

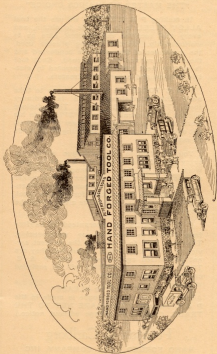


**PETERSON AND CARLBORG
HAND FORGED TOOL CO. INC.**

**MILWAUKIE, OREGON
SUBURB OF PORTLAND**



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P & C TOOLS are recognized by automobile, airplane, and other mechanics, as the best tools on the market today. The successful mechanic realizes that he must have good tools if he is to turn out good work.

P & C

"THE MASTER MECHANICS CHOICE"

In making P & C TOOLS, we use the best ALLOY STEEL it is possible to obtain, and every tool receives the strictest care as to workmanship. In the forging process used, the molecules of the steel are condensed and the steel is refined and toughened. Each tool is carefully heat treated and tempered by electric process and expert heat treaters.

P & C TOOLS are designed so as to take away that "clumsiness" found in ordinary tools. They "HANG" right. This feature enables the mechanic to make "SPEED" in his work, which is an important item in the present day highly-specialized servicing of all kinds of machines.

You will find in this catalogue practically every kind of wrench or tool you need for your work. Due to the ever changing models in automobiles, it is necessary for the tool-maker to be constantly designing new tools. Whenever a demand is created for a new tool, P & C will make it. P & C has always lead the way—others follow.

P & C TOOLS are guaranteed to be free from defects in material or workmanship. They are built to withstand the hardest service to which they should be put, but they are not guaranteed against wear. Any P & C TOOL that proves defective will be replaced or repaired free of charge.

"WE STRIVE TO PLEASE"

Every tool in this catalogue is made in the P & C Factory. PRICES ARE NET TO THE TRADE. (Subject to change without notice.)

Peterson & Carlborg

HAND FORGED TOOL COMPANY, INC.

Milwaukie, Oregon
(Suburb of Portland)

DISTRIBUTED BY

Whenever you need any tools between calls of P & C Salesmen, mail your order to the distributor whose name is shown on this catalogue, and your order will receive prompt attention. In case you do not know the name of the distributor in your territory, send your order to the factory and it will receive the proper attention.

In the catalogue numbers, in practically all cases, the last two figures of the number indicate the size of the opening in thirty-seconds of an inch.

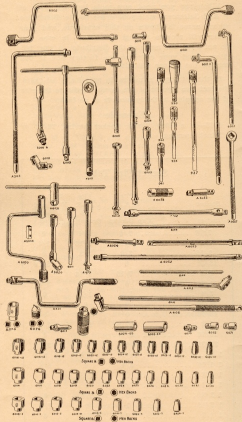
Example

6016—Is a 6000 Series Socket having 16/32 or 1/2 inch opening.

Socket Size Table

Socket Opening Inches	Fits		Fits	
	S. A. E. Nuts Cap Screws	U. S. S. Nuts Cap Screws	U. S. S. Nuts Cap Screws	U. S. S. Nuts Cap Screws
7/16	1/4	1/4	0	
1/2	5/16	5/16	1/4	
9/16	3/8	3/8	0	
19/32	0	0	5/16	
5/8	7/16	7/16	0	
11/16	0	0	3/8	
3/4	1/2	1/2	0	
25/32	0	0	7/16	
13/16	0	9/16	0	
7/8	9/16	5/8	1/2	
15/16	5/8	0	0	
31/32	0	0	9/16	
1	11/16	3/4	0	
1 1/16	3/4	0	5/8	
1 1/8	0	7/8	0	
1 1/4	7/8	1	3/4	
1 3/8	0	1 1/8	0	
1 7/16	1	0	7/8	
1 1/2	0	1 1/4	0	
1 5/8	1 1/8	0	1	

P & C Square Connection Units



The above cut shows the Standard P & C Handles, Attachments and Sockets having the 1/2" Square Service Connection. These pieces are all interchangeable and on the following pages they are described, with prices. Many SETS are also made, using pieces shown above. They are also pictured.

Standard P & C 1/2" Square Connection Handles and Attachments

No.	Description	Price
6001	10" Shank Speed Handle	\$1.60
6002	5" Shank Speed Handle	1.50
6003	"L" or Offset Handle—Short Bend	1.25
6003B	"L" or Offset Handle—Long Bend	1.50
6004	10" Extension	1.25
6005	5" Extension	1.15
6006	Sliding Bar "T"	1.00
6007	Connection for Ratchet	.80
6008	Universal Joint—Short	2.80
6008B	Universal Joint, with Shank	2.80
6009	10" Shank "T" Handle	2.00
6010	Ratchet	4.00
6011	Screw Driver Bit	1.25
6012	12" Shank 1/2" Square both ends, Holes both ends, with bar	2.50
6013	Ford Fly Wheel Cap Screw Extension	1.25
6015	18" Extension	1.75
6017	Carburetor Drain Plug Driver	1.00

The following numbers are fitted with long service end, 1/2" square, the extension having a long connection on one end, with two ball snaps to hold firmly in SPEED or "T" Handles. PERFECT FIT—NO WOBBLE.

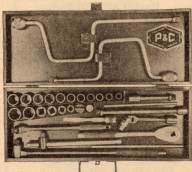
A6050	Speed Handle with long receiving connection	\$1.80
A6051	"T" Handle	1.00
A6052	18" Double Snap Extension	1.70
A6053	12" Double Snap Extension	1.50
A6054	6" Double Snap Extension	1.30
A6055	3" Double Snap Extension	.90
A6056	Double Snap Adaptor	.40
A6057	Box Handle for Double Snap Comb.	1.75
A6058	Joint to connect extensions	.70

Special Attachments Having 1/2" Square Connection

No.	Description	Price
A473	8" Extension	\$1.50
A503	"L" Handle 6 1/2x12"	1.75
900	Stud Bolt Wrench 5/16 to 7/16 Studs	2.85
902	Stud Bolt Wrench 1/2 to 5/8 Studs	3.15
912	Stud Bolt Wrench 5/8 to 3/4 Studs	3.50
6075	Wing Nut Socket	1.00
6076	Drag Link Socket	1.00

P & C FLEX HANDLES, SOCKETS, SCREW DRIVERS AND ADAPTORS SHOWN IN CUT ON PAGE 4 ARE SHOWN ON LATER PAGES, WITH DESCRIPTION AND PRICES.

29 Piece P & C Socket Set

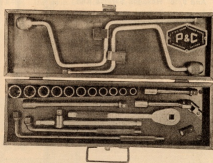


The SET illustrated above contains 29 pieces, consisting of 11 handles, 13 Twelve-point or Hexagon opening Sockets, 4 Square opening Sockets, and one Drag Link Socket. A complete wrench needed by the mechanic. It is almost impossible to figure the number of combinations that can be made with the pieces in this SET. With this SET the mechanic can figure himself fully equipped.

Set No. 6129—Hexagon Opening Sockets

No.	Price
A402 Large Flex Handle	\$ 3.50
A403 Small Flex Handle	2.50
6001 10" Speeder	1.60
6002 5" Speeder	1.50
6004 10" Extension	1.25
6005 5" Extension	1.15
6006 Sliding Bar "T"	1.00
6007 Adaptor .....	.80
6008 or 6008B Universal Joint	2.80
6010 Ratchet	4.00
6011 Screw Driver Bit	1.25
13 Hexagon Opening Sockets—7/16, 1/2, 9/16, 1 1/8, 5/8, 11/16, 3/4, 25/32	8.90
4 Square Opening Sockets—7/16, 1/2, 9/16, 5/8	4.40
1 Drag Link Socket	1.00
No. 6129 SET	\$30.00
Steel Box for above, as pictured	3.50
Set No. 6129-12, Twelve-Point Opening Sockets, same as above, except with 12-point Opening Sockets instead of Hexagon.	
No. 6129-12 SET	\$30.00
Steel Box for above, as pictured	3.50

21 Piece P & C Socket Set



The 21-piece SET, as illustrated above, contains 10 handles and 11 Twelve-point or Hexagon Sockets.

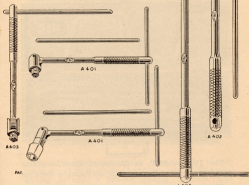
This is a very popular SET, being popular in price and gives the mechanic a wide range of combinations. Practically everything needed.

Set No. 6119—Hexagon Opening Sockets

No.	Price
6001 10" Speeder	\$1.60
6002 5" Speeder	1.50
6003 Offset Handle, Short Bend	1.25
6003B Offset Handle, Long Bend	1.50
6004 10" Extension	1.25
6005 5" Extension	1.15
6006 Sliding Bar "T"	1.00
6007 Adaptor .....	.80
6008 or 6008B Universal Joint	2.80
6010 Ratchet	4.00
11 Hexagon opening sockets, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16"	7.10
6119 SET	\$20.00
6109 SET—Without Ratchet and Adaptor	\$16.00
STEEL BOX for above as pictured	2.50
Set No. 6119-12—Twelve-Point opening sockets— same pieces as above, except with 12-point Opening Sockets instead of Hexagon opening.	
6119-12 SET	\$20.00
6109-12 SET—Without Ratchet and Adaptor	16.00
STEEL BOX for above, as pictured	2.50

P & C Flex Handles

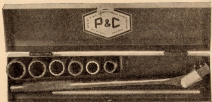
With 1/2" Square Service End
And 9/16" Hexagon Service End



On the P & C FLEX HANDLES ILLUSTRATED ABOVE, the service end is flexible. A ball snap in the hinged joint holds it in any position, and the handle can be used at any angle. The FLEX HANDLE can be used as an "L" or offset handle to loosen the nut, and without removing the wrench, the handle can be tipped up to use as a "T" wrench to speed nuts off. The FLEX HANDLES are great time savers, very strong and will stand hard usage.

No.	Price
A401 Small Handle, 9/16 Hex. Service end.....	\$2.50
A402 Large Handle, 1/2 Sq. Service end.....	3.50
A403 Small Handle, 1/2 Sq. service end.....	2.50
A404 Large Handle, 9/16 Hex. service end.....	3.50

P & C Small Flex Sets



The above illustration shows the popular P & C Flex Set which is made up of the Small Flex Handle with cross bar, and six sockets. This Set is furnished either with the 1/2" Square or 9/16" Hexagon service end, and with Hexagon or Twelve Point opening sockets. The sockets with this set have openings as follows: 7/16, 1/2, 9/16, 5/8, 11/16, 5/4.

No.	Price
A400 Hexagon Service Connection, 6 Hexagon opening sockets	\$5.75
A405 Hexagon Service Connection, 6 Twelve Point opening sockets.....	5.75
A410 Square Service Connection, 6 Hexagon opening sockets	5.75
A415 Square Service Connection, 6 Twelve-point opening sockets	5.75
STEEL BOX for any of the above sets, as illustrated	1.00

P & C Large Flex Sets



The Large FLEX SETS are made up of the Large Flex Handle, 8" Extension and 8 Sockets. The Large Handle, with wider range of sockets and the extension makes a very complete set for the mechanic. The sockets are furnished in either Hexagon or 12-point openings as follows: 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16.

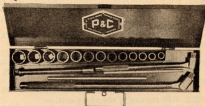
No.	Price
A460 9/16 Hexagon Service Connections, 8 Hexagon opening sockets and A463 Extension	\$9.00
A465 9/16 Hexagon Service Connections, 8 Twelve point opening sockets and No. A463 Extension	9.00
A470 1/2" Square Service Connections, 8 Hexagon Opening Sockets, and No. A473 Extension	9.00
A475 1/2" Square Service Connections, 8 Twelve Point sockets and A473 Extension	9.00

The above sets are also furnished without the Extension the numbers being the same as above with (-X) added, which indicates without extension.

A460-X Without Extension	\$7.75
A465-X Without Extension	7.75
A470-X Without Extension	7.75
A475-X Without Extension	7.75

Steel Box for any of the above sets as
Illustrated

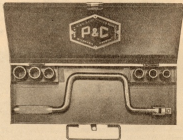
P & C Major Flex Sets



The Set illustrated above contains both the Small and Large Flex Handles, the 8" Extension, and 13 sockets having openings: 7/16, 1/2, 9/16, 1 1/8, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1", 1 1/16. Either Hexagon or 12-point opening sockets.

No.		Price
A480	Large Flex Handle, Small Flex Handle 8" Extension having 1/2" Square Service connections, and 13 sockets having Hexagon openings	\$14.00
A485	Large Flex Handle, Small Flex Handle, 8" Extension, with 1/2" Sq. Service connections, and 13 sockets with 12-point openings	14.00
A490	Large Flex Handle, Small Flex Handle, 8" Extension, with 9/16" Hexagon Service connections, and 13 sockets with Hexagon openings	14.00
A495	Large Flex Handle, Small Flex Handle, 8" Extension, with 9/16 Hexagon Service Connections, and 13 sockets with 12-point openings	14.00
	STEEL BOX for any of the above sets	2.50

P & C Flex Speeder Handle and Sets



The FLEX SPEEDER illustrated combines the features of the SPEEDER and the FLEX service end. An excellent handle for all kinds of work. Makes a very efficient and speedy rim lug tool, as the nuts can be broken loose with a great force and then speeded off, without removing the wrench from the nut. Reverse action for replacing.

No.		Price
5401	FLEX SPEED HANDLE—1/2" Square SERVICE CONNECTION	\$2.50
5402	FLEX SPEED HANDLE—9/16" Hexagon SERVICE CONNECTION	2.50

THE FOLLOWING SETS CONSIST OF THE FLEX SPEED HANDLE AND 6 SOCKETS HAVING OPENINGS AS FOLLOWS: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4. Either Hexagon or 12-point openings.

5400	9/16 Hexagon Service Connection, 6—Hexagon opening sockets	\$5.75
5405	9/16 Hexagon Service Connection, 6—12-point sockets	5.75
5410	1/2" Square Service Connection, 6—Hexagon opening sockets	5.75
5415	1/2" Square Service Connection, 6—12-point opening sockets	5.75
	Steel Box for any of above	2.20

Hex-On Socket Sets and Pieces

We also make practically all pieces shown in the illustration on page 4, with a 9/16 Hexagon Service Connection, instead of the square. These pieces and sets are exactly the same as the ones shown on former pages, with the exception of having the Hexagon Connection instead of the Square.

No.		Price
7001	10" Shank Speed Handle	\$1.60
7022	5" Shank Speed Handle	1.50
7003	L or Offset Handle, Short Bend	1.25
7003B	L or Offset Handle, Long Bend	1.50
7004	10" Extension	1.25
7005	5" Extension	1.15
7096	Sliding Bar "T"	1.00
7007	Connection for Ratchet .....	.80
7008	Universal Joint, Short	2.80
7008B	Universal Joint with Shank	2.80
7009	10" Shank "T" Handle	2.00
7010	Ratchet	4.00
7011	Screw Driver Bit	1.25
7013	Ford Fly Wheel Cap Screw Extension	1.25
A7050	Speed Handle with long receiving connection	1.80
A7051	"T" Handle	1.00
A7052	18" Double Snap Extension	1.70
A7053	12" Double Snap Extension	1.50
A7054	6" Double Snap Extension	1.30
A7055	3" Double Snap Extension .....	.90
A7056	Double Snap Adapter .....	.40
A7057	Box Handle for Double Snap Conn.	1.75
A7058	Joint to connect extensions .....	.70
A463	8" Extension	1.50
901	Stud Bolt Wrench 5/16 to 7/16 Studs	2.85
903	Stud Bolt Wrench 1/2 to 5/8 Studs	3.15
913	Stud Bolt Wrench 5/8 to 3/4 Studs	3.50
7075	Wing Nut Socket	1.00
7076	Drag Link Socket	1.00



21 Piece Hex-On Socket Set

This SET is exactly like the one shown on page 7, with the exception that the service connections are 9/16 hexagon instead of square.

No.	Price
7119 SET—Consisting of Nos. 7001, 7002, 7003, 7003B, 7004, 7005, 7006, 7007, 7008 or 7008B, 7010, handles and 11 hexagon opening sockets—7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 3/4, 15/16....	\$20.00
7109 SET—Without Ratchet and Adaptor....	15.00
7119-12 SET—Same as 7119, except has 12-point opening sockets	20.00
7109-12 SET—Same as 7109, except has 12-point opening sockets	16.00
STEEL BOX FOR ANY OF THE ABOVE....	2.50

P & C Sockets

Every P & C SOCKET is an individually made tool. They are made from a special analysis Alloy Steel, which is treated by an electric heat treating and tempering process, insuring uniformity. P & C Sockets are noted for their toughness and durability, and are designed right. The sizes are accurate and the walls are as thin as it is possible to make them insuring strength. The handle openings are accurate to size, making it possible to slide the socket on and off the handle easily, yet a tight fit is insured.

The last two figures of the number indicate the size of the opening in thirty-seconds of an inch, and the first two figures indicate the Series. 12 Point Opening Sockets are indicated by 12 following the series number and size number. Example: 6014-12, is a Socket of the 6000 Series, which means 1/2" Square Hole for Handle, having 14/32 or 7/16 opening, and is of the 12 point type.

(DESCRIBED AND PRICED ON FOLLOWING PAGES.)

Sockets For Speed Wrench Shanks



5000 SERIES

These sockets can be attached to any speed wrench shank, by squaring the shank and driving the socket on. PRICES APPEAR IN TABLE FOLLOWING.



Sockets with 1/2" Handle Openings



NO. 6000 SERIES

The No. 6000 Series Sockets have 1/2" Square hole for handles. They fit our regular P & C Handles, as well as any other makes of handles having the 1/2" square service connection. The 6000 Series Sockets are made with either Hexagon or Twelve Point Openings. PRICES APPEAR IN TABLE FOLLOWING.

Sockets with 9/16" Hexagon Handle Openings



NO. 7000 SERIES

The No. 7000 Series Sockets have 9/16" Hexagon hole for handles. They fit our regular handles having 9/16" service connection, as well as any handles using this type of connection. PRICES APPEAR IN TABLES FOLLOWING.

Sockets for Speed Wrench Shanks	Sockets with 1/2" Square Opening	Sockets with 1/2" Square Opening	Sockets with 9/16" Hexagon Opening	Sockets with 9/16" Hexagon Opening	Opening	Price
No.	No.	No.	No.	No.		
5014	6014	6014-12	7014	7014-12	7/16	.60
5016	6016	6016-12	7016	7016-12	1/2	.60
5018	6018	6018-12	7018	7018-12	9/16	.60
5019	6019	6019-12	7019	7019-12	19/32	.60
5020	6020	6020-12	7020	7020-12	5/8	.60
5022	6022	6022-12	7022	7022-12	11/16	.60
5024	6024	6024-12	7024	7024-12	3/4	.70
5025	6025	6025-12	7025	7025-12	25/32	.70
5026	6026	6026-12	7026	7026-12	13/16	.70
5028	6028	6028-12	7028	7028-12	7/8	.70
5030	6030	6030-12	7030	7030-12	15/16	.70
5032	6032	6032-12	7032	7032-12	1"	.90
5034	6034	6034-12	7034	7034-12	1 1/16	.90

Square Opening Sockets

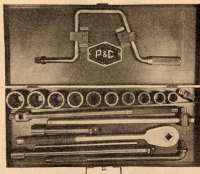


The 6008 Series have 1/2" Square hole for handles, and the 7008 Series have the 9/16" Hexagon Hole for handles. The same rule of numbering used on sockets shown on previous pages, is also used on these Square Opening Sockets, the letter "S" following the number designates it as "Square opening."

Square Opening Sockets	Square Opening Sockets	Opening	Price
1/2"	9/16"		
Square Back	Hexagon Back		
No.	No.	Opening	Price
6008-S	7008-S	1/4	\$1.00
6010-S	7010-S	5/16	1.00
6012-S	7012-S	3/8	1.00
6014-S	7014-S	7/16	1.00
6016-S	7016-S	1/2	1.00
6018-S	7018-S	9/16	1.00
6020-S	7020-S	5/8	1.40
6022-S	7022-S	11/16	1.50
6024-S	7024-S	3/4	1.60

P & C Heavy Duty Socket Sets For Truck, Tractor and Other Heavy Duty Work

NO. 9108-12 SET



The HEAVY DUTY SET ILLUSTRATED ABOVE is far superior to anything of this type on the market. The best of material is used in the handles and the sockets. It is impossible to tell how good this set is—you must see it to appreciate it. The Twelve Point Sockets give a big advantage, as they will handle either hexagons or square nuts. All service connections are 5/8" Square.
No. 9108-12—HEAVY DUTY SET..... \$40.00

The HEAVY DUTY SET SHOWN ON PRECEDING PAGE consists of the following units, 8 Handles

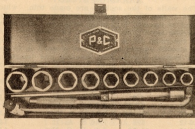
No.	Price
9001 15" Extension	\$3.50
9002 8" Extension	3.00
9003 15" L Handle	3.00
9004 Connection for Ratchet	1.00
9005 Sliding Bar "T"	2.00
9008 Heavy Duty Ratchet	7.00
9009 Giant Flex Handle	5.50
9011 Giant Speed Handle	3.50

and the following 12-POINT OPENING SOCKETS, making 18 pieces in all, in this SET.

12-Point Opening H D Sockets	Hexagon Opening H D Sockets	Opening	Price
No.	No.	Opening	Price
9028-12	9028	7/8"	1.80
9030-12	9030	15/16"	1.80
9032-12	9032	1"	1.80
9034-12	9034	1 1/16"	2.00
9036-12	9036	1 1/8"	2.20
9040-12	9040	1 1/4"	2.40
9042-12	9042	1 5/16"	2.80
9044-12	9044	1 3/8"	3.00
9046-12	9046	1 7/16"	3.20
9048-12	9048	1 1/2"	3.40

No. 9108—HEAVY DUTY SET—SAME AS 9108-12, EXCEPT WITH HEXAGON OPENING SOCKETS \$40.00
STEEL BOX FOR ABOVE AS ILLUSTRATED 4.00

No. 9200 Heavy Duty Set



The illustration above shows the No. 9200 HEAVY DUTY SET which contains 12 units out of the larger set, as follows:

9002 8" Extension	9034 Socket
9003 15" L Handle	9036 Socket
9009 Giant Flex Handle	5040 Socket
9028 Socket	9044 Socket
9030 Socket	9046 Socket
9032 Socket	9048 Socket

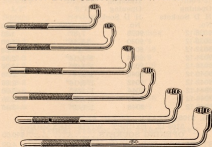
No. 9200—HEAVY DUTY SOCKET SET..... \$26.00
STEEL BOX FOR ABOVE 3.20

No. 9200-12 HEAVY DUTY SET, SAME AS 9200, EXCEPT WITH 12-POINT OPENING SOCKETS\$26.00
 STEEL BOX FOR ABOVE 3.20

Heavy Duty Universal Joint



No. 9007—HEAVY DUTY UNIVERSAL JOINT, \$4.50
Short Bend Offset Socket Wrenches



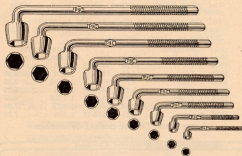
HAND FORGED FROM ONE PIECE OF CHROME VANADIUM STEEL.

The walls of the sockets are made thin, which makes it possible to use this wrench on nuts that cannot be reached with other wrenches. The above wrenches have 12-point sockets, and require only half the room for the swing of the wrench. They will also fit square nuts. Every wrench is treated by a special electric heat treating and tempering process. Where a one piece wrench is desired, these cannot be beaten.

No.	OpeningBolt Size	Price
1514-12	7/16 1/4 S. A. E.	\$.90
1516-12	1/2 5/16 S. A. E.	1.00
1518-12	9/16 3/8 S. A. E.	1.10
1519-12	19/32 5/16 U. S. Nut	1.10
1520-12	5/8 7/16 S. A. E.	1.20
1522-12	11/16 3/8 U. S. Nut	1.20
1524-12	3/4 1/2 S. A. E.	1.40
1525-12	25/32 7/16 U. S. Nut	1.60
1526-12	13/16 9/16 U. S. Cap Screw	1.75
1528-12	7/8 9/16 S. A. E.	1.90
1530-12	15/16 5/8 S. A. E.	2.00
1532-12	1" 11/16 S. A. E.	2.35
1534-12	1 1/16 3/4 S. A. E.	2.60

Prices in Sets

No.	Price
A 13 -12 SET—ALL SIZES	\$20.00
A 7 -12 SET—7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 3/8	8.70
A 6 -12 SET—7/16, 1/2, 9/16, 5/8, 11/16, 3/4	6.80



The wrenches illustrated above are exactly the same as the ones on page 16, except that they have hexagon opening sockets, instead of 12-point.

No.	OpeningBolt Size	Price
1510	5/16	\$.60
1512	3/8	.80
1514	7/16 1/4 S. A. E.	.65
1516	1/2 5/16 S. A. E.	.75
1518	9/16 3/8 S. A. E.	.85
1519	19/32 5/16 U. S. Nut	.85
1520	5/8 7/16 S. A. E.	.90
1522	11/16 3/8 U. S. Nut	.95
1524	3/4 1/2 S. A. E.	1.10
1525	25/32 7/16 U. S. Nut	1.20
1526	13/16 9/16 U. S. Cap Screw	1.35
1528	7/8 9/16 S. A. E.	1.45
1530	15/16 5/8 S. A. E.	1.65
1532	1" 11/16 S. A. E.	1.75
1534	1 1/16 3/4 S. A. E.	2.00

Prices in Sets

No.	Price
15 SET—ALL SIZES	\$16.65
12 SET—5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 3/8, 15/16, 1, 1 1/16	13.25
9 SET—5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	7.85
6 SET—7/16, 1/2, 9/16, 5/8, 11/16, 3/4	5.20

Heavy Duty Offset Wrenches

The Heavy Duty Offset Wrenches, covering sizes from 1 1/4" up, are very useful for all types of heavy work, such as rear axle nuts on Trucks, Tractors, and other heavy machines. Each wrench is made with handle in proportion to the size of the socket, and the sockets are made as thin as practical to insure strength in this size of wrench. Either with hexagon or 12-point opening.

Hexagon		12-point			
No.	Opening	Price	No.	Opening	Price
1536	1 1/8	\$3.50	1536-12	1 1/8	\$4.00
1540	1 1/4	4.50	1540-12	1 1/4	5.00
1542	1 5/16	4.75	1542-12	1 5/16	5.25
1544	1 3/8	5.25	1544-12	1 3/8	5.75
1546	1 7/16	5.75	1546-12	1 7/16	6.25
1548	1 1/2	6.50	1548-12	1 1/2	7.00
1552	1 5/8	7.25	1552-12	1 5/8	7.75

Long Bend Offset Socket Wrenches



The Long Bend Offset Socket Wrenches are the same as the Short Bend Series, but heavier. The bend in the handle is longer, giving them greater clearance above the nut, or face of the part where the nut is located. They are especially good for main bearing, connecting rod, and cylinder head work. Long Bend Offset Wrenches are furnished in Twelve Point, Hexagon and Square Openings. The Twelve Point and Hexagon Opening Wrenches are offset 3 inches, and the Square Opening Wrenches are offset 2 inches.

Hexagon		12-point			
No.	Opening	Price	No.	Opening	Price
1716	1/2	\$1.00	1716-12	1/2	\$1.25
1718	9/16	1.10	1718-12	9/16	1.35
1720	5/8	1.20	1720-12	5/8	1.45
1722	11/16	1.30	1722-12	11/16	1.55
1724	3/4	1.50	1724-12	3/4	1.75
1725	25/32	1.60	1725-12	25/32	1.85
1726	13/16	1.70	1726-12	13/16	1.95
1728	7/8	1.90	1728-12	7/8	2.15
1730	15/16	2.20	1730-12	15/16	2.45

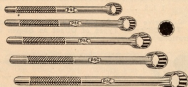
In Sets

No. 1701	SET HEXAGON OPENING	
	1/2, 9/16, 5/8, 11/16, 3/4	\$6.10
No. 1701-12	SET TWELVE POINT OPENINGS	
	1/2, 9/16, 5/8, 11/16, 3/4	\$7.35
No. 1702	SET HEXAGON OPENINGS	
	25/32, 13/16, 7/8, 15/16	7.40
No. 1702-12	SET TWELVE POINT OPENINGS	
	25/32, 13/16, 7/8, 15/16	8.40

Square Opening Long Bend Offset Wrenches

No.	Square Opening	Price
1708-S	1/4	\$.90
1710-S	5/16	1.00
1712-S	3/8	1.00
1714-S	7/16	1.10
1716-S	1/2	1.20
1718-S	9/16	1.30
1720-S	5/8	1.40

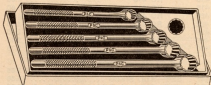
P & C Twelve Point Box Socket Wrenches



Hand forged from one piece of Chrome Vanadium Steel. The twelve-point box socket wrenches are designed for use in very close places, where there is not room for the full swing of the hexagon wrench. They fit the hexagon nuts of their various sizes, but require but half the room for the swing of the wrench. They also fit square nuts.

No.	Opening	Price
414	7/16	\$1.15
416	1/2	1.25
418	9/16	1.35
420	5/8	1.45
422	11/16	1.60
424	3/4	1.80
428	7/8	2.20
430	15/16	2.50

In Sets



No. 450	SET—One each 418-420-422-424-428	\$ 8.40
No. 451	SET—ALL SIZES	13.30
No. 452	SET—One each 414-416-418-420-424	7.00

Large Size 12-Point Box Wrenches

No.	Opening	Price
4031	31/32	\$3.00
4032	1	3.20
4034	1 1/16	3.40
4036	1 1/8	3.60
4038	1 3/16	3.80
4040	1 1/4	4.00
4042	1 5/16	4.20
4044	1 3/8	4.40
4046	1 7/16	4.60
4048	1 1/2	4.80

P & C Twelve Point Socket Wrenches Are Made With Two Different Types of Offset as Shown in Illustrations



The Above Style is Designated "R" Bend



The Above Style is Designated "RO" Bend

The numbers of these styles of wrenches are designated by using the regular numbers for straight box wrenches, with the prefix "R" or "RO".

No. "R" Bend	No. "RO" Bend	Opening	Price
R 414	RO 414	7/16	\$1.40
R 416	RO 416	1/2	1.50
R 418	RO 418	9/16	1.60
R 420	RO 420	5/8	1.70
R 422	RO 422	11/16	1.85
R 424	RO 424	3/4	2.05
R 428	RO 428	7/8	2.45
R 430	RO 430	15/16	2.75

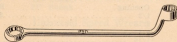
In Sets

R 450	SET—One each 9/16, 5/8, 11/16, 3/4, 7/8	\$ 9.50
R 451	SET—ALL SIZES	15.30
R 452	SET—One each 7/16, 1/2, 9/16, 5/8, 3/4	8.25
RO 450	SET—One each 9/16, 5/8, 11/16, 3/4, 7/8	9.65
RO 451	SET—ALL SIZES	15.30
RO 452	SET—One each 7/16, 1/2, 9/16, 5/8, 3/4	8.25

Large Size 12-Point Box Wrenches With "R" or "RO" Bend

No.	No.	Opening	Price
R 4031	RO 4031	31/32	\$3.25
R 4032	RO 4032	1"	3.45
R 4034	RO 4034	1 1/16	3.65
R 4036	RO 4036	1 1/8	3.85
R 4038	RO 4038	1 3/16	4.05
R 4040	RO 4040	1 1/4	4.25
R 4042	RO 4042	1 5/16	4.45
R 4044	RO 4044	1 3/8	4.65
R 4046	RO 4046	1 7/16	4.85
R 4048	RO 4048	1 1/2	5.05

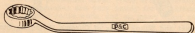
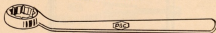
Double End 12-Point Box Socket Wrenches



The wrenches as illustrated above have twelve point box socket on both ends, one end being straight and the other offset. Where you need a straight wrench, you have it—and if there is an obstruction the offset will clear it. The openings are the same on both ends.

No.	Opening	Price
0414	7/16	\$ 1.50
0416	1/2	1.55
0418	9/16	1.65
0420	5/8	1.85
0422	11/16	1.90
0424	3/4	2.10
0428	7/8	2.50
0400	SET—One each above	13.05

Mechanics Pocket Size 12-Point Offset Box Wrenches



These wrenches are small in size, and very handy for light work. They balance perfectly and feel good in the hand. These three wrenches in your pocket will handle many jobs, and they are not bulky.

No.	Opening	Price
0114	7/16	\$.60
0116	1/2	.70
0118	9/16	.80
0100	SET—One each above	2.10

Hexagon Box Socket Wrenches

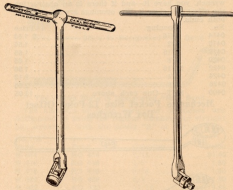


Hand forged from one piece of Chrome Vanadium Steel

These wrenches have short sockets, very thin walls, and can be used in very close places.

No.	Opening	Price
516	1/2	\$.70
518	9/16	.80
520	5/8	1.00
522	11/16	1.10
524	3/4	1.20
No. 550	SET OF ABOVE COMPLETE.	4.80

Universal "T" Wrench



Socket and Shank Made of Chrome Vanadium Steel
12" Shank

No.	Opening	Price
3512	3/8	\$3.25
3514	7/16	3.25
3516	1/2	3.25
3518	9/16	3.50
3520	5/8	3.50
3522	11/16	3.50
3524	3/4	3.75

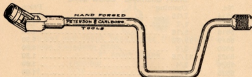
Universal "T" Wrenches—21" Shank

No.	Opening	Price
3812	3/8	\$3.50
3814	7/16	3.50
3816	1/2	3.50
3818	9/16	3.80
3820	5/8	3.80
3822	11/16	4.00
3824	3/4	4.00

Universal "T" Handle With 1/2" Square Connection
(As Illustrated)

No.	Shank	Price
6073	12" Shank	\$3.00
6074	21" Shank	3.25

Universal Speed Wrench



Socket Made of Chrome Vanadium Steel

No.	Opening	Price
9516	1/2	\$3.25
9518	9/16	3.50
9520	5/8	3.50
9522	11/16	3.50
9524	3/4	3.75

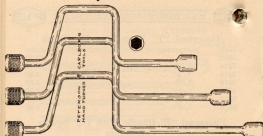
Electricians' Wrenches



Socket and shank hand forged from one piece of Chrome Vanadium Steel. Hard Wood Handle
These wrenches are very handy for all kinds of electrical and radio work, and on many other small nuts. A good grip can be had on the well shaped handle to break the nut loose and tighten it, and it is possible to make great speed with this type of wrench on light work.

No.	Opening	Price
1308	1/4	\$.75
1310	5/16	.75
1311	11/32	.75
1312	3/8	.75
1314	7/16	.75

Speed Wrenches

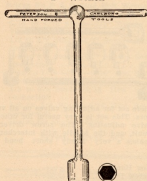


Sockets all made from Chrome Vanadium Steel.

Easy grip handles

Short Shank—5" Below Bend		
No.	Opening	Price
5416	1/2	\$1.30
Short Shank—8" Below Bend		
No.	Opening	Price
5514	7/16	\$1.30
5516	1/2	1.30
5518	9/16	1.30
5519	19/32	1.30
5520	5/8	1.50
5522	11/16	1.50
5524	3/4	1.60
5525	25/32	1.60
5526	13/16	1.60
5528	7/8	1.80
5530	15/16	1.80
5532	1	2.00
5534	1 1/16	2.00
Long Shank—10" Below Bend		
No.	Opening	Price
6514	7/16	\$1.30
6516	1/2	1.30
6518	9/16	1.30
6519	19/32	1.30
6520	5/8	1.50
6522	11/16	1.50
6524	3/4	1.60
6525	25/32	1.60
6526	13/16	1.60
6528	7/8	1.80
6530	15/16	1.80
6532	1	2.00
6534	1 1/16	2.00
Extra Long Shank—16" Below Bend		
No.	Opening	Price
7516	1/2	\$1.60
7518	9/16	1.60
7520	5/8	1.60
7522	11/16	1.60
7524	3/4	1.80
Extra Long Shanks—24" Below Bend		
No.	Opening	Price
8516	1/2	\$1.80
8518	9/16	1.80
8520	5/8	1.80

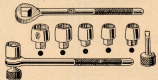
"T" Wrench



Socket and shank hand-forged from one piece of Chrome Vanadium Steel.

6" Short Shank		
No.	Opening	Price
4214	7/16	\$1.20
4216	1/2	1.30
4218	9/16	1.35
4220	5/8	1.45
4222	11/16	1.50
4224	3/4	1.60
4226	13/16	1.75
4228	7/8	2.00
4230	15/16	2.20
4232	1	2.40
4234	1 1/16	2.60
12" Long Shank		
No.	Opening	Price
4514	7/16	\$1.40
4516	1/2	1.50
4518	9/16	1.65
4519	19/32	1.65
4520	5/8	1.85
4522	11/16	1.95
4524	3/4	2.10
4525	25/32	2.10
4526	13/16	2.10
4528	7/8	2.25
4530	15/16	2.40
4532	1	2.60
4534	1 1/16	3.00
18" Extra Long Shank		
No.	Opening	Price
4818	9/16	\$2.00
4820	5/8	2.25
4822	11/16	2.35
4824	3/4	2.50

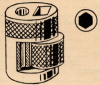
P & C Valve Adjusting Set



A complete set for adjusting valves on all valve-in-head motors. This set is very useful for other work beside valve adjusting. The screw driver is a separate unit, and the handle with interchangeable sockets makes a very handy short bend offset wrench.

No.	Description	Price
1901	Box Handle	\$1.25
1902	Screw Driver	.50
1914	7/16 Opening 12-point Socket	.75
1916	1/2" Opening 12-point Socket	.75
1918	9/16 Opening 12-point Socket	.75
1920	5/8" Opening 12-point Socket	.75
1922	1 1/4" Opening 12-point Socket	.75
1900	COMPLETE SET	5.00

P & C Stud Bolt Wrenches

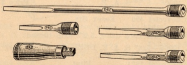


The P & C Stud Bolt Wrench illustrated above is adapted for use with the various style handles having 1/2" Square or 9/16" Hexagon service connections. The knurled roller works on eccentric, insuring positive grip on the stud. These Stud Bolt Wrenches work with "L", "T" or Speed Handles. Will take studs on all cars and trucks. There are three sizes—small for studs 5/16 to 7/16—medium for studs 1/2 to 5/8—large for studs 5/8 to 3/4. The Body has heavy knurling, which makes it easy to pull off handles. Rollers are made with greatest care from the best of steel, specially heat treated and tempered, but on account of the fact that they are bound to wear in time, the rollers are not guaranteed. Rollers may be replaced by driving out the pin which holds them. A very handy tool for all classes of Stud Bolt work.

Prices On P & C Stud Bolt Wrenches

No.	Description	Price
900	5/16 to 7/16 Studs—1/2" Square Service connection	\$2.85
902	1/2 to 5/8 Studs—1/2" Square Service connection	3.15
912	5/8 to 3/4 Studs—1/2" Square Service connection	3.50
901	5/16 to 7/16 Studs—9/16" Hex Service connection	2.85
903	1/2 to 5/8 Studs—9/16 Hex Service connection	3.15
913	5/8 to 3/4 Studs—9/16 Hex Service connection	3.50
907	Roller for any of above	.50

Screw Driver Set



The famous P & C Sole Leather Screw Driver Handle, with 1/2" Square connection, which has double ball snap. The blades are hand forged from Chrome Vanadium Steel, and are furnished in both the Heavy Duty and General Purpose types, with a wide range of sizes. All standard 1/2" Square handles also work with the blades. The heavy duty blades have 1/2" Square Shoulder as illustrated, on which our regular ratchet works, making a ratchet screw driver—or any open end or crescent wrench may be used.

No.	Handle	Price
930	Leather Handle for use with any blades	\$1.50
Heavy Duty Type Blades		
931	Heavy Duty Blade 3 1/2 Overall—1/2" Bit	\$1.00
932	Heavy Duty Blade 6" Overall—1/4" Bit	1.25
933	Heavy Duty Blade 6" Overall—5/16" Bit	1.25
934	Heavy Duty Blade 6" Overall—3/8" Bit	1.25
935	Heavy Duty Blade 6" Overall—1/2" Bit	1.25
936	Heavy Duty Blade 10" Overall—7/16" Bit	1.40
937	Heavy Duty Blade 12" Overall—1/2" Bit	1.50
938	Heavy Duty Blade 15" Overall—1/2" Bit	1.75
General Purpose Blades		
941	General Purpose Blade—4" Overall—5/16" Bit	1.00
942	General Purpose Blade—8" Overall—5/16" Bit	1.15
943	General Purpose Blade—12" Overall—5/16" Bit	1.40

Wheel Starters

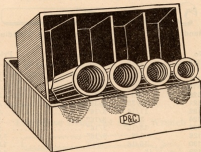
These Wheel Starters are hand-forged from Chrome Vanadium Steel, and are re-tempered. If the threads of the axle are damaged, this tool acts as a die in straightening the threads.

Screw the Starter on tight, so that the end of the axle is against the bottom of the socket, and then a stroke or two with a hammer will loosen the wheel so that it can be easily removed. Better than any wheel puller or other device for removing the wheel from the rear axle.



- | | |
|--|--------------|
| No. 1000F—5/8" S. A. E. | Price \$.80 |
| Ford Durant Overland 4 | |
| Chevrolet 490 Essex Six | |
| up to 1924 Gray | |
| and other cars using 5/8" axle thread | |
| No. 1000S—5/8" S. A. E. DEEP (For Star Cars) .80 | |
| No. 1001—3/4" S. A. E. | Price .90 |
| Chevrolet 1924 Flint | |
| and later Gardner | |
| Dort Moon | |
| Franklin | |
| and other cars using 3/4" S. A. E. axle thread. | |
| No. 1002—7/8" S. A. E. | Price 1.05 |
| Buick Hudson Overland | |
| Chandler Hupmobile Paige | |
| Chrysler Jewett Studebaker | |
| Cleveland Jordan Ford Truck | |
| Dodge Nash Velle | |
| Essex Four Oakland | |
| and other cars using 7/8" S. A. E. axle thread. | |
| No. 1003—1" S. A. E. | Price 1.25 |
| Auburn Oldsmobile | |
| Reo Case | |
| Studebaker Special and Big Six | |
| and other cars using 1" S. A. E. Axle thread. | |
| No. 1004—1 1/8" S. A. E. | Price 1.50 |
| For all cars and trucks using 1 1/8" S. A. E. Axle thread. | |
| No. 1006—1 1/4" S. A. E. | Price 2.00 |
| For trucks using 1 1/4" S. A. E. Axle thread. | |
| No. 1007—1 1/4" U. S. S. (For Graham Trucks) | |
| Price | 2.00 |
| No. 1008—1 1/2" S. A. E. | Price 3.00 |

Wheel Starters In Sets



- No. 1000 SET—(Illustrated)—in substantial.....
box (5/8—3/4—7/8—1")Price \$4.00
- No. 1005 SET—In substantial boxPrice 4.80
(5/8—5/8 Deep—3/4—7/8—1")
- No. 1009 SETPrice 8.50
(1 1/8—1 1/4 S. A. E.—1 1/4 U. S. S.—1 1/2)

Special Note

The 1000F Wheel Starter is fine for driving out the Front Spring Perch, on the Ford.

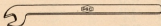
P & C Bushing Extractor



These bushing extractors are screwed into the bushing, allowing the small end to extend through the body. By hammering on the small end, the bushing is easily driven out. Hand forged from Chrome Vanadium steel.

- | | |
|-----|-------------------------|
| No. | Price |
| 367 | 7/16 to 7/8 .....\$3.00 |

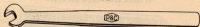
Dodge Special Tappet Wrenches



Hand Forged from Chrome Vanadium Steel

- | | | | |
|-------|---------|--------|-------------|
| No. | Opening | Length | Price |
| 1116D | 1/2" | 11" |\$.90 |
- Sold single or in pairs. A pair consists of one with tappet head as per illustration above and other with opening straight in line with handle.

Single End Tappet Wrenches

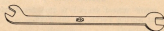


Hand forged from one piece of Chrome Vanadium Steel. 9" long over all.

No.	Opening	Thickness	Price
1114	7/16	3/16"	\$.80
1116	1/2	3/16"	.80
1117	17/32	1/8"	.80
1118	9/16	3/16"	.80
1120	5/8	3/16"	.80
1121	21/32	3/16"	.80
1122	11/16	3/16"	.90
1124	3/4	3/16"	.90
1126	13/16"	3/16"	.90
1128	7/8	3/16"	1.00
1130	15/16		1.00
1132	1"		1.00

All Tappet Wrenches shown in the catalog are hand-forged from Chrome-Vanadium Steel and the last two figures of catalogue number indicate the size of the opening in thirty-seconds of an inch.

Double End Tappet Wrenches

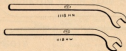


Hand Forged from one piece of Chrome Vanadium Steel

The P & C Double End tappet wrenches are thinner than any tappet wrenches on the market. They are made of Chrome Vanadium Steel, the openings are exact and the entire wrench is carefully heat treated to give long service. These wrenches have the same size openings on both ends, one end being straight with the handle and the other at an angle which will be found to be perfect for tappet work.

No.	Opening	Price
1114DE	7/16	\$1.00
1116DE	1/2	1.00
1117DE	17/32	1.00
1118DE	9/16	1.00
1120DE	5/8	1.00
1121DE	21/32	1.00
1122DE	11/16	1.10
1124DE	3/4	1.10
1126DE	13/16	1.10
1128DE	7/8	1.20
1130DE	15/16	1.30
1132DE	1"	1.30

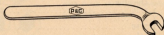
Special Hudson Tappet Wrenches



One of these wrenches has a wide neck and the other a narrow neck. They are used in pairs.

No.	Opening	Price
1118HN	9/16" narrow neck	\$.90
1118HW	9/16" wide neck	.90

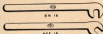
Ford Disc Drum Set Screw Wrench



Hand forged from one piece of Chrome Vanadium Steel.

No.	Opening	Length	Price
1112F	3/8"	6 1/2"	\$1.00

Brake Adjusting Wrenches

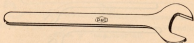


P & C Brake Wrenches are hand forged from one piece of Chrome Vanadium Steel. They are specially treated by an electric heat treating and tempering process, and will withstand hard usage. They are made with two different angles: 45 degrees and 90 degrees.

No.	Opening	Degree	Price
BN 16	1/2"	90	\$1.25
BN 18	9/16"	90	1.25
BN 20	5/8"	90	1.25
BN 22	11/16"	90	1.25
BN 24	3/4"	90	1.25
BN 26	13/16"	90	1.25
BN 28	7/8"	90	1.25
BFF 16	1/2"	45	1.25
BFF 18	9/16"	45	1.25
BFF 20	5/8"	45	1.25
BFF 22	11/16"	45	1.25
BFF 24	3/4"	45	1.25
BFF 26	13/16"	45	1.25
BFF 28	7/8"	45	1.25



Water Pump Packing Nut Wrenches



Hand forged from one piece of Chrome Vanadium Steel.

P & C PUMP WRENCHES ARE VERY THIN AND AT THE SAME TIME STRONG

The last two figures of the catalogue numbers indicate the size of the opening in thirty-seconds of an inch.

No.	Opening	Price
1234	1 1/16	\$ 1.35
1236	1 1/8	1.35
1238	1 3/16	1.35
1240	1 1/4	1.35
1242	1 5/16	1.35
1244	1 3/8	1.35
1246	1 7/16	1.45
1248	1 1/2	1.45
1252	1 5/8	1.65
1256	1 3/4	1.85
1200	SET—One each of the above	14.50

UNIVERSAL SOCKETS



Universal Sockets are very handy and save a lot of time and trouble in getting at those nuts that are in bad places. They are made with the short shank as illustrated, and fit the various types of handles and attachments, making it possible to form many distinct Universal Socket Wrenches. Made with the 1/2" Sq. and 9/16 Hexagon Service Connection.

Socket				Socket			
No.	Opening	Conn.	Price	No.	Opening	Conn.	Price
A6812	3/8	1/2 Sq.	\$2.50	A7812	3/8	9/16 Hex.	\$2.50
A6814	7/16	1/2 Sq.	2.50	A7814	7/16	9/16 Hex.	2.50
A6816	1/2	1/2 Sq.	2.50	A7816	1/2	9/16 Hex.	2.50
A6818	9/16	1/2 Sq.	2.50	A7818	9/16	9/16 Hex.	2.50
A6819	19/32	1/2 Sq.	2.50	A7819	19/32	9/16 Hex.	2.50
A6820	5/8	1/2 Sq.	2.50	A7820	5/8	9/16 Hex.	2.50
A6822	11/16	1/2 Sq.	2.50	A7822	11/16	9/16 Hex.	2.50
A6824	3/4	1/2 Sq.	2.50	A7824	3/4	9/16 Hex.	2.50
A6825	25/32	1/2 Sq.	2.50	A7825	25/32	9/16 Hex.	2.50
A6826	13/16	1/2 Sq.	2.75	A7826	13/16	9/16 Hex.	2.75
A6828	7/8	1/2 Sq.	2.75	A7828	7/8	9/16 Hex.	2.75
A6830	15/16	1/2 Sq.	2.75	A7830	15/16	9/16 Hex.	2.75
A6832	1"	1/2 Sq.	2.75	A7832	1"	9/16 Hex.	2.75

Special Attachments And Sockets
CARBURETOR DRAIN PLUG DRIVER

No. 6017\$1.00

The Carburetor Drain Plug Driver illustrated has 1/2" Square Service connection, and the bit is designed for use on the drain plug on the Marvel Carburetor. An exceptionally handy tool wherever this Carburetor is used.

DRAG LINK SOCKET



For use on slotted nuts of any kind, but especially on automobile and truck steering assembly. Have 1" Blade.



6076

6076 1/2" Square Service Connection\$1.00
7076 9/16" Hexagon Service Connection 1.00

WING NUT SOCKETS



For adjusting brakes where the Wing Nut is used. Has slot which fits over the wings, making adjustment easy and fast.



6075

6075 1/2" Square Service Connection\$1.00
7075 9/16" Hexagon Service Connection 1.00

EXTRA DEEP SOCKETS



The extra Deep sockets are 2 1/2 inches overall and are very handy for work where the nuts are deep. Good on body work, spring U bolts, spark plug work, and main bearing work on some motors.

6024-ED

No.	Opening	Service Connection	Price
6024ED	3/4	1/2 Square	.....\$1.10
6028ED	7/8	1/2 Square	..... 1.20
7024ED	3/4	9/16 Hexagon	..... 1.10
7028ED	7/8	9/16 Hexagon	..... 1.20



Tools For New Model "A" Ford

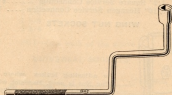


Rear Main Bearing Wrench

Hand Forged From Chrome Vanadium Steel
12-Point Socket

The New Model "A" Ford requires this wrench for work on the rear main bearing. This wrench was worked out in conjunction with an expert Ford mechanic, on his first main bearing job on the New Car, and pronounced by him as a perfect wrench for the job.

No. NF 24—Rear Main Bearing Wrench—3/4"
12-point Socket\$2.25



Front & Center Main Bearing Wrench

Hand Forged From Chrome Vanadium Steel
9/16 Square Socket

This wrench is a necessity on the Front and Center Main Bearings on the Model "A" Ford.

No. NF 18 S—Front & Center Main Bearing
Wrench, 9/16" Square Socket\$2.25



Ford and Chrysler Pump Nut Spanner

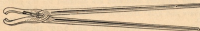
Also for Adjusting Chevrolet Steering Gears—Hand
Forged from Chrome Vanadium Steel

No. 1201—Spanner Wrench\$.60



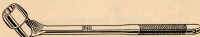
New Ford Tools

Ford Valve Lifter



The Valve Lifter illustrated above is necessary on the Model A Ford and works equally well on the Model T Ford, also on many other cars. The "tong" part takes firm hold on the spring, and the "foot" is on a double swivel which fits on the edge where the plate has been removed. On the Model T Ford and on some other cars there is a hole in the "foot" in which a hook is used, hooking it up over the manifold bolts or anything overhead. This is a very effective Lifter and works equally well for removing and replacing the spring. A REAL VALVE LIFTER. No. 0001 Price \$2.50

Flex Handle with Individual Socket



The Flex Handle illustrated with individual double hexagon or 12-point socket, is preferred by many mechanics to the loose socket type, for the reason that it is possible to get in closer places with it. This wrench is very handy in close places and is speedy. Prices following.

Speeder Flex Handle With Individual Socket



The Speeder Flex Handle with individual socket is similar to the above except that the handle is of the speed type instead of straight. The Speeder Handle in this type is especially handy for rim lug or head bolt work, and in fact can not be beaten for almost any work.

Flex Handle No.	Speeder Handle No.	Opening	Price
2116	2316	1/2	\$2.50
2118	2318	9/16	2.50
2120	2320	5/8	2.75
2122	2322	11/16	2.75
2124	2324	3/4	3.00
2125	2325	25/32	3.00
2126	2326	13/16	3.00
2128	2328	7/8	3.50
2130	2330	15/16	3.50

Adaptors



6070



6071

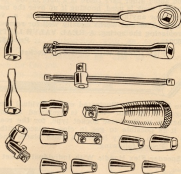


6072

The Adaptors illustrated are designed for the purpose of making interchangeable the different units having 1/2" Square and 9/16" Hexagon Service Connections.

No.	Description	Price
6070	1/2" Square Plug and 9/16" Hexagon Plug	\$.90
6071	1/2" Square Hole and 9/16" Hexagon Plug	.80
6072	1/2" Square Plug and 9/16" Hexagon Hole	.80

P & C Electrical Set



The Set illustrated above is the most wonderful thing ever offered for ignition, radio, carburetor and small bench work. A complete outfit and they will handle all those little jobs that have made you sweat to get at them. Every unit is made with the same quality and care as the larger ones. A wonderful ratchet, leather screw driver handle, screw driver blades, sliding "T", extension, sockets, and universal joint. The leather spinner handle works with the sockets also.

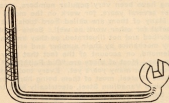
No.	Description	Price	No.	Description	Price
0250	Ratchet	\$.250	0209	9/32" Hexagon Socket	.50
0251	Adaptor	.30		5/16" Hexagon Socket	.50
0252	6" Extension	1.00	0210	11/32" Hexagon Socket	.50
0253	Sliding "T"	1.00	0211	3/8" Hexagon Socket	.50
0254	Universal Joint	2.00	0212	7/16" Hexagon Socket	.50
0255	Leather Handle	1.50	0214	1/4" Square Socket	.50
0256	1/4" Screw Driver	.50	0208S	1/4" Square Socket	.50
0257	5/16" Screw Driver	.50	0210S	5/16" Square Socket	.50
0208	1/4" Hexagon Socket	\$.50			
No. 0200	SET—One each of above	\$13.30			



P. & C. HAND FORGED TOOL COMPANY



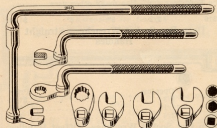
Buick Rocker Arm Oil Pipe Wrench



This wrench has a 3/8" open crow foot socket and is designed to handle the Rocker Arm Oil Pipe on the Buick. Will be found very handy for this job.

No.	Opening	Price
0005	3/8"	\$1.00

Crow Foot Sockets



The CROW FOOT SOCKETS here illustrated are exceptionally useful on all kinds of automobile work, on trucks and tractors, for airplane work and all classes of machine shop work. As shown by the cut these sockets work on any type of handle having 1/2" Square service connection—"L" Handles, Flex Handles, Speed Handle, Extensions etc. With an "L" handle and extension, a perfect Buick Head Wrench can be assembled. As illustrated they form an offset box wrench or open end wrench and give you a wrench of any angle desired. Made strong and will give long service. These CROW FOOT SOCKETS have no equal on the market. Made in 12 Point Box and Open End Style.

12-Point Box	Open End	Opening	Service Connection	Price
5616-12	0616-0	1/2"	1/2" Square	\$1.00
5618-12	0618-0	9/16"	1/2" Square	1.00
5619-12	0619-0	19/32"	1/2" Square	1.00
5620-12	0620-0	7/8"	1/2" Square	1.00
5622-12	0622-0	11/16"	1/2" Square	1.25
5623-12	0623-0	3/4"	1/2" Square	1.25
5625-12	0625-0	35/32"	1/2" Square	1.25
5626-12	0626-0	11/16"	1/2" Square	1.25
5629-12	0629-0	7/8"	1/2" Square	1.25

Ford Tools

The tools which are shown on the several pages following have been very popular numbers, most of them for several years, for work on the model "T" Ford. Many of them are called Ford tools but are very useful for other work as well. Some numbers are described and not illustrated, as they are known by many mechanics by their number and are in constant demand, on account of the fact that they are still popular. Most of these are "Old Faithfuls," and will be used for many years yet. Every tool is made of the best of steel, most of them being hand forged from Chrome Vanadium Steel, electrically heat treated and tempered and will give long service.

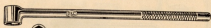
Ford Differential Housing Speed Wrench



A very handy speeder for taking off the bolts on the Ford rear end. Has many other uses.

No.	Opening	Sweep	Below Bend	Price
5316	1/2"	5"	6"	\$1.25

Deep Box Socket Wrenches—Straight Handles



No.	Opening	Price
620	5/8"	\$1.50
622	11/16"	1.50
624	3/4"	1.50

Deep Box Socket Wrenches—Offset Handles



Hand forged from one piece of Chrome Vanadium Steel.

No.	Price
620-B Box Socket Wrench 5/8" Hex. Opening.	\$1.75

This wrench is especially adapted to work on the Ford cylinder head and connecting rods.

No.	Price
622-B Box Socket Wrench, 11/16" Hex. Opening	1.75

Especially designed for use on Oakland and Oldsmobile cylinder head nuts, also Studebaker cylinder head and connecting rods.

No.	Price
624-B Box Socket Wrench, 3/4" Hex. Opening.	\$1.75

Especially good for the Ford main bearing nut.

Ford Main Bearing Square Socket Wrenches



Hand forged from one piece of Chrome Vanadium Steel

No.	Price
617 9/16" Square Opening	\$1.35

The No. 617 is a plain Offset Socket Wrench with 5/16" square opening.

Straight Handle



Hand forged from one piece of Chrome Vanadium Steel.

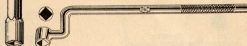
No.	Price
615 9/16" Square Opening	\$1.50

The No. 615 is a plain Box Socket Wrench with 9/16" square opening.



Extension for No. 615

No.	Opening	Length	Price
615C	9/16"	9"	\$1.50

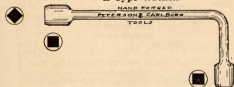


Hand forged from one piece of Chrome Vanadium Steel.

No.	Price
615-B 9/16" Square Opening	\$1.75

The No. 615B is an Offset Box Socket Wrench with 9/16" square opening. (This wrench is much preferred by many mechanics.)

Ford Main Bearing Double Socket L Type Wrench

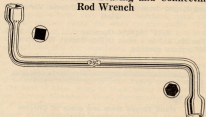


Hand forged from one piece of Chrome Vanadium Steel.

No.	Opening	Price
444 9/16 sq. x 9/16 sq.	\$1.95	

The "L" Type Wrench No. 444 has one end 3 1/2" long and the other end 11" long.

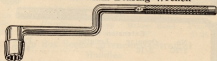
No. 445 Ford Main Bearing and Connecting Rod Wrench



This wrench has the one end 9/16" square opening to fit the bolt head of the Ford main bearing, while the other end has a 5/8" hexagon opening to fit the connecting rods of the Ford car.

No. 445 9/16" Square and 5/8" Hex. Opening.. 2.10

Ford Rear Main Bearing Wrench



No. 447 Opening 3/4" Price \$2.25

This wrench has a twelve point socket, which makes it possible to take one-twelfth of a turn. Has a good leverage and clears the crank case.

Ford Main Bearing Wrench

No. 120 F has a "U" Bend in the shank just back of the socket and is preferred by many mechanics to any other wrench for this main bearing job.

No. 120F Opening 9/16 Sq. Price \$3.35

Ford Front Main Bearing Straight Shank Tee Wrench

No. 110F Opening 9/16 Sq. Price \$2.25

No. 100-F Ford Fourth Connecting Rod Wrench

This wrench has the shank of the "T" handle offset sufficiently so that the fourth connecting rod can be reached through the inspection opening, and without removing the lower crank case.

No. 100F Opening 5/8 Price \$2.25

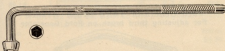
Ford Fourth Connecting Rod Wrench
Hand forged from one piece of Chrome Vanadium Steel



No. 1520F12 Opening 5/8 Price \$1.50

This wrench has twelve point socket which makes it possible to take a twelfth turn. Clears the crank case.

No. 722 Ford Fly Wheel Wrench



Hand forged from one piece of Chrome Vanadium Steel

This wrench is designed to fit the cap screw of the Ford fly wheel and the bend is long enough so that the handle will clear the field coils which are attached to the fly wheel. 11/16" opening.

No. 722 Opening 11/16 Price \$1.35

Ford Fly Wheel Cap Screw Wrench Double Bend Handle



Hand forged from one piece of Chrome Vanadium Steel.

This wrench also is for the cap screw of the Ford fly wheel, but the handle is bent so that while the handle is directly in line with the head of the wrench, thus giving a straight pull, the bend in the handle is such as to clear the Field coils attached to the fly wheel. The socket opening is 11/16"

No. 722-B Opening 11/16 Price \$1.50

Ford Flywheel Cap Screw Wrench

No. 722C Opening 11/16 Price \$1.50

The above wrench is for the cap screw of the Ford flywheel, to drop the bearing cap, without removing the motor from the car. Can also be used when motor is out.

No. 720 Ford Generator Wrench



Hand forged from one piece of Chrome Vanadium Steel

This wrench has the socket offset, and a 5/8" opening to fit the nuts on the generator, and has the handle bent slightly to clear the fan.

No.	Opening	Price
720	5/8	.....\$1.25

Ford Generator Third Brush Wrench

For adjusting third brush on Ford Generator



Hand forged from one piece of Chrome Vanadium Steel

No.	Opening	Price
1510AF	5/16	.....\$.85

Ford Rear Perch Nut Wrench

Hand forged from one piece of Chrome Vanadium Steel

No.	Opening	Price
1632	1	.....\$2.50

For Ford Front Perch use Wrench No. 1530

One Man Offset Box Socket Wrenches



The four wrenches illustrated above are great time savers. They act as a holder for the nut while work is being done from the other end. These wrenches are handy in many places, but the principal uses are as follows:

9/16 Opening Wrench for taking off crank case on Ford Car.

1/2 Opening Wrench for holding the nuts around Ford Differential.

5/8 Opening Wrench for holding the nuts around "Fordson Tractor Crank Case".

3/4 Opening Wrench for holding Old and New Model Ford Main Bearing Nuts.

No.	Opening	Price
816 OM	1/2	.....\$.70
818	9/16	......80
820	5/8	......90
824	3/4	.....1.00
800	SET—One each of the above	.....3.40

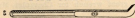
Ford Bushing Punch



For removing the steel bushings in the Ford spindle arm and Spring shackles.

No.	Price
302	.....\$1.00

Ford Cone Drive



For driving out the cone in the Ford front wheel. A very popular tool for this work.

No.	Price
65	.....\$1.35

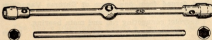
Ford Assembly Punch



A very handy punch for assembly work and is very useful in repair work.

No.	Price
150	.....\$1.60

Pin Wrenches



For use on connecting rods, cylinder heads, main bearings, pinion gears, axle nuts, etc., where a hard pull is required. This wrench will be found to be handy in awkward places and a great leverage is obtained.

No.	Opening	Price
1820P	9/16x5/8	.....\$2.70
1824P	9/16x3/4	.....2.85
2024P	5/8x3/4	.....2.85
2224P	11/16x3/4	.....2.85
2428P	3/4x7/8	.....3.00
2428P	3/4x7/8, 18" long	.....3.40

Pin Wrenches (Not Illustrated)

These pin wrenches are similar to the ones shown above except they do not have the hump and hole in the center. They are 18" long and have a hole for pin at the base of each socket.

No.	Openings	Length	Price
AP1820	9/16x5/8	18"	\$2.40
AP1824	9/16x3/4	18"	2.50
AP2024	5/8 x3/4	18"	2.50
AP2224	11/16x3/4	18"	2.50
AP2428	3/4 x7/8	18"	2.70

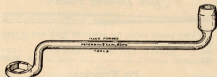
Chevrolet Main Bearing Wrench



The above wrench has double offset, with 12-point sockets. A great wrench for Chevrolet Main Bearings.

No.	Opening	Price
8283B	13/16x7/8—12-point Sockets	\$2.50

Special Double Offset Socket Wrench

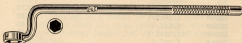


Hand forged from one piece of Chrome Vanadium Steel

Chevrolet connecting rod and main bearing.

No.	Openings	Price
8218	7/8 x9/16	\$2.50
8318	13/16x9/16	2.50

Chevrolet M. B. Offset Box Wrench

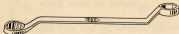


Hand forged from one piece of Chrome Vanadium Steel

In this single end wrench the 7/8" size is made in Hexagon, and the 13/16" is made in both hexagon and 12-point.

No.	Openings	Price
8200	7/8—Hexagon Socket	\$2.15
8300	13/16—Hexagon Socket	2.15
8300B	13/16—12-point Socket	2.15

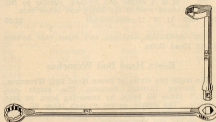
Chevrolet Universal Joint Wrench



This wrench has openings 1/2" on one end and 9/16" on the other. Twelve point sockets. Fits Chevrolet joint and manifold nuts, and is very handy for all kinds of work.

No.	Openings	Price
8100	1/2x9/16	\$1.50

Special Head Bolt Wrenches Buick Head Bolt Wrench



The Above Illustration Shows a Two Piece Buick Head Bolt Wrench.

The Box Wrench Handle has 5/8"—12-point Socket on one end, and 9/16" Hexagon Socket on the other. The EXTENSION has a 9/16" milled service connection which engages in the opening of the handle, or any handle having 9/16" Hexagon socket. The crow foot socket is designed to get in close places, being very thin, with a web on top to give strength. This crow foot handles the back head bolt on the Standard Six where the oil pipe is in the way. This wrench works well on all models, and the BOX WRENCH is very handy around the Buick Rocker Arm Assembly, Manifolds and other places.

No.	Price
1020D	Two piece Buick Head Bolt Wrench... \$3.00
1020X	Box Handle—9/16" Hexagon & 5/8" 12-point
1020Z	Crow Foot Extension—5/8" opening... 1.50

Solid Buick Head Bolt Wrench With Crow Foot

1020C \$2.50
This wrench is similar to the above, except is a solid wrench. Has 5/8"—12-point Box Socket and 5/8" open Crow Foot.



Buick Head Bolt Wrench With 12-Point Socket on Both Ends

No. Price
1020B—5/8" 12-point Sockets Both Ends\$2.50

This wrench is "L" shaped, having 4" clearance, with the box socket on the offset swung back under the handle. Clears rocker arms on valve-in-head motors. Very useful in many places and on many cars.

Other Head Bolt Wrenches

No. 1020—5/8" 12-point Socket\$2.00
No. 1020 is a single end wrench, similar to No. 1020B. A good wrench for Buick and other cars.
No. 1022—11/16" 12-point Socket\$2.00

For Oldsmobile, Oakland and other cars having 11/16 Head Bolts.

Essex Head Bolt Wrenches

We make two styles of Essex Head Bolt Wrenches, both having 12-point Sockets. The single end wrench takes all bolts, by removing horn on late models. The double socket wrench takes all bolts without removing horn. Both wrenches work equally well on old and new models.

No. 1018—9/16 12-point Socket, one end\$1.75
No. 1018B—9/16 12-point Socket, both ends ... 2.50

Hudson Head Bolt Wrench

This wrench has 25/32" opening, 12-point socket. The socket is offset from the handle. Socket 7/16" deep and handle 16" overall. A good wrench for the Hudson.

No. M425—25/32" 12-point shallow socket\$2.15

Chevrolet-Dodge-Studebaker-Head Bolt Wrenches

The following three wrenches have extra long shanks to clear obstructions, and good leverage on the handles. This type of wrench is preferred by many mechanics.

No.	Opening	Size	Price
A324—Chevrolet	3/4	12x18	\$2.40
A622—Dodge	11/16	12x16	2.20
A524—Studebaker	3/4	6½x13	2.00

Double Socket "L" Type Wrenches and forged from one piece of Chrome Vanadium Steel



The short end is used to start the nut off, or to tighten it tight, and the long end is then used as a "runner" to run the nut off or on speedily.

No.	Opening	Size	Price
314	7/16x 7/16	1½x8	\$1.50
316	1/2 x 1/2	2 x9½	1.70
318	9/16x 9/16	2 x10	1.80
320	5/8 x 5/8	2 x10	1.90
322	11/16x11/16	2½x10	2.10
324	3/4 x 3/4	2½x11	2.25
328	7/8 x 7/8	2½x11	2.55

Long Bend Double Socket "L" Type Wrenches

These wrenches are similar to the ones shown above except they have longer offsets. Very good for head bolt work and are preferred by many mechanics to the regular 320 series.

No.	Openings	Size	Price
C314	7/16x 7/16	5x12	\$1.75
C316	1/2 x 1/2	5x12	1.95
C318	9/16x 9/16	5x12	2.05
C320	5/8 x 5/8	5x12	2.20
C322	11/16x11/16	5x12	2.35
C324	3/4 x 3/4	5x12	2.50
C328	7/8 x 7/8	5x12	2.80

Special Double Offset Socket Wrench



The double offset wrenches as illustrated are very handy for all kinds of work. The 9/16x5/8 is especially good for the Ford Carburetor, Generator, Manifold, Head bolts and many other jobs on the Ford. All of the wrenches are equally good in their sizes.

No.	Openings	Price
1820U	9/16x 5/8	\$2.25
1822U	9/16x11/16	2.25
1824U	9/16x 3/4	2.25
2024U	5/8 x 3/4	2.65
2428U	3/4 x 7/8	2.65
2830U	7/8 x15/16	3.00

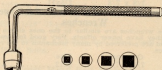
The following numbers have one offset one way and the other offset the opposite way instead of the "U" Type above.

1820	9/16x 5/8	\$2.25
1822	9/16x11/16	2.25
1824	9/16x 3/4	2.25
2024	5/8 x 3/4	2.65
2428	3/4 x 7/8	2.65
2830	7/8 x15/16	3.00

**L Type Double Socket Wrench**

Hand forged from one piece of Chrome Vanadium Steel

No.	Openings	Size	Price
253	1/2 x 9/16	8 x 8	\$1.80
254	7/16 x 1/2	6½ x 6½	1.90
255	9/16 x 5/8	8 x 8	1.90
256	9/16 x 11/16	8 x 8	1.90
257	9/16 x 3/4	8 x 8	1.90
259	5/8 x 11/16	8 x 8	2.25
259	5/8 x 3/4	8 x 8	2.25
260	3/4 x 7/8	8 x 8	2.25

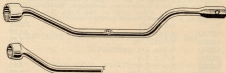
Wrist Pin Lock Nut Wrench

A wonderful wrench for removing and replacing Wrist Pin Lock Nuts.

No.	Opening	Price
1408	1/4	\$.90
1410	5/16	1.00
1412	3/8	1.00
1414	7/16	1.10

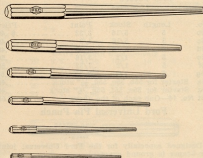
No. 1400 Set—One of each\$4.00

The 1/4" is for the Buick, 5/16" for Pierce Arrow, 3/8" for Dodge and 7/16" for Hudson. They also fit many other makes of cars.

Mack Truck Wrenches

The wrenches illustrated above are for use on the Motor Hold Down Nuts on the Mack Truck. There are two styles—one for the AB Model and the other for the AC Model.

No.	Opening	Price
ABM-28	7/8-12 Point Socket for AB Model.	\$4.50
ACM-30	15/16-12 Point Opening for AC Model.	4.50

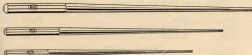
**Slim Taper Punches**

Made from high grade octagon tool steel.

No. 25 Series

No.	Length	Stock	Point	Each
25A	6½	1/4	2/16	\$.35
25B	7	5/16	1/4	.40
25C	7½	3/8	5/16	.55
25D	8	1/2	3/8	.70
25E	8½	5/8	7/16	.85
25F	9	3/4	1/2	1.00

Kit No. 7—One each of above, \$3.85

Extra Long S. T. Punches

Made from high grade octagon tool steel.

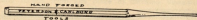
No. 35 Series

No.	Length	Stock	Point	Each
35A	12	3/8	3/16	\$.70
35B	14	1/2	1/4	1.00
35C	16	5/8	5/16	1.30

Kit No. 13—One each of above, \$3.00

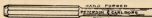


Pin Punch



No.	Length	Stock	Point	Price
55b	5	5/16	3/32	\$.40
55c	5	5/16	1/8	.40
55d	5	5/16	5/32	.40
55e	5	1/2	3/16	.50
55f	5	1/2	7/32	.50
55g	5	1/2	9/32	.50
55x	Starter for 55b, 55c, 55d, 1/2" stock			.40
55z	Starter for 55e, 55f, 55g, 1/2" stock			.40
Kit No. 14	One each of the above			3.50

Ford Universal Pin Punch



Designed especially for the Ford Universal joint pin—taper is ground exact.

No.	Point	Price
301	17/64—3/4" Octagon Steel, 7" long.	\$1.50
301B	Starter for above	1.50

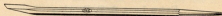
Center Punch



Made from high grade octagon tool steel.

No.	Length	Stock	Price
45A	4	3/8	\$.65
45B	4 1/2	1/2	.80

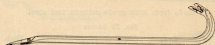
Lining Up Bars



Made from high grade octagon tool steel, one end flat with chisel point, other end round taper point.

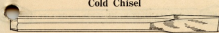
No.	Size	Price
15A	1/2x14	\$1.60
15B	5/8x20	2.00

Wrecking Bar



No.	Length	Stock	Price
222a	6"	5/16	\$.80
222b	12"	1/2	1.60
222c	14"	1/2	1.80
222d	24"	5/8	2.50
222e	30"	3/4	3.50

Cold Chisel



No.	Length	Stock	Price
10a	5	1/4	\$.25
10b	5	5/16	.35
10c	5	3/8	.45
10d	6	1/2	.60
10e	6 1/2	5/8	.75
10f	7	3/4	.85

Kit No. 5—One each of the above 3.25

Extra Length Cold Chisels

No.	Length	Stock	Price
10g	10	3/4	\$1.10
10h	12	3/4	1.30
10k	16	3/4	1.70
10m	20	3/4	2.00
10p	24	3/4	2.40

Cape Chisel



No.	Length	Stock	Price
30a	5	1/4	\$.35
30b	5 1/2	5/16	.40
30c	6 1/2	3/8	.45
30d	7	1/2	.60
30e	8 1/2	5/8	.70
30f	9	3/4	.85

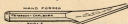
Kit No. 8—One each of the above \$3.35

Key Seat Chisel



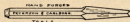
No.	Length	Stock	Price
40a	5	1/4	\$.40
40b	5 1/2	5/16	.45
40c	6 1/2	3/8	.50
40d	7	1/2	.65
40e	8 1/2	5/8	.80
40f	9	3/4	.90

Key Drift

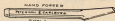


No.	Length	Stock	Price
50a	6 1/2	5/16	\$.040
50b	6 1/2	3/8	.50
50c	6 1/2	1/2	.60

Diamond Point Chisel



No.	Length	Stock	Price
60a	4	1/4	\$.040
60b	4 1/2	5/16	.50
60c	5	3/8	.65
60d	6	1/2	.80

**Round Nose Chisel**

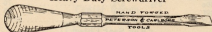
No.	Length	Stock	Price
70a	4 1/2	1/4	\$0.40
70b	5	5/16	.55
70c	6	3/8	.65
70d	7	1/2	.80

Oil Groove Chisel

No.	Length	Stock	Price
80a	6	5/16	\$0.65
80b	6 1/2	3/8	.75

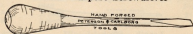
Rivet Shear

No.	Length	Stock	Price
90ars	10	5/8	\$1.00
90brs	10	3/4	1.30
90crs	12	3/4	1.70

Heavy Duty Screwdriver**Leather Handle**

These heavy duty and general purpose screw drivers are hand forged from Chrome Vanadium steel—fitted with sole leather handle—polished. Practically everlasting.

No.	Blade	Overall	Price
92b	4	8	\$1.80
92e	10	14	2.60
92g	14	22	3.00
92h	18	24	3.50

General Purpose Screwdriver

No.	Blade	Overall	Price
90b	4	8	\$1.60
90d	8	12	1.90
90f	14	18	2.40

No. 816D Dodge Generator Wrench

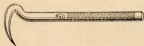
For removing cover on Generator Chain Case
Hand forged from one piece of Chrome Vanadium Steel

No.	Opening	Price
816D	1/2	\$.50

**Offset Screw Driver**

As the cut shows this screw driver has two bits, set in opposite positions. A very handy tool for use in close places. Made of the best grade of steel and the cut that every mechanic needs.

No.	Length	Bits	Price
174	6	1/4	\$1.00
175	6	5/16	1.25
176	7	3/8	1.50
177	7	1/2	1.50

Cotter Key Puller

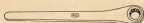
Get this Cotter Key Puller and your troubles in taking out cotters are over. Made from the best steel and just the right shape.

No.	Length	Price
125	7"	\$0.80

Ring Groove Cleaner

Our Ring Groove Cleaner will be found to do the work perfectly. The work can be done in about one-tenth the time it formerly required.

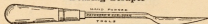
No.	Price	
200	1/4	\$1.00
201	3/16	1.00
202	1/8	1.00
203	5/32	1.00

Buick Manifold Ratchet

This ratchet has 3/16"—12 Point wheel and is exceptionally handy for use around the Buick Manifold. Not guaranteed for work on anything larger than 9/16"—but well made for its intended use.

No.	Price	
0002	9/16"—12 Point Wheel	\$2.50

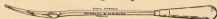
Bearing Scraper



Being hand-forged, accurately ground and tempered, these bearing scrapers remain in perfect condition longer. They are designed for fast, accurate work.

No.	Description	Price
43	Small	\$1.50
53	Medium	1.75
63	Large	2.00

Bearing Scraper



Without exception the best scraper on the market. These bearing scrapers are the best you can buy. Made from the design of able mechanics of years of experience in scraping bearings. Perfectly tempered and designed.

73	Medium	\$2.00
83	Large	2.20

Hudson-Essex Set

No.	Description	Price
E-416	Wrench similar to R-416 except just 4 1/2" over all, for New Essex oil pump.	\$1.50
H-425	25/32"-12 point wrench with socket 7/16" deep—15" over all for new Hudson head bolts	2.15
R-416	Regular—for Hudson-Essex Chain Case Cap Screws	1.50
1018	Essex Head Bolt Wrench	1.75
HE75	Hudson-Essex Set—one each above.	6.90

Timing Chain Wrench

Has 12 point socket and is the wrench needed for the Hudson-Essex timing chain adjustment. A handy wrench for other uses.

No.	Opening	Price
A116	1/2" 12 point socket	\$1.25

Buick Cage Lifter

This lifter is designed for lifting the Buick Valve Cage. Put a hammer handle, a little block or anything under the bar and press down.

No.	Length	Price
185	20"	\$2.50

Buick Crank Turners

With these turners the mechanic can turn the crank shaft from under the car without calling on someone to turn it from the front. Two shapes—slightly different—for different models of Buick.

No.	Description	Price
600	Pair Buick Crank Turners, per pair.	\$3.50

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