THE IMPORTANCE OF CATALOGUES
TO THE PLUMB BOB COLLECTOR

Over the years, as I focused my attention on subject of plumb bobs, I started to build a file of catalogue pages representative of manufactures or distributors of this tool. The accumulation of this literature, gave me some extraordinary insights into tool manufacturing far more detailed than examination of the plumb bobs themselves could offer. In effect, these illustrations are the sole means of identifying many plumb bobs that are un-marked; they also gave direction to my purchases, for with them, I began to understand what I was looking for. I became an informed buyer.

Catalogues, are of course, advertising, a way for a business to lay out for a potential buyer why there are benefits in choosing their product. In them can be found histories of manufactures and distributors; reputation, reliability, and longevity are basic tenets of promotional material. Technical information and instructions form an educational component and data of weight, dimensions and pricing supply the essential information necessary to make a purchase without actually seeing the product. If you collect catalogues over a long period you can see when certain styles of plumb bobs first appear then, perhaps, disappear if the product ceased to be marketable.

You can compare catalogues to learn more about the relationships between distributors and manufactures. Also of interest, is to learn how bobs were packaged, frequently in containers that had utility throughout the life of the tool. In some cases “accessories” are illustrated: a hanging hook, special line or line winders, to name a few. Historically, catalogues were not disposable as they are today; they were frequently carefully preserved for years or even decades to be used for reference. Many catalogues had price lists not bound into the catalogue, thus, as prices increased (they never decrease, do they?) expensive reprinting was avoided. Only the price list would be reprinted, inserted in the old catalogue, and then sent out as a “new” issue of the publication.
1. COVERS

Some of the catalogues were really works of art, the covers in particular; quite contrary to the saw, “You can’t tell a book by its cover.”

On the cover from REISS Germany 1891 (see page 1) Plumb bobs are pictured, although on only 3 of 500 pages do plumb bobs actually appear. In this example, note the depiction of a gold medallion, an award won at an international exhibition. The date on this medallion allows us to determine the earliest appearance of this publication. Manufactures and distributors did not waste the cost of publishing their catalogues; not uncommon was to alter information by blanking out the change and inserting the new information with a rubber stamp.
2. **HISTORY OF THE MANUFACTURES OR DISTRIBUTORS**

Company histories often appear as the first pages of the catalogue with pictures of the huge and impressive buildings with billowing smokestacks, symbols of power. Today this message is contrary to sound environmental policy. Times change. Today, the www. can be a useful source of company histories, too.
3. **YEAR / DATE**

Catalogues were designed to last a long time. Graphic design and layout for printing were labor intensive and expensive, editing changes and reprinting something to be avoided. Fortunately the assortment / range of tools offered was relatively constant for most manufactures. Often the date of publication is not noted on catalogues; rather catalogue numbers were printed on the covers. For collectors this poses the problem of dating catalogues. With this “trick” of publication the buyer never had an “old” catalogue. Very often the only date that appears is the date of the founding of the company; not very useful for establishing the actual date of publication.

4. Listed prices and their **CURRENCY** can offer some additional clues to determine dates. In some countries, Germany for instance, you can calculate with the known value of currency for a specific period, the probable publication date of catalogues. This can be very helpful to find dates of production for plumb bobs in the GDR (German Democratic Republic). (see other article).
5. PROFESSIONS
In some cases plumb bobs were designed with specific trades in mind; some 40 trades can be distinguished that employ plumb bobs in their standard kit of tools. Did you know, for instance that there are documented uses of plumb bobs in the medical profession (and in medical quackery, too)? In some catalogues especially in America, France and Germany the plumb bobs are designed for masons, carpenters, architects, etc....
6. **MARKS / NAMES / LOGOS**

Some plumb bobs are marked with a manufacture or distributor mark. These marks are frequently very small and hard to distinguish; it’s always a good idea to thoroughly examine your bobs with a magnifying glass. In these cases a catalogue may actually offer a better rendering of a trade mark than exists on the bob itself. Sometimes plumb bobs are marked in illustration but not on the actual plumb bob.

Here are some marks of clients from the factory GAMPPER in Germany.

- **„Hoppe WYEYERSBERG“**
  Gebr. WYEYERSBERG Solingen Ohlige
  Liefernde in alle Welt.
  Existiert nicht mehr

- **„Hammer und Zange“**
  Robert FROHN Solna gegr. 1776
  Dazu gehören auch (ohne Marke):
  Schmitt (dt?)+Ziegler als Exporteur nach Philippinen (Lot)

- **„ZIEGE“, nicht Stier**

- **„HENRY BOKER“**
  2 Hauptabsatzgebiete: Afrika, AUS, NZ
  zw. 1950 und 1975 verwendet

- **„Pfeil mit Kreuz“**
  (nie verwendet?)

- **„BOKER GERMANY“**
  seit 1975 verwendet
„Schildkröte auf Hammer“
Gustav HÜTTEBRÄUKER GmbH
Lieferte nach Italien (auch Iserlohn Kleineisen)
Siehe:
www.deutsches-museum.de Archiv Firmenschriftenammlung

„Kaufmann“
Heinrich Kaufmann + Söhne Solingen INDIA-Werke

„K55K“
Heinrich Kaufmann + Söhne Solingen INDIA-Werke

„SCHLIEPER“
Existiert nicht mehr

„Auge“
Carl SCHLIEPER Remscheid

„Fächer“
Carl SCHLIEPER Remscheid

„CoCaCo“
COUTINHO CARO & Co Niederlassung Remscheid
Stahlhandel in Hamburg

"FHP“
F.H. Prager Remscheid-Lüttringhausen
Jetzt neue Firma (Import aus Fernost)
7. TECHNICAL INFORMATION

Some companies offered technical drawings of the structures of more complex plumb bobs. Good examples can be found for this type of illustration by companies specializing in mercury filled bobs, internal reel bobs, spring tipped and replaceable tipped bobs.
8 MATERIAL

Although drawings of plumb bobs offer no indication of the materials employed, written information in catalogues specify the material employed. Not infrequent are bobs offered in more than one material, one perhaps a higher grade than another. Lead, brass, bronze, steel, iron, aluminium or combinations of different materials are common materials. Different finishes can be offered. Surface polishing, paint in a variety of colors, japanned finishes, and plating in nickel or chrome are all common variations.
Very interesting is the mention of news about the tools. So we can see since when and how a special technology was used. We can also find unknown shapes or sizes we didn’t know before. E.g. Plumb bob with tape measure ….
10. ADDITIONAL INFORMATION

Catalogues often make expansive claims about the virtues of certain features of their products. STARRET claimed that their mercury filled bobs offered unusually stability in windy conditions. Makers of octagonal bobs frequently featured the benefits of the bob not rolling off tables, or their superior performance if in hung in corners. One of my favourites is this written claim for the “Handy Plumb Bob,” manufactured by S.W. Wilcox, Milford, Mass., “No staging to build, no step ladder to hunt up. You can stand on the floor and plumb down from a line of shafting, whether running or stationary, directly from the center to the floor, or from any point less than 20 feet high.”

The Micro is a quick-acting, precise plumb bob with rotatable reel and special hook on noggin. Easy to use and pays for itself in time saved. Cord is quickly reeled off to approximate length and slipped into noggin which holds bob precisely centered anywhere on cord. Bob can then be minutely adjusted up and down by simply rotating reel. When not in use noggin and reel keep cord securely in place. Simple, rugged construction, highest quality materials and workmanship of any plumb bob. Nothing to get out of order even in wettest mines. Extensively used for surveying and construction, surface and underground. Fully guaranteed. All sizes come with cord ready to go to work.
**Improved Mercury Plumb Bobs**

*No. 87*

**Patented**

The improvement consists in our patented device for fastening the string without a knot to tie or untie, simply by drawing it into the peculiarly slotted neck at the top, after unwinding the required length, when the bob will hang perfectly true.

These plumb bobs are made from solid steel, bored and filled with mercury. Note-worthy features are their great weight in proportion to size, low center of gravity, small diameter, hardened and ground points, knurling on the body and the simple and effective device at top for fastening end of line after winding up. Nickel plated. Each is provided with a braided silk line.

**PRICES**

4 in. long, ½ in. diam. 3½ oz... $1.80  
5 " " ½ " " 6 "... 2.40  
5½ " " ¾ " " 12 "... 3.00  
6 " " 1 " " 16 "... 3.60

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**Steel Plumb Bobs**

*No. 177*

The same in design as No. 87, but made from solid steel, the mercury being omitted.

**PRICES**

4 in. long, ½ in. diam. 2½ oz... $1.00  
5 " " ¾ " " 5 "... 1.25  
5½ " " ¾ " " 8½ "... 1.75  
6 " " 1 " " 14½ "... 2.40

Above numbers packed 1 in a box.
11. PATENT INFORMATION

About the patent information, especially for the STANLEY, PERFECTION and STARRETT plumb bobs see WR PATENT NEWS 2007 (available on CD). In the catalogues the tools are marked patented, pat appl. or the patent number and patent date with additional drawings and descriptions.

12. DIFFERENT QUALITY

In the PRESTON England 1901 we find an offer for “BEST QUALITY“ and „SECOND QUALITY“ with an explanation what second quality means.
13. ACCESSORIES
Pictured are not only the plumb bobs, but also the accessories. We find tape rulers for depth measuring, lines and cords, sheaths, rolls, hooks, spads etc.

HAUNSTEIN 1936

BAKER 1893

1931
14. CONTAINERS / BOXES

Here we get information about plumb bob boxes, and the number of bobs packed in larger boxes for wholesale distribution. This information we don’t find very often.

Each Plumb Bob, with its cord attached, is packed in a solid wood box fitted to its size, a neat, substantial, and permanent receptacle.

The Perfection Plumb Bobs are finished in Brass highly polished, or Nickel Plated as preferred.

<table>
<thead>
<tr>
<th>No.</th>
<th>Weight</th>
<th>Price</th>
<th>No.</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>8 ounces</td>
<td>$75</td>
<td>12</td>
<td>&quot;</td>
<td>1.00</td>
</tr>
<tr>
<td>&quot;</td>
<td>14 &quot;</td>
<td></td>
<td>&quot;</td>
<td>&quot;</td>
<td>$1.00</td>
</tr>
<tr>
<td>13</td>
<td>1½ lbs.</td>
<td>1.25</td>
<td>&quot;</td>
<td>2½ &quot;</td>
<td>1.50</td>
</tr>
<tr>
<td>14</td>
<td>3½ &quot;</td>
<td>2.00</td>
<td>&quot;</td>
<td>4½ &quot;</td>
<td>2.50</td>
</tr>
</tbody>
</table>

Each Plumb Bob contains one of the best made, and are equally suitable for use on the job, and by the repairman at home, in the workshop, or in the tool room.
15. SELLING ABROAD

Comparing catalogues from all over the world we can see what trade connections were made during a certain period of time. In a catalogue from St. Petersburg / Russia 1894 we find German plumb bobs and American STANLEY plumb bobs, side by side. Very seldom do we find European shapes in American catalogues, but in the colonies of England (NZ, AUS…) we find a lot of European tools. Makers who shipped to all over the world like GAMPPER Germany had a very wide range of shapes to realize the wishes of the clients in these countries. See presentation “Plumb Bobs of the World” especially for this reason Riccardo Chetoni wrote a „plumb bob dictionary“ in English, Italian, French and German).
16. PERIOD OF PRODUCTION

If you compare the different catalogues you can find when a special plumb bob or shape was produced and offered on the market. This search shows that some items had a very short life and others lasted as long as 60 years or more.

a) e.g. you can find that six sided (pencil shaped) plumb bobs were offered the first time 1914 in the catalogue of AIKENHEAD as HOLD FAST from BERGMAN TOOLS. This plumb bob was produced with a special slit/Slash in the cap to fix the line.

They wrote about it „Hexagon shape prevents rolling off the bench“. Bergman Tools showed this bob in a cat Bergmantool & Pexto 1924 and also Stears offered 1924 a six sided plumb bob. In Germany we find the first in Gampper ca. 1970.

In the momentary online catalogue from Starrett they offer a PB 6 to PB 14 as six sided.

b) Also you can find that Starrett his 1906 patented mercury plumb bob sold with a round cap and changed this round cap 1965 into a six sided. The body is still round. Starrett wrote „New No-Roll Hex Head prevents rolling when the Plumb Bob is set down, a great convenience“ A special edition of this shape I found on ebay 2006 with a six sided body.

Perhaps this item was home made.
c) The well known PERFECTION (patented 1905, application filed Dec. 1903) can be found also in the TOWER & LYON catalogue 1904. But this is the only place where I found this type. The extreme softness of Perfection’s lead core, and the extremely light gauge of its brass jacket, made them extremely vulnerable to damage. This propensity to distort in shape, no doubt, showed how ridiculous was their claim of perfect symmetry. They dropped quickly out of site, a patented failure.

TOWER & LYON 1904

THE PERFECTION PLUMB BOBS

Made by a new process with Steel Spindle, centered to assure an exact even balance of weight, the suspending line and the hardened point of the stem always settling to a line exactly perpendicular, (impossible without an exact even balance of weight) securing, we are disposed to claim, the only really accurate and reliable Plumb Bob at a price within the reach of the large body of mechanics who have need of such a tool.

The form and distribution of weight, as in the Standard Plumb Bob, shown on the next page, is that calculated to bring it to rest most quickly when in use. The Projecting Rim or Bead at its largest circumference, with the corresponding enlargement of the stem below the bulb, form bearing points which serve to protect it from bruising or disfigurement from contact with other bodies or rough surfaces. All the points are hardened.

Each Plumb Bob, with its cord attached, is packed in a solid wood box fitted to its size, a neat, substantial, and permanent receptacle.

The Perfection Plumb Bobs are finished in Brass highly polished, or Nickel Plated as preferred.

<table>
<thead>
<tr>
<th>PRICES</th>
<th>Brass</th>
<th>Nickel Plated</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 11. Weight 8 ounces.</td>
<td>Each, $7.50</td>
<td>Each, $1.00</td>
</tr>
<tr>
<td>&quot; 12. &quot; 14 &quot;</td>
<td>1.00</td>
<td>1.25</td>
</tr>
<tr>
<td>&quot; 13. &quot; 14 lbs.</td>
<td>1.25</td>
<td>1.60</td>
</tr>
<tr>
<td>&quot; 14. &quot; 24 &quot;</td>
<td>1.50</td>
<td>1.85</td>
</tr>
<tr>
<td>&quot; 15. &quot; 34 &quot;</td>
<td>2.00</td>
<td>2.50</td>
</tr>
</tbody>
</table>

d) An example of an extraordinary patent success is the adjustable STANLEY (patented 1874), the famous Traut Patent. This bob, very simply, works very well in many applications, and was used by carpenters and surveyors with equal ease. It was produced by Stanley for over 60 years up to 1935/37. More about Stanley plumb bobs in a later edition.
17. PARTS OF PLUMB BOBS

From “take apart bobs” we find sometimes drawings with the different parts. So you can see if this plumb bob is made from 1, 2 3 or more parts.
VAJEN’S
PATENT
REVERSIBLE
PLUMB BOB.

This new and perfect Plumb Bob, designed to overcome all the disadvantages of other plumb bobs, is capable of being adjusted to any and all the forms required by the Millwright, Mechanic and Civil Engineer, has no equal and cannot be improved upon. It has the only proper shape for a Bob, having a hole extending entirely through it, with a reversible, well tempered Steel Point and Screw Cap, which, being interchangeable, enables the Bob to be suspended in the several positions as shown in cuts. The hole in the center of the Bob affording protection for the point when not in use. By filing the shoulder the Bob can always be adjusted and made true. The Plumb Bob is made of brass and nickel plated, furnishing as pretty and as valuable a tool as there is in the market.

We recommend it in preference to all other combination bobs, and guarantee it to give perfect satisfaction. This Plumb Bob is made in four sizes:

1 pound. .......... $3.00
2 pounds. ......... 2.50
3 ............. 3.00
4 ............. 4.00

AT BEST.
18. OTHER MEASURING TOOLS

I know of one catalogue only, GAMPPER, entirely devoted to plumb bobs. In the others we find general assortments of tools, such as might be offered in a hardware store. Manufactures of surveying equipment, invariably offer an assortment of bobs, different sizes and shapes, and often some mechanized examples, at a higher price.
19. DIFFERENT PRESENTATION IN THE COUNTRIES

The presentation in the catalogues is different in different countries.

Examples from F, D, USA, GB, NL
20. OTHER TOOLS, NO PLUMB BOBS
On eBay some items are offered as plumb bobs that are in fact something far different. TRAMMEL POINTS are one of those items. Pairs of these devices are actually used to draw large diameter circles; just because they have points, don’t mistake them for plumb bobs.

Dear Fellow collectors,
It would be a great contribution to the cause of the collection and dissemination of information about plumb bobs to take a close look at your tool and hardware catalogues in order to identify information on this subject.
We would be very grateful for copies sent to wolfg.ruecker@t-online.de as DOC-file, WORD-file, JPG or Picture-file, Adobe PDF-file; or as mailed paper copies.
Ideally these contributions would include images of the cover and/or title page (that might indicate the issue number or date of publication) and pages illustrating plumb bobs, however, everything or anything would be of great interest. Many images that we have already collected could be improved with better images.

Our objective is to accumulate an archive in the next year that will be made available in the form of a searchable CD.
Special considerations will be extended to contributors; receipt of a CD for the cost of the CD itself plus the cost of shipping.

Remark:
For this issue of the WR PLUMB BOB NEWS I used only my archive and the archive from Riccardo Chetoni in Pisa.
A very informative article from Elton W. Hall about the development of the illustrated tool catalogue in the USA is printed in THE CHRONICLE march 2008 (newspaper of the Early American Industries Association EAIA http://www.eaiainfo.org

From THE PLUMB LINE CONTINUUM (available on a CD from Nelson Denny ndenny01@comcast.net ) you find on the next pages the list of “names of possible and / or known plumb bob manufactures and / or distributors.
Names of Possible Plumb Bob Manufacturers and/or Distributors

The following is the final version of the list I've printed several times. This list includes: Bob manufacturers and/or distributors known to exist (i.e. I've held one in my hand that has this name on the bob); companies that I've heard about from other collectors but that I can't verify from a second source; company names that I have come across in my research but that I can't verify or even say for certain that they put their name on their bobs.

A & R SMITH CO, PGH
A M (English, Air Ministry)
probably unmapped Maple
ABEL
ACCURACY WARNER TOOLS
MADE IN U.S.A.
T.O. Tool Co.
ALCO UNIVERSAL
ALFRED SHIRLEY LTD
AMBLUCO
AMERICAN PLUMBERS SUPPLY CO
ASTRIUP HARDWARE
BOS (West Germany)
B M CO-BRAUNSDORF-MUELLER CO,
Elizabeth NJ
BEACON
BERGER, C. L. & SON
BERGER, C. L. & SONS, BOSTON
BERGAMAN (Bergman Tool Co.,
Buffalo)
Bernt, Otto
Bell, Theodore & Co.
BLUE GRASS
Bogart & Hopper, Inc
BRANDIS & SINNS, F.E.
BROOKLYN, N.Y.
Brown & Sharpe
(see also U.S.A.)
BRANNY
BRAUNSDORF-MUELLER CO
BRIDGEPORT PLUMBRITE
Branding
BRUNSWICK INSTR. CO
BUFF & BUFF
CAL-HAWK
Caterina, Inc.
CHESTERMAN JC (English)
(see CHESTRAMAN RABONE?)
Cole Mfg.
Common Sense
Craftman
Crescent Novey Mfg. Co.
(Crown Shaped)
Identified as U.S. Military
CST (Chicago Steel Tape)

D. B. S (Darling, Brown & Sharp)
Darling was an early partner
DEPPO (DEppich POC?)
DIEZGEN
THE DKEKAM MFG CO
SG, NORMAL, ILLINOIS
Dietzen & Sons, Henry
DOWNIE
DOUGHERTY PC35
DUNLAP MADE IN U.S.A.
E.D. Co. (Eugene Dietzen)
Hess & Co.
EIFFE
ELLERBUSCH
Elliot Co., B.K.
EMPIRE
ELLERTON & CO., B.K.
EMPIRE
The list includes the following bobs that are made in the U.S.

EMPRESS (still named in a USA made bob, newly found on China made bobs)
E P (Edward Preston?)
Eunie Mfg. Co.
EXACT
EXTRAPOINT (Made by Suverkop)
F. P. Co. (Chicago, Frederick Post Co.)
F. W. Co.
FIREFIELD, F. O.
FORD (Automotive Logo)
FRASER (A gauging bob)
FRIENDSHIP PLUMB BOB
FROST & ADAMS, CO.
FULLER WALLPAPER

Fulton
GAFN
Garrison Mfg. Co.
GENERAL
GLOBE
GORDON POINT TOOL
GREENWOOD MFG. CO.

H & L, Silver Los Angeles
H S & C, R N Y, N. Y.

Hussey Frame (script)
Hanson, Elmer B
HANSON (sold by IRWIN)
HANSEN
Haven, Jas. L., Co.
HEMBACH, J. O.
HEINRICH
Heiner & Brigitte PHILAD
HERCULES
Hibbard, Spencer & Bartlett
Hocksmith, B. N. & Co.
HOLDFAST
Hughes, Owen
IZARDA-WARREN CO.
J. C. SALA
J. C. Ulmer & Co
J. H. MELANSON
J. S. R.
Jennings, C. E. & Co.
Joseph King
KUPPEL & ESSLER CO.
K&K
KREIN KITTER
Krus & Son, M. S.
Kaiser-Ranken, Inc.
KUKER, O. J.
KUKER-RANKEN, INC
LALLIE
LEACH, G. & W.
LEISTNER, P. (Paul)
LEITZ
Lietz, A. Co.
LIGHTNING
L S CO. (also L & S)
Luffin
LUTZ
MACHINERY MFG CO. N.Y.
MC CO. (MILLERS FALLS)
MAG (MAG Tool Co.)
MAISON DE LA RADIOESTHESIE
(French for House of Radiesthesia
William E. Jones
William Martin
MASTER MECHANIC (Taiwan)
MARBEDLE, C. F.
MERIT TOOL
MILLERS FALLS
Monument Brand
MOHAV
Monroe, J. H., Co.
MOORE & WRIGHT (English)
MUNSON, C. M.
N.S. C. & Co.
(NORVILLE SHAPLEIGH?)
NATION BNP
NATIONAL
NEELY BLUE PRINT
Oak Leaf (inside Oak leaf outline)

WR PLUMB BOB NEWS  Information for Plumb Bob Collectors
# 2008-09 July 31, 2008

Editor: Wolfgang Ruecker
The Plumb Line

Seite 24/25 E WR PLUMB BOB NEWS 2008-09 IMPORTANCE OF CATALOGUES

Wolfgang Ruecker@t-online.de

The Plumb Line

Seite 24/25 E WR PLUMB BOB NEWS 2008-09 IMPORTANCE OF CATALOGUES
The following list is from my personal collection. As opposed to the previous list, all of these do
tually exist, and are listed as spelled out on the box. Here we see what might be assumed are
epitaph "company" listings for example: K & E; K & E; obviously KELLPEL & ESSEI Co. it three different "names" on the product. This raises a number of questions, is BERGER the same
C. L. BERGER & SONS? Is MF CO the same as MILLERS FALLS? MF CO is a brass carriage
the MILLERS FALLS bows are all steel cylinders. What about POST and POSTS? Or
A & E VAJENS? SHAPLEIGH and SHAPLEIGH HARDWARE Co.? The big "w Inner" is
iters, from whom I have at least 4 different name presentations.

A & B SMITH CO PGH
A M also AM (Air Ministry, British)
A L. THOMPSON
A. LIETZ
A. J. WILKINSON & Co
AERO TOOL CO
ALCO UNIVERSAL
ALLIED SHIRE LTD
AMBLICO
AMERICAN PLUMBERS SUPPLY CO.
ASTRUP
B B. ELLIOTT
BDS
Beaven
BERGER
BERGMAN
BERGMAN TOOL CO.
BLUE GRASS
BMC
BRASSTURN
BRAUNSROD
BRAUNSROD-MUELLER Co.
BRIDGEPORT PLUMBRITE
BRUNING
BRUNSON INSTR Co.

BUFF & BUFF
C L BERGER & SONS
C.M. MUNSON
CHESTERMAN
Common Sense (a.k.a. Lamps, Smith, Smith's)
CRAFSTMAN
CROWN (Symbol, see A M)
CSL
DIETZGEN
Dickman Mfg
DOWNIE
DUNLAP
E C. STERNS & CO.
E.G. RUEHLE & CO.
EASTMAN'S
EDWARD PRESTON
EFFIE
ELLERBUSCH
EXACT
E.P. BRANDIS
F. G. FIELD
F. P. Co.
F.W. & Co.
FORD
FRIENDSHIP
Frost & Adams Co.
G & W LEACH
GDS
GENERAL HARDWARE
GLORE
GOODELL-PRATT
GREAT NECK
GRUFIN IND
H.A. WMS MFG CO.
H & S. & Co.
Hanley Frame
HANSON
HEINRICH
HELLER & BRIGHTLY
HERCULES
J. C. ULMER
J. H. MELANSON
J. O. HEBBACH
J. STEVENS A. & T. Co.
J. A. GAFFNEY
J. C. SALA
J.N.
K & E
K & E
KEEN KUTTER
KNAUS (no mfg name, but a
commercially made bow, patented
by KNAUS)
KUKER-RANKEN, INC.
L. S. STARRET
LALLIE
LIEZ
LIGHTNING
LUFKIN
LUFKIN RULE Co.
LUTZ
MAC
MAISON DE LA RADIESIE
MASTER MECHANIC
McInerney MFG O.F.
MERIT TOOL
MF CO.
MICRO (trademark of
Swerkerop)
Millers falls
MONUMENT BRAND
MOORE & WRIGHT
NATIONAL

NATIONAL B & P CO
NEELY BLUE PRINT
O.J. KUKER
OAK LEAF (Symbol)
OTIS
OVF
P. LEISTNER
Palmers Instrument Co.
PEERLESS
PERFECTION
POST
POSTS
PROTO
PRUICH
R. L. M. & CO
RABONE CHESTERMAN
RECORD
REFINERY SUPPLY
Refinex Supply Co.
RETACTO BOB
RIDGELY
Ridgways
RULES
S
S. W. WILCOX
SCHELL & BROCK
SERVCO
SESCO
SHAPLEIGH
SHAPLEIGH HARDWARE CO.
SMITHWICKS
STANDARD
STANLEY
STANLEY, LONDON
STAR (Symbol)
Surveyor's Service Co.
SUVERKROP
TAJIMA PLUMB-RITE
THE PRECISION TOOL CO.
Theodor Bell & Co.
THORPE SMITH
THROUGHTON & SIMMS Ltd.
Vajen
VAJENS
W MARPLES & SON
W. & E. GURLEY
WARREN-KNIGHT CO
WENTWORTH MFG CO
WILLIAM MARPLES
William Martin
Win. Marples
Woods
Zalewski