



P&C

HAND TOOLS

QUALITY TOOLS FOR BUILDING AMERICA

over 1500 hand tools for
**MECHANICS
BUILDERS
CRAFTSMEN**

The **BEST TOOLS**
money can buy



The BEST TOOLS money can buy BECAUSE...



1. Each tool is designed with the use and the user in mind.



2. Only the finest tool steels and special alloys are used.



3. Fabrication is by skilled master craftsmen who take pride in their work.



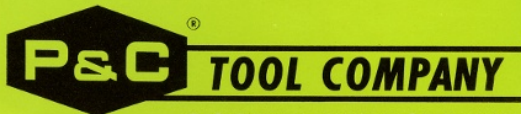
4. Every tool must meet rigid piece by piece inspection before it leaves the P & C factory.

THAT'S WHY...

you can buy P & C Tools with confidence. Each is backed by this guarantee:

OFFICIAL GUARANTEE

P & C Tools are America's finest quality tools. They are made from the very best steels and alloys obtainable. No effort is spared in the design, workmanship or final painstaking inspection. Should any P & C tool be found defective in workmanship or material and returned prepaid to the factory it will be replaced or repaired without charge provided it has been used for the purpose for which that tool was designed.



P. O. Box 5926 Portland, Oregon 97222

Wholly owned subsidiary of



NOTICE:

Due to government action, supplier changes or other causes, all prices, finishes, design features and steel analysis or other specifications in this catalog are subject to change without notice.

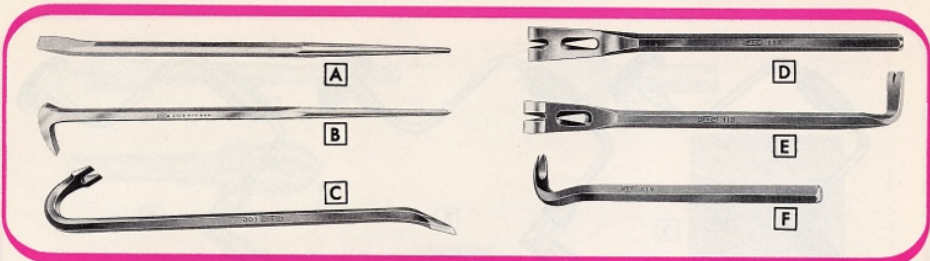


American
Hardware
Manufacturers
Association



Name	Page	Name	Page	Name	Page
ALLEN WRENCHES	43, 45, 47, 56	HACK SAW BLADES	35	SAWS	
ATTACHMENTS, SOCKET	40, 52	HACK SAWS	35	Carpenter's Handsaw	34
AUTOMATIC TRANSMISSION SET	62	HAMMER HANDLES	13	Compass Saw	34
AUTOMOTIVE TOOLS	60, 61, 62	HAMMERS		Coping Saw	34
AWLS		Ball Pein	14	Hack Saw	35
Tire Prodding Awl	3	Body and Fender	15	Hole Saw	36
General Purpose Awl	3	Nail	13	Keyhole Saw	34
BALL PEIN HAMMERS	14	Tack	13	SCRAPER, CARBON	60
BARS		HATCHETS	16	SCRAPER, GASKET	60
Lining Up Bar	3	HANDEZE GRIPS	23	SCRAPERS, WOOD	36
Rolling Head Bar	3	HANDLES, SOCKETS	41, 42, 44, 47, 49	SCREW EXTRACTOR SET	11
Wrecking Bar	3	HEX KEY (HOLLOW HEAD)		SCREW GUIDE	5
BATTERY TERMINAL PULLERS	28	WRENCHES	43, 45, 47, 56	SCREW HOLDING SCREWDRIVER	38
BEARING SEPARATOR AND PULLER	28	Open Ends	36	SCREWDRIVERS	
BENDIX BRAKE ADJUSTING TOOL	62	HOLLOW HEAD SCREW WRENCHES	56	Offset	38
BENDIX BRAKE PLIERS	25	IGNITION GAUGE SET	12	Regular	37
BEVELS	53	IMPACT SOCKETS	51, 52	Spiral Ratchet	38
BIT BRACES	4	IMPACT WRENCH	52	SCREWDRIVER SOCKETS	40, 43
BITS AND ACCESSORIES	4	INTERNAL PIPE WRENCH	26	SNIPS	39
Expansive Bits	4	KNIFE BLADES	16	SOCKET ATTACHMENTS	40-44, 47, 49, 50
Bit Extension	4	KNIVES, UTILITY	16	SOCKET HANDLES	41, 42, 44, 47, 49
Power Bit Extension	5	LEAD PICKING TOOL	27	SOCKET SCREWDRIVERS	40, 43
BODY AND FENDER DOLLIES	15	LEVELS	17	SOCKET SETS	42, 45, 48, 50
BODY AND FENDER HAMMERS	15	LUG WRENCHES	62	SOCKET WRENCHES	
BOX WRENCHES	57	MAGNETIC LEVEL	17	3/4" Drive	40
BOXES, TOOL	63, 64	MASON'S HAMMER	13	3/8" Drive	46
BRACES	4	MASONRY LEVEL	17	1/2" Drive	49
BRAKE BLEEDER WRENCH	62	MASONRY DRILLS	5	1" Drive	50
BRAKE GAUGE SET	12	METRIC MEASURE		Electric Socket Wrench	52
BRAKE PLIERS	25	Combination Wrenches	18	Impact	51, 52
BRAKE SPRING PLIERS	25	Sockets	18	Metric Size	18
BRAKE TOOLS	25, 62	Open End Wrenches	18	Power	51, 52
BRASS HAMMERS	14	MITRE BOXES	54	SOIL PIPE CHISELS	27
BRITISH STANDARD MEASURE		MUFFLER REMOVAL TOOL	61	SPARK PLUG GAUGE SET	12
Combination Wrenches	18	NAIL PULLER	3	SPARK PLUG SOCKET	46
Sockets	18	NAIL SETS	14	SPIRAL RATCHET SCREWDRIVERS	38
BUTT CHISEL	6	OBSTRUCTION WRENCHES	56	SPUD END WRENCHES	59
CALKERS	26	OIL FILTER REMOVAL TOOL	61	SQUARES	53
CHESTS, TOOL	63, 64	OVERHEAD VALVE ADJUSTER	61	STAR DRILLS	27
CHISEL AND PUNCH SETS	8, 9	PHILLIPS CROSS SLOT SCREWDRIVER		STARTER WRENCHES	61
CHISELS		Hand Drivers	37	STEEL TAPES	33
Butt Chisels	6	Socket Drivers	40, 43	STEERING WHEEL PULLERS	28
Cape Chisels	7	PIPE EXTRACTORS	11	STEP CUT FEELER GAUGES	12
Cold Chisels	7	PIPE REAMERS	27	STEP PLATES, PULLER ADAPTER	29
Diamond Point Chisels	7	PIPE WRENCHES	58	STRIKING WRENCHES	59
Rivet Shear Chisels	7	PISTON RING COMPRESSOR	60	STRUCTURAL WRENCHES	59
Round Nose Chisels	7	PITMAN ARM PRY BAR	60	STUD REMOVERS AND SETTERS	29
Wood Chisels	6	PLANES		TACK HAMMER	13
CLICK-STOP WRENCHES	55	Bench Planes	19	TAPE WRENCHES	11
CONCRETE GADS	27	Block Planes	19, 20	TAPE RULES, STEEL	33
CONNECTING ROD SOCKET	60	Jack Planes	19	TIN SNIPS	39
COUNTERSINKS	5	PLIERS	20-25	TIRE IRON	62
DISTRIBUTOR POINT SOCKET	60	PLUMB BOBS	16	TOOL BOXES—CABINETS—CHESTS	63, 64
DISTRIBUTOR WRENCH	61	PLUMBERS ALL STEEL CHISEL	6	TORQUE WRENCHES	41
DIVIDERS	24	PLUMBING TOOLS	26, 27	TUBE CUTTING AND FLARING KIT	27
DOLLIES, BODY AND FENDER	15	PLUMBER'S SPECIAL PLIERS	22	TUBING EXPANDERS	27
DRAG LINK ADJUSTER	47	POWER BIT SET	5	VALVE ADJUSTER	61
DRAG LINK SHOCK ARM TOOL	60	POWER BITS	5	VALVE GUIDE CLEANER	60
DRILL POINT SET	10	POWER SOCKETS	51, 52	VALVE LIFTER	60
DRILL POINTS	10	PULLER SETS	30, 31, 32	VICES	54
DRILLS		PULLERS		WHEEL ARBORS	46
Automatic Drills	10	Battery Terminal	28	WING DIVIDER	24
Hand Drills	10	Blind Bearing	31	WOOD CHISELS	
Masonry, Power	5	Steering Wheel	28	Butt Chisel	6
Star	27	Universal Wheel Hub	29	Plumber's All Steel Chisel	6
EXPANSIVE BITS	4	PUNCH AND CHISEL SETS	8, 9	Wood Chisels	6
EXTENSION BARS	41, 44, 47, 49, 50	PUNCHES	7, 8	WORK ARBORS	46
EXTENSION, BIT	4	RATCHETS	41, 44, 47, 49, 50	WRENCH SETS	58
EXTRACTORS		RATCHETING BOX WRENCHES	56	WRENCHES	
Screw	11	REED & PRINCE CROSS SLOT SCREWDRIVER	37	Adjustable	55, 56
Pipe	11	RIPPING CHISELS	3	Allen Head	43, 45, 47, 56
Stud	11	RIVET HEADER	3	Box	57
FEELER GAUGES	12	RIVET SHEAR CHISEL	7	Combination	57
FILES, BODY AND FENDER	14	RUBBER MALLETS	14	Click-Stop	55
FLARE NUT WRENCHES	37	RUBBER TIP MALLETS	14	Flare Nut	57
FLARING TOOL, TUBE	27	RULES		Midget	57
FORD FUEL FILTER WRENCH	61	Folding Wood, Steel Tapes	33	Obstruction	56
GADS, CONCRETE	27	SABRE SAW BLADES	35	Open End	57
GASKET SCRAPER	60	SANDERS	6	Pipe	58
GAUGE SETS	12			Ratcheting Box	56
GLASS CUTTERS	59			Spud End	59
GRINDING HEADS	39			Striking	59
				YARNING IRONS	26

Tool Number	Cat. Page	Tool Number	Cat. Page	Tool Number	Cat. Page
000A—000M	12	1222—1228	24	2500B—2500M	57
0015—020/22	12	1231	25	2512—2548	56
1	9	1234	21	2615—2650SW	59
2	8	1235	23	2700B—2700F	58
2A	9	1236—1245	22	2700M	18
3	8	1246	21	2706—2764	57
USA5	21	1248P—1248S	22	2710M—2722M	18
5-7/16—5/4	6	1250—1252A	25	2800B—2900H	58
6	9	1257	21	2808—2918	57
P6	21	1260	24	3000A—3000NR	45
6½—6%	27	1266—1272	23	3000M	18
7—8	9	1275—1280	21	3010—3022H	43
USA8	21	1281—1292R	20	3008M—3019M	18
9	8	1303L—1332	39	3008S—3016S	43
9A—10	7	1345—1361	35	3071—3072	44
USA10	21	1368—1419	14	3100A	45
11-3/16—11½	5	1421—1429	15	3112—3122H	43
12—12A	7	1430—1448	14	3202—3210	44
12½—12-1½	5	1452—1458	15	3211	43
13	7	1501—1509	14	3215—3230	44
13¼—13-1	27	1600—1601	53	3235—3246	43
14	7	1602—1605	16	3247—3260	44
14½—14¾	26	1606—1611	4	3290½—3324	43
15	7	1612—1635	5	3712—3728	57
EN16	52	1640	46	4000AB	32
17—21	7	1642—1644	4	4000D—4001W	29
21½	26	1647—1652	5	4010B—4021S	31
22—33	7	1653—1655	27	4022—4022TS	30
33½—033%	26	1656—1657	39	4025—4030B	31
34	7	1658—1659	46	4032—4034	28
034%	26	1660—1678B	6	4040—4040-14	29
37½—37¾	27	1679—1681	34	4041—4055R	28
40—53	7	1682—1683	10	4056—4071	30
58—67	8	1684—1685	6	4080—4080S	31
69	7	1688—1689	11	4100—4100A	28
70—76	8	1690—1694	16	4510—4534	29
84¾—84-1	27	1695—1697	17	4795	63
88	8	1698	22	4795P	42
91—92	7	1704—1720	56	4796	63
101—106	3	1704L—1720L	55	4977	56
107	26	1704S—1720S	56	4997	45
108	3	1704SL—1720SL	55	5206BS—5293	18
109—110	26	1725—1731	56	5296—5895	63
112	27	1806—1824HD	58	6000C—6000K	48
117—119	3	1901—1915B	10	6012—6032S	46
130—137	57	1920—1929	17	6071—6076	47
130¾—131¾	26	1930—1933	54	6100A	48
132L—132R	26	1935—1938	14	6116—6140	46
136¾—137¾	27	1940—1945	19	6202—6290%	47
140	26	1946—1948	20	6306—6371	41
140C—140D	58	1949—1962	33	6523—6539	60
140J—142S	26	1963A—1963SB	35	6540—6541	61
152—166	38	1966—1971B	34	6545—6546	60
0200A—0200FM	42	1973—1974B	36	6601—6735	61
0206—0245	40	1975—1982	38	7182P—7479	51
0246—0251	41	1985—1987	59	07509—07513	52
0252	42	1990—1992	53	07513SS	51
0253	41	1993	24	07514—07524L	52
0259	42	1994—1996	53	8008—8516R	13
0263—0265	41	1997—1999	54	8604—8632	14
0271—0280	42	2005—2010	62	8715—8719	16
207	62	2126—2130	3	8912—8924	13
230	3	2301	61	8954	14
349—351	27	2302	60	9071—9265	49
389—395	3	2303—2304	61	9300A—9300NR	50
400	38	2316—2337	60	9328—9376	49
402—483	37	2350A	62	9500A	11
500A	38	2401	9	9500B—9509	50
501—878	37	2402	8	9521—9529	11
D-0918	64	2403—2407	9	9537	49
924—952	59	2409	8	9552—9612	50
D-1113—D-1132	64	2410	58	9651—9855	38
1175—1176	62	2411	8	9974	51
1190—1196	56	2413—2416	58	9991	63
1200L—1200S	23	2418	57	10012—10040	52
1206BS—1212BS	18	2420	58	30607—32426	18
D-1216—D-1250	64	2425	57	HB1018F—HB1232T	35
1201—1203	21	2427—2428	58	HS24K—HS80M	36
1204—1209	23	2429	18	HSM2436K—HSM5280M	36
1215—1218	25	2430	38	HSM6D	36



When you have a prying or ripping job to do, you need strength and leverage. These P&C Bars and Ripping Chisels are made of special analysis steel, hot forged for toughness and scientifically heat treated for extra strength.

A LINING-UP BARS
Working easily for prying and aligning jobs. Prying end designed for optimum leverage, tapered end has long slim taper for increased utility.

No.	Stock Size	Length	Wt. Lbs.
101	1/2"	14"	.65
102	5/8"	18"	1.33
103	3/4"	24"	2.55
104	1 1/16"	30"	5.50

B ROLLING HEAD BARS
A functional design idea with a 90° rolling head. Just the thing for getting into tight places.

No.	Stock Size	Length	Wt. Lbs.
2126	1/2"	16"	.86
2130	5/8"	18"	1.62

C WRECKING BARS
Have long, fully polished chisel point on the pry end. Nail puller end has half polished, deep-bevel nail claw.

No.	Stock Size	Length	Wt. Lbs.
105	5/8"	18"	2.15
106	3/4"	24"	3.63
108	3/4"	30"	4.50

D RIPPING CHISEL
For use where the work is speeded by having the ripper and the nail puller on the same end. Has heat-treated shank end, fully polished chisel blade, dual nail slots.

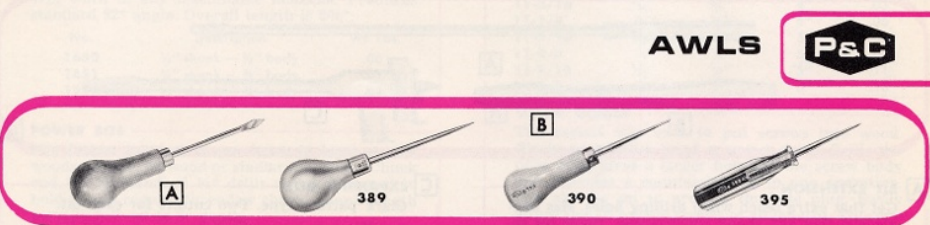
No.	Stock Size	Length	Wt. Lbs.
117	3/4"	18"	2.17

E OFFSET RIPPING CHISEL
The same as No. 117 plus additional advantage of a 90° offset claw. Heat treated to withstand hammering. Has triple nail slots.

No.	Stock Size	Length	Wt. Lbs.
118	3/4"	18"	2.48

F NAIL PULLER
Two or three blows of a hammer firmly seats this handy puller for the toughest of nail pulling jobs.

No.	Stock Size	Length	Wt. Lbs.
119	3/8"	10 1/2"	1.16



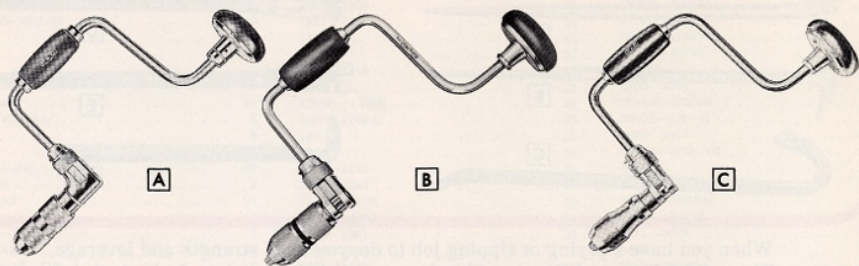
P&C Awls are designed for maximum utility. Points are of hardened steel to resist bending and hold the point. Handles are of highest grade hardwood or toughest plastic and are designed to fit the palm comfortably. Point and handle are bonded together for a lifetime of use.

A TIRE PRODDING AWL
Designed to remove imbedded particles from automobile tires without damaging the tube. Tapered blade spreads rubber.

No.	Length	Wt. Lbs.
230	7 1/4"	.10

B GENERAL PURPOSE AWLS
A variety of lengths and handle designs to choose from. Wooden handles have nickel plated ferrule for protection.

No.	Length	Wt. Lbs.
389	4 7/8"	.06
390	6 1/2"	.12
395	6 1/2"	.14



P&C Braces are designed to hold the bit securely, ratchet easily and get the hole making job done with the least effort. Handles are of rich hardwood properly seasoned.

A BOXED RATCHET

The most popular P&C Brace. Has fully enclosed ratcheting mechanism. Holds square and round shanks from $\frac{1}{8}$ " to $\frac{1}{2}$ " diameter. Has new self-centering chuck. All exposed parts nickel plated.

No.	Sweep	Wt. Lbs.
1606	10"	3.50

C ECONOMY RATCHET

Does a great job at a popular price. Has Barber chuck and a semi-boxed ratchet operated by a knurled ring shift that works easily.

No.	Sweep	Wt. Lbs.
1608	10"	2.31

B SEMI-BOXED RATCHET

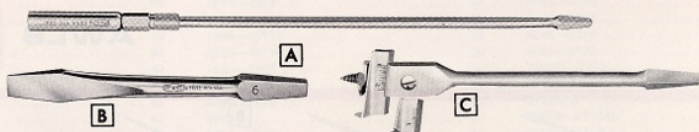
This P&C Brace has a Barber chuck with alligator jaws and a semi-boxed steel ratchet. Ratcheting mechanism is controlled by a knurled shifter ring. Head is ball bearing. Exposed parts nickel plated.

No.	Sweep	Wt. Lbs.
1607	10"	2.63

Over 17,000 stores display and sell P & C Tools from unique, eye-appealing Self Selling Merchandiser units. It's the easiest way ever devised to select the right tool needed for any job.



BITS AND ACCESSORIES

**A BIT EXTENSION**

Get that extra reach when drilling holes. Has one-piece socket and shank construction. Holds bit securely and fits chuck positively. Can be used with $11/16$ " bit or larger.

No.	Length	Wt. Lbs.
1644	18"	.81

B SCREWDRIVER BITS

The way to drive those tough screws quickly and easily. Hot forged from special steel, then hardened, tempered and polished. Blade tips are carefully engineered to fit the screw slot. Square shanks to fit securely in bit brace chuck. Overall length 5".

No.	Blade Width	Screw Size	Wt. Lbs.
1609	4/16"	6 to 8	.08
1610	5/16"	8 to 12	.10
1611	6/16"	12 to 16	.14

C EXPANSIVE BITS

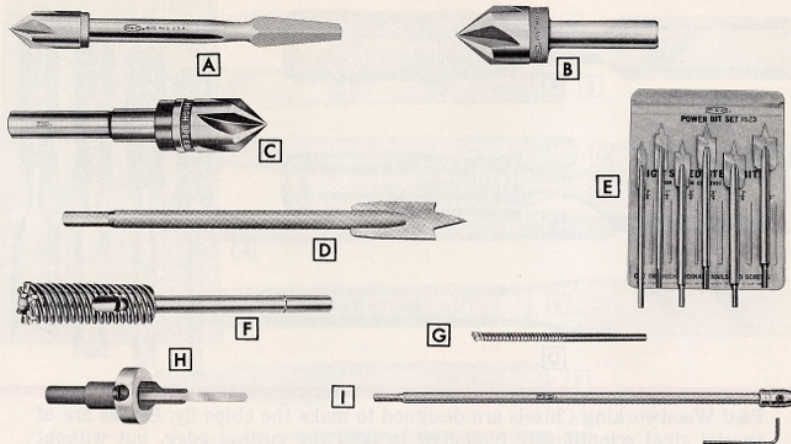
Clark pattern type. Two cutters for each bit.

No.	Capacity	Wt. Lbs.
1642	$\frac{1}{2}$ " - $1\frac{1}{2}$ "	.25
1643	$\frac{3}{8}$ " - 3"	.50

REPLACEMENT CUTTERS

No.	Capacity
1642A	$\frac{1}{2}$ " - $\frac{3}{8}$ "
1642B	$\frac{3}{8}$ " - $1\frac{1}{2}$ "
1643A	$\frac{3}{8}$ " - $1\frac{3}{4}$ "
1643B	$1\frac{3}{4}$ " - 3"

Every P & C Tool is GUARANTEED against defects in workmanship or materials. You can buy P & C with confidence.



A COUNTERSINKS

Do a fast and clean job in wood, non-ferrous metals and even mild steel. Give an 82° countersink that fits the screwhead perfectly. Overall length 4¼".

No.	Diameter	Wt. Lbs.
1648	½"	.10
1649	¾"	.15

B COUNTERSINK — STRAIGHT SHANK

Fits drill presses and hand drills. Does a smooth countersinking job in mild steel, non-ferrous metals, wood, etc. Countersinks at 82° angle.

No.	Description	Wt. Lbs.
1647	¼" shank — ½" body	.04

C COUNTERSINK — HIGH SPEED

Will work in any machinable material. Produces standard 82° angle. Overall length is 2¾".

No.	Description	Wt. Lbs.
1650	¼" shank — ½" body	.06
1651	¼" shank — ¾" body	.09
1652	¼" shank — ¾" body	.12

D POWER BITS

The fastest way yet to put holes in hard or soft woods, plastic, plywood or similar materials. Chuck end fits all standard ¼" drills and is flattened to hold fast in regular three-jaw chuck. Shank length permits full cut to 5" depth.

No.	Hole Diameter	Shank Diameter	Wt. Lbs.
1612	¾"	¼"	.10
1613	½"	¼"	.10
1614	¾"	⅜"	.13
1615	¾"	⅜"	.15
1616	¾"	¾"	.17
1617	1"	¾"	.19

E POWER BIT SET

All the above sizes of Power Bits in a handy plastic carrying roll. With this set you will always have the bit you need for fast hole drilling in all materials.

No.	Description	Wt. Lbs.
1625-B	Set of 6 Power Bits	.88

MASONRY DRILLS — CARBIDE POWER TYPE

For fast, accurate drilling of concrete, tile, brick, slate, marble, rock, stone, plastic, glass, steel, plaster, asphalt, micarta, etc. Sharp tungsten carbide cutters and three or more spirals.

F HOLLOW CORE TYPE

No.	Hole Size	Shank Diameter	Overall Length	Wt. Lbs.
12-5/8	¾"	¾"	8"	.24
12-3/4	¾"	¾"	8½"	.32
12-7/8	¾"	½"	9"	.54
12-1	1"	½"	9"	.60
12-1-1/8	1½"	½"	10"	.78

G SOLID SHAFT TYPE

No.	Hole Size	Shank Diameter	Overall Length	Wt. Lbs.
11-3/16	¾"	¾"	4"	.03
11-1/4	¾"	¼"	5"	.06
11-5/16	¾"	¼"	5"	.06
11-3/8	¾"	¾"	5"	.09
11-7/16	¾"	¼"	5"	.11
11-1/2	¾"	¼"	6"	.18

H SCREW GUIDES

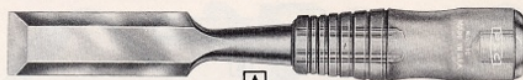
The easiest way ever to put screws into wood. Works with either hand or power drills. Drills the pilot hole, gives a larger hole for the screw body and provides a countersink all in one operation. Can also be set to provide for hole plug. Easily adjustable to handle screws of all lengths. This one tool replaces a whole set of other makes that do this job with less efficiency.

No.	Size Screw Handled	Wt. Lbs.
1630	#6 (also 5 and 7)	.12
1631	#8 (also 7 and 9)	.12
1632	#10 (also 9 and 11)	.12
1633	#12 (also 11 and 13)	.12

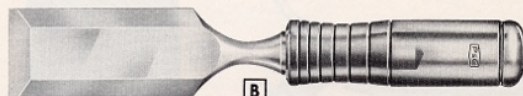
I POWER BIT EXTENSION

Gives real long reach when used with P&C Power Bits (Nos. 1612 to 1617). Takes all sizes and will "follow through" when used with ¾" or larger. Comes with hex key.

No.	Length	Wt. Lbs.
1635	12"	.53



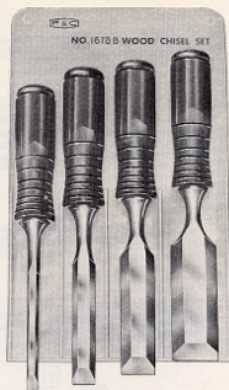
A



B



D



C

P&C Woodworking Chisels are designed to make the chips fly. Blades are of special steel scientifically tempered to hold the cutting edge, but without being brittle. Blades and tang are forged from a single piece of steel to give lasting strength. Handles are of tough plastic that will take years of pounding. Forged shoulder at base of handle prevents tang being driven into handle.

A BUTT CHISELS

Designed for heavy duty use. Tapered blade is 3" long and highly polished to resist rust. Cutting edge is scientifically ground for maximum ease of use. Tough "Tenite" handle has steel cap that gives a positive driving surface. Overall length 8½".

No.	Cut	Wt. Lbs.
1660	¾"	.38
1662	½"	.44
1664	¾"	.56
1665	1"	.56
1666	1¼"	.63
1667	1½"	.75

B WOOD CHISELS

A quality chisel specially designed for those who prefer a shorter, well balanced tool. Blade and bolster is hot forged in one piece from special high-carbon chisel steel. Heavy bolsters give real protection to the handle even under hardest useage. Blade is 2½" long for all widths. Overall length 7".

No.	Cut	Wt. Lbs.
1670	¼"	.19
1672	½"	.23
1674	¾"	.27

B WOOD CHISELS — Continued

No.	Cut	Wt. Lbs.
1675	1"	.29
1676	1¼"	.33
1677	1½"	.38

C NO. 1678-B WOOD CHISEL SET

A popular set of four wood chisels in a handy plastic carrying case. Sizes show clearly. Chisels are 2½" blade length in ¼", ½", ¾" and 1" sizes.

Set includes one each of the following:

Nos. 1670, 1672, 1674, 1675 Wt. 1.00 Lbs.

D PLUMBERS' ALL STEEL CHISELS

A favorite of plumbers because they can put them to the toughest useage. Made of special alloy chisel steel. Generous overall length to reach into hard-to-get-at spots.

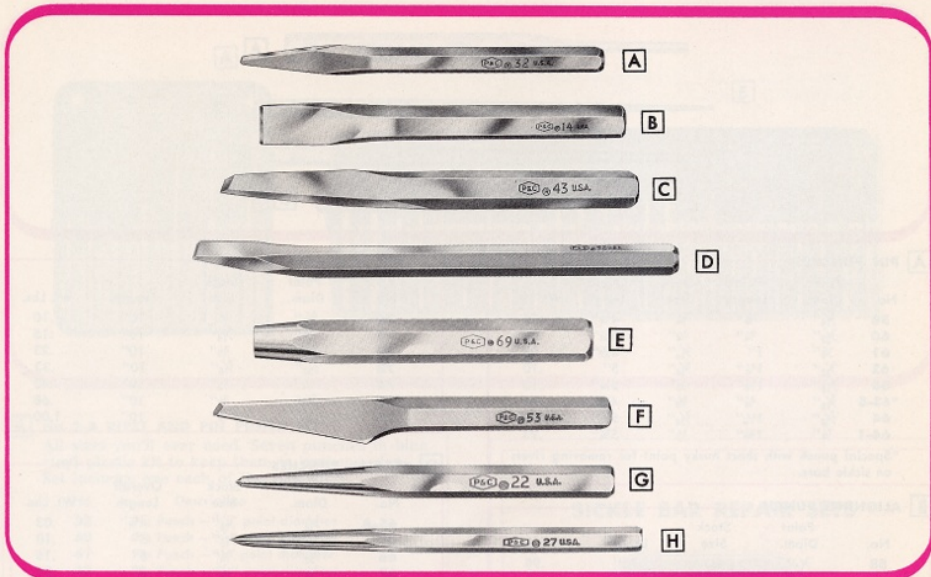
No.	Cut	Stock	Blade Length	Overall Length	Wt. Lbs.
5-7/16	¾"	¾"	3¼"	9½"	.40
5-1/2	¾"	½"	3½"	9¾"	.50
5-5/8	1"	¾"	3¾"	10"	.70
5-3/4	1¼"	¾"	4"	10½"	1.00

For a Complete Listing of P&C Quality
PLUMBER TOOLS see Pages 26 and 27

HAND SANDERS**HAND SANDERS — PERMANENT TYPE**

This is the sander that has made sandpaper old fashioned. With normal use, these sanders made of tough, diamond-hard tungsten permanently welded to a tough steel back, will last a lifetime. Positively will not wrinkle, shred or tear. Each sander is complete and ready to use. Includes hand contoured wooden block (size 2¾" x 5½") with ½" felt to cushion the steel abrasive sheet. Available in two grits.

No.	Grit	Wt. Lbs.
1684	Fine (150)	.30
1685	Medium (80)	.30



Designed to do their job with speed and efficiency, P&C Chisels and Punches are the best money can buy. Made of special analysis alloy steel, hammer forged for toughness. Cutting bevels are carefully engineered to give lasting efficiency. Every tool is scientifically heat treated to proper temper for maximum edge holding. Heads beveled to prevent mushrooming. Finished in attractive grey satin, sandblasted and lacquer dipped to resist rust.

A CAPE CHISELS

No.	Cut	Stock	Length	Wt. Lbs.
30	3/8"	1/4"	4 1/2"	.08
31	1/2"	5/16"	5 1/4"	.13
32	5/16"	3/8"	5 3/4"	.18
33	3/8"	1/2"	6 1/4"	.30
34	7/16"	3/8"	7"	.45

B COLD CHISELS

No.	Cut	Stock	Length	Wt. Lbs.
9-A	1/8"	3/16"	4 7/8"	.04
10	3/16"	1/4"	5 1/8"	.08
11	3/8"	3/16"	5 3/8"	.13
12	1/2"	3/8"	5 1/2"	.18
12-A	1/2"	3/16"	6"	.26
13	5/8"	1/2"	6 5/8"	.37
14	3/4"	5/8"	7"	.53
15	7/8"	3/4"	8"	.90
17	7/8"	3/4"	12"	1.43
17-A	1"	13/16"	8"	1.16
18	1"	13/16"	12"	1.85
19	1 1/8"	15/16"	12"	2.35

C DIAMOND POINT CHISELS

No.	Cut	Stock	Length	Wt. Lbs.
40	5/32"	1/4"	4 1/2"	.07
41	3/16"	5/16"	5"	.13
42	7/32"	3/8"	5 1/2"	.18
43	9/32"	1/2"	6"	.33

D RIVET SHEAR CHISELS

No.	Cut	Stock	Length	Wt. Lbs.
91	3/4"	3/8"	6"	.45
92	7/8"	3/4"	12"	1.40

E RIVET HEADER
For forming round uniform heads.

No.	Point Diam.	Stock Size	Length	Wt. Lbs.
69	7/16"	3/8"	5"	.40

F ROUND NOSE CHISELS

No.	Cut	Stock	Length	Wt. Lbs.
50	3/32"	1/4"	4 1/2"	.06
51	5/32"	5/16"	5 1/4"	.11
52	3/16"	3/8"	5 3/4"	.15
53	1/4"	1/2"	6 1/4"	.30

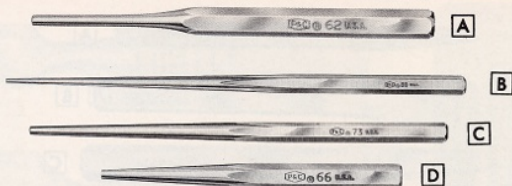
G CENTER PUNCHES

No.	Stock Size	Length	Wt. Lbs.
20	3/4"	4"	.05
21	5/8"	4 1/2"	.10
22	3/8"	4 3/4"	.15
22-A	7/16"	4 3/8"	.19
23	1/2"	5"	.25
24	3/8"	6"	.45

H PRICK PUNCHES

No.	Stock Size	Length	Wt. Lbs.
27	1/4"	4 1/2"	.08
28	5/16"	5"	.10
29	3/8"	5 1/2"	.15

All P & C Tools are size marked to speed use on the job.

**A PIN PUNCHES**

No.	Point Diam.	Point Length	Stock Size	Overall Length	Wt. Lbs.
58	3/16"	3/4"	1/4"	4 1/4"	.05
60	3/32"	3/4"	1/4"	4 1/4"	.05
61	1/8"	1"	3/8"	4 1/2"	.08
62	3/32"	1 1/4"	3/8"	5"	.10
63	3/16"	1 3/8"	3/8"	5 1/4"	.13
63-5	3/16"	3/4"	3/8"	4 3/4"	.11
64	3/32"	1 1/2"	7/8"	5 1/2"	.18
64-1	1/4"	1 3/8"	1/2"	5 3/4"	.23

*Special punch with short husky point for removing rivets on sickle bars.

C DRIFT PUNCHES

No.	Point Diam.	Stock Size	Length	Wt. Lbs.
70	3/32"	3/8"	10"	.10
71	1/8"	5/16"	10"	.15
72	3/16"	3/8"	10"	.23
73	7/32"	7/16"	10"	.33
74	1/4"	1/2"	10"	.43
75	5/16"	5/8"	10"	.68
76	3/8"	3/4"	10"	1.00

B ALIGNING PUNCH

No.	Point Diam.	Stock Size	Length	Wt. Lbs.
88	3/16"	5/8"	16"	.98

D STARTER PUNCHES

No.	Point Diam.	Stock Size	Overall Length	Wt. Lbs.
65-A	1/16"	3/16"	4 1/4"	.03
65	1/8"	3/16"	5"	.10
66	3/32"	3/8"	5"	.15
67	3/16"	1/2"	5"	.25

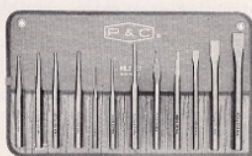
CHISEL AND PUNCH SETS



A



B



C

A No. 9 UTILITY SET

Supplies the three most used punch and chisel items in a handy, hang-up plastic case of attractive blue vinyl.

Set includes one each of the following:

No.	Description	Wt.
12	Cold Chisel — 3/16" cut	.45 Lbs.
22	Center Punch — 3/8" stock size	
66	Starter Punch — 3/32" point diameter 2 3/8" point length	
2409	Plastic Kit	

B No. 3 PUNCH AND CHISEL SET

Contains center, pin and starter punches, plus cold chisels. Many uses for this handy set.

Set includes one each of the following:

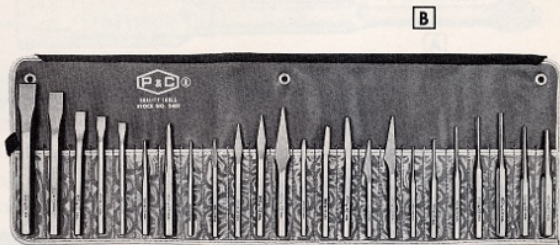
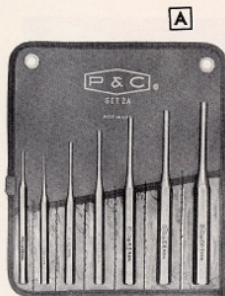
No.	Description	Wt.
22	Center Punch — 3/8" stock size	.95 Lbs.
61	Pin Punch — 1/8" point diameter 1" point length	
63	Pin Punch — 3/16" point diameter 1 3/8" point length	
65	Starter Punch — 1/8" point diameter 2 1/4" point length	
13	Cold Chisel — 5/8" cut size	
2411	Plastic Kit	

C No. 2 POPULAR SET

Contains twelve punches and chisels used by master mechanics everywhere. Conveniently arranged in attractive blue vinyl case.

Set includes one each of the following:

No.	Description	Wt.
22	Center Punch — 3/8" stock size	1.55 Lbs.
60	Pin Punch — 3/32" point diameter 3/4" point length	
61	Pin Punch — 1/8" point diameter 1" point length	
63	Pin Punch — 3/16" point diameter 1 3/8" point length	
65-A	Starter Punch — 3/16" point diameter 3/8" stock size	
65	Starter Punch — 1/8" point diameter 2 1/4" point length	
66	Starter Punch — 3/32" point diameter 2 3/8" point length	
31	Cape Chisel — 1/4" cut size	
41	Diamond Point Chisel — 3/16" cut size	
10	Cold Chisel — 3/8" cut size	
12	Cold Chisel — 1/4" cut size	
12-A	Cold Chisel — 1/2" cut size	
2402	Plastic Kit (12 pocket)	

**A No. 2-A RIVET AND PIN PUNCH SET**

All sizes you'll ever need. Seven punches in blue vinyl plastic kit to keep them in proper order. Set includes one each of the following:

No.	Description
58	Pin Punch — $\frac{1}{16}$ " point diameter
60	Pin Punch — $\frac{3}{32}$ " point diameter
61	Pin Punch — $\frac{1}{8}$ " point diameter
62	Pin Punch — $\frac{5}{32}$ " point diameter
63	Pin Punch — $\frac{3}{16}$ " point diameter
64	Pin Punch — $\frac{7}{32}$ " point diameter
64-1	Pin Punch — $\frac{1}{4}$ " point diameter
2403	Plastic Kit (7 pocket) Wt. 1.10 Lbs.

B No. 1 MASTER SET — 24 PIECES

Includes every punch and chisel you'll need for the majority of jobs. And they're all organized in a handy plastic, easy-visibility case to make selection easier and to protect every tool. Set includes one each of the following:

No.	Description
10	Cold Chisel — $\frac{5}{16}$ " cut
11	Cold Chisel — $\frac{3}{8}$ " cut
12	Cold Chisel — $\frac{1}{2}$ " cut
13	Cold Chisel — $\frac{5}{8}$ " cut
14	Cold Chisel — $\frac{3}{4}$ " cut
30	Cape Chisel — $\frac{3}{16}$ " cut
31	Cape Chisel — $\frac{1}{4}$ " cut
32	Cape Chisel — $\frac{3}{8}$ " cut
33	Cape Chisel — $\frac{1}{2}$ " cut
40	Diamond Chisel — $\frac{5}{32}$ " cut
41	Diamond Chisel — $\frac{3}{16}$ " cut
42	Diamond Chisel — $\frac{1}{2}$ " cut
50	Round Nose Chisel — $\frac{3}{32}$ " cut
52	Round Nose Chisel — $\frac{1}{8}$ " cut
21	Center Punch — $\frac{3}{16}$ " stock
23	Center Punch — $\frac{1}{2}$ " stock
27	Prick Punch — $\frac{1}{4}$ " stock
60	Pin Punch — $\frac{3}{32}$ " point diameter $\frac{3}{4}$ " point length
61	Pin Punch — $\frac{1}{8}$ " point diameter 1" point length
62	Pin Punch — $\frac{5}{32}$ " point diameter 1 $\frac{1}{4}$ " point length
63	Pin Punch — $\frac{3}{16}$ " point diameter 1 $\frac{3}{8}$ " point length
64	Pin Punch — $\frac{7}{32}$ " point diameter 1 $\frac{1}{2}$ " point length
66	Starter Punch — $\frac{3}{32}$ " point diameter 2 $\frac{3}{8}$ " point length
67	Starter Punch — $\frac{1}{16}$ " point diameter 2 $\frac{3}{8}$ " point length
2401	Plastic Kit Wt. 3.80 Lbs.

SICKLE BAR REPAIR SETS**SET No. 6**

Here are three chisel and punch sets specifically designed to repair knife sections and ledger plates on harvesting equipment. Each does the job quickly and easily, saves important production time. Come in handy plastic kit.

Sets are made up from the following:

No. 63-5 PIN PUNCH

Designed for driving out rivets. Short and husky yet long enough to reach through ledger plate and guard.

No. 67 STARTER PUNCH

For breaking loose ledger plate rivets.

No. 69 RIVET HEADER

For knife section rivets. Forms round, uniform head.

No. 91 RIVET SHEAR

For cutting section rivets.

SET No. 6

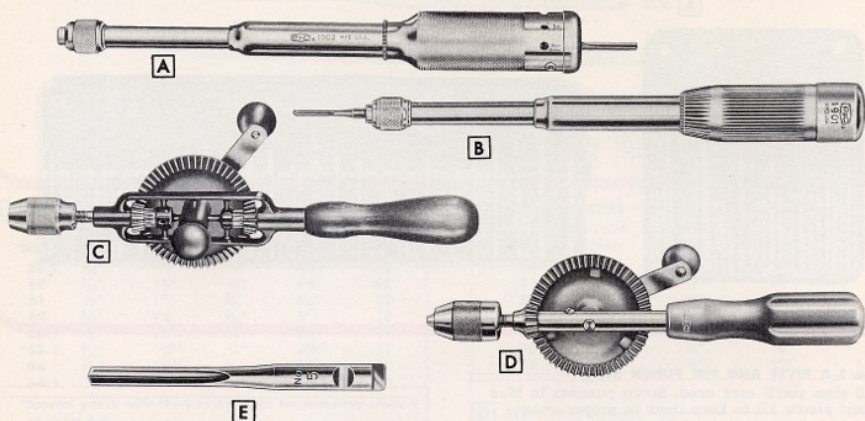
Includes one each of Nos. 63-S, 67, 69 and Plastic Kit No. 2406.

SET No. 7

Includes one each of Nos. 63-S, 67, 69, 91 and Plastic Kit No. 2407.

SET No. 8

Includes one each of Nos. 63-S, 69, 91 and Plastic Kit No. 2406.



Under the P&C label you find the most popular and usable drills in both the hand and automatic push type. It is easy to select the one best suited for the job at hand. Each drill is engineered with care. The chucks, gears, pinions, cranks and handles all combine to make for ease in use and speed in getting the job done.

A DELUXE AUTOMATIC PUSH DRILL

This is a smooth working all metal drill with years of built-in useage. Constructed of hollow brass tubes with a machined spiral running through a hard bronze center nut. Has quick-action chuck released by a slight forward pressure of the thumb. Hand-easy handle has interior drill storage for eight drill points and is indexed. Drill is finished in polished and buffed nickel. Comes complete with eight drill points in sizes from 1/16" to 11/64".

No.	Length	Wt. Lbs.
1902	10"	.63

B POPULAR AUTOMATIC PUSH DRILL

Works easily and smoothly. Has new quick-action chuck that locks or releases drills with a slight thumb pressure. The plastic handle of unbreakable Tenite II has four interior compartments for handy drill storage. Cap is of polished aluminum that fits the palm of the hand. Comes with four drills in sizes 5/64", 7/64", 9/64" and 11/64".

No.	Length	Wt. Lbs.
1901	10"	.50

C SUPERIOR HAND DRILL

This is a sturdy, double pinion hand drill that works smoothly and without jerks or jamming. Hardwood crank and handle are easy to hang on to. Extra handle at crank shaft adds to versatility. Frame is of sturdy, die-cast zinc. Pinions are of steel. Three-jawed chuck with protected springs holds drills up to 1/4". All metal parts nicked to resist rust.

No.	Capacity	Length	Wt. Lbs.
1683	0 to 1/4"	12 1/2"	1.75

D POPULAR HAND DRILL

A solid steel frame drill with dependable service built into it. Solid steel pinion and machine-cut teeth for smoother operation. Handles are easy on the hands and are of selected hardwood. Three-jawed chuck handles round shanked drills between 0 to 1/4".

No.	Capacity	Length	Wt. Lbs.
1682	0 to 1/4"	11"	1.38

E DRILL POINTS

Designed to drill clean holes with ease in wood, soft metal, plastic, wallboard and many other materials. Made of top grade tool steel carefully shaped and sharpened then hardened and tempered. Shank has milled base that gives positive fit in the bottom of the chuck. Notch locks drill in place. Can also be used in standard hand drills.

No.	Size
1905	1/16"
1906	3/64"
1907	1/32"
1908	7/64"
1909	1/8"
1910	3/64"
1911	5/32"
1912	11/64"

DRILL POINT SET

A complete set of the eight sizes listed above in a screw-capped plastic vial. One of each size for handy useage.

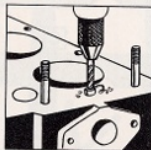
No.	Wt. Lbs.
1915B	.06



FOR REMOVING SCREWS, BOLTS, STUDS, PIPE

P&C Extractors are of a unique design that makes removing broken bolts, screws and studs faster and easier. Just these three simple steps:

Works on either right or left threads. Drill size clearly marked on each tool. Made of toughest, special alloy steel with sharp fluted edges that gives a positive bite. Gradual taper prevents wedging and binding. Even if the pilot hole is drilled clear through this extractor will not chew up the object as other extractors do. Sizes available to meet all needs.



(1) Drill hole to size specified

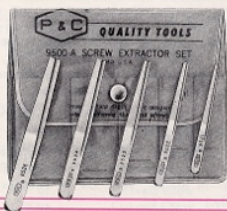


(2) Drive in P&C Extractor

(3) Turn out broken object

No.	Drill Size	Minimum Depth of Hole	Size of Shank	U.S.S. Screw Stud or Bolt Size	Pipe Size	Overall Length	Wt. Lbs.
9521	3/8"	3/8"	3/16"	1/4, 3/16"	...	2 3/8"	.01
9522	3/16"	1/2"	3/16"	3/8"	...	2 3/8"	.02
*9523	1 5/64"	1/2"	1/4"	7/16"	1/8"	2 3/8"	.04
9524	5/16"	1/2"	3/16"	1/2, 3/16"	1/4"	3"	.06
9525	3/8"	3/8"	3/8"	3/8"	3/8"	3 1/4"	.10
9525B	1 5/32"	1 1/16"	7/16"	3/4"	...	3 7/8"	.17
9526	5/16"	1 1/16"	1/2"	3/8"	1/2"	4 1/2"	.23
9527	2 1/32"	3/4"	3/8"	1, 1 1/8"	1/2"	4 7/8"	.40
9528	1 3/16"	3/4"	3/4"	1 1/4, 1 3/8"	3/4"	5 3/8"	.65
9529	1 1/16"	3/4"	1"	1 1/2"	1"	5 1/2"	1.12

*For broken Alemite fittings.



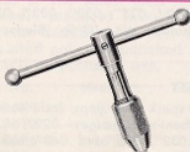
SCREW EXTRACTOR SET

No. 9500-A

The five most used screw extractors in a handy, see-through plastic kit of tough and lasting vinyl. Set includes one each of the following extractors:

Numbers 9521, 9522, 9523, 9524, 9525 Weight .26 Lb.

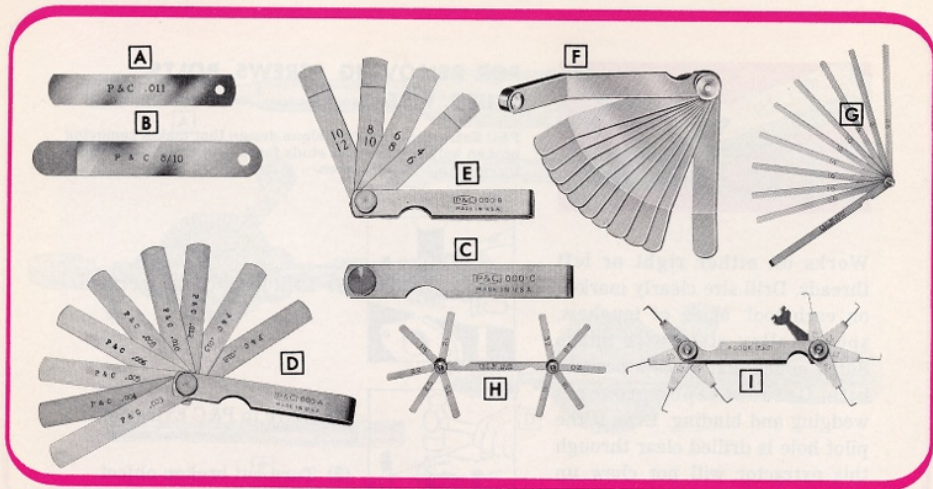
FOR STUD REMOVERS SEE PAGE 29



TAP WRENCHES

Handy for holding drills, reamers and other small tools in addition to taps. Knurled chuck shell adjusts easily. Chuck provides a firm grip even when only a small bite is taken. Handle slides for use in tight places.

No.	Handle	Capacity	Wt. Lbs.
1688	3 1/4"	3/16" - 7/32"	.15
1689	5 3/4"	1/4" - 1/2"	.63



Accuracy, flexibility and careful heat treating that assures long life . . . these are the reasons P&C Feeler Gauges are so popular everywhere.

Note: Tool numbers on individual gauges also indicate the gauge thickness in thousands of an inch.

A SHORT BLADES

½" wide, 3" long.

No.	Wt. Lbs.	No.	Wt. Lbs.	No.	Wt. Lbs.
0015	.001	010	.005	019	.009
002	.001	011	.005	020	.010
003	.002	012	.005	022	.011
004	.002	013	.006	025	.012
005	.003	014	.006	030	.013
006	.003	015	.007	032	.015
007	.004	016	.008	035	.016
008	.004	017	.008	040	.017
009	.004	018	.009		

LONG BLADES

½" wide, 12" long.

No.	Wt. Lbs.	No.	Wt. Lbs.	No.	Wt. Lbs.
0015-L	.002	013-L	.023	025-L	.040
002-L	.004	014-L	.023	026-L	.041
003-L	.006	015-L	.027	027-L	.043
004-L	.008	016-L	.027	028-L	.046
005-L	.009	017-L	.028	030-L	.050
006-L	.012	018-L	.030	032-L	.054
008-L	.016	019-L	.031	035-L	.057
010-L	.019	020-L	.032	040-L	.070
011-L	.019	021-L	.035		
012-L	.021	022-L	.036		

B STEP-CUT FEELER GAUGES

"Go" and "no-go" gauges, with two different thicknesses on each blade, ½" wide, 3¼" long.

No.	Wt. Lbs.	No.	Wt. Lbs.	No.	Wt. Lbs.
004/6	.002	010/12	.006	016/18	.008
005/7	.003	011/13	.007	017/19	.009
006/8	.003	012/14	.007	018/20	.009
007/9	.004	013/15	.007	019/21	.010
008/10	.004	014/16	.007	020/22	.010
009/11	.004	015/17	.008		

C FEELER GAUGE HOLDER

No. 000-C. For 3" or 3¼" feeler gauge blades. Holds all available sizes. Wt., .05 lb.

D STANDARD FEELER GAUGE SET

No. 000-A. Nine short blades—003, 004, 005, 006, 008, 010, 012, 015 and 018—in 000-C holder. Wt., .09 lb.

MASTER FEELER GAUGE SET

No. 000-AA. 25 short blades 0015 through 040 except 019 in 000-C holder. Wt., .19 lb.

E STEP-CUT GAUGE SET

No. 000-B. Four gauges—004/6, 006/8, 008/10 and 010/12—in 000-C holder. Wt., .06 lb.

MASTER STEP-CUT SET

No. 000-BB. Master set with eight gauges—004/6 through 011/13—in 000-C holder. Wt., .08 lb.

F BENT GAUGE SET

No. 000-M. Eleven ½" by 4¾" bent blades—.006", .008", .010", .011", .012", .013", .014", .015", .018", .019" and .020"—in holder and plastic pouch. Wt., .15 lb. (Blades not sold separately.)

G BRAKE GAUGE SET

No. 000-E. Nine ¾" wide by 4" long blades—.006", .008", .010", .012", .014", .016", .018", .020" and .025" thick—in holder. Wt., .04 lb. (Blades not sold separately.)

H IGNITION GAUGE SET

No. 000-D. Ten ¾" wide by 1½" long blades—.013", .015", .017", .018", .020", .025", .030", .032", .035", and .040" thick—in holder. Wt., .03 lb. (Blades not sold separately.)

I SPARK PLUG GAUGE SET

No. 000-K. For checking spark plug gaps, includes electrode bender. Eight bent-wire gauges—.022", .025", .027", .028", .030", .032", .035" and .040" thick—in holder. Wt., .06 lb. (Gauges not sold separately.)



Under the P&C label you will find a wide variety and the finest grade of hammers available anywhere. All are designed with care and manufactured under the most rigid inspection system to assure the finest hammers money can buy. Heads are forged from special analysis steels, hardened and tempered for long years of tough usage.

A HICKORY HANDLE — PREMIER SERIES

Finest quality and appearance. Beautifully polished head with octagon neck. Fire hardened handle, straight grained in distinctive P&C oval shape.

No.	Head Wt.	Description	Wt. Lbs.
8516	16 oz.	Curved Claw	1.45
8516-R	16 oz.	Ripping Claw	1.45

HICKORY HANDLE — COMMANDER SERIES

Designed for the discriminating "Do-it-yourselfer" and professional carpenter. Oval fire-hardened handle that stays tight.

No.	Head Wt.	Description	Wt. Lbs.
8313	13 oz.	Curved Claw	1.20
8316	16 oz.	Curved Claw	1.45
8316-R	16 oz.	Ripping Claw	1.45

HICKORY HANDLE — ROYAL SERIES

Drop forged with octagon neck. Polished face and back of claw. Particularly designed for today's competitive market. Oval, fire-hardened handle.

No.	Head Wt.	Description	Wt. Lbs.
8216	16 oz.	Curved Claw	1.45

HICKORY HANDLE — CROWN SERIES

Black finish on heads with polished face and back of claw. Exceptional quality in the low price field.

No.	Head Wt.	Description	Wt. Lbs.
8170	7 oz.	Curved Claw	.65
8167	16 oz.	Curved Claw	1.45

B TUBULAR STEEL HANDLE — COMMANDER SERIES

This is the finest nail hammer money can buy. Handle made of tubular steel with non-slip neoprene handle. Has bell face design with black painted poll and polished face and side. A beauty you'll be proud to use.

No.	Head Wt.	Description	Wt. Lbs.
8413	13 oz.	Curved Claw	1.25
8416	16 oz.	Curved Claw	1.58
8416-R	16 oz.	Ripping Claw	1.58
8420	20 oz.	Curved Claw	1.83

C TUBULAR STEEL HANDLE — ROYAL SERIES

A bell-faced tubular steel hammer for the economy-minded. Of finest grade steel and well balanced.

No.	Head Wt.	Description	Wt. Lbs.
8466	16 oz.	Curved Claw	1.58

D TACK HAMMER

Well balanced and strong magnet head that holds its magnetism. Solid hickory handle.

No.	Head Wt.	Description	Wt. Lbs.
8008	5 oz.	Magnetic Head	.41

E BRICK MASON'S HAMMERS

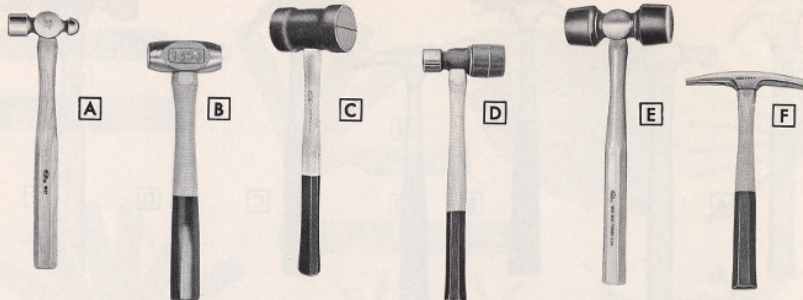
Perfect balance and proper wrist radius prevents straining. Chipping and cutting made easy with sharp, hardened chipper end.

No.	Head Wt.	Length of Head	Wt. Lbs.
8912	10-oz. Tile Setter	6"	.77
8920	1 1/4 lbs.	7 1/4"	1.35
8924	1 1/2 lbs.	8 1/2"	2.00

REPLACEMENT HANDLES FOR HAMMERS

Shaped for an exact fit. Made of the best grade, fine grain hickory.

For Hammer No.	Use Handle No.
1368	1368-H
1430	1430-H
1448	1448-H
8167	8167-H
8170	8170-H
8216	8316-H
8313	8313-H
8316	8316-H
8316-R	8316-H
8516	8316-H
8516-R	8316-H
8604	8604-H
8608	8608-H
8612	8612-H
8616	8616-H
8624	8624-H
8632	8632-H
8954	8954-H

**A BALL PEIN HAMMERS**

Distinctive octagon handle is easy to grip. Made of genuine hickory with white lacquer finish. Drop-forged head has major surfaces highly polished.

No.	Head Wt.	Length	Wt. Lbs.
8604	4 oz.	11½"	.45
8608	8 oz.	12½"	.70
8612	12 oz.	13½"	1.10
8616	1 lb.	14"	1.40
8624	1½ lbs.	15"	2.00
8632	2 lbs.	16"	2.50

B BRASS HAMMER

This is a 1½-lb. head, all-purpose non-marring hammer for bushings, gears, transmission work, etc. Tapered head for good clearance also minimizes mushrooming.

No.	Wt. Lbs.
1430	1.84

C RUBBER MALLET

Head of soft but tough, non-flaking neoprene. Just the thing to use in garages, service stations, cabinet shops and the like. Head has hour-glass design with 2½" faces.

No.	Wt. Lbs.
1368	1.46

D TWO-WAY HAMMER

Forged steel head and replaceable rubber head. Ideal for mounting tires, drawing rivets and many other jobs. No. 1448-B spare rubber head available.

No.	Wt. Lbs.
1448	2.60
1448-B (Replacement rubber tip)	

E RUBBER-TIP MALLET

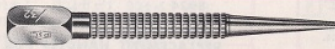
A forged steel head mallet with replaceable rubber tips. For use where a metal hammer would cause damage. Ideal for heavy tire work on autos, trucks and tractors. Two-inch rubber tips and selected hickory handle. Replacement tips available.

No.	Wt. Lbs.
8954	1.50
8954-B (Replacement rubber tip)	

F UPHOLSTERER'S HAMMER

Magnetic type. Has long reach and convenient head radii coordinated with natural swing. A truly quality hammer designed and built for the professional upholsterer.

No.	Wt. Lbs.
1419	.57

NAIL SETS

The choice of the finest cabinet makers. Made of molybdenum steel carefully heat treated. Points are cupped to work better. Body is deep knurled to prevent slipping. Head is square to prevent rolling and beveled to stop mushrooming.

No.	Point Diam.	Body	Length	Wt. Lbs.
1935	1/32"	5/16"	4"	.09
1936	2/32"	5/16"	4"	.09
1937	3/32"	5/16"	4"	.09
1938	4/32"	5/16"	4"	.09

BODY AND FENDER FILES**ADJUSTABLE FILE HOLDER**

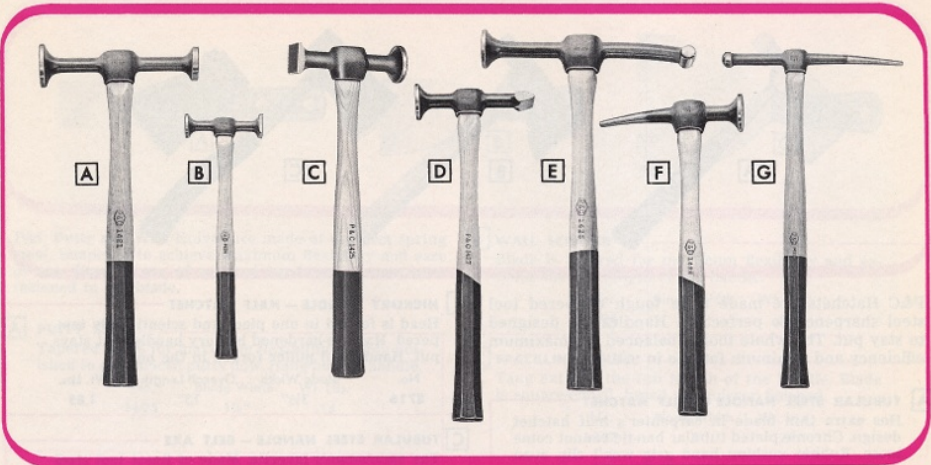
Made of aluminum, this fender file holder is light but strong. Simple adjustment makes file convex, concave or flat. For use with P&C 1501 File. File not included.

No.	Length	Wt. Lbs.
1509	16"	1.86

**FLEXIBLE FLAT STRAIGHT FILE**

Fast cutting type for all kinds of body, fender and sheet metal work. Has curved teeth on both sides, seven teeth to inch. Use with P&C 1509 Holder.

No.	Length	Width	Wt. Lbs.
1501	14"	1¾"	.70



You will find P&C Hammers in the finest shops. They are forged from the finest special steels and designed to get the repair job done in the most workmanlike manner. Head and handle are balanced for fatigueless use. Tough hickory handles are firmly fixed.

A DINGING HAMMER

Has large face for roughing the bad ones into shape for finishing. Has slightly crowned $1\frac{1}{4}$ " and $1\frac{5}{8}$ " diameter round faces. Head is 6" long.

No.	Wt. Lbs.
1421	1.00

B FINISHING HAMMER

Light in weight and perfectly balanced. Has slightly crowned $1\frac{1}{4}$ " diameter round face and a $1-1/16$ " square face.

No.	Wt. Lbs.
1424	.64

C FINISHING HAMMER

Heavier than 1424. Has slightly crowned $1\frac{1}{2}$ " diameter round face, and a $1\frac{1}{8}$ " square face.

No.	Wt. Lbs.
1425	.90

D FINISHING HAMMER

Has wedge-shaped 1" wide cross pein with $2\frac{1}{2}$ " clearance. Has slight crowned $1\frac{3}{8}$ " round face with clearance of 2".

No.	Wt. Lbs.
1427	.70

E LONG BODY FINISHING HAMMER

Has slightly crowned $1\frac{3}{8}$ " diameter round face with $3\frac{1}{2}$ " clearance, and a round cross pein, $1\frac{1}{8}$ " wide with 4" clearance.

No.	Wt. Lbs.
1426	1.03

F PECKING HAMMER

Has pointed end for picking out small dents and a round face for finishing. Head is $5\frac{3}{8}$ " long overall. Slightly crowned round face is $1\frac{1}{2}$ " in diameter.

No.	Wt. Lbs.
1428	.86

G PECKING HAMMER

Eliminates uncomfortable reaching. Handle, $17\frac{3}{8}$ " reaches to center of car top. Head is 9" long.

No.	Wt. Lbs.
1429	.88

BODY AND FENDER DOLLIES

All are engineered to give usable surfaces and angles. Forged from alloy steel and scientifically hardened and tempered. Have highly polished work surfaces.

A BEAD DOLLY

No.	Size	Wt. Lbs.
1455	$1\frac{7}{8}$ " x $2\frac{29}{32}$ " x $4\frac{1}{16}$ "	2.40

B EGG-SHAPED DOLLY

No.	Size	Wt. Lbs.
1452	$1\frac{3}{8}$ " x $2\frac{1}{2}$ " x $3\frac{3}{4}$ "	3.10

C RADIUS DOLLY

No.	Size	Wt. Lbs.
1454	$1\frac{3}{8}$ " x $2\frac{3}{16}$ " x $4\frac{1}{2}$ "	2.90



D RAILROAD OR GENERAL PURPOSE DOLLY

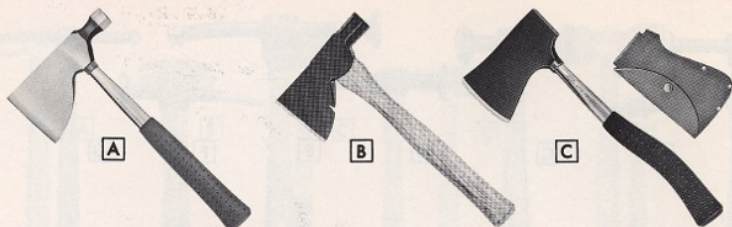
No.	Size	Wt. Lbs.
1453	$2\frac{3}{8}$ " x $2\frac{3}{4}$ " x $2\frac{31}{32}$ "	2.90

E SEMI-ELLIPTICAL HEEL DOLLY

No.	Size	Wt. Lbs.
1458	$1\frac{3}{16}$ " x $2\frac{3}{8}$ " x $3\frac{1}{4}$ "	2.20

F SHRINKING DOLLY

No.	Size	Wt. Lbs.
1457	$1\frac{1}{4}$ " x $3\frac{1}{16}$ " x $3\frac{3}{16}$ "	2.20



P&C Hatchets are made from tough tempered tool steel sharpened to perfection. Handles are designed to stay put. The whole tool is balanced for maximum efficiency and minimum fatigue in use.

A TUBULAR STEEL HANDLE — HALF HATCHET

Has extra thin blade in carpenter's half hatchet design. Chrome plated tubular handle cannot come loose. Rubber cushion hand grip won't slip even when wet.

No.	Blade Width	Overall Length	Wt. Lbs.
8715	3½"	13"	1.58

B HICKORY HANDLE — HALF HATCHET

Head is forged in one piece and scientifically tempered. Has fire-hardened hickory handle that stays put. Handy nail puller forged in the head.

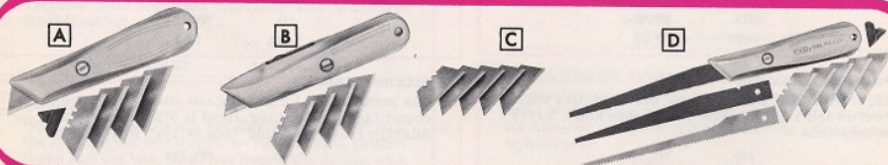
No.	Blade Width	Overall Length	Wt. Lbs.
8716	3½"	13"	1.85

C TUBULAR STEEL HANDLE — BELT AXE

The sportsman's favorite. Made of finest tool steel with beveled driving face to reduce mushrooming. Handle of chrome plated tubular boron steel. Cannot come loose. Leather sheath included.

No.	Blade Width	Overall Length	Wt. Lbs.
8719	3½"	13¼"	2.00

UTILITY KNIVES



This is the handy successor to the pocket knife in the average shop. Has a thousand uses from opening cartons to cutting flooring materials and wallboards. P&C Utility blades are of finest tool steel sharpened to a razor edge.

A REPLACEABLE BLADE KNIFE

Comes with five No. 1691 blades stored in the handle. All metal and shaped to fit the hand. Hang-up hole in handle and metal knife guard included.

No.	Description	Wt. Lbs.
1690	Knife with five blades	.25

B PUSHBUTTON SLIDE-LOCK KNIFE

Provides instant fingertip positioning to four positions for maximum safety and efficiency in use. Comes with five heavy duty alloy steel blades, No. 1692. Extra blades store in the handle.

No.	Description	Wt. Lbs.
1693	Slide-Lock Knife with five blades	.25

C REPLACEMENT BLADES

Sharp, long-lasting replacement blades for both styles of P&C Utility Knife. Notched to fit all popular styles of knives. Packaged five to the box.

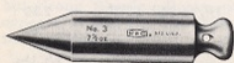
No.	Description	Wt. Lbs.
1691	Standard Blade	.04
1692	Heavy Duty Blade	.05

D SAW-KNIFE SET

A complete utility knife and a set of handy saws all in one unit. Knives and saw blades are quickly interchangeable. Set consists of P&C No. 1690 handle with five blades plus No. 1966-M 18-tooth metal-cutting saw, No. 1966-N 24-tooth metal-cutting saw and 1966-W 9-tooth wood cutting saw.

No.	Description	Wt. Lbs.
1694	Saw-Knife Set	.42

PLUMB BOBS



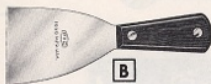
P&C Plumb Bobs hang accurately and true. Make line, level and point locating easier. Each one is accurately machined from cold rolled steel with points accurately sharpened.

STEEL PLUMB BOBS

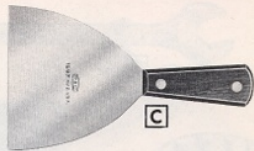
No.	Length	Wt. Oz.
1602	2¾"	2½
1603	3½"	5
1604	4½"	8
1605	5"	12



A



B



C

P&C Putty and Wall Knives are made of the best spring steel, tempered to achieve maximum flexibility and ease of use. Handles are of selected hardwood permanently fastened to the blade.

A PUTTY KNIFE

Tapered blade for maximum flexibility. Highly polished to get smooth putty flow. Hang-hole in handle.

No.	Blade Width	Wt. Lbs.
1695	1 1/4"	.14

B WALL SCRAPER

Blade is tapered for maximum flexibility and extends the full length of the handle.

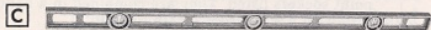
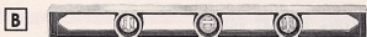
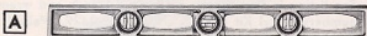
No.	Blade Width	Wt. Lbs.
1696	3"	.27

C SPACKLING KNIFE

Tang extends the full length of the handle. Blade is square-ended, broad and mirror finished.

No.	Blade Width	Wt. Lbs.
1697	5"	.29

LEVELS



Levels that measure true and stay that way carry the P&C label. Glass vials are carefully set and skillfully locked in place. Edges are true and flat.

A PREMIER ALUMINUM LEVELS

Surfaces accurately milled. Glass protected vials have excellent visibility. Six vials permit instant reading, no matter which way you use the level.

No.	Dimensions	Wt. Lbs.
1920	18"	1.88
1921	24"	2.38
1922	28"	2.63

B ECONOMY ALUMINUM LEVEL

Has six vials to work any way, glass protected. Precision parallel grind on faces and edges.

No.	Dimensions	Wt. Lbs.
1927	24"	2.25
1928	28"	2.50

C MASON'S LEVEL - ALUMINUM

The tops, bottoms and ends of this rigid and lightweight aluminum level are true and parallel. Will not warp or rust. Has six cat's eye vials protected under heavy glass for years of trouble-free usage.

No.	Dimensions	Wt. Lbs.
1924	48"	4.13

D MASON'S LEVEL - METAL CLAD

Made from select, kiln-dried mahogany with double angle brass binding and strong brass end plates. Shock resistant permanently marked glass vials protected by glass windows.

No.	Dimensions	Wt. Lbs.
1925	48"	3.38

E TORPEDO LEVEL - ALUMINUM

Lightweight and handy. Permanently marked vials for accuracy. Base grooved for use on tubular work. Has plumb, level and 45° vials.

No.	Dimensions	Wt. Lbs.
1926	9" long	.34

F MAGNETIC ALUMINUM TORPEDO LEVEL

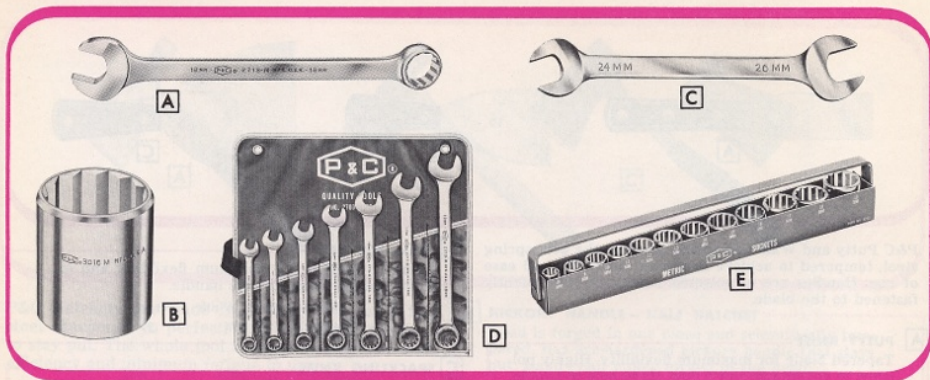
Has strong, lifetime magnet in edge that holds to iron or steel. Indicates pitch of 1/8, 1/4 and 3/8" per ft.

No.	Dimensions	Wt. Lbs.
1929	9" long	.37

G LINE LEVEL

Made of featherweight aluminum to prevent line sag. Has generous hooks with non-snap feature.

No.	Dimensions	Wt. Lbs.
1923	3/8" Hex x 3"	.04



For use on cars, equipment and machinery made in Germany, France, Italy and other countries using the metric measuring system. All are hot forged from special alloy steel and designed for maximum ease in use. Sizes plainly marked to speed selection. Chrome finish for long lasting rust resistance.

A METRIC SIZE COMBINATION WRENCHES

No.	Opening Size In Millimeters	Length, Inches	Wt. Lbs.
2710-M	10	4½"	.06
2711-M	11	5¼"	.10
2712-M	12	5¼"	.10
2713-M	13	6"	.14
2714-M	14	6¾"	.20
2715-M	15	7½"	.27
2716-M	16	7½"	.27
2717-M	17	8¼"	.34
2718-M	18	8¼"	.34
2719-M	19	9¼"	.45
2720-M	20	10¼"	.55
2722-M	22	11¼"	.65

D METRIC COMBINATION WRENCH SET

Set No. 2700-M

Contains one each of the following opening sizes:

11, 12, 13, 14, 16, 17, 19 millimeters.

See listing in first column for overall length and wrench numbers. Vinyl Kit only . . . Part No. 2429. Weight of Combination Set 1.8 lbs.

E METRIC SOCKET SET

Set No. 3000-M

This set includes one each of all the ¾" drive, 12-point sockets listed. They are combined in a handy tray with a spill-proof locking band.

Tray only, Part No. 5293. Weight of Set, 1.40 lbs.

B METRIC SIZE SOCKETS ¾" SQUARE DRIVE

All are 12 pt to fit and turn nuts in smaller space.

No.	Opening Size In Millimeters	Length, Inches	Wt. Lbs.
3008-M	8	1"	.04
3009-M	9	1"	.04
3010-M	10	1"	.04
3011-M	11	1"	.04
3012-M	12	1"	.05
3013-M	13	1"	.07
3014-M	14	1"	.07
3015-M	15	1"	.07
3016-M	16	1"	.10
3017-M	17	1½"	.10
3018-M	18	1½"	.13
3019-M	19	1¾"	.17

BRITISH STANDARD MEASURE

Special sizes in wrenches and sockets designed to give the right fit to bolts and nuts on cars, appliances, machinery and motorbikes built in England.

BRITISH STANDARD COMBINATION WRENCHES

No.	British Standard Size Bolt	Obsolete Whitworth Size	Opening Size	Total Length	Wt. Lbs.
1206-B5	⅜"	⅜"	.338"	4"	.13
1208-B5	½"	⅝"	.445"	5¼"	.18
1210-B5	⅝"	¾"	.525"	6"	.25
1212-B5	¾"	⅞"	.600"	7½"	.32

C METRIC SIZE OPEN END WRENCHES

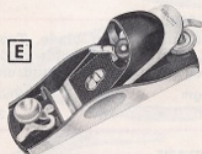
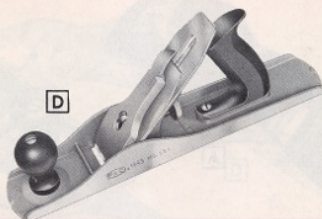
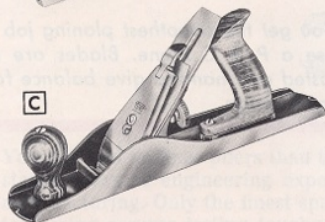
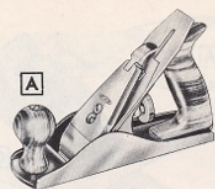
This combination of ten wrenches gives complete flexibility between 6 and 26 millimeters.

No.	Opening Size In Millimeters	Length, Inches	Wt. Lbs.
30607	6 x 7	4½"	.04
30809	8 x 9	4¾"	.06
31011	10 x 11	5¼"	.07
31213	12 x 13	5¾"	.12
31415	14 x 15	6¾"	.23
31617	16 x 17	8½"	.30
31819	18 x 19	8¾"	.38
32022	20 x 22	10"	.60
32123	21 x 23	10½"	.56
32426	24 x 26	11¾"	.78

BRITISH STANDARD SOCKETS

The drive end fits standard U.S. ¾" ratchets, attachments and drivers. 12-point design.

No.	British Standard Size Bolt	Obsolete Whitworth Size	Socket Size	Total Length	Wt. Lbs.
5206-B5	⅜"	⅜"	.338"	1¼"	.04
5208-B5	½"	⅝"	.445"	1½"	.06
5210-B5	⅝"	¾"	.525"	1¾"	.07
5212-B5	¾"	⅞"	.600"	1¾"	.11



Balance, ease of use and the smoothness of the finished job are the criteria for judging a plane. On every score P&C planes measure up. Handles are scientifically shaped to fit the hand and provide a grip that gives certain control at all times. Plane bodies are all-steel construction, engineered to lighten weight without sacrificing needed strength. Blades are of finest steel sharpened with precision and scientifically tempered to hold an edge. Blade adjustment mechanism works easily and stays put. All this combines to make working with a P&C Plane a real pleasure.

A DELUXE BENCH PLANE

Quick and easy depth and side adjustment of the high carbon, tool steel blade. Polished bottom slides over the work. Tropical hardwood handles. A quality tool in every way.

No.	Length	Cutter	Wt. Lbs.
1940	9"	2"	4.25

B POPULAR BENCH PLANE

An economy priced plane with years of built-in service. Depth and side adjustments work quickly and easily. Knob and handle are of clear-grained hardwood. Cutter is one solid piece of tool steel. Has smooth polished bottom.

No.	Length	Cutter	Wt. Lbs.
1942	9"	2"	4.00

C DELUXE JACK PLANE

A high quality plane for the craftsman or serious hobbyist. Attractive gray iron smooth bottom and frog. Three-point bearing lever cap is nickel plated. Handles of tropical hardwood. Full depth and side adjustment of special-analysis steel blade.

No.	Length	Cutter	Wt. Lbs.
1941	14"	2"	5.50

D POPULAR JACK PLANE

Has solid tool steel blade. Easily adjustable for depth of cut and angle of blade. Knob and handle fit the hand and give complete plane control.

No.	Length	Cutter	Wt. Lbs.
1943	14"	2"	5.38

E ADJUSTABLE THROAT QUALITY BLOCK PLANE

Gives you complete control of the amount of cut. Easy depth and side control of the blade. Has positive cam blade lock. Standard 20° angle.

No.	Length	Cutter	Wt. Lbs.
1944	6"	1½"	1.50

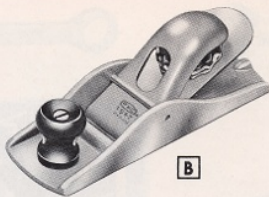
F LOW ANGLE BLOCK PLANE

Low angle (12°) is particularly good for working on end grain and hardwoods. Adjustable throat. Has screw depth adjustment of blade of solid steel specially hardened and tempered.

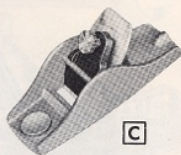
No.	Length	Cutter	Wt. Lbs.
1945	6"	1½"	1.25



A



B



C

A POPULAR BLOCK PLANE

Easy screw depth adjustment of blade. Tropical hardwood handle. Lever cam lock holds blade securely. Well balanced for one or two-hand use.

No.	Length	Cutter	Wt. Lbs.
1946	7"	1 1/4"	1.38

C MODEL MAKER BLOCK PLANE

Designed for the close work encountered by pattern makers and model hobbyists. Specially fitted for one-hand operation.

No.	Length	Cutter	Wt. Lbs.
1948	3 1/2"	1"	.38

B STANDARD BLOCK PLANE

Designed for general, all-around use. Has knob operated blade clamp. Blade is of solid tool steel scientifically heat treated. Operates at standard angle of 20°.

No.	Length	Cutter	Wt. Lbs.
1947	7"	1 1/4"	1.50

You get the smoothest planing job when you use a P & C Plane. Blades are easily adjusted and handles give balance for fatigue-free useage.

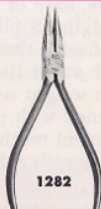
MIDGET PLIERS

Anyone who has to work in confined places or work with small objects will find P&C Midget Pliers just the ticket. Electronics technicians, hobbyists, electrical equipment workers, aviation mechanics and the like appreciate the smooth operation, balance and hand-fit of these precision tools. Each is designed to do a big job in spite of their petite size. Only the finest of special alloy steels are used. Joints work with ease and cutters are induction-hardened to hold their edge. Together these pliers make a useful matched set.

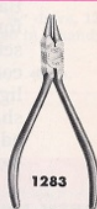
No.	Type	Length	Wt. Lbs.
1281	Straight Nose Plier	4 1/2"	.09
1282	Chain Nose Plier	4 3/4"	.10
1283	Round Nose Plier	4 1/2"	.10
1284	End Cutting Nipper	4"	.10
1285	Diagonal Cutting Plier	4"	.08
1286	Flat Nose Plier	4 3/4"	.09



1281



1282



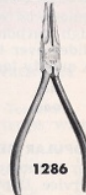
1283



1284



1285

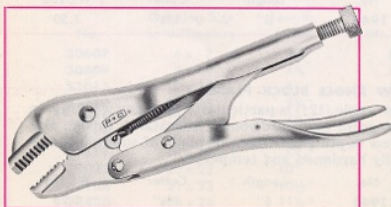


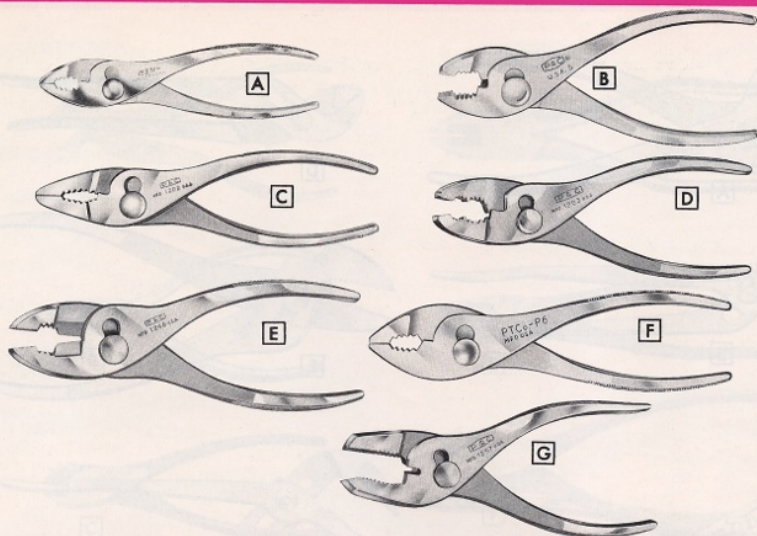
1286

LEVER WRENCH PLIERS

Probably the most powerful pliers you will find anywhere. Lever action locks the jaws in a holding position with a pressure up to one ton. Can be used as a hand vise, a holding clamp or a pipe wrench in addition to a pliers with a grip like a vise. Made of the finest materials and sold with a guaranteed satisfaction warranty.

No.	Type	Length	Wt. Lbs.
1291-R	As illustrated with quick release lever	8"	1
1291	Same as 1291-R without quick release	8"	1
1292-R	Slightly larger than 1291-R and curved jaws to grip pipe. With quick release.	8 1/2"	1.12





You will find no finer pliers than those with the P&C label. Behind each pair stands years of engineering experience in design and painstaking care in manufacturing. Only the finest special alloy steels are used. Hot forging and tempering assures lasting toughness. Joints work smoothly without sloppiness. Teeth are sharp and induction hardened to stay that way.

A REGULAR SLIP JOINT PLIERS

General utility pliers. Leaders in design and service. Have two jaw-opening adjustments and a shear-type wire cutter. Four sizes. Chrome plate.

No.	Length	Wt. Lbs.
1275	5"	.26
1276	6"	.36
1278	8"	.50
1280	10"	.88

B U.S.A.® ECONOMY PLIERS

Same as regular Slip Joint Pliers except have all-over sand finish.

No.	Length	Wt. Lbs.
USA-5	5"	.26
USA-6	6"	.36
USA-8	8"	.50
USA-10	10"	.88

C THIN JAW SLIP JOINT PLIERS

Designed with a slim nose to reach into tight places. Has two jaw-opening adjustments and shear-type wire cutter. Chromed.

No.	Length	Wt. Lbs.
1201	5"	.25
1202	6"	.35

D BENT NOSE THIN JAW SLIP JOINT PLIERS

Thin jaws offset 30° makes handy nail or staple puller. Fits into places hard to reach.

No.	Length	Wt. Lbs.
1203	7"	.43

E COMBINATION SLIP JOINT CUTTING PLIERS

All the features of slip joint pliers plus durable, induction hardened side cutter.

No.	Length	Wt. Lbs.
1246	6"	.49

F PTCO COMBINATION PLIERS

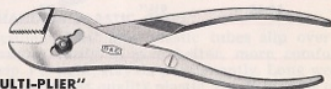
For the economy minded looking for a rugged plier. Made from special analysis steel with precision broached jaws. The bolt is heat treated, nickel plated and carefully fitted to give smooth performance.

No.	Length	Wt. Lbs.
P6	6"	.50

G HEAVY DUTY UNIVERSAL PLIERS

One jaw curved to grip round or irregular objects, other jaw straight with groove for gripping wire, pins or nails. Deep groove wire cutter.

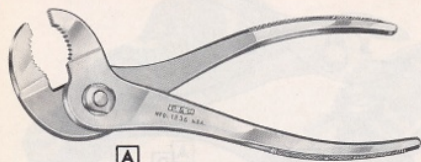
No.	Length	Wt. Lbs.
1257	7"	.58



"MULTI-PLIER"

Patented, three-piece compound-leverage design multiplies applied pressure ten times! Non-slip jaws open to 1¼". Unique diagonal four-position slip joint gives easy jaw adjustment, reduces wedge action and wear. Alloy steel. Chromed.

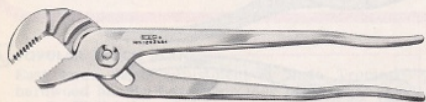
No.	Length	Wt. Lbs.
1234	7¾"	.62



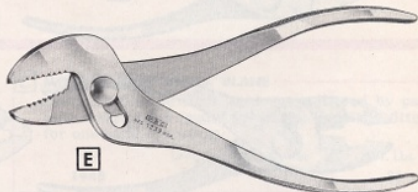
A



D



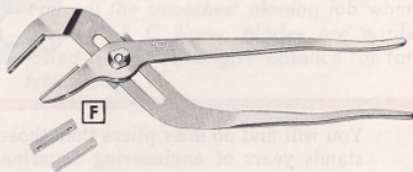
B



E



C



F

A PARROT NOSE WRENCH PLIERS

Combination plier and pipe wrench, with 75° offset nose. Noted for grip. Ideal for pipe and tubing.

No.	Length	Wt. Lbs.
1236	6¼"	.42
1238	7¼"	.59

D GENERAL UTILITY PLIERS

Commonly known as Water Pump Pliers. All-purpose, with five jaw-opening adjustments. Teeth are shaped as in a pipe wrench, insuring positive grip on round objects. Plenty of leverage.

No.	Length	Wt. Lbs.
1240	9"	.58
1241	9½"	.58

B POWER TRACK PLIERS

A curved tongue-and-groove joint holds jaws securely in any desired position and takes strain off bolt. Five grooves provide wide opening range for handling hundreds of jobs. Model 1244 has Handeze grips of Plastisol for non-slip useage.

No.	Length	Wt. Lbs.
1242	7½"	.45
1243	10"	.75
1244	17"	3.00

C SELF-ENERGIZING GEAR-LOCK PLIERS

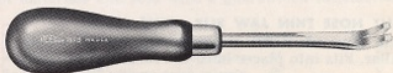
In this revolutionary pliers bolt slides into slanting gear-type slots. As handles are squeezed, bolt locks in chosen slot and jaw pressure increases. Design eliminates slipping, prevents binding, and permits smooth, visible adjustments in five slots.

No.	Length	Wt. Lbs.
1245	9½"	.75

TACK CLAW

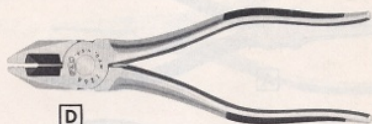
Makes quick work of pulling tacks of all kinds and types. Forged blade is of top grade tool steel.

No.	Blade Size	Overall Length	Wt. Lbs.
1698	½" Diam.	7"	.19

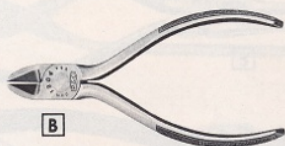




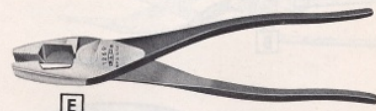
A



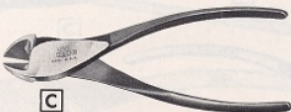
D



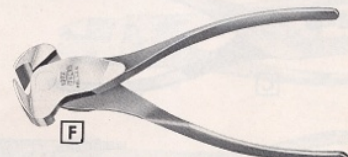
B



E



C



F

A MIDGET SLIP JOINT PLIERS

Light and convenient to use. Designed for ignition work or other jobs requiring narrow jaws. Has three jaw opening adjustments.

No.	Length	Wt. Lbs.
1235	4½"	.07

B DIAGONAL CUTTING PLIERS

Thin, narrow jaws work easily in congested places. Useful for switchboard, telephone, ignition, electronic and electrical work. Induction-hardened cutting edges. High quality alloy steel.

No.	Length	Wt. Lbs.
1204	4½"	.20
1206	6"	.37
1207	7½"	.54

C HEAVY DUTY DIAGONAL CUTTING PLIERS

Tremendous leverage from short, powerful jaws set very close to solidly riveted joint. Perfect alignment, leverage, and balance for difficult cutting jobs. Work easily.

No.	Length	Wt. Lbs.
1209	7"	.49

D LINEMAN'S SIDE CUTTING PLIERS

For utility linemen's work, wiring and electrical equipment installation and maintenance. Carefully matched induction-hardened cutting edges. High quality alloy steel. Smooth working.

No.	Length	Wt. Lbs.
1266	6½"	.43
1268	8½"	.81

E 9" HIGH LEVERAGE LINEMAN'S PLIERS**New England Style**

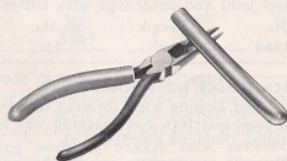
You get up to 50% more leverage than with standard 8-inch pliers because the rivet is closer to the cutting edges. Ideal for cutting No. 8 and other large wire.

No.	Length	Wt. Lbs.
1269	9"	1.10

F END CUTTING NIPPER

Take a sharp, clean cut close to the surface on wires, bolts, rivets. Powerful leverage.

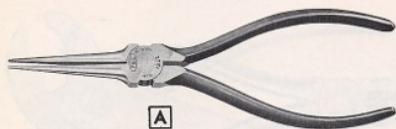
No.	Length	Wt. Lbs.
1272	7"	.60

**"HANDEZE PLASTIC GRIPS"**

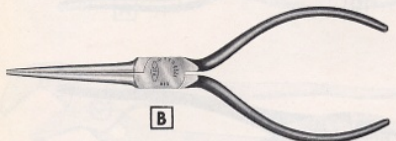
Resilient P&C blue plastic tubes slip over plier handles easily to give better, more comfortable grip. Fit tight, stay on permanently. Long wearing, rugged, finest quality plastic. Unaffected by oil and grease. Resist tear and damage. The three sizes available fit practically all pliers.

No.	Size	Length
1200-S	Small	3"
1200-M	Medium	4"
1200-L	Large	5"

P & C . . . QUALITY Tools for building America!



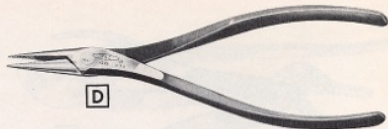
A



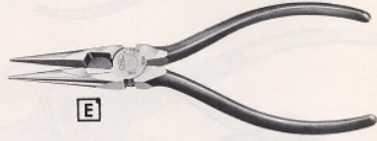
B



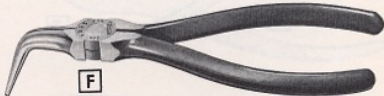
C



D



E



F



G

A NEEDLE NOSE PLIERS

Has very thin nose for getting into places with restricted clearance. A standard item for all electrical and electronics work. Hand-fitting handles.

No.	Length	Wt. Lbs.
1222	6 $\frac{1}{4}$ "	.28

B LONG, THIN NEEDLE NOSE PLIERS

For precision work in confined places. Nose diameter is 3/32". Made of high quality alloy steel. Ideal for electronic work.

No.	Length	Wt. Lbs.
1223	6"	.13

C LONG, THIN NOSE TELEPHONE PLIERS

Excellent for manipulating wire and wiring. Heavy, flush riveted joint and shear-type wire cutter.

No.	Length	Wt. Lbs.
1260	6"	.25

D LONG REACH NEEDLE NOSE PLIERS

For drawing and looping wire, forming terminals, working in close quarters, and reaching way back into assemblies. Diamond knurled jaws.

No.	Length	Wt. Lbs.
1228	7 $\frac{3}{4}$ "	.36

E NEEDLE NOSE WITH SIDE CUTTER

Ideal combination for electronic, telephone and other electrical work. A good long-reach plier for many types of jobs. High quality alloy. Induction-hardened cutter.

No.	Length	Wt. Lbs.
1226	6 $\frac{3}{4}$ "	.28

F CURVED, THIN NEEDLE NOSE PLIERS

Same as No. 1222 plier, except nose is bent at 79° angle. Handy for reaching around objects.

No.	Length	Wt. Lbs.
1225	6"	.28

G DUCK BILL PLIERS

Tapered jaws 1 $\frac{1}{2}$ " and long handles give powerful leverage. Deeply milled oil tempered teeth give extra grip. Solid riveted joint. A well balanced tool.

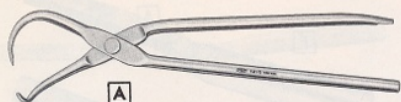
No.	Length	Wt. Lbs.
1227	7 $\frac{3}{4}$ "	.37

There is a P & C Plier for every "gripping" job. All are painstakingly made to be the BEST pliers money can buy.

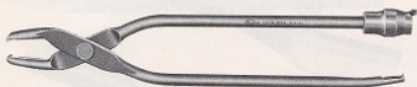
WING DIVIDERS

An accurate, easily adjusted divider ideal for layout work. Adjustments are spring-tensioned for greater accuracy. Made of pressed steel with hardened points and knurled adjusting screws. One leg adjustable and can be replaced with a pencil.

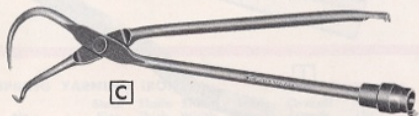
No.	Overall Length	Wt. Lbs.
1993	7"	.35



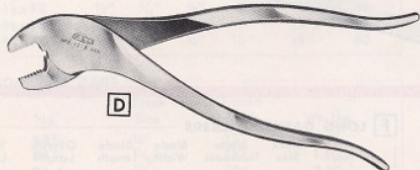
A



B



C



D



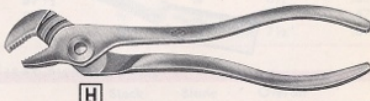
E



F



G



H

A BRAKE SPRING PLIERS

Curved jaw clears edge of brake shoe for close adjustment with center line of spring. Thin hooked jaw slips easily under spring.

No.	Length	Wt. Lbs.
1215	12¼"	.61

B BRAKE PLIERS — BENDIX

Three tools in one! Speeds and simplifies Bendix brake repairs. Special jaws remove hold-down cups. Replaceable Bendix Socket on one handle fits over anchor pin and lug lifts off anchor springs. Other handle end has shovel for replacing anchor pin springs. Tough, high quality alloy.

No.	Length	Wt. Lbs.
1216	11"	.62

C BRAKE PLIERS — ALL-PURPOSE

Combines jaws of No. 1215 Brake Spring Plier and handle end features of No. 1216 Bendix Brake Plier.

No.	Length	Wt. Lbs.
1217	12½"	.78

D BATTERY PLIERS — ANGLE NOSE

Battery terminal nuts manipulate easily with these thin, 30° offset jaws and long, hand-fitting handles. Jaws give maximum grip regardless of nut condition. Riveted joint for extra strength.

No.	Length	Wt. Lbs.
1218	8"	.49

E LOCK RING AND "HORSESHOE" WASHER PLIERS

A money-saving dual-purpose plier, for spreading both soft iron "horseshoe" lock washers used on brakes and tempered steel lock rings used on shafting to locate bearings, gears, etc.

No.	Length	Wt. Lbs.
1250	8¼"	.40

F LOCK RING PLIERS — PARALLEL JAW

Powerful compound leverage simplifies removal of lock or snap rings used on shafts to retain bearings. Jaw tip indentations hold two ends of ring, prevents breakage. Outside Jaw Spread 1¼". Chromed finish to prevent rust.

No.	Length	Wt. Lbs.
1251	9½"	.54

G HOSE CLAMP PLIERS — CORBIN

For installation and repair of Corbin spring tension clamps, used on hose connections for car water pumps and heaters, and other appliances. Two gripping positions engage ears, prevent hazard of clamp flying out of the plier. Chrome plate.

No.	Length	Wt. Lbs.
1252-A	7¾"	.50

H POWER TRACK IGNITION PLIERS

Enable you to get more leverage and a bigger grip for important ignition jobs. Made with care to work smoothly and adjust easily.

No.	Length	Wt. Lbs.
1231	4½"	.08



A



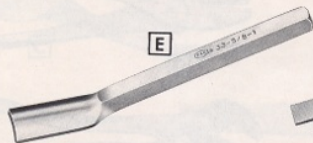
B



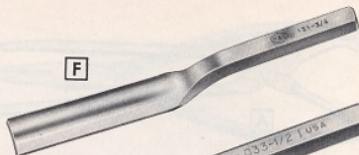
C



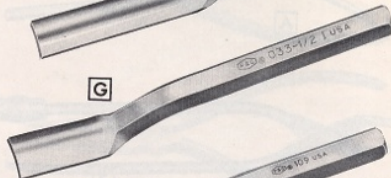
D



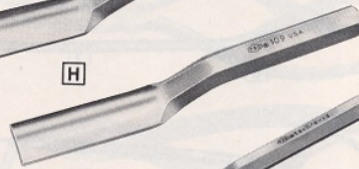
E



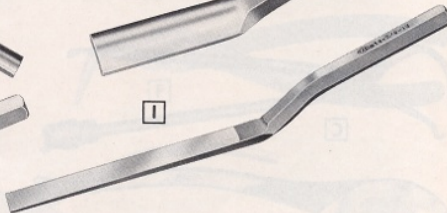
F



G



H



I

A CEILING CALKER

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
130-3/8	5/8"	3/32"	1 1/4"	1 5/8"	10"	1.20

B CURVED PONY CALKERS (Inside and Outside)

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
21-1/2 In	1/2"	1/8"	3/4"	1 1/4"	3"	.13
21-1/2 Out	1/2"	1/8"	3/4"	1 1/4"	3"	.13

C BROAD CURVED NOSE CALKING IRON

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
110	5/8"	1/8"	1 1/2"	2"	8 1/2"	.71

D LEFT AND RIGHT CALKERS

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
132-L	5/8"	5/32"	7/8"	1 5/8"	8 5/8"	.87
132-R	5/8"	5/32"	7/8"	1 5/8"	8 5/8"	.87

E LONG CALKERS (Inside and Outside)

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
33-1/2 In	1/2"	3/64"	3/4"	1 1/2"	6 1/2"	.32
33-1/2 Out	1/2"	3/64"	3/4"	1 1/2"	6 1/2"	.32
33-3/8 In	1 1/2"	3/8"	7/8"	1 3/4"	7"	.52
33-3/8 Out	1 1/2"	3/8"	7/8"	1 3/4"	7"	.52

F LONG GASKET CALKERS

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
131-3/8	5/8"	5/32"	7/8"	4"	9 1/2"	.67
131-3/4	3/4"	3/16"	1"	4 3/4"	9 1/2"	.98

G OFFSET CALKERS (Inside and Outside)

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
033-1/2 In	1/2"	3/64"	3/4"	1 1/2"	6 1/2"	.33
033-1/2 Out	1/2"	3/64"	3/4"	1 1/2"	6 1/2"	.33
033-3/8 In	3/8"	3/8"	7/8"	1 5/8"	7"	.57
033-3/8 Out	3/8"	3/8"	7/8"	1 5/8"	7"	.57
034-3/8 In	3/8"	3/8"	3/4"	1 3/8"	7"	.50
034-3/8 Out	3/8"	3/8"	3/4"	1 3/8"	7"	.50

H WATER MAIN CALKERS

No.	Stock Size	Blade Thickness	Blade Width	Blade Length	Overall Length	Wt. Lbs.
107-3/8	1 3/8"	3/8"	1"	11 1/4"	8"	1.01
107-1/2	1 1/2"	3/8"	1"	23 1/8"	8"	1.04
109	3/4"	3/16"	1"	3 1/8"	8"	.83

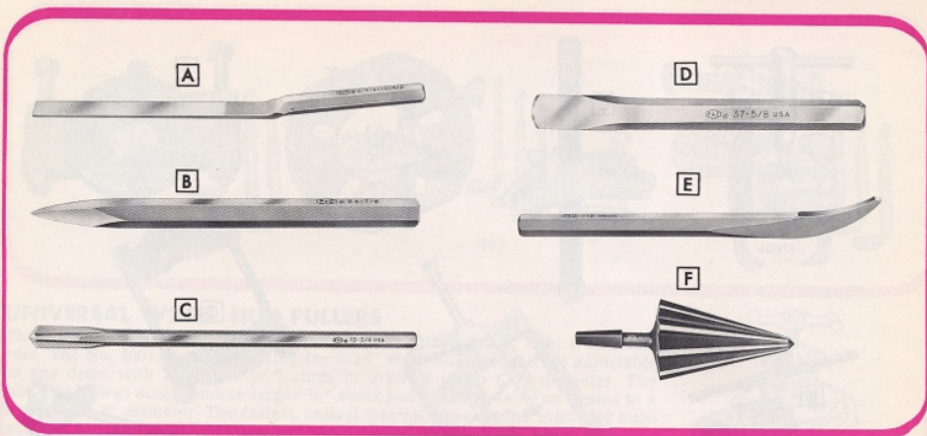
I OFFSET YARNING IRONS

No.	Stock Size	Blade Thick.	Blade Width	Blade Length	Overall Length	Wt. Lbs.
14 1/2 x 12 1/2	1/2"	3/16"	5/8"	6 3/4"	12 1/2"	.52
14 3/8 x 13	3/8"	3/32"	1 1/8"	7 1/4"	13"	.79
14 3/8 x 19	3/8"	3/32"	1 1/8"	12 3/4"	19"	.99
14 3/4 x 15	3/4"	3/32"	3/4"	9 1/2"	15"	1.18

**INTERNAL PIPE WRENCHES**

Easy to operate. Just screw mandrel to force tough gripping dogs against interior of broken pipe or close nipples, etc. Then turn with wrench. No hammering to release.

No.	Pipe Size	Overall Length	Spare Set of 3 Jaws No.	Spare Screw No.	Wt. Lbs.
140	1/2"	3 1/2"	140-J	140-S	.30
141	3/4"	3 3/4"	141-J	141-S	.51
142	1"	4"	142-J	142-S	.57



A SPRING YARNING IRONS

No.	Stock Size	Blade Thick.	Blade Width	Blade Length	Overall Length	Wt. Lbs.
6 1/2 x 12	1/2"	1/16"	3/8"	6 1/2"	12"	.45
6 5/8 x 12 1/2	5/8"	3/16"	3/4"	7"	12 1/2"	.64
6 3/8 x 18	3/4"	3/32"	3/4"	13"	18"	.80

B CONCRETE GADS

No.	Stock Size	Overall Length	Wt. Lbs.
84 3/4	3/4"	12"	1.40
84 7/8	13/16"	12"	1.80
84-1	15/16"	12"	2.30

C STAR DRILLS

No.	Stock Size	Drill Tip Diameter	Overall Length	Wt. Lbs.
13 1/4	1/4"	1/4"	12"	.16
13-5/16	1/4"	3/8"	12"	.16
13 3/8	3/8"	3/8"	12"	.26
13 1/2	3/8"	1/2"	12"	.38
13 5/8	1/2"	5/8"	12"	.52
13 3/4	1/2"	3/4"	12"	.70
13 7/8	5/8"	7/8"	12"	1.07
13-1	3/4"	1"	12"	1.52

D SOIL PIPE CHISELS

No.	Stock Size	Blade Width	Overall Length	Wt. Lbs.
37 1/2	1/2"	5/8"	6 1/2"	.35
37 3/8	3/8"	3/4"	7"	.57
37 3/4	3/4"	7/8"	7 1/2"	.84

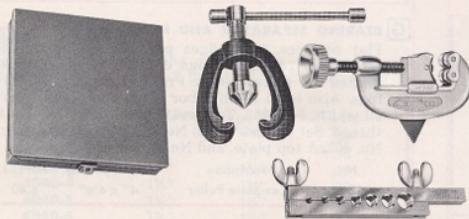
E LEAD-PICKING TOOL

No.	Stock Size	Blade Width	Overall Length	Wt. Lbs.
112	1/2"	3/8"	9"	.46

F PIPE REAMERS

The quickest thing you can use to remove burrs from the ends of pipe and tubing. Can also be used to enlarge holes in sheet metal and as a large countersink. Engineered with care and skill from special hardened steel for long life. Has bit brace shank.

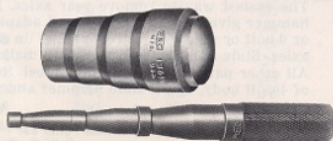
No.	Pipe Fit Diameters	Wt. Lbs.
1653	1/8" - 1"	.25
1654	1/4" - 1 1/4"	.50
1655	1/4" - 2"	1.38



TUBE CUTTING AND FLARING KIT

Everything you need to cut and flare thin wall tubing up to 1 1/8". Cutter has retractable reamer blade and heat-treated, replaceable alloy steel cutting wheel. Also has special flare-cut-off rollers. Flaring tool handles tubing from 3/16" through 5/8". Slip-on yoke is easy opening and closing. Flare forming cone rides on ball bearing. Metal storage box.

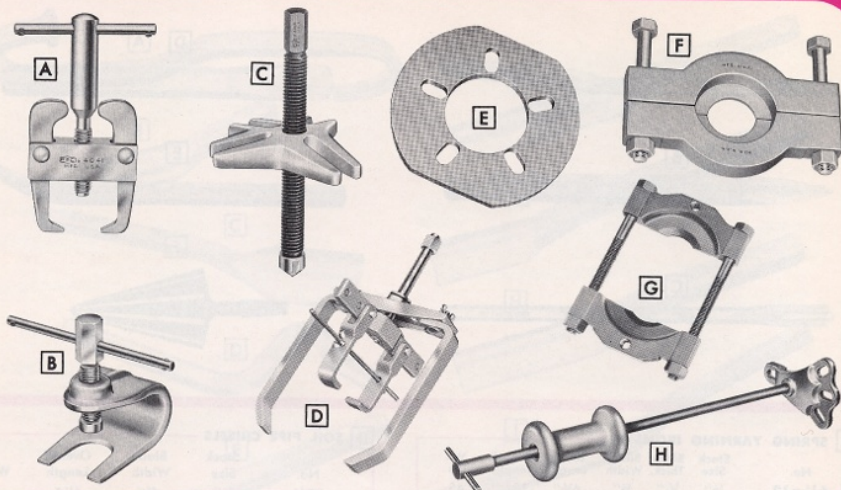
No.	Item	Wt. Lbs.
349	Tube Cutting and Flaring Kit, complete With Box No. 4029	3.30
350	Tube Cutter only	.75
351	Tube Flaring Tool only	1.90



TUBING EXPANDERS

A handy tool when you have tube to expand. Ruggedly made to take the pounding. Gradual tapers make the job easier.

136-1/2	Handles 1/4", 1 3/8" and 1 1/2"	Overall length 3 1/8". Wt. .86 lbs.
137-1/2	Handles 3/8", 1/2" and 3/4"	Overall length 9". Wt. 1.25 lbs.



Quicker . . . simpler . . . fewer parts. These three words describe the complete line of P&C Pullers. All pullers are made of toughest special alloy steels. Tension points are beefed up without making the unit cumbersome. Screws, joints, slides and other moving parts will not bind. Parts are clearly marked for easy assembly.

A BATTERY TERMINAL PULLER

Conventional Type

This puller can also be used for removing small bearings. Has quick, positive action.

No.	Wt. Lbs.
4041	.65

B BATTERY TERMINAL PULLER . . . Special

Unique design does the job faster. This tool is also more economical than the conventional. Even the most stubborn terminals come loose without harm to the battery.

No.	Wt. Lbs.
4042	.44

C STEERING WHEEL PULLER

Removes drilled and tapped steering wheels, and ideal for many other cap screw pulling jobs. Holds two diametrically opposed cap screws or three screws 120° apart. Rotatable screw tip is slotted to prevent interference with horn button wiring. Complete puller consists of No. 4043B body, No. 4043S screw with tip. Extra tip is No. 4043T.

No.	Description	Wt. Lbs.
4043	Complete Puller	1.20

D REAR AXLE PULLER SET

Just the thing for pulling flange type or tapered axles on cars or light trucks. Works with No. 4033 Bearing Plate and No. 4034 Flange Plate. Large screw gives tremendous pulling power. Made of heat treated special alloy steel. Handy metal storage box available. See price list for parts.

No.	Description	Wt. Lbs.
4100	Rear Axle Puller Set	13.60
4100A	Same in No. 4100B Metal Box	19.10

E AXLE FLANGE PLATE

Bolt this No. 4034 Flange Plate to studs with No. 4033 Bearing Puller behind the bearing and you're ready to pull frozen bearings from auto and truck axles.

No.	Description	Wt. Lbs.
4034	Axle Flange Plate	3.33

F REAR BEARING PULLER ADAPTER

Works with No. 4034 Flange Plate and No. 4100 Puller to free stubborn bearings without torch heating and hammering. Consists of two (2) No. 4033B plates and two (2) No. 4033S bolt and nut.

No.	Description	Wt. Lbs.
4033	Rear Bearing Puller Adapter	7.75

G BEARING SEPARATOR AND PULLER

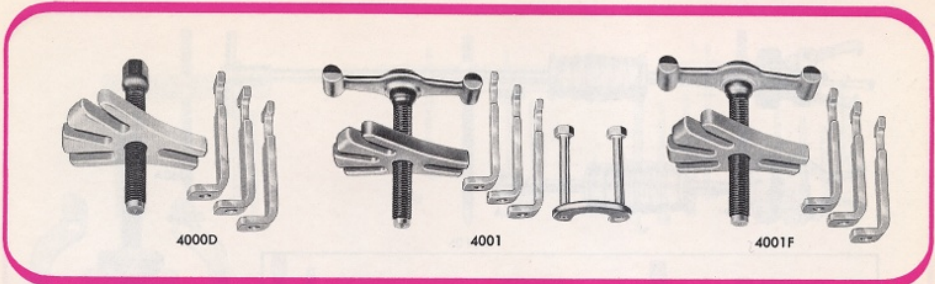
Flat surfaces, thin edges permit adjustment behind many gears, bearings, etc., where space is too limited for puller hooks. Protects expensive bearings. Also ideal as an arbor press bed plate. Overall width, 5-13/16". Top and bottom holes are 1/2-13 thread. Set consists of (2) No. 4032S, bolts and nuts, No. 4032A top plate, and No. 4032B bottom plate.

No.	Description	Max. Opening	Wt. Lbs.
4032	Complete Puller	4" x 4 1/2"	4.40

H REAR AXLE HAMMER PULLER

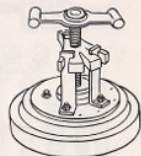
The easiest way to remove rear axles. Big 5 1/4-lb. hammer gives real drive. Four-slot adapter fits 4, 5 or 6-bolt or stud (5 1/2" circle range) on flange type axles. Slide hammer is heavy duty malleable iron. All other parts are forged alloy steel. Set consists of 4055B body, 4055H slide hammer and 4055R rod.

No.	Description	Wt. Lbs.
4055	Rear Axle Hammer Puller Set	9.56



UNIVERSAL WHEEL HUB PULLERS

These pullers are fast, simple, easy to use. Pulls hubs of most light trucks and cars. The No. 4001J legs are drilled for 9/16" studs and are quickly adjustable to any drum with 3, 4, 5, 6 or 7 studs in a circle up to 6 1/2" diameter. The No. 4001JT legs accommodate larger 3/4" studs and are adjustable on drums in a circle up to 8" diameter. The fastest, easiest manual wheel puller made for hubs without flanges on all Chrysler cars, Studebaker, Packard and other cars and light trucks.



WHEEL HUB PULLER PARTS AND SET COMBINATIONS

Tool No.	Description	Wt. Lbs.	Parts in Sets					
			4000D	4000E	4001	4001A	4001F	4001G
4001B	Puller Body, 6 3/4" Long	3.60	1	1	1	1	1	1
4001C	Older Ford Adapter Cap Screw, 4 1/2" Long	.38	..	..	2	2	..	..
4001J	Leg—1 3/8" Leg Offset to Clear Hubs, 3 3/8" from Crossarm to Offset	1.00	3	3	3	3	3	3
4001JT	Leg—1 3/4" Leg Offset to Clear Hubs, 3 3/8" from Crossarm to Hub	1.00	..	..	..	..	..	..
4001R	Older Ford Adapter Ring	.64	..	..	1	1	..	..
4001S	1" Puller Screw, 8" Long, with 4001ST Tip	1.43	1	1	1	1	1	1
4001ST	Detachable Tip for 4001S Screw	.06	..	..	..	..	..	..
4001T	Steel Box, 10 3/4" x 8 1/4" x 1 3/4"	2.20	..	1	..	1	..	1
4001W	Striking Wrench	2.00	..	..	..	..	1	1
Set Wt., Lbs.			8.03	10.23	9.43	11.63	10.70	12.23

STEP PLATES
Used on hollow shafting or housings as base for puller screw to force off bushings, gears, etc., also for installing oil seals.

No.	Small Diam.	Large Diam.	Wt. Lbs.
4040-1	3/4"	1"	.05
4040-2	7/8"	1 1/8"	.08
4040-3	1"	1 1/4"	.10
4040-4	1 1/8"	1 3/8"	.13
4040-5	1 1/4"	1 3/4"	.19
4040-6	1 3/8"	1 7/8"	.22
4040-7	1 1/2"	1 7/8"	.28
4040-8	1 5/8"	2"	.33
4040-9	1 3/4"	2 1/8"	.40
4040-10	1 7/8"	2 3/8"	.49
4040-11	2"	2 1/2"	.59
4040-12	2 1/8"	2 5/8"	.65
4040-13	2 1/4"	2 3/4"	.76
4040-14	2 3/8"	2 7/8"	.83

No. 4040 Set. Eleven sizes Step Plates, 4040-1 through 4040-11. Wt., 3.00 lbs.

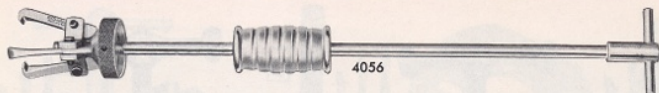
STUD REMOVERS AND SETTERS

MANUAL REMOVER
Available in both 1/2" and 3/4" square drive for regular and heavy duty use. Each unit includes two wedges to increase the usable range. Storage for wedges provided in the unit (held in place by a snap-in pin).

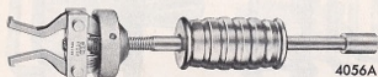
No.	Description	Drive For Studs	Diam.	Length	Wt. Lbs.
4515	Stud Remover, complete	1/2"	3/4"-5/8"	1 1/8" 3 1/2"	.78
4516	Thick wedge for 1/2" drive		1/2"-3/16"		.07
4517	Thin wedge for 1/2" drive		1/2"-5/8"		.04
4532	Stud Remover, complete	3/4"	5/8"-1"	2" 5 1/8"	3.40
4533	Thick wedge for 3/4" drive		5/8"-3/4"		.34
4534	Thin wedge for 3/4" drive		3/4"-1"		.18

POWER DRIVE
Sets or removes 3/8" to 5/8" studs and bolts. Fastest, most efficient design available. Has single, reversible wedge forced against the stud by a spring. Safe, fast, positive. All parts complete in one unit. Nothing to loose or misplace. Works on 1/2" power or manual drive.

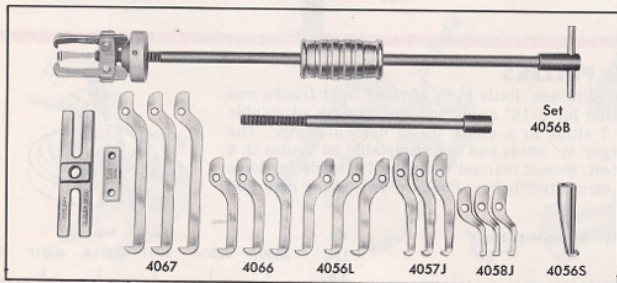
No.	Description	Drive For Studs	Length	Wt. Lbs.
4510	Power Drive Stud Remover and Setter	1/2"	3/8"-5/8"	3 1/2" 1.00



4056



4056A



Set 4056B

4067

4066

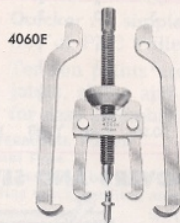
4056L

4057J

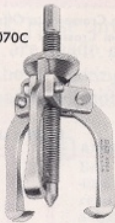
4058J

4056S

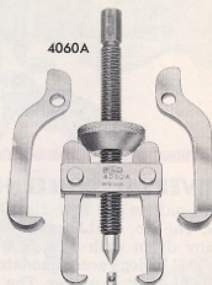
4060E



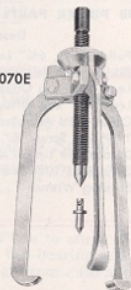
4070C



4060A



4070E



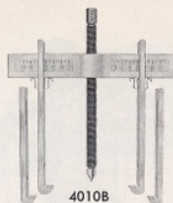
LIGHT DUTY AND SLIDE-HAMMER PULLERS

These small pullers are designed to pull small gears, pulleys, bearings, etc., quickly and easily. Applications include repairs of electric motors, refrigerators, oil pumps, starters, generators, etc. The narrow jaws get

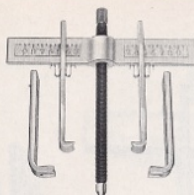
into very close places. Adjusting nut No. 4063 holds the jaws firmly in position so they can't slip. If adjusting nut No. 4056-N is substituted, the short jaws can be reversed and used for inside pulling. Any 1/2" opening wrench can be used on the screw's hexagon head.

Light Duty and Slide Hammer Pullers, Parts and Set Combinations

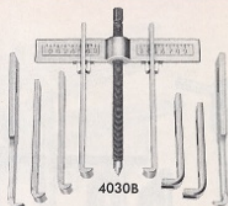
Tool No.	Description	Wt. Lbs.	Parts in Sets						
			4056	4056A	4056B	4060A	4060E	4070C	4070E
4022	Screw, 6 3/4" Long, 1/2" Hex. Head, with 4022T & 4022TS Tip	.35				1	1	1	1
4022T	Standard Detachable Tip for 4022 Screw 60° Taper	.03							
4022TS	Small Detachable Tip for 4022 Screw, 1/4" Diameter	.02							
4056C	Slotted Cap Screw Pulling Crossarm, 6" Wide	1.10			1				
4056H	Sliding Hammer with Fluted Grip	2.70	1	1	1				
4056J	Reversible Jaw, 3 1/2" Long, 2" Yoke to Hook, 1 1/4" - 3 1/4" Inside and 0" - 2 1/8" Outside Ranges	.11	3		3	2	2		
4056L	Inside Jaw, 4 3/8" L., 3" Yoke to Hook 1 3/8" - 6" Range	.21			3				
4056N	Knurled Reversible Adjusting Nut 2 1/2" Diameter	.75	1	1	1				
4056PN	Pin for Holding Jaw in Yoke	.03	3	2	3	2	2	3	3
4056R	T-Handled Rod, 24" Long	1.90	1		1				
4056RS	Short Rod, 12 3/8" Long, for Close Places and for Assembling Valve or Blind Bearing Puller	.96		1					
4056S	Single Jaw, 2 3/8" L., for Wheel Alignment Brakes, Pulling Grease Retainers, Small Bearings, etc.	.17			1				
4057J	Long Reversible Jaw, 4 3/4" Long, 3 3/8" Yoke to Hook, 1 1/4" - 3" Inside and 0" - 4 3/4" Outside Range	.18			3				
4058J	Inside Jaw, 3 3/4" L., 1 3/4" Yoke to Hook 3/8" - 2" Range	.10		2	3				
4061	Yoke, 2 1/2" Wide for Holding Two Jaws	.23		1	1	1	1		
4063	Knurled Non-Reversible Adjusting Nut, 1 3/4" Diameter	.28			1	1	1		
4066	Outside Jaw, 4 1/2" L., 3" Yoke to Hook 0" - 4 3/8" Range	.21			3	2		3	
4067	Long Outside Jaw, 7 3/8" L., 6 3/8" Yoke to Hook 0" - 6 3/8" Range	.30			3		2		3
4071	Yoke, 2 1/2" Diameter for Holding Three Jaws	.32	1		1			1	1
4080	Blind Bearing Puller	.34							
	Set. Wt.		6.09	4.90	10.59	1.56	1.70	1.67	1.94



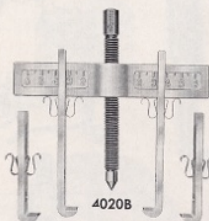
4010B



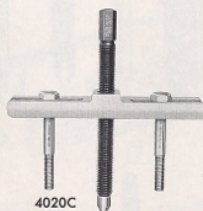
4010C



4030B



4020B



4020C

MEDIUM AND HEAVY DUTY PULLERS

Provide straight line pulling for all types of bearings, sprockets, gears, pulleys, wheels, hubs, etc. Springs hold quick-change jaws securely on crossarm which is marked to show the inches jaws are apart. With no linkage or

pins to adjust, they are easy to set up. Some jaws have hole for bolting together, extending reach. Detachable "live center" screw tips do not rotate when a screw is turned, preventing shaft damage, keeping screw on center, relieving screw strain and better alignment.

Heavy Duty Puller Parts and Sets

Tool No.	Description	Wt. Lbs.	Parts in Set			
			4010B	4010C	4030A	4030B
4011	Crossarm, 11" Long, with Jaw-Positioning Guide	2.70	1	1	1	1
4011S	Spring for Jaws 4015, 4016, 4017 and 4018	.02	2	2	2	2
4012	Screw, 1 1/16" Long, 5/8" Hexagon Head, with 4012T Tip	1.20	1	1	1	1
4012T	Standard Detachable Tip for 4012 Screw, 60° Taper	.06	..	..	..	..
4015	Jaw, 4 3/4" from Crossarm to Hook	.94	2	2	2	2
4016	Jaw, 7 3/8" from Crossarm to Hook	1.26	2	2	2	2
4017	Timing Gear Jaw, 7 3/8" from Crossarm to Hook	1.14	..	2	2	2
4018	Cap Screw Jaw, 3" from Crossarm to Hook	.88	..	2	2	2
4019	Steel Box, 1 1/8" x 1 1/4" x 1 3/4"	4.10	..	..	1	..
		Set Wt.	8.38	7.62	16.60	12.50

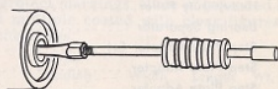
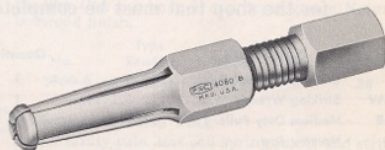
Medium Duty Puller Parts and Sets

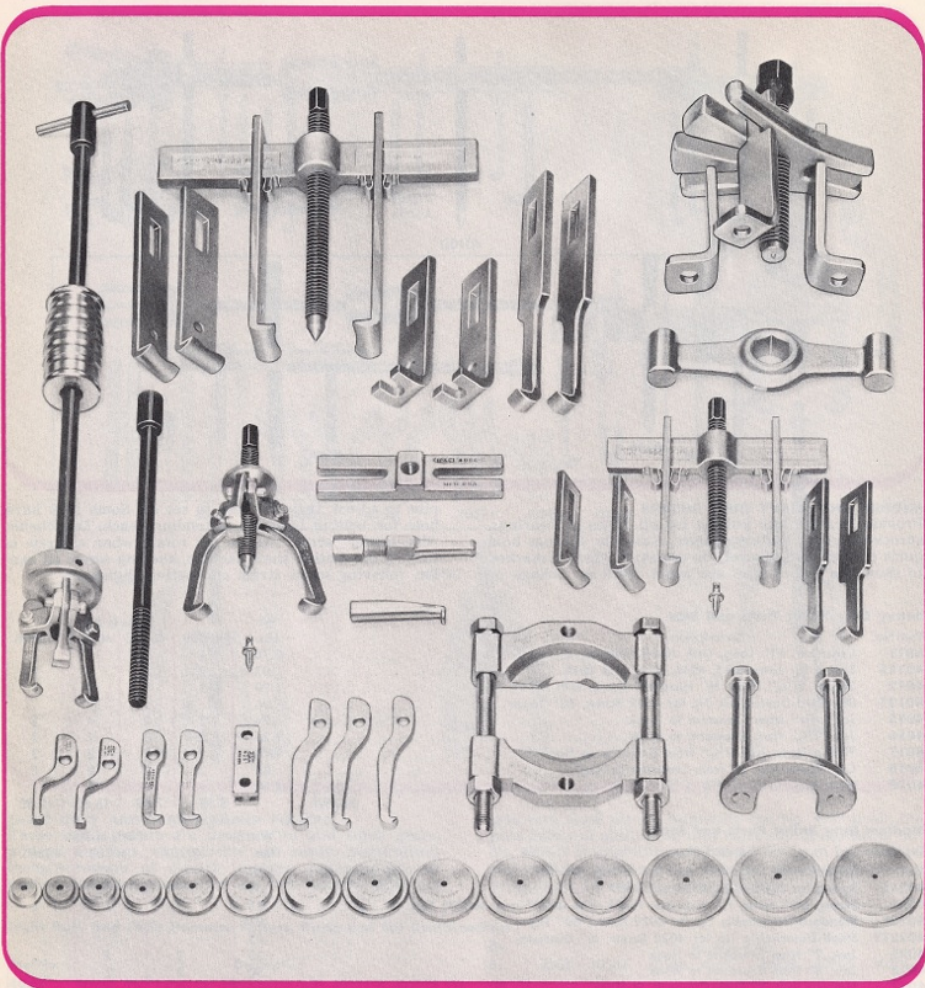
Tool No.	Description	Wt. Lbs.	Parts in Set		
			4020A	4020B	4020C
4021	Crossarm, 7" Long with Jaw-Positioning Guide	1.00	1	1	..
4021S	Spring for Jaws 4025, 4026 and 4027	.01	2	2	..
4022	Screw, 6 3/4" Long, 1/2" Hexagon Head, with 4022T and 4022TS Tips	.35	1	1	1
4022T	Standard Detachable Tip for 4022 Screw, 60° Taper	.03	..	..	..
4022TS	Small Detachable Tip for 4022 Screw, 1/4" Diameter	.02	..	..	..
4025	Jaw, 2" from Crossarm to Hook	.33	2	2	..
4026	Jaw, 4" from Crossarm to Hook	.50	2	2	..
4027	Narrow Jaw, 4" from Crossarm to Hook	.35	..	..	..
4028	Cap Screw, Case Hardened, 3" Long	.10	..	..	2
4029	Steel Box, 7" x 7" x 1 1/4"	1.74	1	..	..
4056C	Cap Screw Crossarm, 6" Wide	1.10	..	..	1
		Set Wt.	4.79	3.05	1.65

BLIND BEARING PULLER

Simple, efficient, collect-type pulls Chevrolet, Ford and Packard pilot bearings quickly, without damage. Turning screw expands outer shoulder and grips bearing. Expands to 1 1/16" diameter. Has many other uses. Can be used alone or with No. 4056 Slide-Hammer Puller.

No.	Description	Length	Wt. Lbs.
4080	Complete Puller	4 1/2"	.34
4080B	Spare Body		
4080S	Spare Screw		



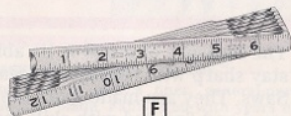
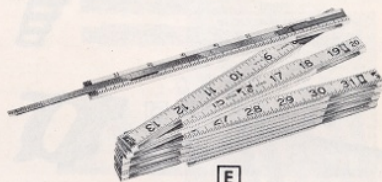
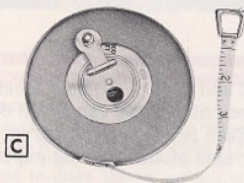
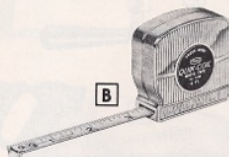
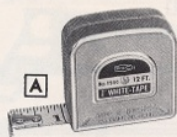


MASTER PULLER SET—No. 4000AB

With this set you will never have a puller problem that you can't lick. Interchangeability of parts makes for maximum use and efficiency. An ideal set for the shop that must be completely equipped.

Tool No.	Description	Quantity	Tool No.	Description	Quantity
4001	Universal Wheel Puller.....	1	4056	Slide-Hammer Puller	1
4001-W	Striking Wrench	1	4056-C	Cap Screw Crossarm.....	1
4020-B	Medium Duty Puller	1	4056-J	Reversible 3½" Jaw.....	2
4027	Narrow Jaw	2	4056-RS	Short Puller Rod.....	1
4030-B	Heavy Duty Puller.....	1	4056-S	Single Puller Jaw.....	1
4032	Bearing Separator	1	4057-J	Reversible 4½" Jaw.....	3
4040	Step Plate Adapter Set.....	1	4058-J	Pilot Bearing Jaw.....	2
4040-12	Step Plate Adapter.....	1	4061	Yoke for Two Jaws.....	1
4040-13	Step Plate Adapter.....	1	4070-C	Light Duty Puller.....	1
4040-14	Step Plate Adapter.....	1	4080	Blind Bearing Puller	1

Set Wt. Lbs. 52.00

**A PUSH-PULL TAPES**

In beautiful chrome plated metal case. Tape is tempered steel with white bonderized enamel finish and black, easy-to-read foot and inch markings. Self-adjusting end hook permits inside and outside measurements. Blade easily replaced. Comes complete with free belt hook.

No.	Type	Blade Width	Blade Length	Wt. Lbs.
1949	Push-Pull	1/2"	6'	.30
1950	Push-Pull	1/2"	8'	.33
1951	Push-Pull	1/2"	10'	.35
1952	Push-Pull	1/2"	12'	.38
1953	Push-Pull	3/4"	12'	.54

B POWER TAPES

Gives you positive control of blade return with smooth action and no dangerous snap action. Nylon internal mechanism gives long life and quiet operation. Has heavily chromed case, tempered and bonderized white steel blade. Giant size end hook adjusts for inside-outside measuring. Blades easily changed. Comes complete with free belt hook.

No.	Type	Blade Width	Blade Length	Wt. Lbs.
1954	Power	1/2"	8'	.44
1955	Power	1/2"	10'	.46
1956	Power	1/2"	12'	.47
1957	Power	3/4"	12'	.60

REPLACEMENT BLADES

Wound in reverse for easy replacement. Universal type that fits most makes of tapes of power and push-pull type.

No.	Fits P&C Tape No.	Blade Width	Blade Length
1949-R	1949	1/2"	6'
1950-R	1950 & 1954	1/2"	8'
1951-R	1951 & 1955	1/2"	10'
1952-R	1952 & 1956	1/2"	12'
1953-R	1953 & 1957	3/4"	12'

C STEEL LONG TAPES

Tape is 3/8" white finished steel with clear inch and foot markings. Throat has double throat rollers. Flush folding rewind handle. Hook ring included at end of blade. Case is zinc plated steel covered with attractive vinyl fabric.

No.	Length	Wt. Lbs.
1961	50 ft.	.75
1962	100 ft.	1.13

D HEAVY DUTY FOLDING RULES

Made of select hardwood with triple-coat white enamel finish. Has 6" folds for greatest convenience in use. Brass plated steel spring joints and brass strike plates to protect markings. Graduated in inches and feet and inches for quick reading.

No.	Type Reading	Width	Length	Wt. Lbs.
1959	Outside	3/8"	6'	.25
1960	Inside	3/8"	6'	.25

E HEAVY DUTY EXTENSION RULE

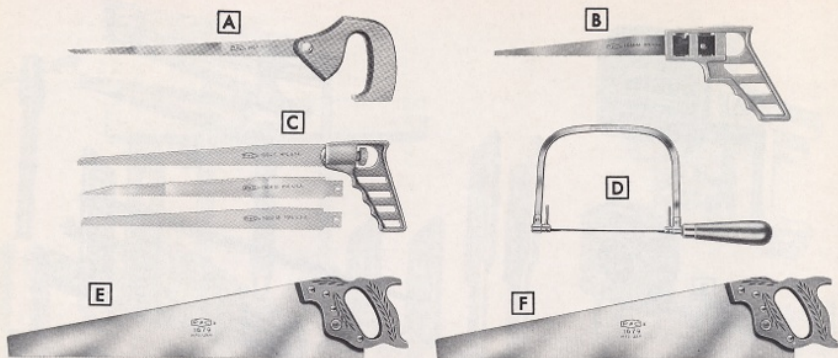
Made to the same rigid specifications as P&C No. 1959 and 1960 but has 6" long brass extension that makes possible measurements inside door jams and the like. Can also be used as a depth gauge. Natural boxwood finish.

No.	Type Reading	Width	Length	Wt. Lbs.
1960-E	Outside	3/8"	6'	.38

F ECONOMY FOLDING RULE

A real utility rule. Has coil spring joints and strike plates to protect markings. Made of seasoned hardwood and multiple coated with clear figures and accurate markings.

No.	Type Reading	Width	Length	Wt. Lbs.
1958	Outside	3/8"	6'	.25



The measure of a saw is its ability to cut fast and true . . . to hold a set . . . to stay sharp with continued useage. On all these criteria you can count on P&C Saws. They are made from the finest steels. Each is shaped, tempered, sharpened and finished with skill that comes with years of saw making experience.

A COMPASS SAW

Works either as regular or flush type for places with restricted clearance. Complete with #1967-K 14" 8-point blade of finest saw steel sharpened to perfection. Tough hardwood handle has large wing nut for easy position changing.

No.	Blade Length	Wt. Lbs.
1967	14"	.71

Extra Blades for No. 1967 Compass Saw

No.	Teeth	Length	Wt. Lbs.
1967-K	8	14"	.19
1967-L	8	12"	.17

B KEYHOLE SAWS

Hand-fitting pistol grip. Tough metal-cutting blade goes through metal, wood, plastic, bone in a hurry. Blades easily changeable. Complete with one 18-tooth (No. 1966-M) blade.

No.	Blade Length	Overall Length	Wt. Lbs.
1966	7½"	10"	.30

Extra Blades for No. 1966 Saw Handle

(Also for use in 1694 Handle)

No.	For	Blade	Teeth	Wt. Lbs.
1966-M	Metal	7½"	18	.04
1966-N	Metal	7½"	24	.04
1966-W	Wood	7½"	9	.03

C KEYHOLE SAW COMBINATION SET

Form-fitting handle has quick-action chuck that makes blade changing easy. Blade can be turned and locked in any one of eight positions. Saw comes with blades Nos. 1969-C, 1969-M, 1969-W.

No.	Description	Wt. Lbs.
1969	Saw Combination Set with handle and three blades	1.51

Extra Blades for No. 1969 Saw Handle

No.	Type of Blade	Teeth	Length	Wt. Lbs.
1969-C	Combination	10	12"	.10
1969-M	Metal Cutting	24	12"	.13
1969-W	Wood Cutting	7	12"	.13
1969-S	Special Dry Wall	9	5½"	.04

D COPING SAWS

Designed to be easy on blades . . . to give a more controlled cut. These frames are of high test spring steel and provide blade-stiffening tension. Studs hold either 6" or 6½" blades with either pin or loop ends. Blades can be rotated and locked in any position. Comfortable hardwood handle provides complete blade tension adjustment. Comes complete with one No. 1971-A blade.

No.	Depth of Throat	Wt. Lbs.
1970	4¾"	.56
1971	6½"	.69

EXTRA BLADES FOR P&C COPING SAWS

Available in both loop-end and pin-end design. Made of the best saw steel uniformly heat treated and sharpened for the finest and smoothest of cuts. No. 1971-A is a heavier blade.

No.	Type of End	Length	No. per Pkg.	Wt. Lbs.
1971-A	Pin	6½"	12	.01
1971-B	Loop	6"	12	.01

E CARPENTER'S FAVORITE HANDSAW

This saw will cut through a lot of material between sharpenings. Made of the very best saw steel, taper ground and bevel filed to perfection. Blade is polymerized to prevent rust. Best quality carved hardwood handle stays put. Available in two point sizes.

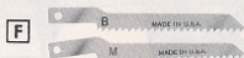
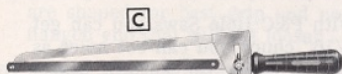
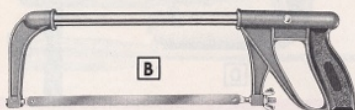
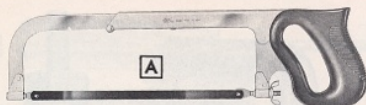
No.	Size and Type	Points	Wt. Lbs.
1679	26" Cross Cut	8	2.00
1680	26" Cross Cut	10	2.00

F TOP VALUE HANDSAW

A popular favorite with home craftsmen. Light weight and easy to use. Blade is of high grade taper ground steel. Teeth are bevel filed and precision set for long, smooth cutting. Tough hardwood handle contoured for comfortable hand fit.

No.	Size and Type	Points	Wt. Lbs.
1681	26" Cross Cut	8	1.00

P&C Tools—the BEST money can buy.

**A RIGID-FRAME HACKSAW**

This is a hacksaw of conventional design intended for the heaviest use. No twist or warp in the frame of tough, tempered steel. Adjustable to take 10" or 12" blades and to make side or reverse cuts. Handles of molded plastic fit the hand for easy use.

No.	Overall Length	Wt. Lbs.
1361	17½"	1.90

B TUBULAR FRAME HACKSAW

Here is a hacksaw that won't let blades wobble or bend. Lightweight yet exceptionally strong with tubular steel frame and die cast aluminum front end and handle. Extra blade storage space provided in the tubular part of the frame. Easily adjusted to use either 10" or 12" blades. Blade adjusts for angular cuts.

No.	Overall Length	Wt. Lbs.
1353	17"	1.00

C LOW CLEARANCE HACKSAW

Here is the steel-cutting version of the keyhole saw. Adjustable throat gives you cuts through 1" material or insertion into a 1" hole for any inside cut. Uses standard 10" blade. Solid steel backbone gives tremendous blade tension for easy cutting.

No.	Overall Length	Wt. Lbs.
1345	16½"	1.00

D HACKSAW BLADES — BEST-FLEX[®]

This is the blade to use when there is a tough cutting job to do and where breakage is a problem. Made of molybdenum high speed steel. Designed for high speed use and long wear. Unbreakable in use. Can be used to cut high alloy steels.

No.	Length	Width	Teeth per In. of Blade	Wt. Lbs.
HB 1018-F	10"	½"	18	.04
HB 1024-F	10"	½"	24	.04
HB 1218-F	12"	½"	18	.05
HB 1224-F	12"	½"	24	.05
HB 1232-F	12"	½"	32	.05

18-tooth blades have straight set. 24 and 32-tooth blades have wavy set.

E HACKSAW BLADES — BEST-TUF[®]

You'll never find a finer, general-purpose hand hacksaw blade. Fabricated with years of saw making experience from patented special alloy steel. Teeth will not strip even when used on the lightest tubing or thinnest sheet metal.

No.	Length	Width	Teeth per In. of Blade	Wt. Lbs.
HB 1018-T	10"	½"	18	.04
HB 1024-T	10"	½"	24	.04
HB 1218-T	12"	½"	18	.05
HB 1224-T	12"	½"	24	.05
HB 1232-T	12"	½"	32	.05

18-tooth are straight set. 24 and 32-tooth are wavy set.

F SABRE SAW BLADES

These blades fit all major models of saber saws. Made from tough saw steel sharpened to cut easily. Won't break or bend. Both straight and fast cutting angle blades available.

Sabre Saw Blades, Individual

Pick the ones you need for the specific job at hand.

No.	Type	Teeth per In. of Blade
1963-A	Wood, Straight Cut	7
1963-B	Wood, Straight Cut	10
1963-C	Metal, Hi Speed, Straight Cut	14
1963-D	Metal, Hi Speed, Straight Cut	32
1963-F	Metal, Straight Cut	18
1963-G	Metal, Straight Cut	24
1963-J	Metal, Angle Cut	18
1963-K	Metal, Angle Cut	24
1963-L	Wood, Angle Cut	7
1963-M	Wood, Angle Cut	10
1963-N	Metal, Hi Speed, Angle Cut	14
1963-O	Metal, Hi Speed, Angle Cut	32

G SABRE SAW BLADE SET

Have the blade on hand when you need it. All the most used items in a handy plastic pouch. Can be hung on tool board if desired.

No.	Contents
1963-SB	Contains one (1) each of straight blades Nos. 1963-A, B, C, D and angle blades Nos. 1963-L, M, N, O.

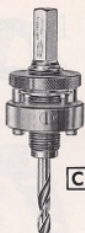
Every P&C Tool fully guaranteed.



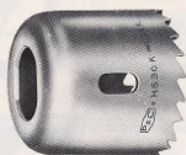
A



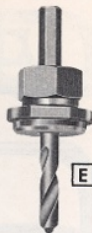
B



C



D



E

No better way to get holes of large size. With P&C Hole Saws you can get holes up to 1 1/8" with a 3/4" chuck. With 7/16" chuck you can cut holes as big as 2 1/2". Made from steel that stays sharp under the hardest usage.

A BEST-MOL[®] HOLE SAWS

These Saws are for high speed use and will cut through any machineable material. Made from special formula molybdenum high speed steel. Cutting edge welded to shatterproof steel back. Give full 1 1/8" cut depth. Follow-through design permits cutting to any desired depth.

No.	Saw Diameter	For Conduit Size	For Pipe Size	Wt. Lbs.
HS 24-M	3/4"	3/8"		.18
HS 28-M	7/8"	1/2"	3/4"	.18
HS 32-M	1"			.18
HS 36-M	1 1/8"	3/4"	1"	.20
HS 40-M	1 1/4"			.20
HS 44-M	1 3/8"	1"		.20
HS 48-M	1 1/2"		1 1/4"	.21
HS 52-M	1 5/8"			.22
HS 56-M	1 3/4"	1 1/4"	1 1/2"	.24
HS 64-M	2"	1 1/2"		.27
HS 80-M	2 1/2"	2"		.36

B BEST-MOL[®] MANDRELS

Securely holds the saw and allows for easy blade change. Has 3/4" high speed replaceable pilot drill.

No.	Fitting Saws Between Sizes	Shank	Wt. Lbs.
HSM 2436 M	3/4" - 1 1/8"	3/8" Hex	.25
HSM 4048 M	1 1/4" - 1 1/2"	3/8" Hex	.38

C BEST-MOL[®] QUICK CHANGE MANDREL

Has precision ground thread that permits fingertip adjustment. Does not require removal of mandrel from chuck for blade changes.

No.	Fitting Saws Between Sizes	Shank	Wt. Lbs.
HSM 5280 M	1 1/4" - 2 1/2"	3/8" Hex	.63

Replacement Drills for Best-Mol mandrels. Made of high speed steel. Size 1/4".

No.	Wt. Lbs.
HSM 8 D	.01

D BEST-QUIK[®] HOLE SAWS

For use on wood, plasterboard, plastic and similar materials. Cut to 7/8" in a single pass. Special exclusive "pass through" design permits even deeper cuts with removal of the plug. Knock-out holes make this easy. Saws are slotted for use on mandrels other than P&C.

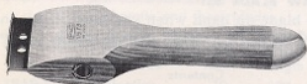
No.	Saw Diameter	For Conduit Size	For Pipe Size	Wt. Lbs.
HS 24-K	3/4"	3/8"		.08
HS 28-K	7/8"	1/2"	3/4"	.08
HS 32-K	1"			.08
HS 36-K	1 1/8"	3/4"	1"	.10
HS 40-K	1 1/4"			.10
HS 44-K	1 3/8"	1"		.10
HS 48-K	1 1/2"		1 1/4"	.11
HS 52-K	1 5/8"			.12
HS 56-K	1 3/4"	1 1/4"	1 1/2"	.13
HS 64-K	2"	1 1/2"		.15
HS 80-K	2 1/2"	2"		.21

E BEST QUIK[®] MANDRELS

Make blade changing easy and hold the hole saw securely. Two sizes to fit all hole saws.

No.	Fit Saws Between Sizes	Shank	Wt. Lbs.
HSM 2436 K	3/4" - 1 1/8"	3/8"	.13
HSM 4080 K	1 1/4" - 2 1/2"	3/8"	.16

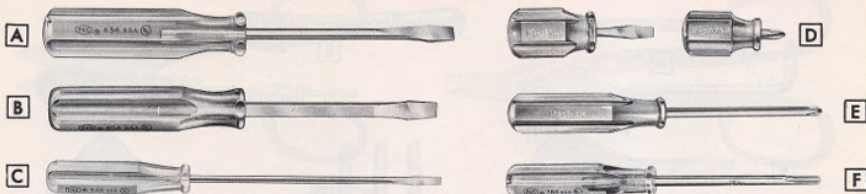
SCRAPERS - Wood



This scraper is designed to work efficiently in removing paint, finishing woodwork or any other scraping job. Paint brush type handle gives you maximum pull and leverage. Tempered steel blade gives you a long-lasting edge. Has four edges all told... two ready for instant use and two in reserve available by reversing the blade in the handle. Two widths and spare blades available.

No.	Blade Width	Wt. Lbs.
1973	2 1/2"	.43
1973-B	Extra 2 1/2" blade	.13
1974	1 1/2"	.25
1974-B	Extra 1 1/2" blade	.06

For Automotive Scrapers, see page 60



Blades are forged from toughened special alloy steel. Handles are clear shock-proof, acid-proof plastic or of special selected fine-grain hardwood and are shaped for best grip and no slip. Blades are fastened to handles with flanged end that will not loosen... we guarantee it.

A PLASTIC HANDLE—STANDARD TIP—ROUND SHANK

No.	Blade Diam.	Blade Length	Overall Length	Wt. Lbs.
402	1/8"	2 1/2"	5 1/2"	.05
404	1/8"	4 1/2"	7 1/2"	.06
504	3/16"	4"	7 1/2"	.10
508	3/16"	7 1/2"	11"	.13
634	1/4"	4"	8"	.17
736	5/16"	6"	10 1/2"	.30
740	5/16"	10"	14 1/2"	.39
838	3/8"	8"	13"	.47

B PLASTIC HANDLE—STANDARD TIP—SQUARE SHANK

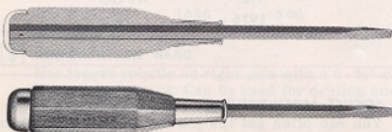
No.	Blade Diam.	Blade Length	Overall Length	Wt. Lbs.
442	1/8"	2 1/2"	5 1/2"	.04
544	3/16"	4"	7 1/2"	.11
548	3/16"	7 1/2"	11"	.15
604	1/4"	4"	8"	.15
609	1/4"	9"	13"	.25
706	3/8"	6"	10 1/2"	.33
710	3/8"	10"	14 1/2"	.43
808	3/8"	8"	13"	.55
812	3/8"	12"	19"	.90
816	3/8"	16"	23"	1.05

C PLASTIC HANDLE—CABINET TIP—ROUND SHANK

No.	Blade Diam.	Blade Length	Overall Length	Wt. Lbs.
462	1/8"	2 1/2"	5 1/2"	.05
464	1/8"	4"	7"	.06
564	3/16"	4"	7 1/2"	.10
566	3/16"	6"	9 1/2"	.12
568	3/16"	8"	11 1/2"	.13

WOOD HANDLE SCREWDRIVERS

P&C Wood Handle Screwdrivers are designed for the toughest of useage. Blade extends the full length of the clear birch handle. A steel pin through the steel handle cap, then the handle and finally the blade extension, welds them all into a solid unit. In addition a steel ferrule protects the blade end of the handle.



D STUBBY SCREWDRIVERS

No.	Type of Tip	Overall Length	Wt. Lbs.
501	Standard	3"	.07
601	Standard	3 3/8"	.13
670	Phillips No. 2	2 1/2"	.08
690	Reed & Prince	2 3/8"	.07

E PLASTIC HANDLE—CROSS SLOT SCREWDRIVERS

No.	Phillips Blade Size	Blade Length	Overall Length	Wt. Lbs.
473	0	2 1/2"	5"	.05
573	1	3"	6 1/2"	.10
674	2	4"	8"	.15
776	3	6"	10 1/2"	.28
878	4	8 1/2"	13 1/2"	.50

REED & PRINCE

No.	Blade Diam.	Blade Length	Overall Length	Wt. Lbs.
592	3/16"	3"	6 3/8"	.09
693	1/4"	4"	8"	.17
794	3/8"	6"	10 3/8"	.30

F CLUTCH HEAD

The P&C Clutch-Head Screwdriver is an "A" type.

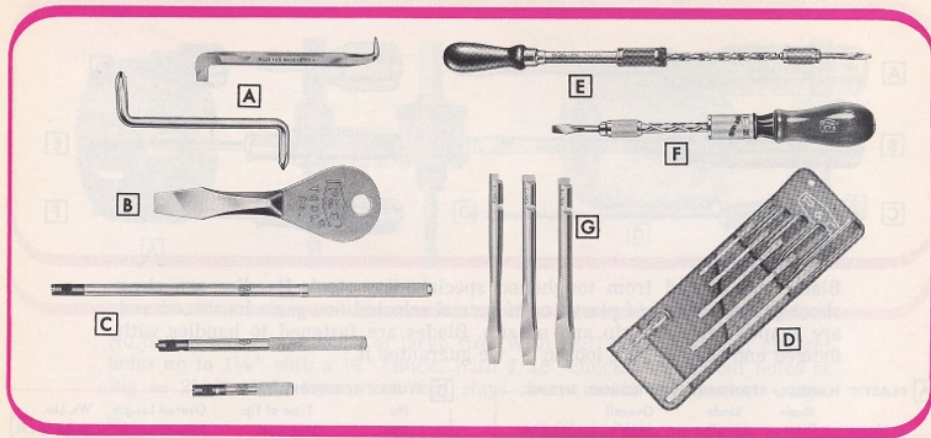
No.	Bit Size	Blade Length	Overall Length	Wt. Lbs.
483	3/32"	3 3/8"	7 3/8"	.12
584	3/16"	3 3/8"	7 3/8"	.12
685	1/4"	4 3/8"	8 7/8"	.18
786	5/16"	4 3/8"	9 3/8"	.28

STANDARD TIP—SQUARE SHANK

No.	Stock Size	Blade Length	Overall Length	Wt. Lbs.
551	3/8"	1 1/2"	4 1/2"	.10
553	3/8"	2 1/2"	6 1/2"	.12
559	3/8"	9"	13 1/2"	.17
654	1/2"	4"	9 1/8"	.22
660	1/2"	9 1/2"	14 1/2"	.30
756	3/4"	6"	12"	.42
760	3/4"	10"	16"	.50

PHILLIPS CROSS SLOT

No.	Phillips Blade Size	Blade Length	Overall Length	Wt. Lbs.
523	1	3"	6 1/4"	.08
624	2	4"	8 3/8"	.18
726	3	6"	12"	.30
828	4	8"	14 1/2"	.52

**A** OFFSET SCREWDRIVERS

Just the thing for working in restricted quarters. Blades at right angles to each other at opposite ends permit screw turning in minimum radius. Heat treated, highly polished and treated for overall rust resistance.

STANDARD TIP—DOUBLE END

No.	Stock Size	Overall Length	Wt. Lbs.
164	1/4"	4 3/4"	.07
165	3/8"	5"	.11
166	3/8"	6 1/2"	.19

PHILLIPS CROSS-SLOT TIP — DOUBLE END

No.	Phillips Blade Size	Overall Length	Wt. Lbs.
152	1 & 2	4 3/4"	.19
153	3 & 4	5 1/2"	.31

B KEY RING SCREWDRIVER

Handier than a pocket knife. Fits on key ring or watch chain. Use it to open cans, open doors, emergency repairs. Makes the perfect small gift or business reminder. A good conversation starter.

No.	Bit Width	Length	Wt. Lbs.
400	3/16"	2 1/4"	.015

Ask for quantity prices.

C SCREW HOLDING SCREWDRIVERS

Just the thing for those hard to get at places. Holds the screw so you can feed it into position and start it before changing over to a regular screwdriver. Spring loaded to give 5-9 inch-pounds of pressure in the slot. Easily released with a twist of the knurled handle. Light weight and easy to use.

No.	Length	Wt. Lbs.
9851	2 1/2"	.05
9853	5"	.10
9855	9"	.12

D ALL PURPOSE SCREWDRIVER SET

Just the thing for around the house. Made up of 6 plastic handle, standard tip screwdrivers in a variety of lengths and tip sizes. Set includes one each of P&C numbers 544, 601, 604, 706, 808, 812. Kit is vinyl plastic.

No.	Description	Wt. Lbs.
500-A	Screwdriver Set	2.30
2430	Roll up kit only	.04

E SPIRAL RATCHET SCREWDRIVER — HEAVY DUTY

The fastest and easiest way to set a lot of screws in a hurry. Can be used three ways: (1) To drive or draw screws, (2) As a ratcheting screwdriver, (3) As a rigid screwdriver. Easily adjusted knurled control sleeve and spiral lock nut sets action. Spring in handle automatically positions screwdriver for succeeding strokes . . . permits one-hand operation. Includes No. 1979 set of three blades.

No.	Overall Length With Bit	Wt. Lbs.
1978	20 1/2"	1.50

Extra blades for P&C No. 1978 Ratchet Screwdriver

No.	Blade Size	Wt. Lbs.
1979-C	3/8"	.05
1979-D	1/4"	.05
1979-E	3/32"	.05

Phillips Cross-Slot Bits for P&C No. 1978 Ratchet Screwdriver

No.	Phillips Size	Wt. Lbs.
1980	No. 1	.06
1981	No. 2	.06
1982	No. 3	.06

F SPIRAL RATCHET SCREWDRIVER — QUICK CHANGE

A flip of the ratchet lever and you go from forward, to reverse, or to the locked position. Has quick-return spring in handle to permit one-hand operation. Will drive or draw screws from #4 through #8 with speed and ease. Handle is of clear grained hardwood. All parts beautifully machined. Comes complete with one 1/4" bit.

No.	Overall Length With Bit	Wt. Lbs.
1975	10"	.50

G Accessory Set for P&C No. 1975 Ratchet Screwdriver

Adds to the uses to which you can put your Ratchet Screwdriver. Includes 5/32" cabinet bit; drill points 1/16", 5/64", 3/32"; one 3/8" countersink.

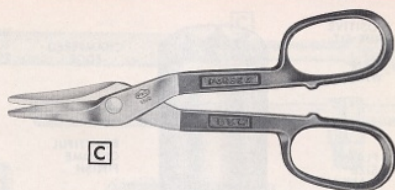
No.	Wt. Lbs.
1976	.13

SOCKET SCREWDRIVERS

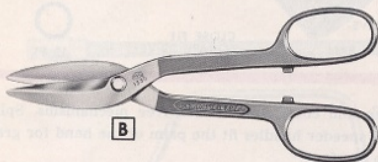
You can often get the job done faster and easier with a Socket Screwdriver. See pages 40 through 47.



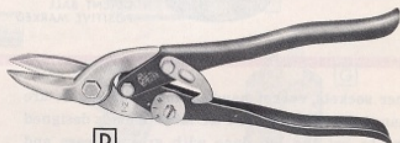
A



C



B



D

With P&C Snips you get fast, smooth cuts in sheet metal, sheet brass, copper, plastic cloths and many other materials. Blades are hot drop forged from special analysis steel and electrically heat treated to provide long-wearing toughness. Pivot screws are tightened precisely for the best cut without binding and then locked in that position. Blades give uniform shearing with minimum metal distortion. Handles are hand contoured.

A STRAIGHT OR REGULAR

Will handle all kinds of cutting jobs. Gives lots of shearing power.

No.	Overall Length	Length of Cut	Wt. Lbs.
1317	7"	1 $\frac{3}{4}$ "	.38
1320	10"	2 $\frac{1}{2}$ "	.86
1322	12"	3"	1.50

C DUCKBILL OR CIRCULAR

For cutting circles and other curved designs. Blades hollow ground for better work.

No.	Overall Length	Length of Cut	Wt. Lbs.
1307	7"	1 $\frac{3}{4}$ "	.38
1310	10"	2 $\frac{1}{2}$ "	.84
1312	12"	3"	1.46

B COMBINATION PATTERN

For straight and moderately irregular cuts. More versatile than regular snips with the same shearing power.

No.	Overall Length	Length of Cut	Wt. Lbs.
1330	10"	2 $\frac{1}{2}$ "	.88
1332	12"	3"	1.46

D MULTIPLE LEVERAGE

Aviation type with compound action that greatly increases shearing power. Available in straight cut, left cut and right cut.

No.	Type Cut	Overall Length	Length of Cut	Wt. Lbs.
1303-L	Left	9 $\frac{3}{4}$ "	1 $\frac{7}{16}$ "	.70
1303-R	Right	9 $\frac{3}{4}$ "	1 $\frac{7}{16}$ "	.70
1303-S	Straight	9 $\frac{3}{4}$ "	1 $\frac{5}{8}$ "	.72

GRINDING HEADS

P&C Grinding Heads are cast of alloy metal and then machined with care and skill to assure years of vibration-free, smooth, true running. The $\frac{1}{2}$ " steel spindle runs in oil-impregnated bearings. Bearings are each $1\frac{1}{4}$ " long to give strength and rigidity. The V-belt pulley can be run from above, below, or from either side. Height to center of spindle is 6".

A DOUBLE HEAD

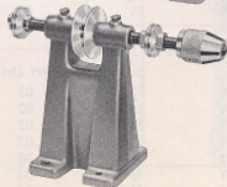
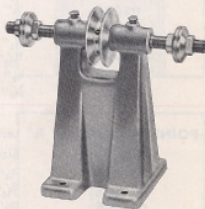
Has two sets of flanges for $\frac{3}{4}$ " face wheels up to 4" in diameter. Handles wheels with $\frac{1}{2}$ " diameter.

No.	Wt. Lbs.
1656	5.00

B COMBINATION HEAD

Has longer spindle on right side with a 0 - $\frac{3}{8}$ " capacity three-jawed chuck. Can be used for drilling and other chores. Spindles are $\frac{1}{2}$ " in diameter and threaded 20 to the inch.

No.	Wt. Lbs.
1657	5.63

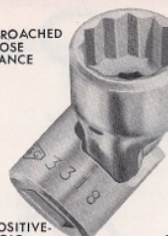


POSITIVE NUT FIT
THIN WALL



CHAMFERED EDGE

HOT BROACHED TO CLOSE TOLERANCE



PIN STAYS PUT

SOCKET OPENING TYPES



PLAIN SIZE MARKING

BEAUTIFUL CHROME FINISH

DETENT BALL POSITIVE MARKED

POSITIVE-HOLD DETENT BALL

FREE WORKING JOINT
CLOSE FIT SQUARE DRIVE

No finer sockets, socket handles and attachments are made than those carrying the P&C label. Each is designed with care to get the job done with greatest ease and efficiency. They are made from special alloy steel, machined to perfection, clearly marked for speedier use and beautifully finished in high-polish chrome.

P&C Sockets have strong, light, thin walls to give remarkable toughness along with small size to go into tight places. Chamfered openings slip on nuts and bolts easily. Detent ball position is clearly marked as is the size of every socket.

P&C Handles give maximum utility regardless of the type. Ratchet handles work smoothly with minimum reverse

drag and completely trouble-free mechanisms. Spinner and speeder handles fit the palm of the hand for greater use comfort.

P&C Attachments make quick work of many tightening jobs. Universal Joints and Universal Sockets work smoothly even at extreme angles. Socket screwdrivers give a positive fit to prevent slot damage. Ratcheters, for converting non-ratcheting handles into a ratcheting device, add to the convenience of many tools and are designed to be easily reversed and smooth to operate.

Available in 1/4", 3/8", 1/2", 3/4" and 1" square drive sizes plus power and impact styles... there is a P&C Socket or attachment to fit every need.



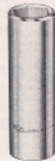
A



B



C



D



E

A 6-POINT SOCKETS (All 7/8" Length)

No.	Size	Wt. Lbs.
0206	3/16"	.02
0207	1/8"	.02
0208	1/4"	.02
0209	3/8"	.03
0210	1/2"	.03
0211	3/4"	.03
0212	7/8"	.04
0214	1"	.05

B 8-POINT SOCKETS (All 7/8" Length)

No.	Size	Wt. Lbs.
0208-S	1/4"	.02
0210-S	3/8"	.04
0212-S	3/8"	.05

C 12-POINT SOCKETS (All 7/8" Length)

No.	Size	Wt. Lbs.
0207-T	7/32"	.02
0208-T	1/4"	.02
0209-T	9/32"	.02
0210-T	5/16"	.02
0211-T	11/32"	.03
0212-T	3/8"	.03
0214-T	7/8"	.04
0216-T	1/2"	.05

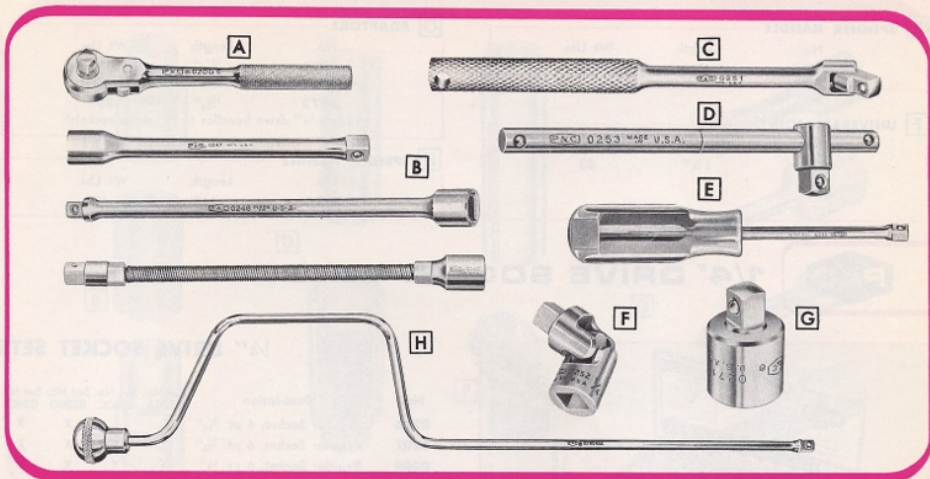
D 6-POINT EXTRA DEEP SOCKETS (All 2" Length)

No.	Size	Wt. Lbs.
0208-L	1/4"	.04
0209-L	3/8"	.04
0210-L	1/2"	.04
0211-L	3/4"	.07
0212-L	7/8"	.09
0214-L	1"	.11

E SCREWDRIVER SOCKETS

No.	Bit Size	Length	Wt. Lbs.
0235	3/32" Clutch Head	1 1/2"	.04
0236	1/8" Clutch Head	1 1/2"	.04
0237	Phillips No. 1	1"	.02
0237-L	Phillips No. 1	2"	.03
0238	Phillips No. 2	1"	.02
0238-L	Phillips No. 2	2"	.03
0244	3/16" x .030"	1 3/4"	.03
0245	1/4" x .030"	3"	.06
6535	Two-Prong Special Driver for Chev. Distributor	1 1/8"	.02

P & C Sockets are clearly size marked for ease and convenience in use.



A REVERSIBLE RATCHET

No.	Length	Wt. Lbs.
0246*	4 1/2"	.18

C HINGE HANDLE

No.	Length	Wt. Lbs.
0251	5 1/2"	.16

B EXTENSIONS

No.	Length	Wt. Lbs.
0247	3 1/2"	.06
0248	6"	.10
0263	14"	.15
0265	6" (Flexible)	.08

D SLIDING-T HANDLE

No.	Length	Wt. Lbs.
0253	4 1/2"	.08

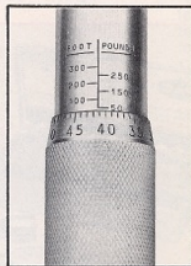
(See next page for balance of listing.)

*SEE PRICE LIST FOR REPLACEMENT PARTS

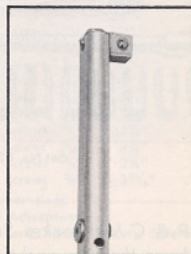
TORQUE-LIMITING WRENCHES



The simple, easy-to-use P&C Torquer is foolproof, safe and versatile. It is the fastest torquer on the market. It gives positive torque-limiting action every time. There are no sounds to listen for and no dials to watch. It resets itself automatically. The all steel construction assures years of trouble-free use. The streamlined design lets it fit into tight spots. The automatic "clicking" signal "talks" to you through the handle. Knurled handle sets easily to the precise ft./lb. or in./lb. torque with easy to read micrometer type settings. Built-in lock holds setting during use. Eight models to pick from in plain or ratchet head.



No.	Drive Size	Type Head	Capacity	Overall Length	Wt. Lbs.
6306	3/8"	Ratchet	0-80 Ft./lb.	14"	1.44
6308	1/2"	Ratchet	0-80 Ft./lb.	14"	1.50
6315	1/2"	Plain	10-150 Ft./lb.	17 1/2"	2.31
6316	1/2"	Ratchet	10-150 Ft./lb.	17 3/4"	2.50
6317	3/4"	Plain	100-500 Ft./lb.	37"	8.75
6318	3/4"	Ratchet	50-300 Ft./lb.	33"	7.56
6361	1/4"	Plain	0-150 In./lb.	9 1/4"	.94
6371	3/4"	Plain	1200-4800 In./lb.	37"	8.75



Use this wrench around corners... in the dark. It works automatically.

1/4" DRIVE SOCKETS, HANDLES AND ATTACHMENTS

E SPINNER HANDLE

No.	Length	Wt. Lbs.
0259	6"	.14

F UNIVERSAL JOINT

No.	Length	Wt. Lbs.
0252	1 1/4"	.03

G ADAPTORS

No.	Length	Wt. Lbs.
0271	1 3/16"	.03
(Adapts 3/8" drive handles to 1/4" drive sockets)		
0272	1 5/16"	.05
(Adapts 1/4" drive handles to 3/8" drive sockets)		

H SPEEDER HANDLE

No.	Length	Wt. Lbs.
0280	16"	.40



1/4" DRIVE SOCKET SETS



Set No. 0200C

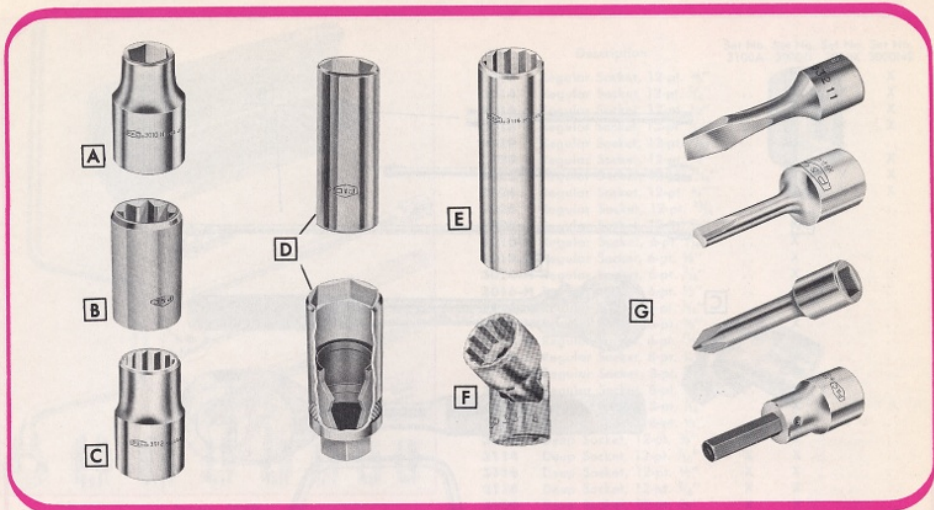


Set No. 0200F

1/4" DRIVE SOCKET SETS

No.	Description	Set No.			
		0200A	0200C	0200D	0200F
0206	Regular Socket, 6 pt. 3/16"	..	..	X	X
0207	Regular Socket, 6 pt. 7/32"	X	X	X	X
0208	Regular Socket, 6 pt. 1/4"	X	X	X	X
0209	Regular Socket, 6 pt. 9/32"	X	X	X	X
0210	Regular Socket, 6 pt. 5/16"	X	X	X	X
0211	Regular Socket, 6 pt. 11/32"	X	X	X	X
0212	Regular Socket, 6 pt. 3/8"	X	X	X	X
0214	Regular Socket, 6 pt. 7/16"	X	X	X	X
0216-T	Regular Socket, 12 pt. 1/2"	..	..	X	..
0208-L	Deep Socket, 6 pt. 1/4"	..	..	X	..
0209-L	Deep Socket, 6 pt. 9/32"	..	..	X	..
0210-L	Deep Socket, 6 pt. 5/16"	..	..	X	..
0211-L	Deep Socket, 6 pt. 11/32"	..	..	X	..
0212-L	Deep Socket, 6 pt. 3/8"	..	..	X	..
0214-L	Deep Socket, 6 pt. 7/16"	..	..	X	..
0208-S	Regular Socket, 8 pt. 1/4"	X	X	X	X
0210-S	Regular Socket, 8 pt. 5/16"	X	X	X	X
0212-S	Regular Socket, 8 pt. 3/8"	..	..	X	X
0237	Phillips No. 1 Socket Screwdriver	..	..	X	..
0238	Phillips No. 2 Socket Screwdriver	..	..	X	..
0244	Screwdriver, 3/16" x .030"	..	..	X	..
0245	Screwdriver, 1/4" x .030"	..	..	X	..
0246	Reversible Ratchet	..	X	X	X
0247	Extension, 3 1/2"	..	..	X	X
0248	Extension, 6"	..	..	X	X
0251	Hinge Handle, 5 1/2"	..	..	X	X
0252	Universal Joint, 1 1/4"	..	..	X	..
0253	Sliding T-Handle, 4 1/2"	X	X	X	..
0259	Spinner Handle, 6"	X	X	X	..
0265	Flexible Extension, 6"	..	..	X	..
4795-P	Molded Plastic Box, 6 3/4" x 3" x 1 1/8"	X	X	..	X
4796	Metal Box, 12" x 3 1/2" x 1 1/8"	..	..	X	..
	Wt. Lbs.	1.00	1.16	2.93	1.90
4795	Metal Box, 6 3/4" x 3" x 1 1/8" also available.				
	Same tool assortment.				
	Order set	0200AM	0200CM	..	0200FM

P & C 1/4" Socket Sets . . . the convenient and best way to buy to be sure you always have the size and type for the job at hand. Sets include tough plastic box completely indexed for easy socket selection. Metal box also available.



A 6-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
3010-H	3/8"	1"	.04
3012-H	7/16"	1"	.04
3014-H	1/2"	1"	.04
3016-H	9/16"	1"	.04
3018-H	5/8"	1"	.05
3020-H	11/16"	1"	.07
3022-H	3/4"	1 1/8"	.10

B 8-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
3008-S	1/2"	1"	.04
3009-S*	9/32"	1 1/16"	.04
3010-S	5/16"	1 1/8"	.04
3012-S	3/8"	1 1/8"	.06
3014-S	7/16"	1 1/8"	.07
3016-S	1/2"	1 3/8"	.10

*Special 4-point socket fits drain plug on Dynaflo torque converter.

C 12-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
3010	3/8"	1"	.04
3012	7/16"	1"	.04
3014	1/2"	1"	.04
3016	9/16"	1"	.04
3018	5/8"	1"	.05
3019	19/32"	1"	.06
3020	3/4"	1"	.07
3022	11/16"	1 1/8"	.10
3024	3/4"	1 1/8"	.13
3026	13/16"	1 3/8"	.15
3028	7/8"	1 3/8"	.17

D 6-POINT EXTRA DEEP SOCKETS

No.	Opening Size	Length	Wt. Lbs.
3112-H	3/8"	2 1/2"	.10
3114-H	7/16"	2 1/2"	.10
3116-H	1/2"	2 1/2"	.12
3118-H	9/16"	2 1/2"	.14
3120-H	5/8"	2 1/2"	.16
3122-H	11/16"	2 1/2"	.21
3126-HP*	3/4"	2 1/2"	.28

*Special Spark Plug Socket with Neoprene Insert. Hex head permits turning with a wrench.

E 12-POINT EXTRA DEEP SOCKETS

No.	Opening Size	Length	Wt. Lbs.
3112	3/8"	2 1/2"	.10
3114	7/16"	2 1/2"	.10
3116	1/2"	2 1/2"	.10
3118	9/16"	2 1/2"	.12
3120	5/8"	2 1/2"	.15
3122	11/16"	2 1/2"	.18
3124	3/4"	2 1/2"	.20
3126	13/16"	2 3/4"	.28
3128	7/8"	2 3/4"	.28

F 12-POINT UNIVERSAL SOCKETS

No.	Opening Size	Length	Wt. Lbs.
3312	3/8"	1 1/2"	.10
3314	7/16"	1 1/2"	.10
3316	1/2"	1 1/2"	.10
3318	9/16"	1 1/2"	.11
3320	5/8"	1 1/2"	.12
3322	11/16"	1 3/4"	.13
3324	3/4"	2"	.15

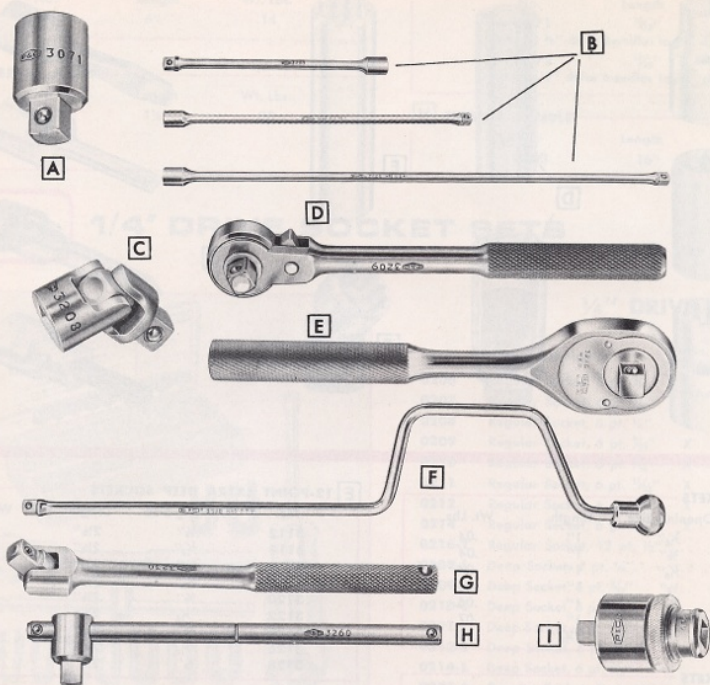
G SCREWDRIVER SOCKETS

No.	Description	Size	Length	Wt. Lbs.
3211	Regular Type	3/16"	2 1/2"	.08
3235	Clutch Head	1/2"	2"	.08
3236	Clutch Head	3/16"	2"	.08
3237	Clutch Head	3/8"	2"	.08
3241	Phillips	No. 2	1 3/8"	.05
3242	Phillips	No. 3	1 3/8"	.05
3243	Phillips	No. 4	1 3/8"	.06
3246	Regular Type	1/2"	1 7/8"	.06
3290-3/8"	Hollow Head Screws	3/8"	2"	.05
3290-1/2"	Hollow Head Screws	1/2"	2"	.06
3290-3/4"	Hollow Head Screws	3/4"	2"	.06
3290-3/8" L*	Hollow Head Screws	3/8"	3"	.07
3290-1/2" L*	Hollow Head Screws	1/2"	2 1/8"	.08
3290-3/4" L*	Hollow Head Screws	3/4"	2 1/8"	.09
3290-1/2" L†	Hollow Head Screws	1/2"	2 3/8"	.10
3290-3/4" L†	Hollow Head Screws	3/4"	2 1/4"	.11
3290-5/8" L†	Hollow Head Screws	5/8"	2 1/4"	.13
3290-3/4" L†	Hollow Head Screws	3/4"	3 1/8"	.14

*For GM Automatic Transmissions.

†For Chevrolet Camber Adjustment.

‡For Ford brakes and Ford, Edsel, Mercury differential filter plugs.



A ADAPTORS

No.	Length	Wt. Lbs.
3071	1 3/8"	.13
(Adapts 1/2" handles to 3/8" drive sockets)		
3072	1 1/8"	.10
(Adapts 3/8" handles to 1/2" drive sockets)		

B EXTENSIONS

No.	Length	Wt. Lbs.
3202	3 1/2"	.13
3203	8"	.25
3205	12 1/2"	.38
3206	18 1/2"	.55

C UNIVERSAL JOINT

No.	Length	Wt. Lbs.
3208	1 3/4"	.10

D RATCHET—SMALL HEAD

Small, narrow-head design. Exposed reversing dog.

No.	Length	Wt. Lbs.
3209*	7 1/4"	.50

E RATCHET—CLOSED HEAD

Completely enclosed head. Keeps ratcheting and reversing mechanism free of dirt.

No.	Length	Wt. Lbs.
3210*	7"	.55

F SPEEDER HANDLE

No.	Length	Wt. Lbs.
3215	18"	.83

G HINGE HANDLE

No.	Length	Wt. Lbs.
3230	7 1/2"	.35

H SLIDING T-HANDLE

No.	Length	Wt. Lbs.
3260	7 1/2"	.35

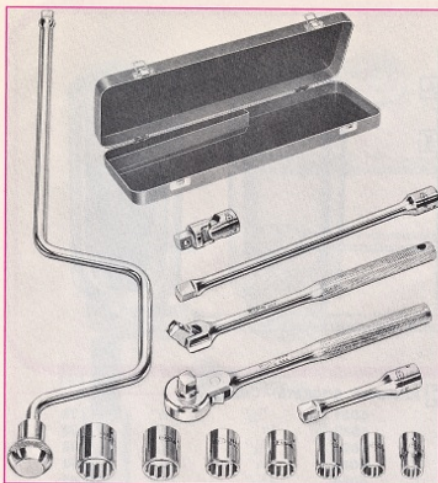
I RATCHETOR

Converts any non-ratcheting handle into a reversible ratcheting device.

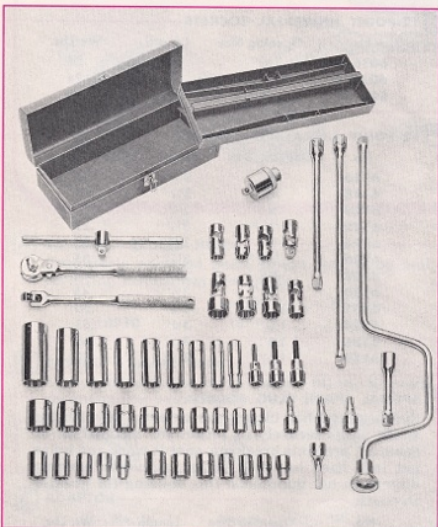
No.	Length	Wt. Lbs.
3247*	2"	.33

*See price list for individual replacement parts.

P & C Tools are engineered for a specific job . . . to make building or repairing easier and faster.



Set No. 3000K



Set No. 3000G

No.	Description	Set No. 3100A	Set No. 3000G	Set No. 3000K	Set No. 3000NR
3012	Regular Socket, 12-pt. 3/8"	X	X	X	
3014	Regular Socket, 12-pt. 7/16"	X	X	X	
3016	Regular Socket, 12-pt. 1/2"	X	X	X	
3018	Regular Socket, 12-pt. 9/16"	X	X	X	
3019	Regular Socket, 12-pt. 5/8"	X	X	X	
3020	Regular Socket, 12-pt. 3/4"	X	X	X	
3022	Regular Socket, 12-pt. 13/16"	X	X	X	
3024	Regular Socket, 12-pt. 3/4"	X	X	X	
3026	Regular Socket, 12-pt. 7/8"	X	X	X	
3028	Regular Socket, 12-pt. 1"	X	X	X	
3010-H	Regular Socket, 6-pt. 3/8"	X	X	X	
3012-H	Regular Socket, 6-pt. 7/16"	X	X	X	
3014-H	Regular Socket, 6-pt. 1/2"	X	X	X	
3016-H	Regular Socket, 6-pt. 9/16"	X	X	X	
3018-H	Regular Socket, 6-pt. 5/8"	X	X	X	
3020-H	Regular Socket, 6-pt. 3/4"	X	X	X	
3022-H	Regular Socket, 6-pt. 13/16"	X	X	X	
3008-S	Regular Socket, 8-pt. 1/2"	X	X	X	
3010-S	Regular Socket, 8-pt. 5/8"	X	X	X	
3012-S	Regular Socket, 8-pt. 3/4"	X	X	X	
3014-S	Regular Socket, 8-pt. 7/8"	X	X	X	
3016-S	Regular Socket, 8-pt. 1"	X	X	X	
3112	Deep Socket, 12-pt. 3/8"	X	X	X	
3114	Deep Socket, 12-pt. 7/16"	X	X	X	
3116	Deep Socket, 12-pt. 1/2"	X	X	X	
3118	Deep Socket, 12-pt. 9/16"	X	X	X	
3120	Deep Socket, 12-pt. 5/8"	X	X	X	
3122	Deep Socket, 12-pt. 3/4"	X	X	X	
3124	Deep Socket, 12-pt. 7/8"	X	X	X	
3126	Deep Socket, 12-pt. 1"	X	X	X	
3128	Deep Socket, 12-pt. 1 1/8"	X	X	X	
5096	Metal Tray	X	X	X	
3202	Extension, 3 1/2"	X	X	X	
3203	Extension, 8"	X	X	X	
3205	Extension, 12 1/2"	X	X	X	
3208	Universal Joint, 1 3/4"	X	X	X	
3209	Reversible Ratchet, 7 1/4"	X	X	X	
3215	Speeder Handle	X	X	X	
3230	Hinge Handle	X	X	X	
3241	No. 2 Phillips Screwdriver	X	X	X	
3242	No. 3 Phillips Screwdriver	X	X	X	
3243	No. 4 Phillips Screwdriver	X	X	X	
3246	Socket Screwdriver, 1/4" x .030"	X	X	X	
3247	Ratchet, 2"	X	X	X	
3260	Sliding T-Handle	X	X	X	
3290-3/16"	Hollow Hd. Screw Socket	X	X	X	
3290-1/8"	Hollow Hd. Screw Socket	X	X	X	
3290-1/4"	Hollow Hd. Screw Socket	X	X	X	
3312	Universal Socket, 12-pt. 3/8"	X	X	X	
3314	Universal Socket, 12-pt. 7/16"	X	X	X	
3316	Universal Socket, 12-pt. 1/2"	X	X	X	
3318	Universal Socket, 12-pt. 9/16"	X	X	X	
3320	Universal Socket, 12-pt. 5/8"	X	X	X	
3322	Universal Socket, 12-pt. 3/4"	X	X	X	
3324	Universal Socket, 12-pt. 7/8"	X	X	X	
5295	Metal Box	X	X	X	
5296	Metal Box	X	X	X	

Wt. Lbs. 2.02 17.50 4.90 3.70

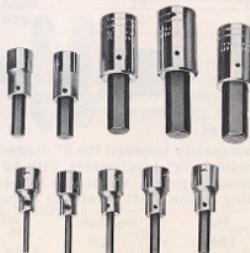
Note: To order set 3000K without box order No. 3000KK.

3000-A HOLLOW HEAD SCREW SOCKET SET

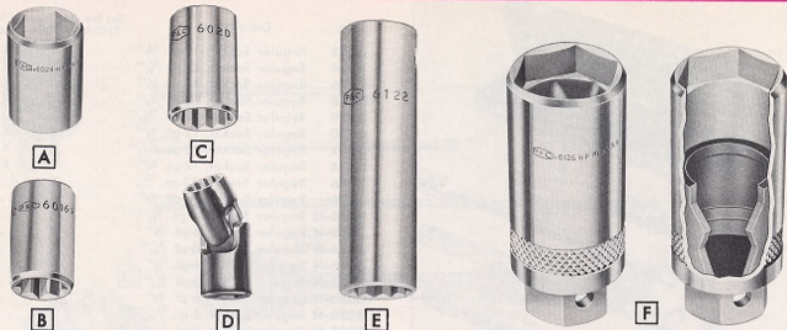
No.	Description
3290-1/8"	3/8" drive, 1/8" bit size
3290-3/32"	3/8" drive, 3/32" bit size
3290-1/16"	3/8" drive, 1/16" bit size
3290-1/32"	3/8" drive, 1/32" bit size
3290-1/4"	3/8" drive, 1/4" bit size
3290-3/16"	3/8" drive, 3/16" bit size
3290-3/8"	3/8" drive, 3/8" bit size
6290-1/2"	1/2" drive, 1/2" bit size
6290-3/8"	1/2" drive, 3/8" bit size
6290-3/16"	1/2" drive, 3/16" bit size
4997	Metal Tray



Set No. 3000A



Wt. Lbs. 2.40



A 6-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
6012-H	3/8"	1 3/8"	.09
6014-H	7/16"	1 3/8"	.10
6016-H	1/2"	1 3/8"	.10
6018-H	9/16"	1 3/8"	.10
6020-H	5/8"	1 3/8"	.11
6022-H	11/16"	1 3/8"	.12
6024-H	3/4"	1 3/8"	.13

B 8-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
6012-S	3/8"	1 3/8"	.13
6014-S	7/16"	1 3/8"	.13
6016-S	1/2"	1 3/8"	.13
6018-S	9/16"	1 3/8"	.18
6020-S	5/8"	1 7/8"	.18
6022-S	11/16"	1 7/8"	.25
6024-S	3/4"	1 7/8"	.36
6026-S	13/16"	1 7/8"	.39
6028-S	7/8"	1 7/8"	.45
6032-S	1"	1 3/4"	.76

C 12-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
6012	3/8"	1 3/8"	.10
6014	7/16"	1 3/8"	.10
6016	1/2"	1 3/8"	.10
6018	9/16"	1 3/8"	.10
6019	19/32"	1 3/8"	.13
6020	5/8"	1 3/8"	.13
6021	21/32"	1 3/8"	.13
6022	11/16"	1 3/8"	.13
6024	3/4"	1 3/8"	.15
6025	25/32"	1 3/8"	.18
6026	13/16"	1 3/8"	.20
6028	7/8"	1 3/8"	.23
6029	29/32"	1 3/8"	.25
6030	15/16"	1 1/2"	.28

C 12-POINT SOCKETS—Continued

6031	31/32"	1 1/2"	.28
6032	1"	1 1/2"	.33
6034	1 1/16"	1 5/8"	.38
6036	1 1/8"	1 5/8"	.40
6038	1 3/8"	1 7/8"	.45
6040	1 1/4"	1 3/4"	.65

D 12-POINT UNIVERSAL SOCKETS

No.	Opening Size	Length	Wt. Lbs.
6016-K	1/2"	2 3/8"	.25
6018-K	9/16"	2 13/16"	.24
6020-K	5/8"	2 15/16"	.25

E 12-POINT EXTRA DEEP SOCKETS

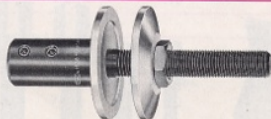
No.	Opening Size	Length	Wt. Lbs.
6116	1/2"	3 1/4"	.23
6118	9/16"	3 1/4"	.23
6120	5/8"	3 1/4"	.23
6122	11/16"	3 1/4"	.25
6124	3/4"	3 1/4"	.30
6126	13/16"	3 1/4"	.35
6128	7/8"	3 1/4"	.45
6130	15/16"	3 1/4"	.50
6132	1"	3 1/4"	.50
6134	1 1/16"	3 1/4"	.63
6136	1 1/8"	3 1/4"	.65
6140	1 1/4"	3 1/4"	.92

F SPECIAL SPARK PLUG SOCKET

Synthetic rubber insert (see cutaway view) holds spark plugs securely in socket for installation or removal, prevents breakage, speeds work and helps get into hard to reach places; prevents burning fingers on hot manifolds. Hex opening for greater strength.

No.	Opening Size	Length	Wt. Lbs.
6126-HP	13/16"	2 1/2"	.28

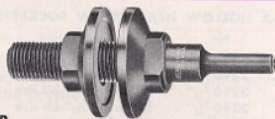
ARBORS



WORK ARBORS

Maximum capacity between the 2" diameter flanges is 2 1/4". Spindle is 1/2" in diameter with 20 threads per inch for holding power. Shank has two set-screws for sure holding to the shaft. Available in two sizes.

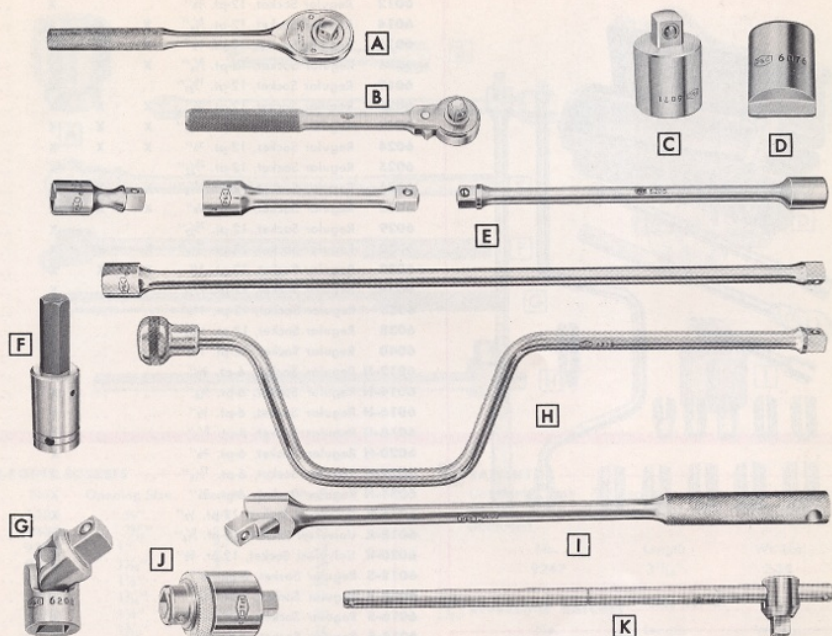
No.	Fits Shaft	Wt. Lbs.
1658	1/2"	.75
1659	5/8"	.75



WHEEL ARBOR

Designed for 1/4" drills. Handles 1/2" shaft diameter attachments. Maximum distance between the 1 3/8" flanges is 1". Maximum recommended wheel: 4" x 1/2". Shank is 3/4" and can be used in any three-jaw chuck of this or larger size.

No.	Description	Wt. Lbs.
1640	1/4" Drill Arbor	.25



A RATCHET — CLOSED HEAD
Completely enclosed head. Keeps ratcheting and reversing mechanism free of dirt.

No.	Length	Wt. Lbs.
*6210	10"	1.28

B RATCHET — SMALL HEAD
Narrow head design fits in smaller places. Exposed reversing dog works easily.

No.	Length	Wt. Lbs.
*6211	10 1/4"	1.20
*6212	16"	1.80

C ADAPTOR

No.	Length	Wt. Lbs.
6071	1 3/8"	.33
(Adapts 3/4" drive handles to 1/2" drive sockets)		
6072	1 3/8"	.25
(Adapts 1/2" drive handles to 3/4" drive sockets)		

D DRAG LINK ADJUSTER

No.	Length	Wt. Lbs.
6076	1 3/8"	.25
(Blade .150" thick, 1/16" wide)		

E EXTENSIONS

No.	Length	Wt. Lbs.
6202	2 1/2"	.24
6203	5"	.40
6205	10"	.65
6206	18"	1.10

F HOLLOW HEAD SCREW SOCKETS

No.	Hex. Bit Size	Length	Wt. Lbs.
6290-1/2	1/2"	3 1/2"	.37
6290-3/8	3/8"	3 3/8"	.48
6290-3/16	3/16"	3 3/8"	.52

G UNIVERSAL JOINT

No.	Length	Wt. Lbs.
6208	2 5/16"	.23

H SPEEDER HANDLE

No.	Length	Wt. Lbs.
6215	18"	1.43

I HINGE HANDLE

No.	Length	Wt. Lbs.
6230	11"	1.08
6235	15"	1.56
6238	18"	1.70

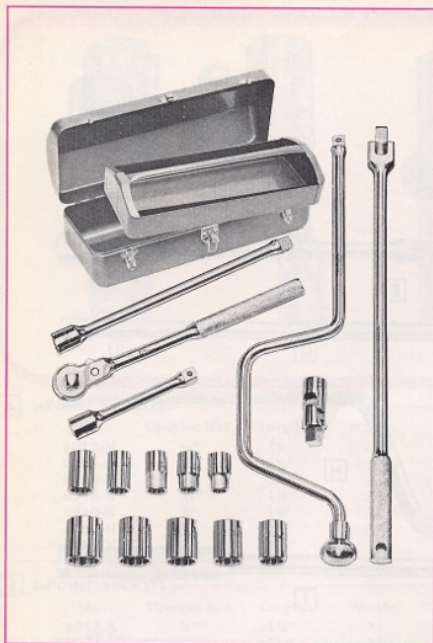
J RATCHETOR
A handy tool in any tool box. Makes any non-ratcheting handle a handy ratcheting tool. Reverses easily. Has minimum drag. Fully enclosed to keep out dirt.

No.	Length	Wt. Lbs.
6247	2 3/4"	.73

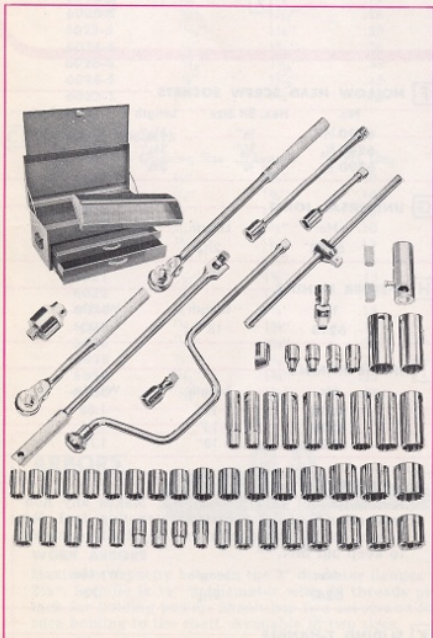
K SLIDING T-HANDLE

No.	Length	Wt. Lbs.
6265	13"	1.30

*See Price List for Replacement Parts



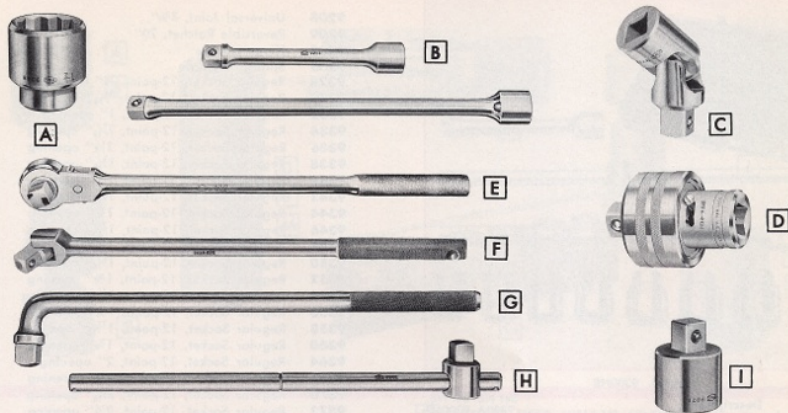
Set No. 6000K



Set No. 6000E

No.	Description	Set No.	Set No.	Set No.	Set No.
		6000C	6000K	6000E	6100A
4515	Stud Remover	..	..	X	..
6012	Regular Socket, 12-pt. 3/8"	..	..	X	..
6014	Regular Socket, 12-pt. 7/16"	X	X	X	..
6016	Regular Socket, 12-pt. 1/2"	X	X	X	..
6018	Regular Socket, 12-pt. 9/16"	X	X	X	..
6019	Regular Socket, 12-pt. 5/8"	..	..	X	..
6020	Regular Socket, 12-pt. 3/4"	X	X	X	..
6022	Regular Socket, 12-pt. 13/16"	X	X	X	..
6024	Regular Socket, 12-pt. 7/8"	X	X	X	..
6025	Regular Socket, 12-pt. 15/16"	..	..	X	..
6026	Regular Socket, 12-pt. 1 1/16"	X	X	X	..
6028	Regular Socket, 12-pt. 3/4"	X	X	X	..
6029	Regular Socket, 12-pt. 29/32"	..	..	X	..
6030	Regular Socket, 12-pt. 1 1/8"	X	X	X	..
6032	Regular Socket, 12-pt. 1 1/4"	X	X	X	..
6034	Regular Socket, 12-pt. 1 1/8"	..	..	X	..
6036	Regular Socket, 12-pt. 1 1/8"	..	..	X	..
6038	Regular Socket, 12-pt. 1 3/8"	..	..	X	..
6040	Regular Socket, 12-pt. 1 1/2"	..	..	X	..
6012-H	Regular Socket, 6-pt. 3/8"	..	..	X	..
6014-H	Regular Socket, 6-pt. 7/16"	..	..	X	..
6016-H	Regular Socket, 6-pt. 1/2"	..	..	X	..
6018-H	Regular Socket, 6-pt. 9/16"	..	..	X	..
6020-H	Regular Socket, 6-pt. 3/4"	..	..	X	..
6022-H	Regular Socket, 6-pt. 13/16"	..	..	X	..
6024-H	Regular Socket, 6-pt. 7/8"	..	..	X	..
6016-K	Universal Socket, 12-pt. 3/8"	..	..	X	..
6018-K	Universal Socket, 12-pt. 7/16"	..	..	X	..
6020-K	Universal Socket, 12-pt. 1/2"	..	..	X	..
6012-5	Regular Socket, 8-pt. 3/8"	..	..	X	..
6014-5	Regular Socket, 8-pt. 7/16"	..	..	X	..
6016-5	Regular Socket, 8-pt. 1/2"	..	..	X	..
6018-5	Regular Socket, 8-pt. 9/16"	..	..	X	..
6020-5	Regular Socket, 8-pt. 3/4"	..	..	X	..
6022-5	Regular Socket, 8-pt. 13/16"	..	..	X	..
6024-5	Regular Socket, 8-pt. 7/8"	..	..	X	..
6026-5	Regular Socket, 8-pt. 15/16"	..	..	X	..
6028-5	Regular Socket, 8-pt. 1 1/8"	..	..	X	..
6032-5	Regular Socket, 8-pt. 1 1/4"	..	..	X	..
6076	Drag Link Socket	..	..	X	..
6116	Deep Socket, 12-pt. 1/2"	..	..	X	X
6118	Deep Socket, 12-pt. 9/16"	..	..	X	X
6120	Deep Socket, 12-pt. 5/8"	..	..	X	X
6122	Deep Socket, 12-pt. 11/16"	..	..	X	X
6124	Deep Socket, 12-pt. 3/4"	..	..	X	X
6126	Deep Socket, 12-pt. 13/16"	..	..	X	X
6128	Deep Socket, 12-pt. 7/8"	..	..	X	X
6130	Deep Socket, 12-pt. 15/16"	..	..	X	X
6132	Deep Socket, 12-pt. 1"	..	..	X	X
6134	Deep Socket, 12-pt. 1 1/16"	..	..	X	X
6136	Deep Socket, 12-pt. 1 1/8"	..	..	X	X
6202	Extension, 2 1/2"	..	..	X	..
6203	Extension, 5"	..	X	X	..
6205	Extension, 10"	..	X	X	..
6208	Universal Joint, 2 3/8"	..	X	X	..
6211	Reversible Ratchet, 10 1/4"	..	X	X	..
6212	Reversible Ratchet, 16"	..	..	X	..
6215	Speeder Handle	..	X	X	..
6235	Hinge Handle, 15"	X	..	..	..
6238	Hinge Handle, 18"	..	X	X	..
6247	Ratchet	..	..	X	..
6265	Sliding T-Handle	..	..	X	..
5393	Metal Tray	..	..	..	X
5494	Metal Box	X	..	..	..
5497	Metal Box	..	X	..	..
9991	Metal Box	..	..	X	..

Note: To order set 6000E without box order No. 6000D



A 12-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
9328	7/8"	2"	.35
9330	1 1/8"	2"	.40
9332	1"	2"	.43
9334	1 1/4"	2"	.48
9336	1 1/2"	2 1/4"	.53
9338	1 3/4"	2 1/4"	.58
9340	1 1/2"	2 1/4"	.70
9342	1 3/4"	2 1/4"	.70
9344	1 3/8"	2 1/4"	.73
9346	1 7/8"	2 1/4"	.80
9348	1 1/2"	2 1/4"	.85
9350	1 3/8"	2 3/4"	.90
9352	1 3/8"	2 3/4"	1.05
9354	1 11/16"	2 1/2"	1.35
9356	1 3/4"	2 1/2"	1.45
9358	1 13/16"	2 3/4"	1.80
9360	1 3/4"	2 3/4"	1.90
9364	2"	2 3/4"	2.13
9368	2 1/8"	2 3/4"	2.45
9370	2 1/8"	3 1/4"	3.25
9372	2 1/4"	3 3/8"	3.50
9376	2 3/8"	3 3/8"	3.62

B EXTENSIONS

No.	Length	Wt. Lbs.
9203	5"	1.05
9204	8"	1.43
9206	16"	2.30

C UNIVERSAL JOINT

No.	Length	Wt. Lbs.
9208	3 3/4"	1.00

D RATCHETOR

Converts any 3/4" square drive non-ratcheting handle into a ratcheting tool. Easily reversed. Fully enclosed.

No.	Length	Wt. Lbs.
9247	3 13/16"	2.35

E REVERSIBLE RATCHET

No.	Length	Wt. Lbs.
9209	20"	4.00

F HINGE HANDLE

No.	Length	Wt. Lbs.
9238	20"	3.20

G L-HANDLE

No.	Length	Wt. Lbs.
9255	17 1/2"	2.35

H SLIDING T-HANDLE

No.	Length	Wt. Lbs.
9265	18"	2.73

I ADAPTORS

No.	Length	Wt. Lbs.
9071	2 1/2"	1.10
(Adapts 1" attachment to 3/4" drive sockets)		
9072	2 1/4"	.58
(Adapts 3/4" attachment to 1" drive sockets)		

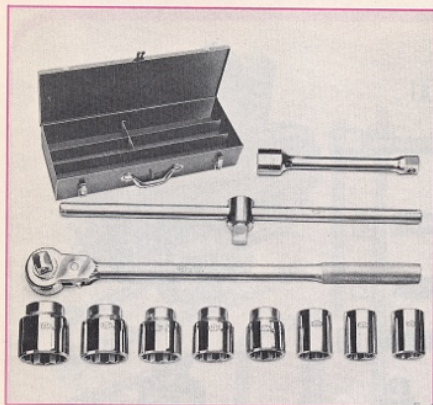
SPACELITE[®] ALUMINUM

SPACELITE ALUMINUM RATCHET AND HINGE HANDLES

43% lighter than steel! Yet torque performance exceeds Federal specifications for steel ratchets and equals them in strength. Less fatigue. Handle designed for firm, comfortable grip. Strong, dependable alloy steel reversible ratchet mechanism and drive.

No.	Description	Drive	Length	Wt. Lbs.
9210	Ratchet	3/4"	19 3/4"	3.50
9237	Hinge Handle	3/4"	21 1/2"	2.75
9537	Hinge Handle	1"	26"	5.75





Set No. 9300NR

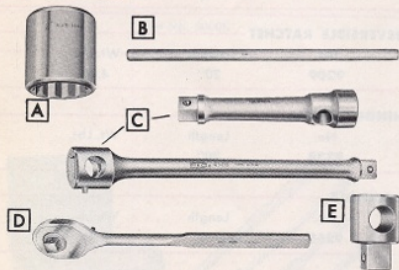
No.	Description	Set No. 9300A	Set No. 9300NR
9203	Extension, 5"	X	..
9204	Extension, 8"	X	X
9206	Extension, 16"	X	..

No.	Description	Set No. 9300A	Set No. 9300NR
9208	Universal Joint, 3/4"	X	..
9209	Reversible Ratchet, 20"	X	X
9238	Hinge Handle	X	..
9265	Sliding T-Handle	X	X
9328	Regular Socket, 12-point, 7/8" opening	X	..
9330	Regular Socket, 12-point, 15/16" opening	X	..
9332	Regular Socket, 12-point, 1" opening	X	..
9334	Regular Socket, 12-point, 1 1/16" opening	X	X
9336	Regular Socket, 12-point, 1 1/8" opening	X	X
9338	Regular Socket, 12-point, 1 1/4" opening	X	..
9340	Regular Socket, 12-point, 1 1/2" opening	X	X
9342	Regular Socket, 12-point, 1 3/8" opening	X	X
9344	Regular Socket, 12-point, 1 3/4" opening	X	..
9346	Regular Socket, 12-point, 1 7/8" opening	X	X
9348	Regular Socket, 12-point, 1 1/2" opening	X	X
9350	Regular Socket, 12-point, 1 3/4" opening	X	..
9352	Regular Socket, 12-point, 1 5/8" opening	X	X
9354	Regular Socket, 12-point, 1 11/16" opening	X	..
9356	Regular Socket, 12-point, 1 3/4" opening	X	X
9358	Regular Socket, 12-point, 1 13/16" opening	X	..
9360	Regular Socket, 12-point, 1 7/8" opening	X	..
9364	Regular Socket, 12-point, 2" opening	X	..
9368	Regular Socket, 12-point, 2 1/4" opening	X	..
9370	Regular Socket, 12-point, 2 3/8" opening	X	..
9372	Regular Socket, 12-point, 2 1/4" opening	X	..
9376	Regular Socket, 12-point, 2 3/8" opening	X	..
9695	Metal Box, 22 1/4" x 8" x 3 3/4"	..	X
9696	Steel Box, 23 1/2" x 9 1/4" x 4"	..	..

Wt. Lbs. 75.00 20.00



1" DRIVE SOCKETS, ATTACHMENTS



1" DRIVE SOCKET SETS

No.	Description	Set No. 9500-B	Set No. 9500-OC
9501	Cross Bar, 1" diameter, 24" length	X	X
9504	Extension, 9"	X	X
9506	Extension, 18"	X	..
9509	Reversible Ratchet	X	X
9565	Sliding Head	X	X
9552	Regular Socket, 12-point, 1 3/8" opening	X	..
9558	Regular Socket, 12-point, 1 13/16" opening	X	X
9560	Regular Socket, 12-point, 1 7/8" opening	X	..
9564	Regular Socket, 12-point, 2" opening	X	X
9570	Regular Socket, 12-point, 2 3/8" opening	X	X
9572	Regular Socket, 12-point, 2 1/4" opening	X	..
9576	Regular Socket, 12-point, 2 3/8" opening	X	X
9580	Regular Socket, 12-point, 2 1/2" opening	X	..
9582	Regular Socket, 12-point, 2 3/4" opening	X	..
9584	Regular Socket, 12-point, 2 5/8" opening	X	..
9588	Regular Socket, 12-point, 2 3/4" opening	X	X
9594	Regular Socket, 12-point, 2 13/16" opening	X	..
9596	Regular Socket, 12-point, 3" opening	X	..
9600	Regular Socket, 12-point, 3 1/8" opening	X	..
9612	Regular Socket, 12-point, 3 1/2" opening	X	..
5894	Metal Box, 30" x 8 1/4" x 5"	..	X
5895	Metal Box, 30" x 12 1/2" x 5 1/2"	X	..

Wt. Lbs. 150 60

A 12-POINT SOCKETS

No.	Opening Size	Length	Wt. Lbs.
9552	1 3/8"	3 1/4"	1.73
9558	1 13/16"	3 5/8"	1.85
9560	1 7/8"	3 3/4"	1.94
9564	2"	3 3/4"	2.20
9570	2 3/8"	3 3/4"	3.10
9572	2 1/4"	3 13/16"	3.40
9576	2 3/8"	3 15/16"	3.90
9580	2 1/2"	4"	4.60
9582	2 3/4"	4"	4.90
9584	2 5/8"	4 1/8"	5.20
9588	2 3/4"	4 3/8"	6.20
9594	2 15/16"	4 3/8"	7.70
9596	3"	4 3/8"	7.90
9600	3 1/8"	4 7/8"	9.60
9612	3 1/2"	5 1/2"	15.00

B CROSS BAR

No.	Length	Wt. Lbs.
9501	24"	5.30

C EXTENSIONS

No.	Length	Wt. Lbs.
9504	9"	3.60
9506	18"	6.00

D RATCHET

No.	Length	Wt. Lbs.
9509	26"	12.00

E SLIDING HEAD (For 9501 Bar)

No.	Length	Wt. Lbs.
9565	3"	1.48

Every P&C Tool is GUARANTEED against defects in workmanship or materials. You can buy P&C with confidence.



3/8" DRIVE POWER SOCKETS

A 6-POINT SOCKETS

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
7210-H	5/16"	1 1/32"	1 5/8"	.07
7212-H	3/8"	1 1/32"	1 5/8"	.05
7214-H	7/16"	7/16"	1 5/8"	.05
7216-H	1/2"	7/16"	1 5/8"	.06
7218-H	9/16"	7/16"	1 5/8"	.07
7220-H	5/8"	7/16"	1 5/8"	.10
7222-H	11/16"	9/16"	1"	.16
7224-H	3/4"	9/16"	1"	.21

1/2" DRIVE POWER SOCKETS

B 6-POINT SOCKETS

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
7412-H	3/8"	3/8"	1 1/2"	.13
7414-H	7/16"	3/8"	1 1/2"	.14
7416-H	1/2"	3/8"	1 1/2"	.17
7418-H	9/16"	23/32"	1 1/2"	.17
7420-H	5/8"	3/4"	1 1/2"	.17
7422-H	11/16"	3/4"	1 1/2"	.22
7424-H	3/4"	13/16"	1 1/2"	.26
7426-H	13/16"	13/16"	1 1/2"	.38
7428-H	7/8"	21/32"	1 1/2"	.31
7430-H	15/16"	7/8"	1 3/4"	.45
7432-H	1"	1"	1 3/4"	.48
7434-H	1 1/16"	1 1/4"	2"	.55
7436-H	1 1/8"	1 1/4"	2"	.66
7438-H	1 3/8"	1 1/4"	2"	.71
7440-H	1 1/2"	1 1/4"	2"	.79

C 6-POINT UNIVERSAL SOCKETS

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
7474	7/16"	7/16"	2 1/2"	.35
7475	1/2"	1/2"	2 1/2"	.35
7476	9/16"	9/16"	2 1/2"	.36
7477	5/8"	9/16"	2 1/2"	.36
7478	11/16"	9/16"	2 1/2"	.36
7479	3/4"	5/8"	2 1/2"	.36

D 6-POINT DEEP LENGTH SOCKETS

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
7312-H	3/8"	2 1/16"	3 1/4"	.33
7314-H	7/16"	2 1/16"	3 1/4"	.33

D 6-POINT DEEP LENGTH SOCKETS — Continued

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
7316-H	1/2"	2 1/8"	3 1/4"	.31
7318-H	9/16"	2 1/8"	3 1/4"	.37
7320-H	5/8"	2 1/8"	3 1/4"	.36
7322-H	11/16"	2 1/8"	3 1/4"	.41
7324-H	3/4"	2 1/8"	3 1/4"	.59
7326-H	13/16"	2 1/8"	3 1/4"	.56
7328-H	7/8"	2 1/8"	3 1/4"	.62
7330-H	15/16"	2 3/4"	3 1/2"	.86
7332-H	1"	2 3/4"	3 1/2"	.90
7334-H	1 1/16"	2 3/4"	3 1/2"	1.00
7336-H	1 1/8"	2 3/4"	3 1/2"	1.02
*S7336-H	1 1/8"	5"	5 1/4"	1.76

* (This special socket has been designed for use on the spindle nut of cotton picking machines.)

E WHEEL LUG SOCKET WRENCH

Fits 85% of all cars. Has 3/4" and 13/16" openings on opposite ends of the socket with 1/2" square drive in the center. Snap-out extension adapts socket to standard 1/2" drive impact wrench.

No.	Description	Wt. Lbs.
7402W	Wheel Lug Socket Set	.75
	(7401 Socket only. 7182-P Extension only)	

F UNIVERSAL JOINT

No.	Description	Wt. Lbs.
7470	Universal Joint—Ball Type	.38

G 1/2" DRIVE POWER SOCKET SET #7400D

No.	Description
7416-H	Regular Socket, 6-point, 1/2" opening
7418-H	Regular Socket, 6-point, 3/8" opening
7420-H	Regular Socket, 6-point, 7/16" opening
7422-H	Regular Socket, 6-point, 1/2" opening
7424-H	Regular Socket, 6-point, 3/4" opening
7426-H	Regular Socket, 6-point, 13/16" opening
9974	Metal Tray with handle lock
	Wt. Lbs. 1.70

3/4" DRIVE IMPACT SOCKETS

H 4-POINT SOCKET

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
*07513-S5	1 1/8"	1 3/8"	2 1/8"	.82

*Designed for Budd Wheels.

(Illustrations on page 51)

3/4" DRIVE IMPACT SOCKETS

I 6-POINT SOCKETS — 3/4" DRIVE

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
07509	3/16"	3/4"	1 7/8"	.67
07510	3/16"	3/4"	1 7/8"	.67
07511	1/4"	3/4"	1 7/8"	.66
07512	3/4"	1"	1 7/8"	.68
07513	1/2"	1"	1 7/8"	.62
07514	7/8"	1"	2"	.70
07515	1 1/8"	1"	2"	.86
07516	1"	1 1/4"	2 1/8"	1.00
07517	1 1/8"	1 1/4"	2 1/8"	1.14
07518	1 1/4"	1 1/4"	2 1/8"	1.28
07519	1 3/8"	1 1/4"	2 3/8"	1.32
07520	1 1/2"	1 1/4"	2 3/8"	1.36
07521	1 3/4"	1 1/4"	2 3/8"	1.42
07522	1 3/8"	1 1/2"	2 3/4"	1.62
07523	1 3/8"	1 3/4"	2 3/8"	1.56
*07524	1 1/2"	1 3/4"	2 3/8"	1.62

**Suitable for Budd Wheels.

J 6-POINT DEEP SOCKET — 3/4" DRIVE

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
*07524-L	1 1/2"	2 3/8"	3 1/2"	2.60

*Designed for Budd Wheels.

"O" RINGS AND PINS FOR IMPACT SOCKETS

No.	Drive Size	Description	For Sockets Numbered
07500-P	3/4"	Pin	07509 thru 07524
07500-R	3/4"	"O" Ring	07513SS & 07524L
10000-P1	1"	Pin	10012 thru 10024
10000-R1	1"	"O" Ring	10013SS & 10024L
10000-P2	1"	Pin	10025 thru 10040
10000-R2	1"	"O" Ring	

1" DRIVE IMPACT SOCKETS

4-POINT SOCKET — 1" DRIVE

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
*10013-SS	1 1/8"	7/8"	2 3/8"	1.16

L 6-POINT SOCKETS — 1" DRIVE

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
10012	3/4"	1"	2 3/8"	.96
10014	7/8"	1"	2 3/8"	1.04
10015	1 1/8"	1 1/4"	2 3/8"	1.02
10016	1"	1 1/4"	2 3/8"	1.06
10017	1 1/8"	1 1/4"	2 3/8"	1.28
**10018	1 1/8"	1 1/4"	2 3/8"	1.30
10019	1 3/8"	1 1/4"	2 3/8"	1.28
10020	1 1/4"	1 3/8"	2 1/2"	1.28
10021	1 3/8"	1 1/2"	2 3/8"	1.30
10022	1 3/8"	1 1/2"	2 3/8"	1.46
10023	1 3/8"	1 1/2"	2 1/8"	1.46
**10024	1 1/2"	1 1/2"	2 3/4"	1.46
10025	1 3/8"	1 3/4"	2 1/8"	1.56
10026	1 3/8"	1 3/4"	2 1/8"	1.78
10027	1 1/2"	1 3/4"	2 1/8"	1.96
10028	1 3/4"	1 3/4"	3"	2.00
10029	1 3/8"	1 3/4"	3 1/8"	2.50
10030	1 7/8"	1 7/8"	3 1/8"	2.30
10032	2"	1 7/8"	3 1/2"	3.20
10034	2 1/4"	1 7/8"	3 3/8"	3.40
10036	2 1/4"	2"	3 1/2"	4.10
10038	2 3/8"	2"	3 3/8"	4.20
10040	2 1/2"	2 3/8"	4"	4.90

M 6-POINT DEEP SOCKET — 1" DRIVE

No.	Opening Size	Bolt Depth	Total Length	Wt. Lbs.
*10024-L	1 1/2"	2 1/4"	3 1/2"	2.40

*Designed for Budd Wheels.

**Suitable for Budd Wheels.

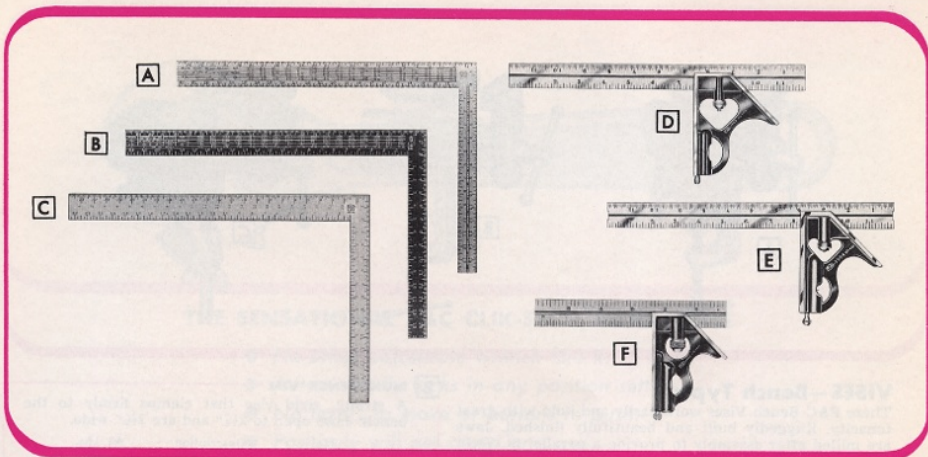
IMPACT WRENCH

Powerful... Shock Safe... Easy to handle... guaranteed...
37% MORE TORQUE.



Made for the professional user by the world's largest maker of hand-held tools for the auto mechanic. This wrench is doubly insulated and may be used with absolute safety even under the dampest conditions. Housing of sturdy aluminum alloy and handle of insulating Lexan. Delivers 2000 impacts per minute with 95-130 pounds of torque. No load speed is 1900 RPM. Will handle up to 3/8" bolt size. This wrench delivers 37% more torque than any comparable priced wrench. Available in both two-cord and three-cord models. Draws 4 amps at 115 volts AC.

No.	Type Cord	Overall Length	Wt. Lbs. (Less cord)
EN16	2-wire	11 1/8"	6 3/4
EN16-1	3-wire	11 1/8"	6 3/4



SQUARES

P&C Squares are made from a single piece of metal, hard rolled and shaped to amazing accuracy. Markings are deep etched and are easy to read.

A ALUMINUM RAFTER SQUARE

Made of aluminum alloy. Graduated in 16ths on face; 16ths, 12ths and 10ths on back. Octagon and brace tables plus 100ths scale on tongue. Essex board table on body.

No.	Body Size	Tongue Size	Wt. Lbs.
1992	24" x 2"	16" x 1½"	1.04

B RAFTER SQUARE

High grade steel with 4ths and 8ths as graduations. Rafter tables on one side and Essex board plus Brace tables on the other. Blued finish.

No.	Body Size	Tongue Size	Wt. Lbs.
1991	24" x 2"	16" x 1½"	2.00

C FRAMING SQUARE

Made of high grade steel graduated in 4ths and 8ths with Essex board measure and Brace tables on one side. Bright finish.

No.	Body Size	Tongue Size	Wt. Lbs.
1990	24" x 2"	16" x 1½"	2.00

COMBINATION SQUARES

All have grooved blades for a more positive hold. Markings are deeply etched and easily read. All have handy built-in levels and scribes that stay put.

D STAINLESS STEEL COMBINATION SQUARE

Has 12" blade of rustproof stainless steel. End notched for marking pencil. Tough, cast iron frame has accurately machined faces.

No.	Wt. Lbs.
1995	1.25

E PREMIER COMBINATION SQUARE

The favorite of professional carpenters. Has 12" steel blade with ends notched to hold pencil. Working faces are accurately milled.

No.	Wt. Lbs.
1994	.87

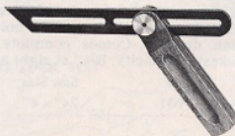
F 6" POCKET COMBINATION SQUARE

A handy item when you are away from the bench. Has cast beam and grooved blade.

No.	Wt. Lbs.
1996	.38

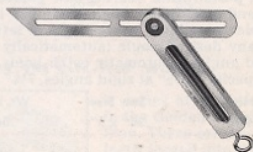
BEVELS

Adjust easily and have positive locking devices that hold the angle when once set.

**CARPENTER'S BEVEL**

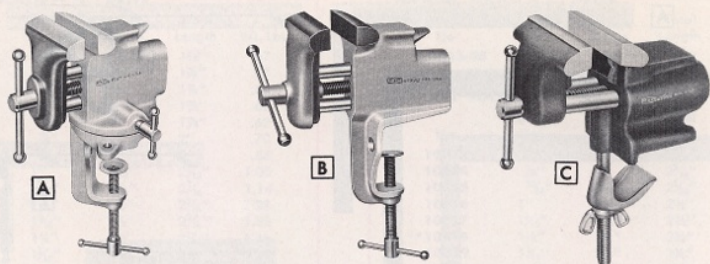
Has black, rust resistant finish. Locking nut is solid brass. Handle is lacquered Goncalo.

No.	Blade Length	Wt. Lbs.
1601	8"	.25

**ALL METAL BEVEL**

Highly polished blade with handle of one-piece cast iron all plated to resist rust. Lock gives positive hold and operates by turning knob on handle.

No.	Blade Length	Wt. Lbs.
1600	8"	.58

**VISES—Bench Type**

These P&C Bench Vises work easily and hold with great tenacity. Ruggedly built and beautifully finished. Jaws are milled after assembly to provide a parallel fit. Twin guide rod construction and smooth working screw assure easy opening adjustment. Strong clamp opens to a full 2" for maximum bench hold. Small anvil included in the vise body is handy for many straightening and shaping jobs.

A SWIVEL BENCH VISE

Permits jaws to be swung to the angle best suited to the job at hand. Swivel clamping mechanism works smoothly and holds securely. Jaws are 2½" wide and open to 2¼".

No.	Description	Wt. Lbs.
1997	Swivel Bench Vise	5.50

B RIGID BENCH VISE

A strong, rigid vise that clamps firmly to the bench. Jaws open to 2¼" and are 2½" wide.

No.	Description	Wt. Lbs.
1998	Rigid Bench Vise	4.00

C PREMIER BENCH VISE

Big 3" jaws that open to 2¾". Parallel guide rods add strength and sturdiness plus keeping work from touching the screw. Has V-grooved jaws for holding rounds. Unbreakable ¾" steel clamping stud and power-grip cantilever clamping foot fits vise to bench.

No.	Description	Wt. Lbs.
1999	Rigid Bench Vise	3.25

MITRE BOXES**A LANGDON ACME MITRE BOX**

One-piece cast iron back and bed. Steel swing lever and posts. Oilite bearing saw guides. Graduated arc and index plate. High grade saw included. Extendable swing lever swings right or left 90° and locks at any desired angle (automatically locks at most used angles). Automatic catch holds saw elevated. Capacity: 10½" at right angles, 7¼" at mitre.

No.	Saw Size	Wt. Lbs.
1930	28" x 5"	36

B ECONOMY MITRE BOX

Of sturdy steel and wood construction. Has die-cast saw guides and positive adjustable depth lock. Accurate angle cuts from 0° to 50°. Graduated index plate and quick-acting lock. Complete with saw.

No.	Saw Size	Wt. Lbs.
1932	4" x 16"	6.63

C POPULAR MITRE BOX

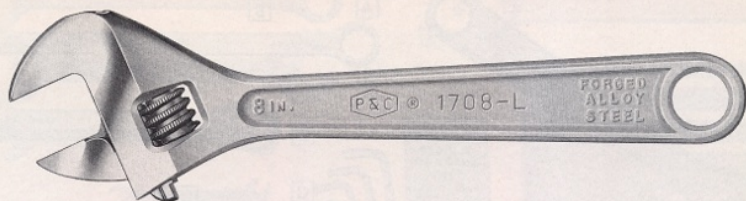
Similar to the well known Langdon Acme but smaller. One-piece cast iron bed and back. Swinging lever goes right or left, locks in most used positions. Automatic catch holds saw elevated when desired. Comes complete with top grade backsaw. Capacity: 8¾" at right angles, 6" at mitre.

No.	Saw Size	Wt. Lbs.
1931	24" x 4"	30

D HARD MAPLE MITRE BOX

Handy in any workshop. Made of selected, kiln dried rock maple. Extra broad 5" width. Has one 45° face mitre, two regular 45° mitres and one 90° square cut. Cannot become misaligned.

No.	Length	Wt. Lbs.
1933	12"	2.25



THE SENSATIONAL P&C CLIK-STOP® ADJUSTABLE

- No other adjustable wrench like it.
- Automatically locks in any position setting.
- No levers to move or buttons to push.
- Positively will not creep or crawl.
- Works easily, smoothly to any opening.

The P&C Klik-Stop is the first important improvement to adjustable wrenches since this tool was invented. It overcomes easily and positively the one weakness of the adjustable wrench . . . its tendency to change adjustment while being used. Now with the P&C Klik-Stop you avoid those damaged bolt heads and nuts. No longer do you have to fear skinned knuckles and the hazards from slipping tools. The answer is the fast, positive, locking action of the Klik-Stop. You set it and it stays. Every position is a locked position.

In addition to the Klik-Stop feature, P&C measures up in every other way to make it the finest tool money can buy. This wrench is thinner to fit into tight places. Yet nothing in the way of strength and tightening power has been sacrificed. All important points of stress are "beefed up" with added metal. Only the finest special alloy steel is used. The handle is of I-beam construction for maximum strength. Head is offset 22½° for turning nuts in tight places. Available in both beautiful chrome and black industrial finish.

CLIK-STOP ADJUSTABLE WRENCH—FULL CHROME FINISH

No.	Length	Max. Opening	Wt. Lbs.
1704-L	4"	½"	.10
1706-L	6"	¾"	.23
1708-L	8"	1"	.54
1710-L	10"	1½"	.85
1712-L	12"	1¾"	1.56
1715-L	15"	1⅞"	3.25
1716-L	16"	1⅞"	3.68
1718-L	18"	2½"	4.75
1720-L	20"	2½"	6.28

CLIK-STOP ADJUSTABLE WRENCH—INDUSTRIAL FINISH

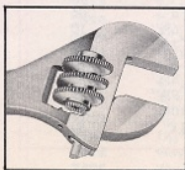
No.	Length	Max. Opening	Wt. Lbs.
1704-SL	4"	½"	.10
1706-SL	6"	¾"	.23
1708-SL	8"	1"	.54
1710-SL	10"	1½"	.85
1712-SL	12"	1¾"	1.56
1715-SL	15"	1⅞"	3.25
1716-SL	16"	1⅞"	3.68
1718-SL	18"	2½"	4.75
1720-SL	20"	2½"	6.28

TRY THIS LOCK TEST

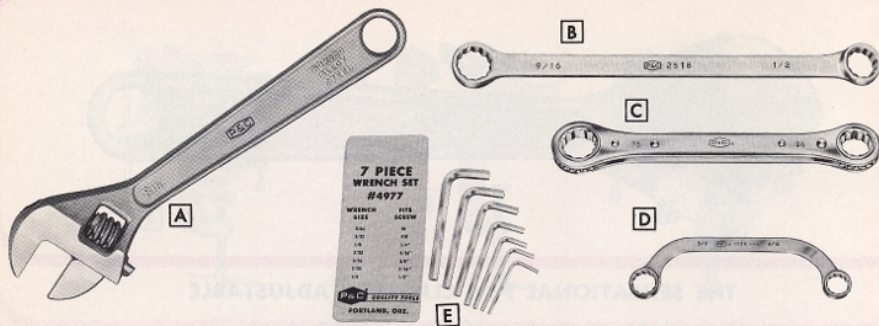


Tighten the Klik-Stop on your finger. Try to turn the Golden Knurl. You can't. The weight of the handle alone keeps it locked. Yet it always adjusts easily.

THIS IS HOW THE CLIK-STOP WORKS!



A series of serrations are cast in the Golden Knurl of the Klik-Stop. These serrations lock into teeth forged into the side of the knurl opening. These "locking" elements are kept engaged by a light spring loading of the knurl. There is always full freedom to adjust the wrench and every setting is a locked setting.



Hot forging from special alloy steel followed by scientific tempering and precision machining... this is the combination that makes P&C Wrenches unbeatable. Each is shaped for fitting into tight places with thin heads that sacrifice no strength or toughness. Handles are flat and thin with eased edges to make them easy on the hands.

A ADJUSTABLE WRENCHES — STANDARD

This wrench is designed for maximum strength with minimum weight. This combination is achieved by engineering skill in design and master craftsmanship in manufacture.

FULL CHROME PLATED

No.	Length	Max. Opening	Wt. Lbs.
1704	4"	1/2"	.10
1706	6"	3/4"	.23
1708	8"	1"	.54
1710	10"	1 1/8"	.85
1712	12"	1 3/8"	1.56
1715	15"	1 7/8"	3.25
1716	16"	1 7/8"	3.68
1718	18"	2 1/8"	4.75
1720	20"	2 1/2"	6.28

INDUSTRIAL FINISH

No.	Length	Max. Opening	Wt. Lbs.
1704-5	4"	1/2"	.10
1706-5	6"	3/4"	.23
1708-5	8"	1"	.54
1710-5	10"	1 1/8"	.85
1712-5	12"	1 3/8"	1.56
1715-5	15"	1 7/8"	3.25
1716-5	16"	1 7/8"	3.68
1718-5	18"	2 1/8"	4.75
1720-5	20"	2 1/2"	6.28

B BOX WRENCHES — 12-POINT

Box openings chamfered to guide wrench onto nut, bolt heads. Once on, it cannot slip or spread, needs only 15° swing to turn a nut. Heads offset 15° from shank to provide knuckle clearance.

No.	Opening Size	Length	Wt. Lbs.
2512	3/16" x 3/8"	5"	.06
2514	3/8" x 7/16"	6 1/2"	.10
2516	7/16" x 1/2"	7 1/2"	.15
2518	1/2" x 9/16"	8"	.20
2520	5/8" x 3/4"	8 1/2"	.25
2522	3/4" x 13/16"	9 1/2"	.35
2524	3/4" x 3/4"	10 3/4"	.40
2525	13/16" x 3/4"	11"	.50

BOX WRENCHES — 12-POINT — Continued

No.	Opening Size	Length	Wt. Lbs.
2528	3/4" x 7/8"	12"	.63
2529	13/16" x 7/8"	13 3/4"	.68
2532	15/16" x 1"	15 1/2"	.90
2536	1 1/16" x 1 1/8"	17 1/2"	1.30
2540	1 3/16" x 1 1/4"	18 1/2"	1.38
2542	1 1/4" x 1 3/8"	19 1/2"	1.54
2544	1 1/4" x 1 3/8"	20 1/4"	1.82
2548	1 3/8" x 1 1/2"	21 1/4"	2.00

C RATCHETING BOX WRENCHES — 6 AND 12-POINT

Turning over wrench reverses direction. Laminated construction adds strength and reduces weight.

No.	Opening Size	Type of Opening	Overall Length	Wt. Lbs.
1190	7/16" x 1/2"	6-point	5"	.30
1191	1/2" x 3/8"	6-point	4 1/4"	.12
1192	3/8" x 7/16"	6-point	5 1/2"	.20
1193	1/2" x 3/8"	6-point	6 3/4"	.40
1194	5/8" x 1/2"	12-point	8"	.66
1195	3/4" x 7/8"	12-point	9 1/4"	.79
1196	5/8" x 3/4"	12-point	8 1/4"	.64

D OBSTRUCTION BOX WRENCHES

Works around corners. Handy for removing, replacing many starter motors.

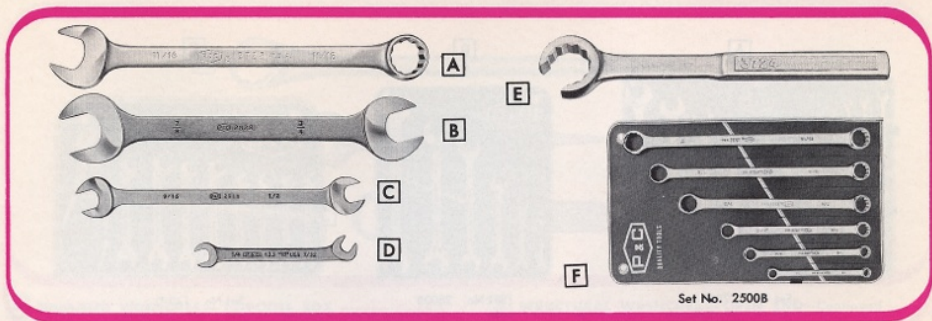
No.	Opening Size	Length	Wt. Lbs.
1725	7/16" x 1/2"	5 7/8"	.12
1730	3/16" x 5/8"	7 3/4"	.20
1731	5/8" x 3/4"	7 3/4"	.33

E HOLLOW HEAD WRENCH SET

This set has seven of the most popular sizes to fit Allen head screws. Hexagon shape in leverage providing "L" form. Sizes 5/64 (fits No. 8 set screws), 3/32 (No. 10), 1/4 (1/4"), 5/32 (5/16"), 3/16 (3/8"), 7/32 (7/16") and 1/4 (1/2").

No.	Item	Wt. Lbs.
4977	Wrench Set	.20

See page 45 for Socket Drive Allen Head Wrenches.



Set No. 2500B

A COMBINATION BOX AND OPEN-END WRENCHES

Box end offset 15° for knuckle clearance, 12-point design turns hex nut with only 15° swing. Open end at 15° angle to shank needs only 30° swing.

No.	12-point Opening	Length	Wt. Lbs.
2708	1/4" (6-pt.)	3"	.02
2710	3/8"	3 3/8"	.05
2712	3/8"	4 1/2"	.07
2714	7/8"	5 3/8"	.10
2716	1 1/2"	6 1/4"	.14
2718	3/4"	7"	.20
2720	3/8"	7 3/4"	.26
2722	1 1/8"	8 1/2"	.32
2724	3/4"	9 1/4"	.41
2726	1 3/8"	10 3/8"	.50
2728	7/8"	11 1/4"	.59
2730	1 3/8"	12 1/4"	.62
2732	1"	13 3/8"	.86
2734	1 1/4"	14 1/2"	1.03
2736	1 1/2"	15 3/4"	1.23
2740	1 1/4"	17"	1.70
2742	1 5/8"	18 1/2"	1.95
2744	1 3/4"	19 1/2"	2.20
2746	1 7/8"	20 3/4"	2.50
2748	1 1/2"	21 7/8"	2.90
2752	1 3/8"	23"	3.50
2754	1 11/16"	23"	3.40
2756	1 3/4"	26"	5.80
2758	1 13/16"	26"	5.70
2760	1 3/8"	26"	5.60
2764	2"	26"	5.50

B OPEN-END WRENCHES

Jaw openings precisely milled for positive fit without slipping. The 15° jaw angle, by "flopping" wrench, allows continuous turning of hex nut in 30° swing.

No.	Opening	Length	Wt. Lbs.
2808	3/16" x 1/4"	4 1/4"	.02
2810	1/4" x 3/8"	3 1/2"	.05
2812	5/16" x 3/8"	4"	.06
2814	3/8" x 7/16"	4 1/2"	.08
2816	7/16" x 1/2"	5"	.11
2818	1/2" x 3/8"	5 1/2"	.15
2819	1/2" x 13/32"	6"	.15
2820	9/16" x 3/8"	6 1/2"	.21
2821	19/32" x 11/16"	7"	.26
2822	5/8" x 11/16"	7 1/2"	.28
2824	3/4" x 3/4"	8 1/4"	.30
2825	11/16" x 3/4"	9"	.33
2828	3/4" x 3/8"	10"	.46
2829	13/16" x 7/8"	10 1/2"	.59
2831	7/8" x 1 1/16"	11 1/8"	.70
2832	15/16" x 1"	12"	.85
2836	1 1/16" x 1 1/8"	13 3/8"	1.30
2840	1 1/16" x 1 1/4"	14 3/8"	1.50
2842	1 1/4" x 1 3/16"	16 1/4"	2.10

B OPEN-END WRENCHES — Continued

No.	Opening	Length	Wt. Lbs.
2846	1 3/8" x 1 7/16"	17 3/4"	2.40
2852	1 1/2" x 1 3/8"	19 1/2"	3.80

C THIN HEAD OPEN-END WRENCHES

Especially designed for tappet work. Special alloy steel gives extra strength to very thin, tapered jaws. Long handles increase leverage.

No.	Opening	Length	Wt. Lbs.
2916	3/16" x 1/2"	9"	.18
2918	1/2" x 3/16"	9"	.18

D MIDGET WRENCHES

One jaw at 15°, other at 60° on each wrench. Opening sizes duplicated at other angle on companion wrench.

No.	15° End	60° End	Length	Wt. Lbs.
130	13/64"	15/64"	3"	.02
131	1/8"	7/64"	3"	.02
132	7/32"	1/4"	3"	.02
133	1/4"	1/32"	3"	.02
134	9/32"	2/16"	3 1/2"	.03
135	5/16"	7/32"	3 1/2"	.03
136	11/32"	3/8"	3 3/4"	.05
137	3/8"	11/32"	3 3/4"	.05

E FLARE NUT WRENCHES

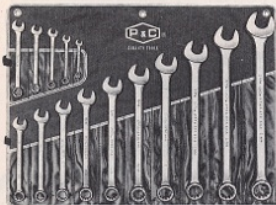
Semi-box head slips over tubing for seating onto flare nuts. For use on fluid or gas lines in hydraulic units, air brake systems, compressors, etc.

No.	Opening	Length	Wt. Lbs.
3712	3/8"	6 1/4"	.23
3714	7/16"	6 3/4"	.22
3716	1/2"	6 1/2"	.24
3718	9/16"	6 5/8"	.23
3720	5/8"	6 3/4"	.32
3724	3/4"	7"	.38
3728	7/8"	7 1/4"	.48

F BOX WRENCH SETS

No.	Description	Set No. 2500B	Set No. 2500M
2512	3/16" x 3/8" opening	..	X
2514	3/8" x 1/2" opening	X	..
2516	7/16" x 1/2" opening	..	X
2518	1/2" x 3/8" opening	X	..
2520	9/16" x 3/8" opening	..	X
2522	5/8" x 11/16" opening	X	..
2524	3/4" x 3/4" opening	..	X
2525	1 1/16" x 3/4" opening	..	X
2528	3/4" x 7/8" opening	X	..
2529	13/16" x 7/8" opening	X	..
2532	1 1/8" x 1" opening	X	X
2536	1 1/8" x 1 1/8" opening	..	X
2418	Vinyl Kit	..	X
2425	Vinyl Kit	X	..
	Wt. Lbs.	3.30	5.20

A



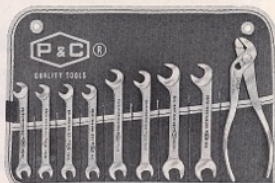
Set No. 2700F

B



Set No. 2800B

C



Set No. 140-D

A COMBINATION WRENCH SETS

No.	Description	Set No. 2700B	Set No. 2700F
2710	3/16" opening	..	X
2712	3/8" opening	..	X
2714	7/16" opening	X	X
2716	1/2" opening	X	X
2718	9/16" opening	X	X
2720	5/8" opening	X	X
2722	11/16" opening	X	X
2724	3/4" opening	X	X
2726	13/16" opening	..	X
2728	7/8" opening	..	X
2730	15/16" opening	..	X
2732	1" opening	..	X
2734	1 1/16" opening	..	X
2736	1 1/8" opening	..	X
2740	1 1/4" opening	..	X
2413	Plastic Kit	..	X
2427	Plastic Kit	X	..
	Wt. Lbs.	1.70	10.00

OPEN-END WRENCH SETS—Continued

		Set No. 2800B	Set No. 2800H
2825	1 1/16" x 3/4" opening	X	X
2829	1 3/16" x 7/8" opening	X	X
2832	1 1/2" x 1" opening	X	X
2836	1 1/4" x 1 1/8" opening	..	X
2410	Plastic Kit	..	X
2428	Plastic Kit	X	..
	Wt. Lbs.	2.50	4.60

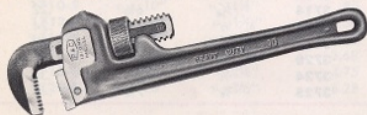
C IGNITION WRENCH SETS

No.	Description	Set No. 140-C	Set No. 140-D
	15° End 60° End		
130	1 3/16" 1 3/16"	X	X
131	1 1/8" 1 3/16"	X	X
132	7/8" 1 1/4"	X	X
133	1/4" 7/8"	X	X
134	9/16" 7/8"	X	X
135	5/8" 9/16"	X	X
136	1 1/32" 3/4"	X	X
137	3/4" 1 1/32"	X	X
442	Screwdriver	X	..
1235	Pliers	..	X
1281	Pliers	X	..
2302	Point File — 5"	X	..
9853	Screw Starter	X	..
000-D	Ignition Gauge Set	X	..
2416	Vinyl Kit	..	X
2420	Vinyl Kit	X	..
	Wt. Lbs.	.50	.60

B OPEN-END WRENCH SETS

No.	Description	Set No. 2800B	Set No. 2800H
2810	1/4" x 3/4" opening	..	X
2812	3/8" x 3/4" opening	X	X
2816	7/16" x 1/2" opening	X	X
2818	1/2" x 3/4" opening	..	X
2820	5/8" x 3/4" opening	X	X
2824	3/4" x 3/4" opening	..	X

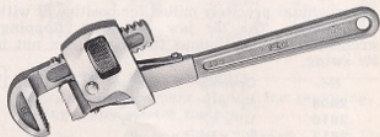
PIPE WRENCHES



HEAVY-DUTY TYPE

Heat-treated, precision milled teeth, replaceable jaw or wrench body recessed into frame to prevent shearing of pin under extreme loads; pipe sizes marked on forged hook jaw, I-beam handle of alloy ductile iron, and alloy steel jaws.

No.	Length	Maximum Pipe Size	Wt. Lbs.
1806-HD	6"	3/4"	.45
1808-HD	8"	1"	.85
1810-HD	10"	1 1/2"	1.80
1814-HD	14"	2"	3.50
1818-HD	18"	2 1/2"	5.80
1824-HD	24"	3"	9.60

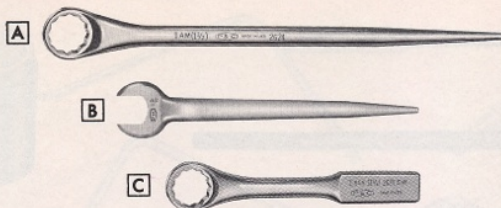


NORMAL DUTY STILLSON PATTERN

Strength far exceeds Government normal-duty specifications. Forged and heat-treated special steel handle of panel I-beam type, strengthened strain points, an easy-turning knurl, and hard, tough jaw teeth that are deep-milled for positive grip.

No.	Length	Maximum Pipe Size	Wt. Lbs.
1806	6"	1/2"	.32
1808	8"	3/4"	.65
1810	10"	1"	1.38
1814	14"	1 1/2"	2.60
1818	18"	2"	4.10
1824	24"	2 1/2"	7.30

See Price List for Individual Replacement Parts.

**A** SPUD-END WRENCHES — 12-POINT BOX

Makes quick work of loosening frozen or rusted bolts or nuts. The spud end is handy for aligning holes in flanges. Note the clearance provided by the offset head which overcomes the usual obstruction problems.

No.	Size	Total Length	Wt. Lbs.
2615	1 ⁵ / ₈ "	14 ¹ / ₂ "	1.13
2617	1 ³ / ₈ "	15 ³ / ₈ "	1.30
2618	1 ¹ / ₄ "	16 ¹ / ₄ "	1.94
2620	1 ¹ / ₄ "	17"	2.20
2623	1 ³ / ₈ "	19"	3.00
2624	1 ¹ / ₂ "	20 ¹ / ₈ "	3.30
2626	1 ³ / ₈ "	21 ¹ / ₄ "	3.60
2627	1 ¹ / ₂ "	22 ¹ / ₄ "	3.70
2629	1 ³ / ₈ "	23 ¹ / ₄ "	5.50
2630	1 ⁷ / ₈ "	24 ¹ / ₄ "	5.60
2632	2"	25 ¹ / ₄ "	6.00
2635	2 ¹ / ₈ "	26"	6.40
2638	2 ³ / ₈ "	26 ¹ / ₂ "	7.00
2641	2 ¹ / ₂ "	28"	8.70
2644	2 ³ / ₄ "	29"	8.20
2647	2 ⁵ / ₈ "	29 ¹ / ₄ "	12.00
2650	3 ¹ / ₈ "	30"	11.00

B STRUCTURAL WRENCHES — OPEN END

Tapered handle aligns bolt holes. Offset handle to clear adjoining bolts, protect operator's hands. Hot forged from special analysis alloy steel, scientifically heat treated for greatest strength and longest wear. Sand blasted satin finish clear lacquer coated.

No.	Opening Size	Length	Wt. Lbs.
924	3/4"	11"	.80

B STRUCTURAL WRENCHES — OPEN END—Continued

No.	Opening Size	Length	Wt. Lbs.
926	1 ³ / ₈ "	12 ¹ / ₈ "	.90
928	7/8"	12 ¹ / ₈ "	.90
932	1"	13"	1.30
934	1 ¹ / ₈ "	14"	1.50
936	1 ¹ / ₈ "	14"	1.50
940	1 ¹ / ₄ "	16"	2.50
942	1 ³ / ₈ "	16"	2.50
946	1 ³ / ₈ "	18"	3.80
948	1 ¹ / ₂ "	18"	3.80
952	1 ³ / ₈ "	20"	5.80

C STRIKING WRENCHES — 12-POINT BOX

Striking wrenches have a square striking surface for use with a sledge or hammer. They are offset to allow maximum clearance.

No.	Size	Total Length	Wt. Lbs.
2617-SW	1 ¹ / ₄ "	8 ¹ / ₂ "	1.70
2618-SW	1 ¹ / ₄ "	8 ¹ / ₂ "	1.60
2620-SW	1 ¹ / ₄ "	10 ³ / ₄ "	3.20
2621-SW	1 ³ / ₈ "	10 ³ / ₄ "	3.00
2623-SW	1 ¹ / ₄ "	12"	4.70
2624-SW	1 ¹ / ₂ "	12"	4.40
2626-SW	1 ³ / ₈ "	12 ¹ / ₄ "	4.60
2627-SW	1 ¹ / ₂ "	12 ¹ / ₄ "	4.50
2629-SW	1 ³ / ₈ "	13 ¹ / ₈ "	6.60
2630-SW	1 ⁷ / ₈ "	13 ¹ / ₈ "	6.80
2632-SW	2"	13 ¹ / ₈ "	6.60
2635-SW	2 ¹ / ₈ "	13 ³ / ₈ "	8.20
2638-SW	2 ³ / ₈ "	13 ³ / ₈ "	7.80
2641-SW	2 ¹ / ₂ "	13 ³ / ₈ "	8.70
2644-SW	2 ³ / ₄ "	13 ³ / ₈ "	8.20
2647-SW	2 ⁵ / ₈ "	16"	13.00
2650-SW	3 ¹ / ₈ "	16"	12.00

GLASS CUTTERS

P&C Glass Cutters give a clean cut that breaks away easily without ragged edges or splintering. Wheels stay sharp and run true. Handles are designed to fit the hand for greatest comfort in use and maximum control of the cutter.

**TURRET HEAD CUTTER**

This is the original of this design and is famous for high grade performance. Turret turned from solid bar steel and heat treated for maximum wear. Six tested wheels mounted on numbered turret axle can be used successively. A top grade tool at low cost.

No.	Overall Length	Wt. Lbs.
1985	5 ⁷ / ₈ "	.07

**BREAKER-BALL CUTTER**

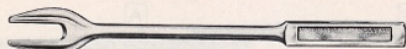
This well balanced cutter comes with a breaker-ball for tapping the cut. Has type "D" wheel and three widths of breaker notches.

No.	Overall Length	Wt. Lbs.
1986	5"	.08

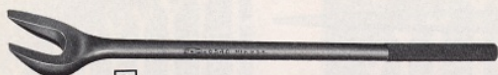
**EASY-USE CUTTER**

This cutter fits the hand naturally and can be used for long periods without fatigue. Equipped with a type "D" cutter. Has three standard widths of breaker notches to fit most glass thicknesses.

No.	Overall Length	Wt. Lbs.
1987	5 ¹ / ₄ "	.08



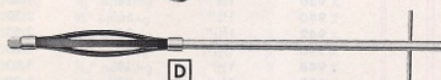
A



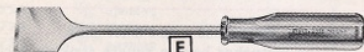
B



C



D



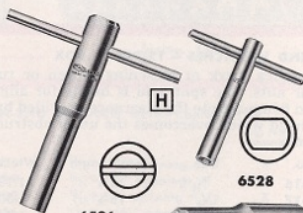
E



F



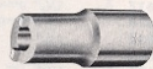
G



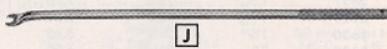
H

6528

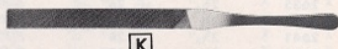
6526



I



J



K

A DRAG LINK AND SHOCK ARM TOOL

Slim, tapered fork is designed to facilitate insertion. Fork opening, 21/32".

No.	Length	Wt. Lbs.
6545	16"	2.30

B PITMAN ARM PRY BAR

Use for pulling bearings, pulleys, gears, for lifting blocks, heavy parts. Fork opening, 1 1/4".

No.	Length	Wt. Lbs.
6546	20"	2.80

C PISTON RING COMPRESSOR

Band-operating ratchet prevents breakage and slippage. Wide band (3 1/2") has 2 3/8" to 5" range. Ell handle included.

No.	Wt. Lbs.
2316	.70

D VALVE GUIDE CLEANER

Turning a nut adjusts the five flexible blades to any valve guide size.

No.	Length	Wt. Lbs.
2335	9 3/4"	.10

E GASKET SCRAPER

Has U.L. approved handle of tough, fire-resistant plastic, and forged blade of special alloy steel.

No.	Blade Width	Length	Wt. Lbs.
2336	1 1/2"	11 1/4"	.41

F FLEXIBLE CARBON SCRAPER

Sliding band regulates the flexibility.

No.	Blade Width	Length	Wt. Lbs.
2337	1"	9"	.30

G CONNECTING ROD SOCKET

Thin nose, hexagon, 1/2" drive socket for Ford V8s.

No.	Opening	Length	Wt. Lbs.
6523	3/16"	1 1/16"	.11

H CARBURETOR JET WRENCHES

Turns jets quickly without damaging soft jet metal.

No.	Wt. Lbs.
6526	Fits Holley and Chandler-Groves carburetors .07
6528	Fits most Strombergs .06

I DISTRIBUTOR POINT SOCKET

For Chevrolets. Two prongs turn the housing terminal screw. Alloy steel. Drive, 3/4".

No.	Length	Wt. Lbs.
6535	1 1/16"	.02

J VALVE LIFTER

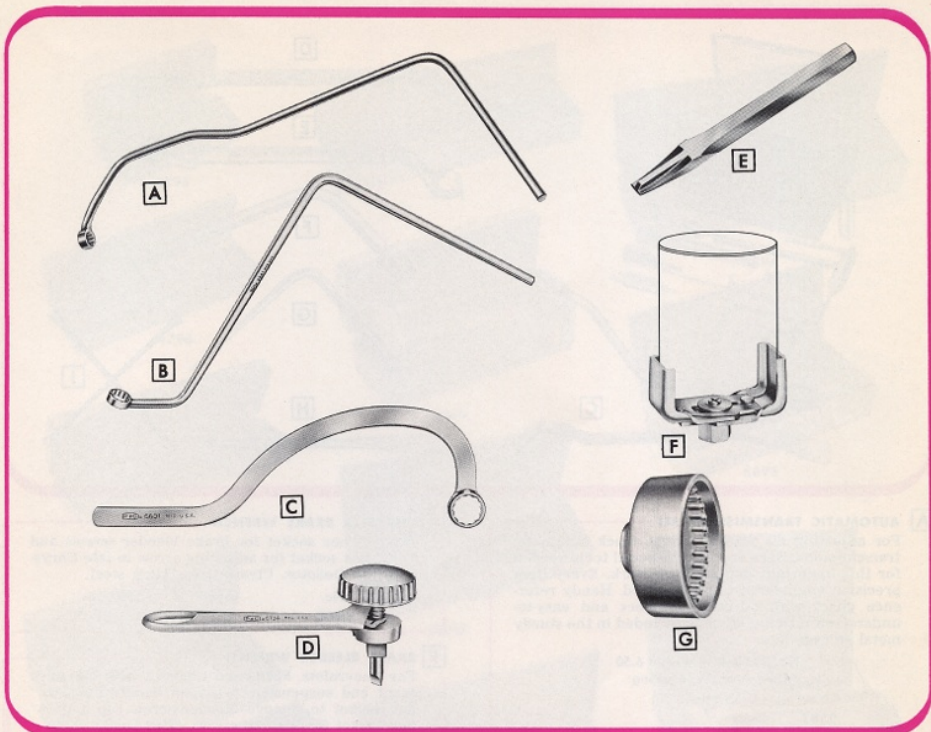
Ford V8-85. Long leverage breaks loose the toughest guides. Stock, 3/4". Alloy steel.

No.	Length	Wt. Lbs.
6539	30"	3.50

K IGNITION POINT FILE

Blade is 5/16" wide and 5 3/4" long.

No.	Description	Wt. Lbs.
2302	Ignition Point File	.02



A UNIVERSAL DISTRIBUTOR WRENCH
 Designed especially for '57 Fords, but desirable wherever $\frac{1}{2}$ " hold-down nuts are used on distributors. Alloy steel, chrome plated.

No.	Length	Wt. Lbs.
6540	17"	.70

B BUICK DISTRIBUTOR WRENCH
 For reaching and turning distributor mounting bolt on certain Buicks. Head has 12-point, $\frac{9}{16}$ " box opening and is offset $1\frac{1}{8}$ " to clear obstructions. Alloy steel.

No.	Length	Wt. Lbs.
6541	$10\frac{1}{4}" \times 8"$	.57

C STARTER WRENCH
 For Plymouth, Dodge, DeSoto and Chrysler cars. Clears objects when removing or replacing starter. $\frac{5}{8}$ " box opening. Alloy steel.

No.	Length	Wt. Lbs.
6601	$9\frac{3}{4}"$	.35

D OVERHEAD VALVE ADJUSTERS
 For accuracy, speed and ease when adjusting overhead valves. Using a $\frac{1}{2}$ " drive socket, loosen lock nut, turn alloy steel screwdriver with knob for adjustment (setting valve clearance with feeler gauges), and tighten lock nut with handle while holding screwdriver knob. Also used with clutch adjusting machines.
 For all 6-cylinder and many V8 overhead valve engines without hydraulic lifters. Has clearance for

D OVERHEAD VALVE ADJUSTERS—Continued
 adjusting valves under fire wall on certain 6-cylinder Chevrolets.

No.	Max. Bit Length	Wt. Lbs.
6734	$1\frac{1}{2}"$	.33
6735	$3\frac{3}{32}"$	.36

E MUFFLER REMOVAL TOOL
 Best way yet to remove worn out mufflers and tail-pipes! Safe, fast and easy to use. Helps prevent damage to usable parts. Made of special high-strength alloy steel.

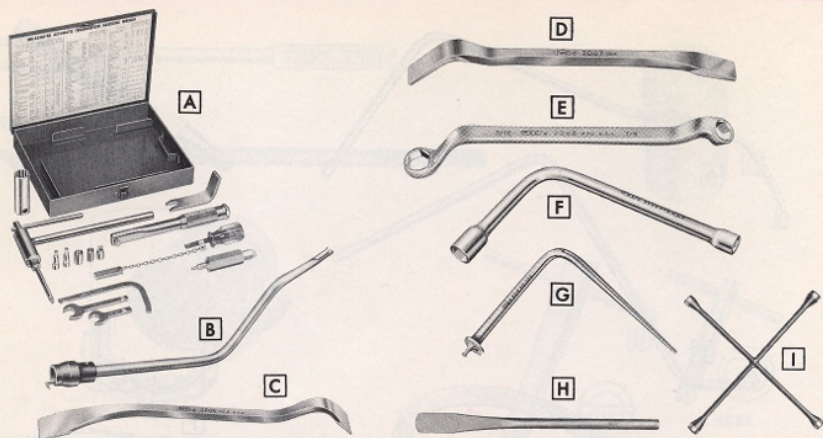
No.	Length	Wt. Lbs.
2301	$5\frac{7}{8}"$	.29

F OIL FILTER REMOVAL TOOL
 Takes a vise-like grip to remove oil filters in a breeze! Self locking, self adjusting. Use on most standard domestic units and many foreign types of disposable filters. Designed to protect hands and arms from hot manifolds.

No.	Wt. Lbs.
2304	.90

G FORD FUEL FILTER WRENCH
 Eliminates damage and distortion to fuel filter bowls. Special socket gives precise fit and makes removal easy. Made of high-strength die-cast aluminum.

No.	Wt. Lbs.
2303	.30

**A AUTOMATIC TRANSMISSION SET**

For adjusting all auto and light truck automatic transmissions. Here are all the special tools needed for this important maintenance work. Every item precision engineered to fit the need. Handy reference chart with adjustment specs and easy-to-understand instruction book included in the sturdy metal storage box.

No. 2350-A — Weight 6.50

Consists of the following:

No.	Description
2361	Chart
9973	Metal Box
5324	3/4" Opening, 1/2" Drive Socket
2357	Band Adjuster
2353	1/4" Gauge
6061	Torque Wrench, 1/4" Drive
4742	1/4" Allen Hex Socket
4741	3/32" Allen Hex socket
4710-S	5/16" Socket, 1/4" Drive
4710	3/8" Socket, 1/4" Drive
4743	Screwdriver Bit
2359	Handle and 1/4" Gauge
2354	Servo Gauge — Front
2355	Servo Gauge — Rear
2356	3/8" O. E. Wrench
2352	1/4" O. E. Wrench

B BRAKE ADJUSTING TOOL

To remove and replace Bendix Brake Springs (General Motors' cars and many others) and any type where the spring is attached to a post. Replaceable spring removal socket.

No.	Wt. Lbs.
2005	.40

C BENDIX BRAKE ADJUSTING TOOL

Adjusts star nuts on two-shoe Bendix brakes. Has 1 3/4" spoons.

No.	Length	Wt. Lbs.
2006	9 1/4"	.30

D CHEVROLET BRAKE ADJUSTING TOOL

For Chevrolet brakes and other close places. Has 1-3/16" and 1-7/16" spoons.

No.	Length	Wt. Lbs.
2007	6 3/8"	.18

E CHRYSLER BRAKE WRENCH

Has 3/8" hex socket for brake bleeder screws and 7/16" hex socket for adjusting screw in late Chryslers and DeSotos. Clears tires. Alloy steel.

No.	Length	Wt. Lbs.
2008	7 3/8"	.19

F BRAKE BLEEDER WRENCH

For Chevrolets, Fords and Lincolns with ball-joint front end suspension. L-shaped handle has 5/16" hex socket to remove bleeder screw cap and 3/8" hex socket for turning screw. Alloy steel.

No.	Length	Wt. Lbs.
2009	6 3/4"	.24

G CHRYSLER BRAKE SPRING TOOL

Forged, milled and swaged from alloy steel, this tool designed to quickly remove and replace brake shoe returns on certain Chryslers, DeSotos, Dodges and Plymouths.

No.	Length	Wt. Lbs.
2010	5 1/2" x 6 1/2"	.25

H BROAD TIRE IRON

Paddle shaped blade lifts larger area of tire from rim. Thin blade gives best balance with light weight. Hot forged alloy steel with dipped, satin finish.

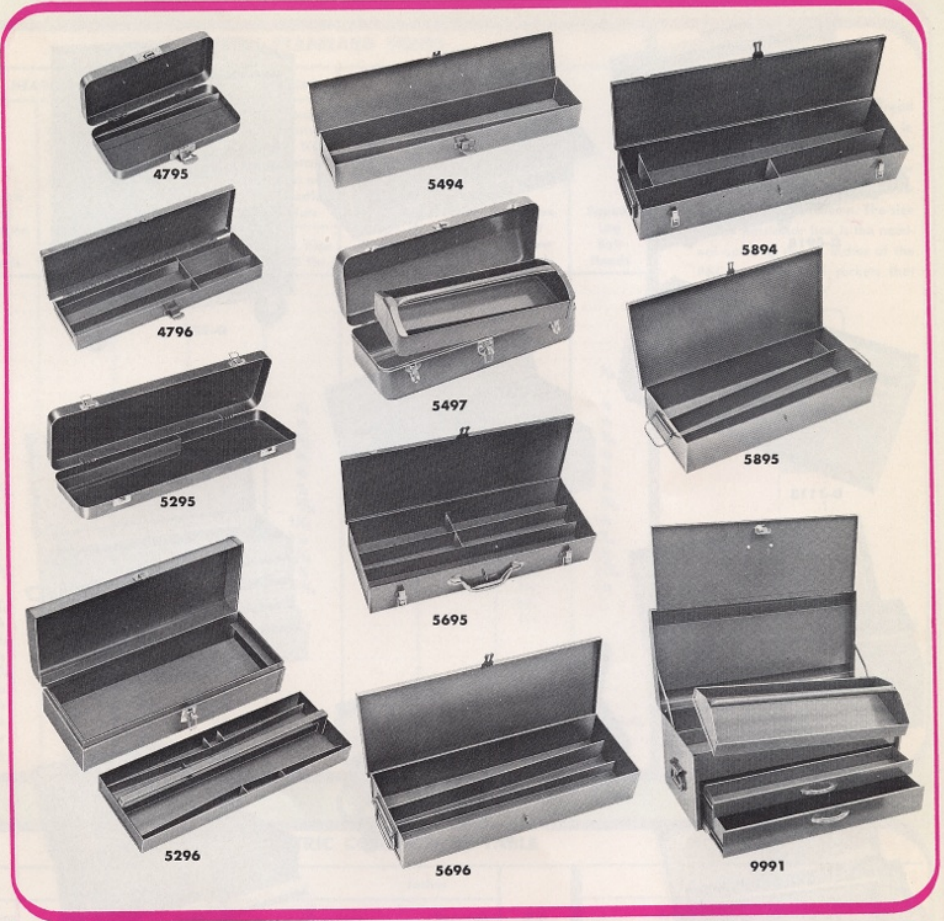
No.	Description	Wt. Lbs.
2007	18"	2.00

I FOUR-WAY LUG WRENCHES

Forged from alloy steel and induction welded for greatest strength and durability. Hex openings. Two sizes to clear wide fenders.

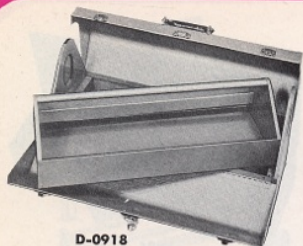
No.	Size	Length	Wt. Lbs.
1175	3/4" x 1 1/16" x 3/4" x 7/8"	18"	3.00
1176	3/4" x 1 1/16" x 3/4" x 7/8"	21 1/2"	3.20

Every P & C Tool is GUARANTEED against defects in workmanship or materials. You can buy P & C with confidence.



P&C Tool Boxes, Chests and Cabinets are designed by men who use them every day. Forming is precise, joints are tight and smooth, welds will not give way, handles are smooth for ease in carrying and finishes are baked on for years of lasting under the toughest of usage. From hasp to hinge, P&C Boxes are the professional's choice.

No.		Length	Width	Depth	Wt. Lbs.
4795	Just the thing for small parts like 1/4" drive sockets and attachments.	6 3/4"	3"	1 1/4"	.52
4796	A quality box with tapered compartment for sockets, room for more.	12"	3 1/2"	1 3/8"	1.16
5295	Has sturdy hinge and sure-hold catch. Just the size for 3/8" drive.	17 1/4"	5 1/4"	1 1/2"	1.70
5296	Capacity for 3/8" drive and more. Rounded corners and deep top.	19"	7"	4 3/4"	9.00
5494	Holds large number of 1/2" drive sockets plus associated tools.	16 1/4"	3"	2"	1.86
5497	A beauty. Rounded corners, easy-carry handle, full piano hinge.	18 3/4"	7 1/4"	6"	7.00
5695	For 3/4" drive sockets and attachments. Has 2 spring catches and hasp.	22 1/2"	8"	3 3/4"	9.00
5696	Big and heavy duty for 3/4" drive plus many other tools. Handle on end.	23 1/2"	9 1/4"	4"	19.50
5894	Extra heavy duty for the biggest of sets. Reinforced, riveted.	30"	8 1/4"	5"	13.60
5895	Made just like the previous box but has more capacity.	30"	12 1/2"	5 1/2"	37.00
9991	For master sets. Has tote tray, divided top section, 2 big drawers.	26"	12"	11 3/4"	34.00



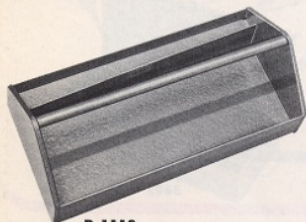
D-0918



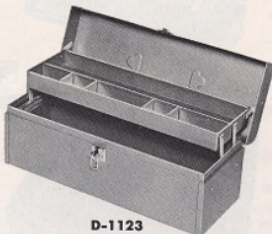
D-1121



D-1216



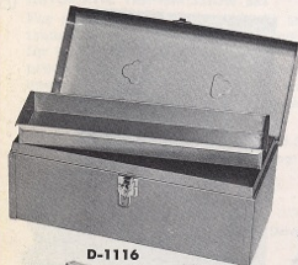
D-1113



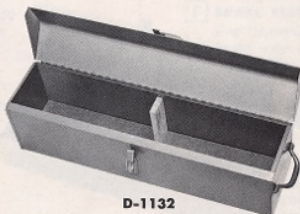
D-1123



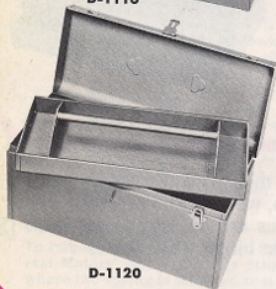
D-1225



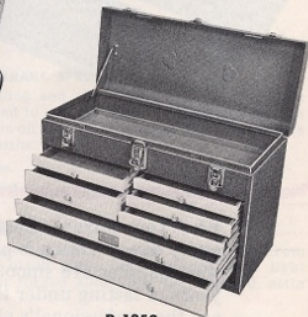
D-1116



D-1132



D-1120



D-1250

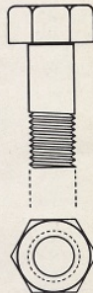
No.		Length	Width	Depth	Wt. Lbs.
D-0918	Large tool compartment plus tote tray. Full length hinge.....	19"	10"	13"	16.50
D-1113	Has big capacity with socket section. Handle rolled steel.....	19"	9½"	3"	3.75
D-1116	Has removable tote tray and big storage space. Full length hinge.....	16"	7"	7"	6.00
D-1120	Handles a big assortment. Full length hinge, hasp and catches.....	20"	8½"	9½"	11.50
D-1121	Spill-proof design easy to carry, open and use. Tote tray included.....	21"	8½"	7½"	10.00
D-1123	Cantilever tray type that is easy to use. Sturdy with big capacity.....	19"	7"	7"	6.50
D-1132	Popular hip design. Has clips to hold level, block for saws.....	32¼"	8"	9¾"	12.00
D-1216	The best of roller cabinets. Cover gives complete safety.....	26¾"	18"	32½"	86.00
D-1225	The best of cabinets. Matches roller cabinet above for a set.....	26"	12"	14½"	54.50
D-1250	For use with precision tools. Drawers lined with green flock.....	20½"	8½"	13½"	31.50

Standard Bolt, Nut and Screw Sizes Corresponding to Sizes of P&C Wrenches and Sockets

Thread Diameter of Bolt, Nut or Screw	AMERICAN STANDARD SERIES									
	HEAVY		REGULAR		LIGHT		Hexagon Full Finished Cap Screw Heads	Square and Hexagon Machine Screw Nuts and Square Stove Bolt Nuts	Square Set Screw Heads	Square Lag Bolt Heads
	Square and Hexagon Bolt Heads	Square Nuts and Hexagon Nuts, Jam Nuts and Slotted Nuts	Square and Hexagon Bolt Heads (Mach. Bolt Heads)	Square Nuts and Hexagon Nuts, Jam Nuts and Slotted Nuts	Hexagon Nuts, Jam Nuts, Slotted Nuts and Castle Nuts	Nat. Fine (SAE Thr.)				
		USS Nuts								
#0 & 1							$\frac{5}{32}$			
#2 & 3							$\frac{3}{16}$			
#4							$\frac{1}{4}$			
#5 & 6							$\frac{5}{16}$			
#8							$\frac{11}{32}$			
#10							$\frac{3}{8}$		$\frac{3}{16}$	
#12							$\frac{7}{16}$			
$\frac{1}{4}$ "		$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	
$\frac{5}{16}$ "		$\frac{19}{32}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	
$\frac{3}{8}$ "		$\frac{13}{16}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{4}$	
$\frac{7}{16}$ "		$\frac{23}{32}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{16}$	$\frac{3}{4}$	
$\frac{1}{2}$ "	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{8}$	
$\frac{9}{16}$ "	$\frac{15}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{3}{8}$	$\frac{13}{16}$	
$\frac{5}{8}$ "	$\frac{13}{16}$	$\frac{11}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{3}{8}$	$\frac{13}{16}$	
$\frac{3}{4}$ "	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{11}{16}$	
$\frac{7}{8}$ "	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{13}{16}$	
1"	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	1	$\frac{13}{16}$	
$\frac{1 1}{8}$ "	$\frac{1 1}{16}$	$\frac{1 1}{16}$	$\frac{1 1}{16}$	$\frac{1 1}{16}$	$\frac{1 1}{16}$	$\frac{1 1}{16}$	$\frac{1 1}{16}$	$\frac{1 1}{8}$	$\frac{1 1}{16}$	
$\frac{1 1}{4}$ "	2	2	2	2	2	2	$\frac{1 1}{16}$	$\frac{1 1}{4}$	2	
$\frac{1 3}{8}$ "	$\frac{2 1}{8}$	$\frac{2 1}{8}$	$\frac{2 1}{8}$	$\frac{2 1}{8}$	$\frac{2 1}{8}$	$\frac{2 1}{8}$	2	$\frac{1 3}{8}$	$\frac{2 1}{8}$	
$\frac{1 1}{2}$ "	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{1 1}{2}$	$\frac{2 3}{8}$	
$\frac{1 3}{4}$ "	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{1 3}{4}$	$\frac{2 3}{8}$	
$\frac{1 7}{8}$ "	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{2 3}{8}$	$\frac{1 7}{8}$	$\frac{2 3}{8}$	
2"	$\frac{3}{16}$	$\frac{3}{16}$	3	3	3	3				
$\frac{2 1}{4}$ "	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$				
$\frac{2 1}{2}$ "	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$				
$\frac{2 3}{4}$ "	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$				
3"	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$	$\frac{4}{16}$				

HOW TO USE THIS CHART

To use this chart, locate thread diameter of bolt, nut or screw in extreme left column. Then move across to box which has proper identification of bolt, nut or screw at top of vertical column. The size in this particular box is the nominal opening size in inches of the P&C wrenches and sockets that will fit.



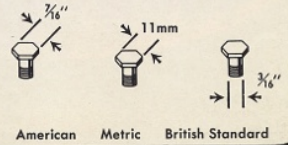
4- and 8-Point Sockets are used on Square Bolt Heads, Nuts and Screw Heads. 6- and 12-Point Sockets are used on Hexagon Bolt Heads, Nuts and Screw Heads.

*Does not apply to USS Nuts.

METRIC CONVERSION TABLE

Inches			Inches			Inches		
Fractions	Decimals	MM	Fractions	Decimals	MM	Fractions	Decimals	MM
$\frac{1}{32}$	.03125	.794	$\frac{3}{8}$	.375	9.525	$\frac{13}{16}$	.8125	20.638
	.0394	1.		.3937	10.		.8268	21.
	.059	1.5	$\frac{13}{32}$	.406	10.319		.844	21.431
$\frac{1}{16}$	.062	1.588		.413	10.5	$\frac{27}{32}$	.861	22.
	.0787	2.		.4331	11.	$\frac{7}{8}$	.875	22.225
$\frac{3}{32}$	.094	2.381	$\frac{1}{2}$	.438	11.113		.9055	23.
	.0984	2.5		.469	11.906	$\frac{29}{32}$	.9062	23.019
	.1181	3.		.4724	12.		.9375	23.813
$\frac{1}{8}$	.125	3.175	$\frac{15}{32}$	.492	12.5	$\frac{15}{16}$	.9449	24.
	.1378	3.5	$\frac{1}{2}$	.500	12.700		.969	24.606
$\frac{5}{32}$	.156	3.969		.5118	13.	$\frac{31}{32}$	.9843	25.
	.1575	4.	$\frac{17}{32}$	.531	13.494		1.000	25.400
	.177	4.5		.5512	14.		1.0236	26.
$\frac{3}{16}$	.1875	4.763	$\frac{9}{16}$	.563	14.288			
	.1969	5.		.571	14.5			
	.2165	5.5		.5906	15.			
$\frac{7}{32}$	.219	5.556	$\frac{19}{32}$	.594	15.081			
	.2362	6.	$\frac{5}{8}$	.625	15.875			
$\frac{1}{4}$	.250	6.350		.6299	16.			
	.2559	6.5		.6496	16.5			
	.2756	7.	$\frac{23}{32}$	.656	16.669			
$\frac{5}{16}$	.281	7.144		.6693	17.			
	.2953	7.5	$\frac{11}{16}$	.6875	17.463			
	.312	7.938		.7087	18.			
	.315	8.	$\frac{25}{32}$	.719	18.256			
	.335	8.5		.7283	18.5			
$\frac{11}{32}$	.344	8.731	$\frac{3}{4}$	.7480	19.			
	.3543	9.		.750	19.050			
	.374	9.5	$\frac{27}{32}$	.781	19.844			

American and Metric wrench sizes are taken across the flats of the bolt head; British Standard size is taken from outside diameter of threads.



American Metric British Standard



Famous P&C TWIN *SELF-SELLING DISPLAYS*

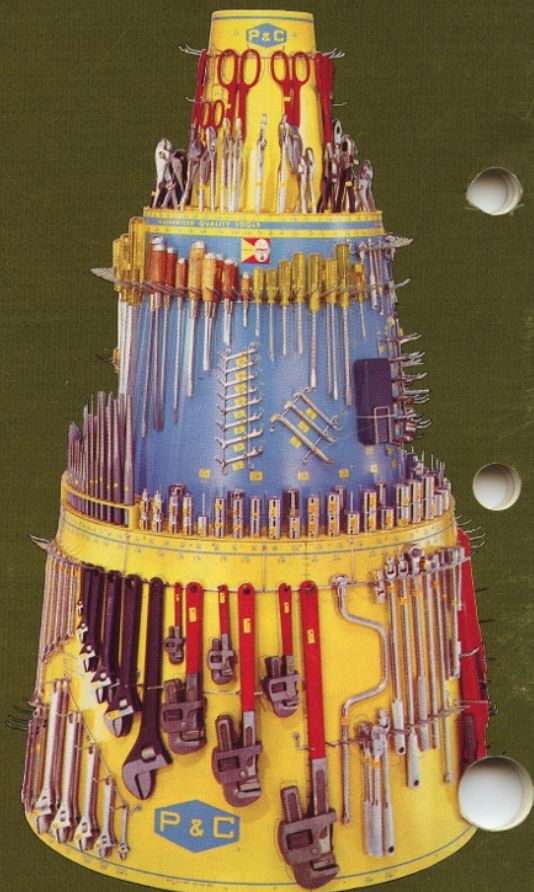
The modern way to see, to try, to buy,
hand tools of quality!

A complete tool department on two colorful stands. Nothing else like it anywhere. Every tool within easy reach. The complete selection seen at a glance. Every tool position-marked and numbered for easy stock-keeping and orderly housekeeping. It's the fun way to buy tools . . . the easy way to sell tools.

P & C also has a complete line of smaller Self-Selling Merchandisers, over 70 flexible Wall-ette units to choose from, Wall Panels in great variety and Flex-Frame combinations to meet any selling need. All are designed to make tool selecting and buying easier.



T-350



J-350



Portland, Oregon 97222

PC 65200

PRINTED IN U.S.A. SKD-50M 165