching.



No. 00850 Clear 2-1/16" x 1-5/8" x 5/16" D
 Was 75¢ each Now 25¢

Self-Locking Plastic Bags



Reusable, dustproof, waterproof.
No. 29233 1" x 1" \$1.25 per 100
\$5.50/ 500 (\$1.10) \$10.00/ 1000 (\$1.00)

No. 14350 2" x 2" \$2.00 per 100
\$9.25/ 500 (\$1.85) \$17.50/ 1000 (\$1.75)

No. 14351 2" x 3" \$2.25 per 100
\$10.50/ 500 (\$2.10) \$20.00/ 1000 (\$2.00)

No. 14352 3" x 4" \$2.50 per 100
\$11.75/ 500 (\$2.35) \$22.50/ 1000 (\$2.25)

No. 14353 4" x 6" \$3.50 per 100
\$16.75/ 500 (\$3.35) \$32.50/ 1000 (\$3.25)

Plastic Bushing Boxes



Clear. 2-5/16" x 1-15/16" x 9/16" deep. Note: #23810 is 2-3/8" x 3-1/4" x #/4" deep. Perfect for small parts or to make up your own bushing assortments. Secure slip on cover.
No. 29006 2 Compartments \$1.50
No. 29007 3 Compartments \$1.50
No. 29008 4 Compartments \$1.50
No. 23809 8 Compartments \$1.50
No. 23810 10 Compartments \$1.75
No. 23887 12 Compartments \$2.00

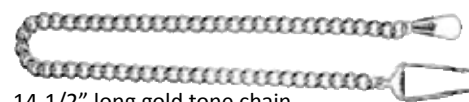
Watches & Related

Human Shape Mechanical Bronzed Pocket Watch



Cute mechanical wind clip-on Arabic watch measures 1-1/2" wide x 1-13/16" tall with a 1-1/2" tall clip. China.
No. 34324 \$7.50 each

Pocket Watch Chain



14-1/2" long gold tone chain.
No. 19815 \$5.00 each

Watches & Related

Leather Watch Fobs

Watches
Not
Included



No. 22814

No. 22813

No. 22814 7-3/4" Brown \$2.00 each
No. 22813 9-3/4" Black \$3.00 each

Leather Watch Pouch



Leather with draw strings. Colors vary.
No. 15673 4" x 3" \$3.00 each
\$30.00/ 12 (\$2.50)

Watch Displays

Plastic Watch Display Stand



Displays pocket watches, either open or hunting case. 1-3/8" diameter x 1-5/8" tall.
No. 11737 \$3.00 each

Pocket Watch Display Stands - Brass



Watches
Not
Included

No. 14344

No. 14345

2-1/2" Sq. Base x 3-3/4" Tall 2-1/2" Sq. Base x 4-1/4" Tall
No. 14344 Open Face
No. 14345 Hunting Case
\$20.50 each \$60.00/ 3 (\$20.00)

Watch Dome - Glass

Watch
Not
Included



Glass dome with hardwood base and removable brass hook. Felt pad prevents sliding and protects furniture. 3" diameter x 4-1/2" tall.
No. 32144 Oak Base \$12.00 each
No. 14008 Walnut Base \$12.00 each
\$35.25/ 3 (\$11.75)

Brass Mounting Post For Display Dome



Used on our #14008 and #32144 domes, but can be used on others. 175" diameter wire x 3-3/4" overall height. Hang pocket watches and other display items on this post.
No. 34251 \$1.50 each

Watch Dome - Plastic

Watch
Not
Included



Economical crystal clear acrylic dome with a brass hook on a black acrylic base.
No. 17456 3-1/2" Dia. x 4-3/4" T \$13.00
No. 20008 4" Dia. x 5-1/2" T \$14.50

Watch Parts

Balance Staffs - Pocket Watch



50-piece pack of assorted sizes. India.
No. 34042 \$10.00 pack

Balance Staffs - Wrist Watch



100-piece assortment. India.
No. 32256 \$2.50 pack

Battery Clamp Assortment



10-piece assortment of hold down clamps for watch batteries. India.
No. 24643 \$5.00 pack

Battery Clasp Screws - 100 Piece Assortment



No. 32111 \$4.00 pack

Bows



12-piece chrome assortment for pocket watches. Sizes 12mm to 20mm. India.
No. 31025 Chrome \$7.50 pack
No. 32058 Gold \$8.50 pack

Center Wheel Jewel Assortment



100-piece pack for mechanical watches. India.
No. 30986 \$3.75 pack

Crowns



100-piece assortment of yellow and white for Swiss and Japanese watches. India.
No. 32789 \$11.50 pack

Crowns



100-piece 26/90 assortments. Short, medium and long pipes. India.
No. 31015 Yellow Finish \$3.75 pack
Long pipes only. India.
No. 33687 Chrome Finish \$7.00 pack
No. 33702 Yellow Finish \$7.00 pack

White (Chromed) Watch Crown



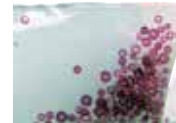
96 pieces per pack. Tap #6 (1.30mm). 1.80mm mounting tube diameter. 6.70mm diameter head. 1.20mm overall height (head + mounting tube). Made in Switzerland. Was \$36.00. While supplies last.
No. 02632 \$12.00 pack

Clear Protective Glass Covering



59mm (2-5/16") diameter vinyl for large watch and small clock lenses. 10 pieces/pack. India.
No. 32967 With pull tab \$1.00 pack
No. 32968 No pull tab \$1.00 pack

Hole Jewel Assortment



100-piece pack for mechanical watches. India.
No. 30987 \$2.50 pack

Incabloc Shock Springs



Used in many Swiss and German watches to hold jewels. 25 assorted pieces. India.
No. 32901 \$5.00 pack

Movement Rings - Plastic



100 assorted sizes/styles for watches. India.
No. 31014 \$10.00 pack

'O' Rings - (Gaskets)



Rubber gaskets for most watches. 14mm to 30mm. India.
No. 31017 Flat 72 pieces \$3.00 pack
No. 31018 Round 100 pieces \$3.00 pack
100 pieces 32mm to 50mm diameters. India.
No. 32788 Flat \$5.50 pack
No. 32056 Round \$5.50 pack

Watch Parts

Pallet Jewel Assortment



100 piece assortment for mechanical watches. India.

No. 30985 \$2.50 pack

Ruby Jewels



100 piece pack of assorted ruby pins for watch rollers. India.

No. 34041 \$3.50 pack

Watch Pendant Tubes 144-Piece Assortment - Closeout



Provides the sealing surface for the crown gasket in waterproof cases. 12 different sizes (13 to 24). 2.0mm heads. Swiss. Was \$27.50.

No. 00413 \$9.50 pack

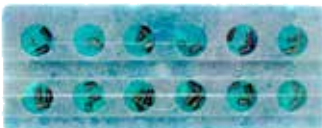
Watch Pendant Tubes 144-Piece Assortment - Closeout



Provides the sealing surface for the crown gasket in waterproof cases. 12 different sizes (1 to 12). 2.5mm heads. Swiss. Was \$27.50.

No. 01797 \$9.50 pack

36-Piece Assortment Stepped Pendant Tube - Closeout



Provides sealing surface for the crown gasket in waterproof cases. Stainless steel. 2.5mm head. 1.9mm to 2.2mm diameters. 12 different sizes. Swiss. Was \$16.00.

No. 33403 \$5.00 pack

Spring Bar Assortment



100 assorted stainless steel spring bars in sizes 8mm to 19mm. In a plastic case. Made in India.

No. 15880 \$5.50 pack

Spring Bar & Watch Strap Size Selector



Handy for the jeweler or watchmaker. 4-3/4" x 1" white plastic. For sizes 6mm to 34mm. India
No. 33973 \$3.50 each

Convex Brass Foil Washers - Closeout



100-piece pack. For dial trains of wrist and pocket watches. 6.0mm OD x 3.2mm ID x 2.5mm thick. Swiss. Was \$7.50.

No. 01796 \$2.00 pack

Dial Washer 100-Piece Assortment - Closeout



Convex round hole brass. Used on watches and small alarm clocks. 7.0mm OD x 3.0mm ID x 2.5mm thick. Swiss. Was \$7.50.

No. 33574 \$2.00 pack

Wire Springs



100piece assortments. India.

No. 31020 Flat Wire \$1.00 pack

No. 31021 Round Wire \$1.00 pack

Longines 4LN-5.16 Watch Stems



3-piece pack. Swiss. Was \$12.00.

No. 01758 \$3.00 pack

BFG 866 Watch Winding Stem



For watch movement. Swiss. 17.5mm long. Was \$5.00.

No. 00867 \$1.00 each

Westclox Switch Staff for Model 69E



Original Westclox material. 1-9/16" long post. Used on Big Ben Chime Alarm and others. Was \$6.00. While supplies last.

No. 01989 \$3.00 each

Westclox Regulator Dust Cover For Model 48D



Original Westclox material. 1-7/16" wide x 1" tall. For Big Ben Loud Alarm Clocks and others.

Was \$5.00. While supplies last.

No. 01997 \$2.00 each

Gift Certificate

Timesavers Gift Certificate



Perfect gift for the repairman, hobbyist or collector! Available in any denomination. Please enter the amount desired in the Special Instructions area of your order.

No. 77777

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The **NAWCC** exists to advance the art and science of horology (timekeeping). The **NAWCC** actively serves the public and supports its members by providing educational opportunities, encouraging preservation, facilitating research, publishing horological works, providing online venues for information exchange and sponsoring events. The National Watch and Clock Museum and the **NAWCC** Library preserve a diverse collection of timekeeping artifacts, books, and archival materials. U.S. and International **NAWCC** Chapters also host educational events and exhibits related to horology.

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Brass Bezel



13" outside diameter. Bright polished finish.
Was \$33.00.
No. 90340 \$16.50 each

9-3/16" Bezel & Convex Glass Assembly



Brass bezel. Plastic liner with 4 mounting pins on rear side. **Was \$30.00.**
No. 90299 \$15.00 each

257mm (10-1/8") Bezel & Convex Glass Assembly

Brass bezel. With hinge and latch affixed. **Was \$40.00.**
No. 90074 \$20.00 each

6-3/16" Dial, Bezel & Convex Glass Assembly



Ivory dial with Roman numerals. 5-3/8" time track. Hinged brass bezel. 10mm center hole. "Hermle" logo above center hole. "Made in Germany" indicated at dial bottom. **Was \$25.00.**
No. 90079 \$12.50 each

6-3/8" Ivory Arabic Moon Dial, Bezel, Convex Glass Assembly



5-3/8" time track. Cutout for moon phase. Hinged brass bezel. "Hermle" logo above 10mm center hole. "Germany" at dial bottom. **Was \$40.00.**
No. 90081 \$20.00 each

7" Ivory Arabic Palm Tree Dial, Bezel, Convex Glass Assembly



Ivory background with 4 green palm trees depicted. 6-3/8" time track. Hinged brass bezel with decorative embossed edge. "Hermle" logo above the 10mm center hole. "Since 1922" imprinted below the center hole. "Made in Germany" at dial bottom. **Was \$40.00.**
No. 90049 \$20.00 each

Tall Case Moon Phase Arabic Brass Dial



200mm x 285mm (7-13/16" wide x 11-3/16" tall) overall. Brushed brass background. Screened scrolling in center section. 4 gold toned spandrels at corners. 6-13/16" time track. Raised black numerals on silver chapter ring. "Silent" and "Chime" slot to the right of the #3. 9.5mm winding arbor holes on 3-5/8" centers. "Hermle" logo above the 10mm center hole. Dark blue moon phase background with gold moon and stars. The reverse has 4-1" mounting shafts and all gearing for the moon phase and calendar advancing wheels. **Was \$90.00.**
No. 90341 \$45.00 each

Tall Case Moon Phase Roman Calendar Dial



280mm x 350mm (11" wide x 13-3/4") tall overall. Screened ivory with dark red flowers in corners. 10-3/8" time track. 10mm center hole. 9.25mm winding arbor holes on 5-11/16" centers. 1-5/8" diameter seconds bit has gold sunburst pattern. Hermle logo beneath time setting arbor hole. Dark Blue moon phase background with silver moon and stars. The reverse has 4-2" mounting shafts and all gearing for the moon phase and calendar advancing wheels. **Was \$135.00.**
No. 90055 \$60.00 each

6-1/4" x 4-5/8" Oval Quartz Ivory Roman Dial



For Model #22879. Screened aluminum. 5-3/8" x 3-3/16" oval time track. "Franz Hermle & Sohn" logo above 10mm center hole. "Quartz" indicated below center hole. **Was \$12.00.**
No. 90078 \$6.00 each

Hermle Tall Case Moon Phase Arabic Dial



280mm x 395mm (11" wide x 15-9/16" tall) overall. Raised brass and gold center and corners with mottled brass background. 9-5/16" time track. Raised gold numbers on brushed silver chapter ring. 9.50mm winding arbor holes on 5-11/16" centers. 1-7/8" diameter seconds bit with a 1-3/8" time track. Dark blue moon phase background with brass toned moon and stars. "Silent", "Whitt, St. Mich." and "Westm" imprinted to the right of the #3. "Hermle" logo on a brass badge beneath 11.25mm center hole. "Made in Germany" at dial bottom. The reverse has four 1-5/8" mounting shafts and all gearing for the moon phase and calendar advancing wheels. **Was \$165.00.** While supplies last.
No. 90054 \$55.00 each

4-7/8" Silver Roman Dial



Brushed silver finished aluminum. 4" time track. "Hermle" logo above 10mm center hole. "Since 1922" below center hole. "Made in Germany" at dial bottom. Used on Hermle #22926, but can use on others. **Was \$10.00.**
No. 90059 \$5.00 each

5-3/8" Ivory Arabic Flower Dial



4-11/16" time track. Screened on brass. Ivory dial with deep red rose. Hermle logo above 10mm center hole. "Made in Germany" indicated below #6. **Was \$12.00.**
No. 90090 \$6.00 each

5-3/8" Mottled Gray Quartz Arabic Dial



Screened aluminum. 4-9/16" time track. "Hermle" logo above 10mm center hole. "Dual Chime" below center hole. **Was \$6.00.**
No. 90298 \$3.00 each

6" Arabic Dial With Dial Ring



White dial with 5-1/4" time track. Brass finished aluminum bezel. "Hermle" logo above the 10mm center. 10mm winding arbor holes on 3-3/16" centers. **Was \$9.00.**
No. 90333 \$4.50 each

6" Roman White With Dial Ring



5-1/4" time track. Hermle logo above 10mm center hole. 10mm winding arbor holes on 3-3/16" centers. Silver finished aluminum surround. **Was \$12.00.**
No. 90325 \$6.00 each

6-1/8" Arabic Dial With Dial Ring



6-1/8" OD with 5-3/8" time track. Green foliage depicted. 10mm center hole. Hermle logo above center hole. "Made in Germany" indicated at bottom of dial. **Was \$12.00.**
No. 90063 \$6.00 each

Dial With 5-7/8" Time Track



Silk screened aluminum. 10mm center hole. "Hermle" logo above center hole. "Germany" indicated at dial bottom. **Was \$14.00.**
No. 90092 \$7.00 each

7-1/16" Fancy Dial With Dial Ring



180mm outside diameter. Arabic numerals on brushed silver chapter ring. 6" time track. "Hermle" logo above the 10mm center hole. 3-3/16" on centers between 9.5mm winding arbor holes. "Germany" at dial bottom. Brass & gold center. Brass plated aluminum surround. Used with #351 movement but can use with others. **Was \$20.00.**
No. 90086 \$10.00 each

7-1/16" (180mm) Regulator White Roman Dial With Silver Dial Ring For #140-031



6-1/16" time track. Hermle logo above 10.25mm center hole. 9.25mm winding arbor holes on 2-3/16" centers. Silver polished steel surround. "Made in Germany" at dial bottom. Four 1" long mounting pins on false plate. **Was \$36.00.**
No. 90041 \$12.00 each

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**10-1/8" (257mm) Ivory
Arabic Westminster Dial**



Screened aluminum dial. 8-5/8" time track. "Hermle" logo above the 10mm center hole. 3-3/16" on centers between 9.5mm winding arbor holes. "Westminster" below the winding arbor center hole. "Made in Germany" at dial bottom. **Was \$24.00.**

No. 90050 \$10.00 each

**11-13/16" (300mm)
Brushed Silver Roman
Dial With Dial Ring**



Beautiful satin nickel finish on dial and surround. 10-5/16" time track with 9.75mm center hole. 1-5/8" 2nd bit time track with 5.5mm center hole. 9.25mm diameter winding arbor holes on 5-11/16" centers. "Franz Hermle and Sohn" logo beneath winding arbor hole. "Made in Germany" on dial bottom. Four 1-5/8" mounting pins on rear plate. **Was \$160.00.**

No. 90047 \$60.00 each

**12" (305mm) Brushed
Silver Roman Dial
With Dial Ring**



Striking brushed silver dial with 10-3/8" (265mm) time track. 1-5/8" second hand time track. 9.5mm winding arbor holes on 145mm (5-11/16") centers. 10mm center hole. "Franz Hermle & Sohn" logo beneath time winding arbor. "Made in Germany" at dial bottom. Four 1-11/16" mounting pins on reverse. Polished brass surround. **Was \$160.00.**

No. 90046 \$60.00 each

**12-5/8" Speckled Ivory
Roman Dial With
9-7/16" Time Track**



Silk screened aluminum. 10mm center hole. "Franz Hermle and Sohn" logo above center hole. "Dual Chime" below the center hole. "Germany" indicated at dial bottom. **Was \$28.00.**

No. 90089 \$12.00 each

**12-5/8" Speckled Ivory
Roman Dial With
10-3/4" Time Track**



Silk screened aluminum. 10mm center hole. "Hermle" logo above center hole. "Dual Chime" below the center hole. "Germany" indicated at dial bottom. **Was \$28.00.**

No. 90085 \$12.00 each

**13" (330mm) Bulova
Dial For #1171**



11" time track. Brushed silver second ring sits on gold filigree center. Gold Arabic numerals on a brushed silver background. 9.5mm diameter arbor holes on 6-3/8" center. "BULOVA" imprinted below #12. "Made in Germany" below #6. Night switch shut-off slot to the left of #9. Chime setting slot to the right of #9. Beautiful brass raised surround. Four 1-5/8" mounting posts on back. **Was \$175.00.**

No. 90073 \$75.00 each

Same as above but arbor holes on 6-1/8" centers.

No. 90072 \$75.00 each

**6-11/16" X 7-1/4"
Fancy Arabic Dial**



170mm x185mm brass finished aluminum. 5-7/8" time track. Raised black numerals on brushed silver chapter ring. Gold and brass finished center and corners. "Hermle" logo above 10mm center hole. **Was \$10.50.**

No. 90082 \$5.25 each

**7-5/8" W X 8-1/2" T
Fancy Roman Dial**



Ornate screened brass with brass finished corner spandrels. 5" time track. Black numerals on brushed silver chapter ring. "Hermle" logo above the 10mm center hole. "Made in Germany" at dial bottom. 4 mounting holes 1-1/8" from top and bottom. Double faced tape on rear can be removed. **Was \$30.00.**

No. 90337 \$15.00 each

**6-11/16" W X 7-1/4" T
Fancy Metal Dial**



Brass finished aluminum. 5-15/16" time track. Embossed black numerals on brushed silver chapter ring. Same as #90082 except with embossed brown and brass finished center and spandrels. "Hermle" logo above 10mm center hole. **Was \$12.00.**

No. 90083 \$6.00 each

**7-7/16" (190mm) Square
Distressed Arabic
Mission Clock Dial**



Brass dial back with distressed white dial face. 5-7/8" time track. "Franze Hermle & Sohn-1922" above 10mm center hole. "Made in Germany" at dial bottom. **Was \$15.00.**

No. 90052 \$7.50 each

**13" (330mm) Gray
Roman Paper Dial
For Hermle #540**



Weathered gray dial printed on 20-7/8" heavy square vynal stock with a peel-off adhesive back. 2" second bit diameter with 1-5/8" time track. 10" time track. Hermle logo. **Was \$9.00.**
No. 90345 \$4.50 each

**5-3/8" Roman Flowered
Steeple Dial**



8-5/8" wide by 12" tall. 5-3/8" time track. Screened ivory with deep red flowers on heavy aluminum. Used on Hermle Model #22859. 9.25mm winding arbors on 3-11/16" centers. 10mm center hole. "Franz Hermle and Sohn 1922" logo above center hole. "Germany" indicated below #VI. **Was \$20.00.**

No. 90093 \$10.00 each

**5-5/8" X 7-3/4" Tempus
Fugit Ivory Roman Dial**



143mm square x 197mm tall overall brushed silver finished aluminum dial. 4-5/16" brush silver time track. Center and spandrel screened gold vines and on both sides of the 1-7/16" ivory Tempus Fugit circle. "Hermle" above 9mm center hole. 9mm winding arbor holes on 2" centers. Used on Hermle Quartz Model #22880Q170809, but can use on others. "Made in Germany" at dial bottom. **Was \$20.00.**

No. 90065 \$10.00 each

Post For Plastic Plate



Nickel steel. 6mm across flats x 96.5mm overall length. 78.6mm body length. M4 thread. **Was \$5.00.**

No. 90301 \$2.50 each

**Hardboard Case
Backboard -
Black/Brown**



Use as case back on small clocks. 1/8" thick x 7-7/16" wide x 9-1/4" overall height. Black on one side, dark brown on the other side. Can cut to size. Used on Hermle clocks, but can use on others. **Was \$3.00.**

No. 90031 \$1.50 each

Same as above but black oak finish.

No. 90270 \$1.50 each

**Brass Case
Decoration**



Machined. 2" wide x 1" tall x 5/16" thick. Used on some Hermle cases. **Was \$12.00.**

No. 90001 Plain Brass \$6.00 each

No. 90002 ... Nickel Brass \$6.00 each

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2-5/8" Long X 1-7/16" Wide Antiqued Door Hinge



Used on Hermle floor clocks, but can use as needed. Antique brass finish on steel. Six 1/4" countersunk mounting holes. **Was \$5.00.**
No. 90005 _____ **\$2.00 each**

Brass Door Hinge



1/2" wide x 7-1/2" long. Ten .109" mounting holes. Can be used on other doors. **Was \$6.00.**
No. 90010 _____ **\$3.00 each**

80mm Glass Door Hinge



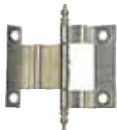
2-9/16" tall. Brass plated steel. .173" width of positioning slot which has a plastic washer assembled. Three 6mm (.236") countersunk mounting holes. **Was \$10.00.**
No. 90011 _____ **\$5.00 each**

Cabinet Door Hinge



2-5/8" long nickel plated steel hinge. Used on Hermle clocks but can be used on other cabinets and doors. **Was \$7.50.**
No. 90025 _____ **\$3.75 each**

Cabinet Door Hinge



Brushed nickel plated steel. Measures 4" (102mm) overall length. Used on many floor clocks and other fine furniture. All holes are countersunk. **Was \$5.00.**
No. 90017 _____ **\$2.50 each**

4" Cabinet Front Door Hinge



Brushed nickel plated steel. Measures 4" (102mm) overall length. Used on many floor clocks and other fine furniture. All holes are countersunk. **Was \$5.00.**
No. 90016 _____ **\$2.50 each**

Column Holder - Brass - Closeout



1" square. Accommodates 11/16" (.687") diameter column. Used on Hermle clocks, but can use on others. **Was \$6.00.**
No. 90009 _____ **\$3.00 each**

Cabinet Door Lock With 2 Keys



Used on curio cabinets and other cabinetry, doors and drawers. Nickel brass key face plate. 11/16" diameter cast zinc cylinder for up to 3/8" thick doors or drawers. 1-1/4" from center of cylinder to center of latch slot. **Was \$12.50.**
No. 90021 _____ **\$6.25 set**

Recessed Door Magnet



1/2" diameter x 35/64" tall. Brown plastic ribbed sleeve for tight fit. 3/16" wide magnet slot. **Was \$3.00.**
No. 90006 _____ **\$1.50 each**

20mm Diameter Brass Door Knob



Machined brass. 4mm internal thread for mounting screw which is not included. **Was \$7.50.**
No. 90292 _____ **\$3.75 each**

Black Door Pull



Blackened brass. 1" wide x 3-3/4" tall. For Hermle cabinetry and others. **Was \$10.00.**
No. 90013 _____ **\$5.00 each**

Antiqued Brass Hermle Door Pull



10mm (.394") diameter head. 8.5mm (.335") long body. 3mm diameter wood screw affixed. **No. 90034** _____ **\$3.75 each**

Antique Nickeled Mini Door Pull



8mm (.315") diameter head. 10mm (.394") long body. 3.5mm internally threaded. Does not include mounting screw. **No. 90022** _____ **\$3.00 each**

Door Striker Plate



Brass plate steel. 2.2" long x .358" wide x .053" thick. Two .145" mounting holes. **Was \$2.00.**
No. 90039 _____ **50¢ each**

Key Holder Gripper Clip 3-Pack



Opaque plastic. Clock key snaps in place. 9mm (.355") wide x 15mm (.590") tall with a 3.5mm (.138") predrilled hole at the bottom to screw into you clock case. **Was \$1.50.**
No. 90035 _____ **50¢ pack**

Distressed Brass Key Plate



1-7/32" wide x 1-17/32" tall. 19/32" long key hole. Used on many Hermle clocks and curio cabinets. **Was \$6.00.**
No. 90028 _____ **\$3.00 each**

Distressed Black & Gold Key Plate



Black and gold finished brass. 1-1/16" wide x 1-11/32" tall. 21/32" long key hole. 2-.090" diameter mounting holes. Used on many Hermle clocks and curio cabinets. **Was \$6.00.**
No. 90007 _____ **\$3.00 each**

2-5/8" Sawtooth Hanger



Sturdy .035" thick aluminum with .152" mounting holes. Hang clocks or pictures. 10-pack. **Was \$2.00.**
No. 90033 _____ **\$1.00 pack**

Shelf Support



Fits 3/16" hole x 1/2" deep. Flat section is .305" wide x 7/16" long. Overall length is 15/16". Zinc and yellow plated steel. Used on Hermle curio cabinets but can use as needed. **Was \$2.00.**
No. 90024 _____ **50¢ each**

Chime Selector Lever



Nickel steel. 3-5/8" long. **Was \$5.00.**
No. 90328 _____ **\$2.50 each**

#8-32 X 3/4" Slotted Flat Head Machine Screw



10-piece pack. Used on Hermle clocks, but can use as needed. Zinc plated. **Was \$2.50.**
No. 90113 _____ **\$1.00 pack**

#8-32 X 7/8" Cross Slotted Truss Head Machine Screw



10-pack. Used on Hermle clocks, but can use as needed. Zinc plated. **Was \$2.50.**
No. 90114 _____ **\$1.00 pack**

#8-32 X 1" Phillips Truss Head Machine Screws



Plated with a dark grey finish. 10-pack. **Was \$2.50.**
No. 90115 _____ **\$1.00 pack**

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#12-28 X 25/32" Flat Head Phillips Machine Screw



Brass. 10 pieces per pack. 10-piece pack. Was \$2.50.

No. 90288 \$1.00 pack

#4 X 1/4" Phillips Pan Head Tapping Screw



Zinc plated. 10-pack, Was \$2.50.

No. 90294 \$1.00 pack

#4 X 1/2" Phillips Pan Head Tapping Screw



Black finish. Taps its own hole in metals. 10-pack. Was \$2.50.

No. 90104 \$1.00 pack

#6 X 1/2" Phillips Pan Head Tapping Screw



Black finished steel. 10-pack. Was \$2.50.

No. 90106 \$1.00 pack

#6-20 X 5/8" Phillips Pan Head Tapping Screw



Black finish. Taps its own hole in metals. 10-pack. Was \$2.50.

No. 90105 \$1.00 pack

#4 X 1/2" Brass Phillips Flat Head Wood Screw



10- pack. Was \$2.00.

No. 90293 \$1.00 pack

#6 X 1/2" Brass Phillips Flat Head Wood Screw



10- pack. Was \$2.50.

No. 90291 \$1.00 pack

#6 X 11/16" Phillips Pan Head Wood Screw



Black finished steel. 10-pack. Was \$2.50.

No. 90107 \$1.00 pack

Regulator Glass



8-7/8" overall height x 5-5/8" wide x .090" thick glass. Screened with a black border and gold lettering. Used on Hermle school house clocks, but can use on others. Was \$7.50.

No. 90133 \$3.75 each

Regulator Glass



9" overall height x 6-15/16" wide x .090" thick glass. Screened with a black border and gold lettering. Used on Hermle #70687 case, but can use on others. Was \$7.50.

No. 90132 \$3.75 each

Steeple Bracket Clock Glass



6-3/16 height x 7" wide x .090" thick glass. Screened with a beautifully etched scrolled design. Pendulum opening is 3" tall x 4-13/16" width. Used on Hermle clocks, but can use on others. Was \$13.50.

No. 90134 \$6.25 each

Black Spade Hands With 2-1/2" Minute Hand



Note that Hermle quartz hands fit Hermle quartz movements only. Minute hand measures 63mm from center of oblong mounting hole to tip. Hour hand is bushed and measures 44mm from center of 5.0mm bushing to tip. Was \$4.50.

No. 90146 \$2.25 pair

Black Serpentine Quartz Hands 3-3/8" Minute Hand



Measures 3-3/8" from center of oblong mounting hole to tip. Hour hand 2-3/8" (85mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$3.50.

No. 90162 \$1.75 pair

Black Diamond Hands 5-1/2" Minute Hand



For mechanical movements. Can use on other clocks. Measures 140mm from center of 2.25mm square minute hand mounting hole to tip. Hour hand measures 4-1/4" from center of bushed 4.5mm round hole to tip. Was \$7.50.

No. 90272 \$3.75 pair

Black Fancy Plastic Quartz Hands 1-9/16" (40mm) Minute Hand



Measures 40mm from center of oblong mounting hole to tip. Hour hand measures 1-1/16" (27mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$2.00.

No. 90278 \$1.00 pair

Black Spade Combo Quartz Hands 1-9/16" (40mm) Minute Hand



Measures 40mm from center of oblong mounting hole to tip. Hour hand measures 1-3/16" (30mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$2.50.

No. 90277 \$1.00 pair

Black Spade Quartz Hands 1-13/16" (46mm) Minute Hand



Measures 46mm from center of oblong mounting hole to tip. Hour hand measures 1-7/16" (36mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$2.50.

No. 90276 \$1.00 pair

Black Plastic Stick Hands 2-5/8" Minute Hand



Minute hand measures 66MM (2-5/8") from center of oblong mounting hole to tip. Hour hand measures 2" (50mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$2.50.

No. 90153 \$1.00 pair

Black Serpentine Quartz Hands 3" (75mm) Minute Hand



Measures 3" from center of oblong mounting hole to tip. Hour hand measures 2" (50mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$3.00.

No. 90156 \$1.50 pair

Black Spade Quartz Hands 3" (75mm) Minute Hand



Measures 40mm from center of oblong mounting hole to tip. Hour hand measures 2-1/16" (53mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$3.00.

No. 90161 \$1.50 pair

Black Spade Combo Hands - 3" Minute Hand



For Hermle quartz movements. Minute hand measures 75mm from center of oblong mounting hole to tip. Hour hand is bushed and measures 55mm from center of 5.0mm bushing to tip. Was \$4.50.

No. 90165 \$2.25 pair

Black Plastic Spade Hands 3-1/2" Minute Hand



Minute hand measures 90mm (3-1/2") from center of oblong mounting hole to tip. Hour hand measures 2-1/2" (63mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. Was \$2.50.

No. 90150 \$1.00 pair

Black Plastic Pointer Style Hands 3-3/4" Minute Hand



Minute hand measures 95mm (3-3/4") from center of oblong mounting hole to tip. Hour hand measures 2-3/4" (70mm) from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. **Was \$2.50.**

No. 90151 **\$1.00 pair**

Black Serpentine Quartz Hands 4" Minute Hand



Measures 4" from center of oblong minute hand mounting hole to tip. Hour hand measures 2-7/8" from center of 5.0mm round mounting hole to tip. Note that Hermle quartz hands fit Hermle quartz movements only. **Was \$3.50.**

No. 90163 **\$1.75 pair**

Black Spade Combo Quartz Hands - 4" Minute Hand



For Hermle quartz movements. Note Hermle quartz hands only fit Hermle quartz movements. Minute hand measures 103mm from center of oblong mounting hole to tip. Hour hand is bushed and measures 3-1/4" from center of 5.0mm bushing to tip. **Was \$3.50.**

No. 90144 **\$1.75 pair**

Black Spade Quartz Hands 4-3/4" Minute Hand



For Hermle quartz movements. Note Hermle quartz hands only fit Hermle quartz movements. Minute hand measures 120mm from center of oblong mounting hole to tip. Hour hand is bushed and measures 3-3/8" from center of 5.0mm bushing to tip. **Was \$3.50.**

No. 90158 **\$1.75 pair**

Brass Cap Nuts For Quartz Movements



3.5mm internal thread. 10-pack. **Was \$9.00.**

No. 90169 **\$2.50 pack**

Brass Fixation Nut M8 X 13mm



Used to mount many German quartz movements to dials. Length under head is indicated. 8mm thread diameter. **Was 75¢.**

No. 90323 13.0mm long **25¢ each**

Brass Fixation Nuts



Used to mount many German quartz movements to dials. Length under head is indicated. **Was 75¢.**

8mm Thread Diameter:

No. 90184 5.0mm **25¢ each**
No. 90185 7.0mm **25¢ each**
No. 90187 9.0mm **25¢ each**
No. 90186 10.0mm **25¢ each**
No. 90323 13.0mm **25¢ each**
No. 90188 15.0mm **25¢ each**
No. 90189 19.5mm **25¢ each**

10mm Thread Diameter:

No. 90183 7.0mm **25¢ each**

Offset Brass Movement Mounting Bracket



3/4" wide. Brass. .175" diameter 2-hole section is 5/8" long. Slotted hole section is 7/16" long. 7/16" overall height. **Was \$2.00.**

No. 90274 **\$1.00 each**

Mounting Foot For #340 Movement



13.8mm offset width x 38.0mm offset length with .125" diameter mounting holes. Nickeled steel. For short center shaft. **Was \$2.00.**

No. 90195 .. For short center shaft **50¢**

No. 90196 . For short center wheel **50¢**

15.5mm offset width x 37.8mm offset length with .125" diameter mounting holes. 16.0mm offset height. Nickeled steel. **No. 90192** **50¢ each**

16.0mm offset width x 38.8mm offset length with .125" diameter mounting holes. 11.5mm offset height. Nickeled steel. **Was \$2.00.**

No. 90191 **50¢ each**

Gold Plastic Mini Quartz Movement Cover



Protects quartz movements from the elements. Inside dimensions accommodate a standard 2-3/16" square for 2-1/4" square mini movement. **Was \$2.50.**

No. 90249 **\$1.25 each**

Nickeled Steel Quartz Movement Hanger



7/8" tall triangular hanging section x 1" wide x 1" tall. 1.0mm (.040") thick steel. **Was \$1.00.**

No. 90167 **25¢ each**

Quartz Movement Aluminum Hanger 10-Pack



1-3/32" (1.094") wide for many Hermle quartz movements. **Was \$5.00.**

No. 90166 **\$2.50 each**

Non-Zodiac Sign Plate



Exquisitely machined .109" thick x 9-3/4" outside diameter solid brass plate. Month, days of the month, and corresponding zodiac sign (no zodiac illustration) are imprinted around the 7-7/16" dial. Two 1/8" holes on either side of the .582" diameter center hole. Three .080" countersunk mounting holes. 12 curved spokes separate the months. Used on Hermle's Planetary Astrolarium clocks. **Was \$400.00.**

No. 90297 **\$125.00 each**

2-5/8" Diameter Speaker Grill Cloth



Quartz movement black speaker cover. 1/32" (.032") thick. **Was \$1.00.**

No. 90295 **50¢ each**

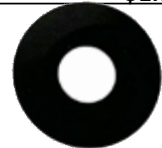
Quartz Movement Speaker Ring



3-1/8" (80mm) outside diameter x 2-5/8" inside diameter metal speaker ring for Hermle quartz movements. Three 1/8" mounting holes. **Was \$2.00.**

No. 90198 **\$1.00 each**

Rubber Washer For Quartz Movements 10-Pack



29.5mm OD x 12mm ID x 3mm thick (1.161" X .472" X .118"). **Was \$2.50.**

No. 90172 **\$1.25 pack**

30mm OD x 11.5mm ID x 1mm thick (1.181" X .452" X .040"). **Was \$2.50.**

No. 90171 **\$1.25 pack**

1-11/16" (43mm) Quartz Pendulum Bob



Brass finished aluminum with a 10mm wide rear slot. **Was \$4.00.**

No. 90229 **\$2.00 each**

2-1/16" (55mm) Quartz Pendulum Bob



Brass finished aluminum with a 8mm wide rear slot. **Was \$4.50.**

No. 90230 **\$2.25 each**

2-3/4" (70mm) Quartz Pendulum Bob



Polished brass finished aluminum. For quartz pendulum assemblies. 9/32" rear slot for rod, not included. **Was \$7.50.**

No. 90231 **\$2.25 each**

This page contains original Hermle material at reduced prices. All are brand new and available in limited quantities.

2-3/4" (70mm) Speckled White Quartz Pendulum Bob



Speckled white finished aluminum. For quartz pendulum assemblies. 9/32" rear slot for rod, not included. **Was \$7.50.**

No. 90332 \$3.75 each

3-1/8" (80mm) Quartz Pendulum Bob



Brushed brass finished aluminum with a 5mm wide rear slot. **Was \$5.00.**

No. 90241 \$2.50 each

3-1/8" (80mm) Brushed Brass Pendulum Bob



1/2" rear slot. **Was \$7.50.**

No. 90255 \$3.75 each

3-1/8" (80mm) R & A Quartz Pendulum Bob



Brass bob with stylized antiqued R & A center. For quartz pendulum assemblies. 9/32" rear slot for rod, not included. **Was \$10.00.**

No. 90334 \$5.00 each

3-1/8" (80mm) Speckled Antiqued Brass 80mm R & A Bob



3/4" rear slot. R & A center has gray lettering against an beige background. **Was \$8.00.**

No. 90235 \$4.00 each

3-1/8" (80mm) Pendulum Bob



Polished brass finished aluminum. For quartz pendulum assemblies. 9/32" rear slot for rod, not included. **Was \$7.50.**

No. 90232 \$2.50 each

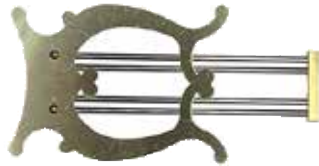
Quartz Pendulum Rods



Brass. 5mm wide. Split hook end. Not threaded end. **Was \$2.50.**

No. 90244 9-7/8" long \$1.25 each

4-Rod Lyre Grid Attachment



Rear slot accommodates 5mm wide pendulum rods. 4-1/4" overall height. Lyre plate is 2-3/16" at widest point x 3" tall. **Was \$15.00.**

No. 90226 \$6.00 each

4-Rod Lyre Grid Attachment



Rear slot accommodates 5mm wide pendulum rods. 6-3/4" overall height. Lyre plate is 2-3/16" at widest point x 3" tall. **Was \$16.00.**

No. 90258 \$6.00 each

Lyre Pendulum Assembly For 114cm Movement



For use on Hermle floor clocks with 114cm movements. Can be used on others. Beautifully polished brass bob measures 8-5/8" (220mm) diameter. Straight rods. Overall length is 35-1/2". Made in Germany. Shipping weight is 7 lbs. Ships in reinforced carton for safe delivery. Contact us to ask for the best oversized carton shipping rate to your location. **Was \$140.00.**

No. 90225 \$60.00 each

Lyre Pendulum For 114cm Movement



For use on Hermle floor clocks with 114cm movements. Can be used on others. Beautiful brushed nickel bob measures 8-5/8" (220mm) diameter. Straight rods. Overall length is 42-1/2". Made in Germany. Shipping weight is 7lbs. Ships in reinforced carton for safe delivery. Contact us to ask for the best oversized carton shipping rate to your location. **Was \$140.00.**

No. 90224 \$60.00 each

Lyre Pendulum (114cm/270mm)



For use on Hermle floor clocks with 114cm movements but can be used on others. Beautifully embossed polished brass bob measures 10-5/8" (270mm) diameter. Straight rods. Overall length is 42". Made in Germany. Shipping weight is 9lbs. Ships in reinforced carton for safe delivery. Contact us to ask for the best oversized carton shipping rate to your location. **Was \$175.00.**

No. 90215 \$80.00 each

Lyre Pendulum (114cm/270mm)



For use on Hermle floor clocks with 114cm movements. Can be used on others. Beautifully embossed brass bob measures 10-5/8" (270mm) diameter. Straight rods. Overall length is 44". Made in Germany. Shipping weight is 9 lbs. Ships in reinforced carton for safe delivery. Contact us to ask for the best oversized carton shipping rate to your location. **Was \$175.00.**

No. 90344 \$80.00 each

Lyre Pendulum (114cm/270mm)



For use on Hermle floor clocks with 114cm movements. Can be used on others. Beautifully embossed and polished brass bob measures 10-5/8" (270mm) diameter. Twisted rods. Overall length is 44". Made in Germany. Shipping weight is 9 lbs. Ships in reinforced carton for safe delivery. Contact us to ask for the best oversized carton shipping rate to your location. **Was \$175.00.**

No. 90322 \$80.00 each

Silver Lyre Pendulum (114cm/270mm)



For use on Hermle floor clocks with 114cm movements. Can be used on others. Beautifully brushed silver bob measures 10-5/8" (270mm) diameter. Straight silver rods. Overall length is 43-1/2". Made in Germany. Shipping weight is 7 lbs. Ships in reinforced carton for safe delivery. Contact us to ask for the best oversized carton shipping rate to your location. **Was \$150.00.**

No. 90254 \$65.00 each

2-3/4" X 9-1/8" (70mm X 230mm) Speckled Antiqued Brass Pendulum Assembly



For quartz movements. Speckled antiqued brass finished bob. Split end hooked rod. **Was \$7.50.**

No. 90256 \$3.75 each

Certificate Quartz Suspension Wires With Forks (OEM)

Quartz Suspension Wires With Forks (OEM) Pre-assembled bronze wire with fixed-position fork (no top nor bottom block). These are used in many popular German 400-day quartz clocks. Packaged 2 replacement assemblies per pack. Produced by the original manufacturer of the complete suspension units. See [page #84](#). **\$12.00 pack of 2**

Illustrated Actual Size

No. 29860 21-229 Hermle	No. 29861 21-229B Hermle	No. 29863 21-237 Hermle	No. 29865 21-251 Hermle	No. 29867 21-270 18,7 Hermle	No. 29868 21-270 20,6 Hermle	No. 29870 21-283 0,50 Hermle	No. 29872 QP 10 Kern	No.29875 820320 Blessing	No. 29876 820114 Blessing	No. 29877 820024 Blessing	No. 29878 301053 Schrenk	No. 29879 301181 Schrenk
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Hermle Quartz Suspension Units

See Page #85

No. 19745 #967 \$19.50	No. 19746 #977 \$19.50	No. 19747 #987 \$19.50	No. 19748 #977/1 \$19.50	No. 19749 #977/2 \$19.50	No. 19750 #977/2 Mini \$19.50	No. 19751 #2300-005 \$19.50	No. 19752 #2300-005N \$19.50	No. 19753 #2300-003S \$19.50
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Conversion Information

Metric Conversion Chart		
When You Know	Multiply By	To Find
	<u>Length</u>	
Millimeters	0.039	Inches
Inches	25.400	Millimeters
Centimeters	0.393	Inches
Inches	2.540	Centimeters
Meters	39.370	Inches
Inches	0.025	Meters
Meters	3.275	Feet
Feet	0.304	Meters
Meters	1.093	Yards
Yards	0.914	Meters
Kilometers	0.621	Miles
Miles	1.60	Kilometers
	<u>Volume</u>	
Milliliters	0.029	Fluid Ounces
Fluid Ounces	33.818	Milliliters
Liters	2.114	Pints
Pints	0.473	Liters
Liters	1.057	Quarts
Quarts	0.946	Liters
Liters	0.264	Gallons
Gallons	3.785	Liters
	<u>Weight</u>	
Grams	0.035	Ounces
Ounces	28.349	Grams
Kilograms	2.205	Pounds
Pounds	0.453	Kilograms

Inches	CM	MM
1/2"	1.27	12.7
1/4"	0.64	6.4
3/4"	1.91	19
1/8"	0.32	3.2
3/8"	0.95	9.5
5/8"	1.59	15.9
7/8"	2.22	22.2
1/16"	0.16	1.6
3/16"	0.48	4.8
5/16"	0.79	7.9
7/16"	1.11	11.1
9/16"	1.43	14.3
11/16"	1.75	17.5
13/16"	2.06	20.6
15/16"	2.38	23.8
1/32"	0.08	0.80
3/32"	0.24	2.40
5/32"	0.40	4.00
7/32"	0.56	5.60
9/32"	0.71	7.10
11/32"	0.87	8.70
13/32"	1.03	10.3
15/32"	1.19	11.9
17/32"	1.35	13.5
19/32"	1.51	15.1
21/32"	1.67	16.7
23/32"	1.83	18.3
25/32"	1.98	19.8
27/32"	2.14	21.4
29/32"	2.30	23.0
31/32"	2.46	24.6

American Thread Sizes		
Explanation of sizes		
#0-80 x 3/16"		
Thread Shank Diameter	Threads Per Inch	Length Under Head As Shown On
#0 (.060")	80	Page 125
#1 (.073")	72	Page 125
#2 (.086")	56/64	Page 125
#3 (.099")	48	Page 125
#4 (.112")	40/48	Page 125
#5 (.125")	40	Page 125
#6 (.138")	32	Page 125
#8 (.164")	32	Page 125

Metric Thread Sizes	
Explanation of Sizes	
M3.0 x 10	
Diameter Of Shank	Length Under Head As Shown On
M1.0 (.03970")	Page 125
M1.2 (.04724")	Page 125
M1.4 (.05511")	Page 125
M1.6 (.06299")	Page 125
M2.0 (.07874")	Page 125
M2.5 (.09842")	Page 125
M3.0 (.11811")	Page 125
M4.0 (.15748")	Page 125

Hermle Movements Weight Usage				
Movement #	Movement Type	Time	Strike	Chime
241	Chain	4.42	4.42	—
241	Cable	7.95	7.95	—
261	Chain	2.21	2.21	—
351	Cable	6.07	—	—
451	Chain	4.70	4.70	6.60
451	With 2nd Hand or Lyre Pendulum	6.60	4.70	6.60
461	Chain	5.70	5.70	7.70
461	Cable	7.70	7.70	9.90
471	Chain	7.70	7.70	9.90
471	Cable	7.70	7.70	9.90
781	Cable	7.96	—	—
791	Chain	4.42	—	—
1051	Cable	6.07	—	—
1151	Chain Lyre Pendulum 165mm	4.70	4.70	7.30
1151	2nd Hand And/Or Arbor Lyre 165mm	7.30	4.70	7.30
1161	Chain	7.70	5.70	9.90
1161	Cable	7.70	7.70	9.90
1171	Chain	7.70	7.70	9.90
1171	Cable	7.70	7.70	9.90
1171	Cable Tubular	7.70	7.70	18.5
2071-850	Cable Special	9.90	9.90	13.2

S. T. #	Hermle #	S. T. #	Hermle #
205-000	140-010	403-008	451-053/85
	141-010/11		451-053/94
205-001	141-020/52		1151-053HS/94
205-003	141-020/21	403-009	1151-053HS/114
205-005	141-020/52	403-010	451-053/94
206-000	130-020	403-011	351-030/48
206-001	130-020	403-012	351-030/75
	131-070	403-013	1151-053/HS/94
206-002	130-020	403-014	451-050/85
	130-627		451-053/85
206-004	130-020	403-015	451-050/94, 114
	130-627		451-053/85, 94
206-005	140-010	403-018	351-020/34
206-007	130-627	403-019	351-020/43
206-010	131-030/35	403-020	1151-053HS/94
206-011	130-020	403-021	1151-050/94
206-012	131-030/21		1151-053/94
206-013	131-030/45	403-024	351-020/66
206-014	131-030/55	403-025	1051-020/43
207-000	132-071	403-027	351-020/43
207-005	132-071	403-029	451-053/94
208-000	141-031/32	403-030	451-053HS/94
	140-010	403-031	1151-053/94
208-001	140-010		451-053/94
	141-020/52	404-001	351-023K1/85
208-002	141-020/21	404-010	350-023
208-005	140-010	407-002A	1161-853BS/114
	141-020/52	409-000	241-030/55
208-006	141-020/32	415-001	1161-853HS/114
	141-023/45	415-002	1161-853/114
	141-020/45	415-003	1161-853/94
	141-023/45	415-011	1161-853BS/114
208-008	141-031/32	415-013	1161-853/94
208-009	141-030/31	415-015	1161-853BS/94
208-010	141-033/38	415-016	1161-853HS/114
208-012	141-030/48	429-703	351-020/43
208-014	141-020/27	429-705	1051-020/43
208-015	141-030/38	450-006	132-071
215-012	131-030/21	450-007	131-030/35
305-002	1050-020	450-008	131-030/55
305-004	1050-020	450-009	340-020
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	351-020/15	450-012	1050-020
400-001	350-060	468-310	350-023/K2
	351-060/15	468-314	141-020/52
	351-020/15	468-318	451-050/114
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401-002	351-060/15	468-325	132-071
401-003	340-020	468-328	132-071
401-004	340-020	497-212	340-020
401-005	340-020	497-218	1051-030/34
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402-005	350-020	406-001	UW32319
402-006	350-060	406-007	UW32320
403-000	350-060		Kieninger #
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403-007	451-050/85	451-004	KSU033/116
		451-006	KSU/116
		460-001	RWS/80
		468-326	J1213

Urgos Movements Weight Usage					
Movement #	Movement Type	Drive	Time	Strike	Chime
UW 32	Westminster	Chain	4.50	4.50	6.600
UW 32	Triple Chime	Chain	4.50	4.50	7.500
UW 32	Triple Chime	Cable	6.50	6.50	11.00
UW 030	Triple Chime	Chain	7.75	7.75	8.500
UW 030	Westminster	Chain	7.75	7.75	9.500
UW 030	Triple Chime	Cable	7.75	7.75	8.500
UW 030	Westminster	Cable	7.75	7.75	9.500
UW 030	5 Tube	Chain	7.75	7.75	13.25
UW 030	5 Tube	Cable	7.75	7.75	13.25
UW 030	9 Tube	Cable	7.75	7.75	17.50
UW 66	Triple Chime	Cable	4.50	4.50	6.600

Kieninger Movements Weight Usage					
Movement #	Movement Type	Drive	Time	Strike	Chime
H	Westminster	Chain	8.80	8.80	8.80
HK	Triple Chime	Chain	8.80	8.80	11.0
HTU	9 Tube	Cable	11.0	8.80	14.5
KK	Westminster	Chain	7.70	6.60	6.60
KKU	Triple Chime	Chain	7.70	6.60	7.70
KRU/RSU	Triple Chime	Cable	8.80	6.60	8.80
PS	Bim-Bam	Cable	8.80	8.40	—
PS	Gong	Cable	8.80	6.90	—
RK	Westminster	Chain	6.60	6.60	6.60
RU	Triple Chime	Chain	6.60	6.60	7.70
RWS	Time Only	Cable	8.80	—	—



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Total:	

Catalog #47

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