

professional hand tools



nationwide availability through local distributors

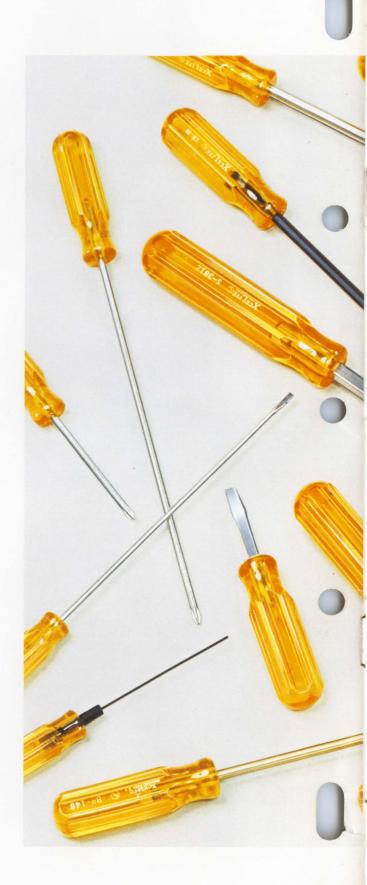
CATALOG NO. 166

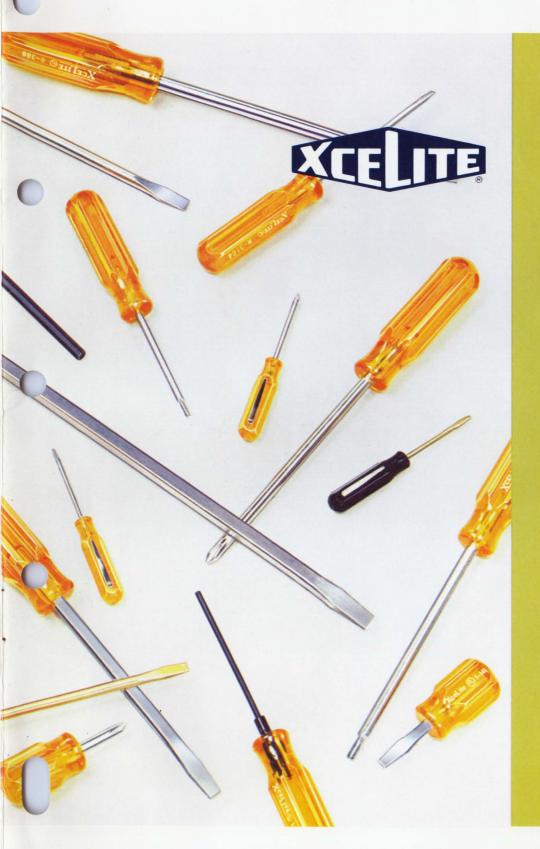
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GUARANTEE

Built of the finest materials by craftsmen of long experience, all Xcelite tools are unreservedly guaranteed for one year against defects in materials and workmanship. Any tool which proves defective in either respect will be replaced without charge. Tool failure caused by abuse or mishandling is not covered by this guarantee.





screwdrivers

Forged from tough, AISI 6150 Chrome Vanadium Electric Furnace Steel, Xcelite screwdriver blades easily withstand heaviest usage without twisting or snapping.

Shockproof, breakproof, amber plastic (UL) handles are shaped for perfect grip and balance. Blades are securely embedded in handles. Round blades have wing ends that prevent turning or loosening.

insulated blades

Fixed handle Xcelite screwdrivers can be furnished with blades which have been insulated by plastic dip-coating. They are recommended for work with electrified equipment where shorting might cause damage or hamper adjustments.

interchangeable and reversible blades

In addition to fixed handle screwdrivers, Xcelite offers a variety of screwdriver blades which fit interchangeably in special handles. These blades are of both single end and double end (reversible) types. See pages 15 and 18.

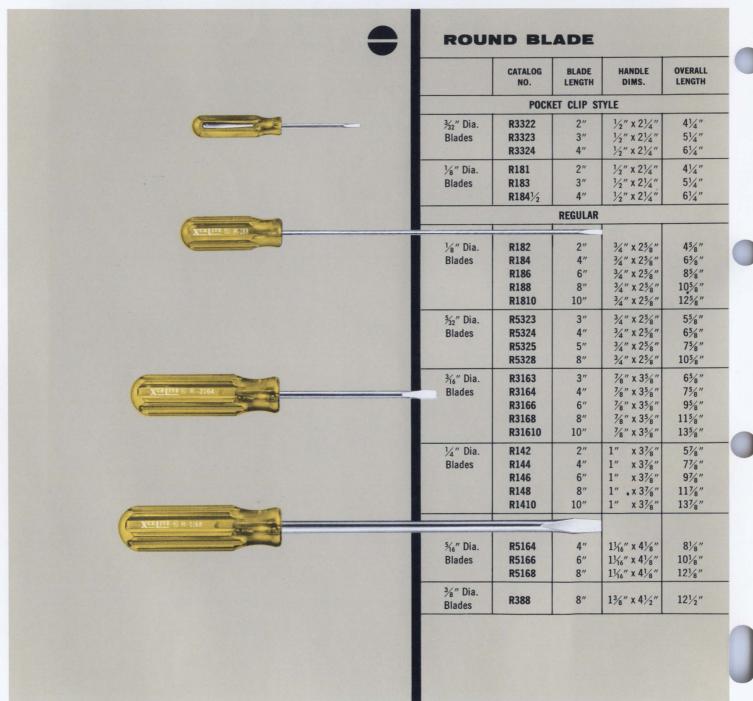
kits and sets

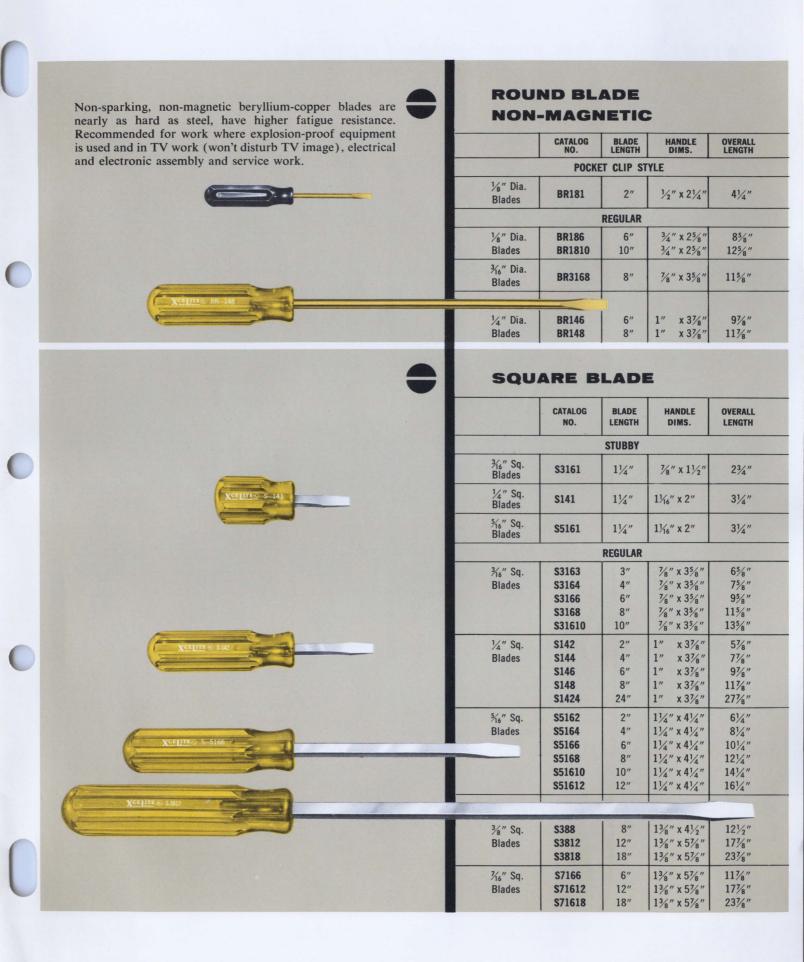
Xcelite screwdrivers and screwdriver blades are available in a number of handy kits and sets, some of which contain other useful tools. See pages 12 thru 19.

screwdrivers for slotted screws

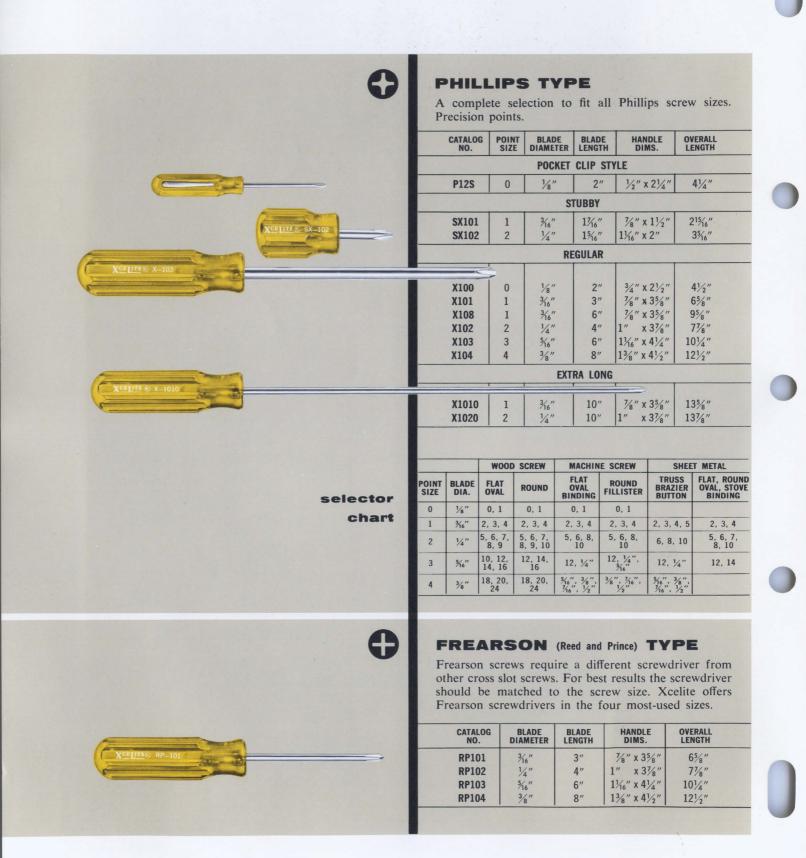
Lengthwise, flat-belt grinding preserves Xcelite tip strength ... assures snug fit in screw slot.

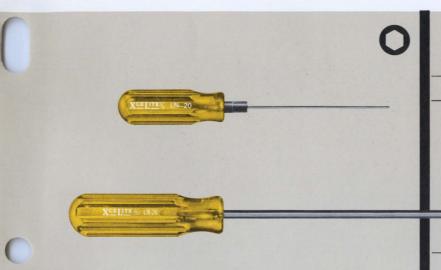






screwdrivers for recess head screws





ALLEN HEX TYPE

Large selection to fit popular sizes.

CATALOG NO.	HEX SIZE	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH	
LN-20	.050"	4"	3/4" x 25/8"	65/8"	
LN-21	1/16"	4"	3/4" x 25/8"	65/8"	
LN-22	5/64"	4"	3/4" x 25/8"	65/8"	
LN-23	3/32"	4"	1" x 31/8"	71/8"	
LN-764	7/64"	4"	1" x 31/8"	71/8"	
LN-24	1/8"	4"	1" x 31/8"	71/8"	
LN-964	%4"	4"	1" x 31/8"	71/8"	
LN-25	5/32"	6"	1" x 31/8"	91/8"	
LN-26	3/6"	6"	1" x 37/8"	97/8"	
LN-27	7/32"	6"	1" x 37/8"	97/8"	
LN-28	1/4"	6"	1" x 37/8"	97/8"	

LN-11 Complete set of above in roll-up, plastic-coated, canvas case.



CLUTCH HEAD TYPE

Furnished in the Type "G" design for ease of operation and positive driving action in general service work.

CATALOG NO.	TIP	BLADE DIAMETER	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH	
G3324	3/32"	1/8"	4"	1/2" x 21/4"	61/4"	Ī
G183	1/8"	3/6"	3"	7/8" x 35/8"	65/8"	
G5324	5/32"	3/6"	4"	7/8" x 35/8"	75/8"	
G3164	3/6"	1/4"	4"	1" x 37/8"	77/8"	
G146	1/4"	9/32"	6"	1" x 37/8"	97/8"	
G5166	5/16"	3/8"	6"	13/8" x 41/2"	101/2"	

TIP	ROUND	BINDING	TRUSS	FLAT	OVAL	FILLISTER	HEXAGON
3/32" 1/8" 5/32" 3/16" 1/4"	2, 3	2, 3, 4	2, 3, 4	2, 3	2, 3	2, 3, 4	2, 3
5/32"	8, 10	8, 10	8	6, 8	6, 8	8, 10	8, 10
1/4"	14, 1/4"	14, 1/4"	10, 12	10 12, 14, 1/4"	10 12, 14, 1/4"	14, 1/4"	12
5/6"	5/6". 3/8"	5/4" 3/9"	5/6", 3/8"	5/4"	5/4"	5/1" 3/9"	5/6" 3/8"



selector chart



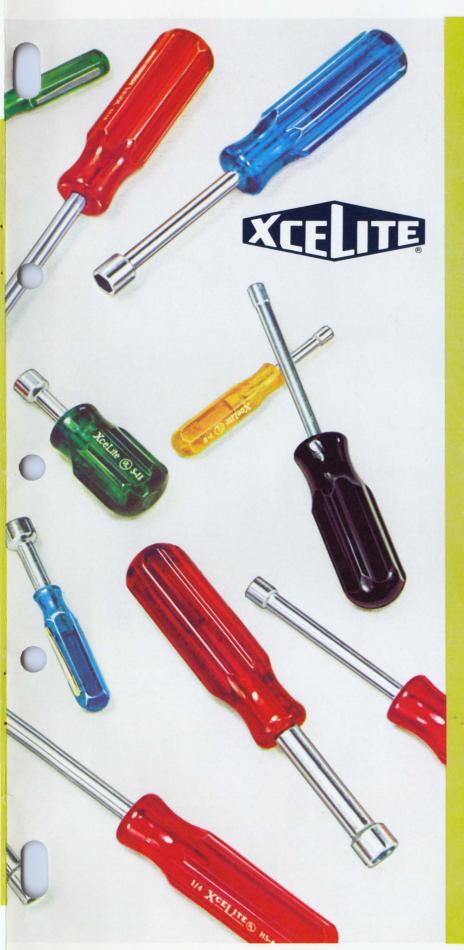


SCRULOX TYPE

Scrulox® square recess screws, developed in Canada and used extensively there, are coming into increasing usage in the U. S. on appliances, radios, TV sets, electronic instruments, and many other products. They are often used for "tamper-proof" applications.

OVERALL LENGTH	HANDLE DIM.	BLADE LENGTH	SCREW SIZE (GAUGE)	HANDLE COLOR	CATALOG NO.	
71/4"	1" x 33/4"	31/2"	1 & 2	Orange	SL-00	
71/4"	1" x 33/4"	31/2"	3 & 4	Amber	SL-0	
71/4"	1" x 33/4"	31/2"	5, 6 & 7	Green	SL-1	
71/4"	1" x 33/4"	31/2"	8, 9 & 10	Red	SL-2	
71/4"	1" x 33/4"	31/2"	12 & 14	Black	SL-3	
7½" 7½"	1" x 3 ³ / ₄ " 1" x 3 ³ / ₄ "	3½" 3½"	5, 6 & 7 8, 9 & 10	Green Red	SL-1 SL-2	





color coded nutdrivers

Xcelite nutdrivers feature steel shafts and precision, cold drawn, case-hardened sockets. Shockproof, breakproof, firm grip, plastic (UL) handles are color coded and marked with large, readable sizes for easy identification.

insulated blades

Fixed handle Xcelite nutdrivers can be furnished with blades which have been insulated by plastic dip-coating. They are recommended for work with electrified equipment where shorting might cause damage or hamper adjustments.

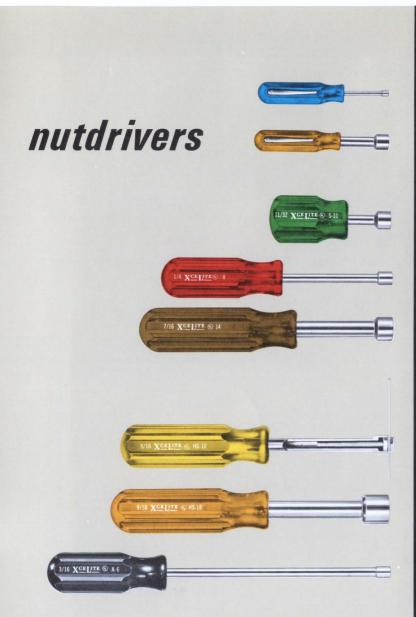
interchangeable blades and hex socket handles

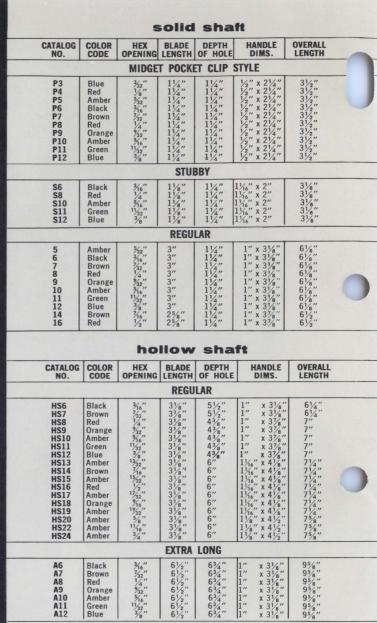
In addition to fixed handle nutdrivers, Xcelite offers a variety of nutdriver blades which fit interchangeably in special handles. See page 15.

Hex sockets in handles for Combination Reversible tools also serve as nutdrivers. See pages 18 and 19.

kits and sets

Xcelite nutdrivers and nutdriver blades are available in a number of handy kits and sets, some of which contain other useful tools. See pages 11 thru 15 and 17.





External Hex Hollow Shaft Nutdriver

Primary use of this tool is for removing and installing nuts on balance control, off-on switch and volume control shafts of Arvin and Philco portable stereo sets. Prevents damage to faceplate. Shaft is high carbon steel. Black plastic (UL) handle is shockproof, breakproof.

	NO. HEX HOLE LENGTH DIMS.	LENGTH	DEPTH OF HOLE	EXTERNAL HEX	NO.
PN-716 1/6" 6" 33/8" 1" x 31/8" 61/2"	N-716 %6" 6" 33%" 1" x 31/8"	33/8"	6"	7/6"	PN-716

METRIC SIZE NUTDRIVERS

Primarily for work on European-made equipment. Black plastic handles. Shafts have protective black oxide finish.

0474100	HEX OPENING		DIADE	DERTH	HANDLE	
CATALOG NO.	Milli- meter	Decimal Inches	BLADE LENGTH	OF HOLE	DIMEN- SIONS	OVERALL LENGTH
	SOLID	SHAFT —	MIDGET I	OCKET-CL	IP STYLE	
3MM 3.5MM	3MM 3.5MM	.1181 .1379	11/4"	1½" 1½"	1/2" x 21/4" 1/2" x 21/4"	3½" 3½"
		SOLID	SHAFT —	REGULAR		
4MM 4.5MM 5MM 5.5MM 6MM 7MM 8MM 9MM 10MM	4MM 4.5MM 5MM 5 5MM 6MM 7MM 8MM 9MM 10MM 11MM	.1575 .1773 .1968 .2167 .2362 .2756 .3150 .3543 .3937 .4331	3" 3" 3" 3" 3" 3" 3" 21/2" 21/2"	1½" 1½" 1½" 1½" 1½" 1½" 1½" 1½" 1½" 1½"	1" x 3½" 1½6" x 3½"	61/6" 61/6" 61/6" 61/6" 61/6" 61/6" 61/6"
The state of the state of		HOLLOW		- REGULAR		
12MM 13MM 14MM 15MM 16MM 17MM	12MM 13MM 14MM 15MM 16MM 17MM	.4724 .5118 .5512 .5905 .6299 .6693	3½" 3½" 3½" 3½" 3½" 3½"	6" 6" 6" 6" 6"	1½6" x 4½8" 1½6" x 4½8" 1½6" x 4½8" 1½6" x 4½8" 1½6" x 4½8" 1½6" x 4½8"	7½" 7½" 7½" 7½" 7½" 7½" 7½"

127TB 137TB 147TB

Stands up

Hangs up

nutdriver sets

In addition to the nutdriver sets shown here, Xcelite makes available a number of kits and sets containing nutdrivers, and interchangeable nutdriver blades and handles in combination with other useful tools. See pages 12 thru 15 and 17.

No.127TB "TRAY BIEN"

Handy, lightweight, molded yellow plastic tray for bench, tool caddy or wall mounting. Fold-away easel keeps it upright. Snap lock holds tools securely. Contains solid shaft Nos. 6, 7, 8, 9, 10, 11 and 12.

No.137TB "TRAY BIEN"

Tray similar to No. 127TB, but of light gray plastic. Contains five solid and two hollow shaft Nos. 6, 8, 10, 11, 12, HS16 and HS18.

No.147TB "TRAY BIEN"

Tray similar to No. 127TB, but of beige plastic. Contains hollow shaft Nos. HS8, HS9, HS10, HS11, HS12, HS14 and HS16.

No. HS6-18 "KEEP AND CARRY" CASE

Sturdy plastic stand-up case with slipover cover keeps nutdrivers orderly on workbench, carries them on service calls. Contains hollow shaft Nos. HS6, HS7, HS8, HS9, HS10, HS11, HS12, HS14, HS16 and HS18.





Keeps tools orderly

E compact

Compact, convertible sets do more jobs with fewer tools, save bench space, lighten the service kit. Remarkable "piggyback" torque amplifier handle slips over tops of color-coded midget tools to provide larger gripping surface, extended reach, and increased driving power. Slim, trim see-thru plastic case fits pocket, has flat base for use as bench stand.





PS88 SCREWDRIVER SET

SCREWDRIVERS						
NUMBER	HANDLE	BLADE SIZE	OVERALL LENGTH			
P3321	Green	3/32" x 1"	31/2"			
P181	Red	1/8" x 1"	31/2"			
P5321	Black	5/32" x 1"	31/2"			
P3161	Orange	3/6" x 1"	31/2"			
P141	Amber	1/4" x 1"	31/2"			
PO	Blue	#0 Phillips	31/2"			
P1	Brown	#1 Phillips	31/2"			
P2	Amber	#2 Phillips	31/2"			

TORQUE AMPLIFIER HANDLE NUMBER COLOR DIMENSIONS TA2 Black 1" x 31/8"

PS120 NUTDRIVER SET

NUTDRIVERS					
NUMBER	HANDLE COLOR	HEX OPENING	OVERALL LENGTH		
P3	Blue	3/32"	31/2"		
P4	Red	1/8"	31/2"		
P5	Amber	5/32"	31/2"		
P6	Black	3/6"	31/2"		
P7	Brown	7/32"	31/2"		
P8	Red	1/4"	31/2"		
P9	Orange	9/32"	31/2"		
P10	Amber	5/6"	31/2"		
P11	Green	11/32"	31/2"		
P12	Blue	3/8"	31/2"		

TORQUE AMPLIFIER HANDLE DIMENSIONS NUMBER COLOR TA2 Black 1" x 31/8"

PS7 SCREWDRIVER AND NUTDRIVER SET

	NUT	DRIVERS	
NUMBER	HANDLE COLOR	HEX OPENING	OVERALI LENGTH
P8 P10	Red Amber	1/4" 5/6"	3½" 3½"
	SCREV	NDRIVERS BLADE SIZE	
P3161 P3321 P0 P1	Orange Green Blue Brown	3/6" x 1" 3/2" x 1" #0 Phillips #1 Phillips	3½" 3½" 3½" 3½" 3½"
TO NUMBE		PLIFIER HAND	LE ENSIONS

Black **PS44 SCRULOX®** CREWDBIVED SE

1" x 31/8"

TA2

JUN	EALD	KIVER	JEI
SC	RULOX®	SCREWDRIVE	RS
HANDLE	TIP SIZE	SCREW SIZE (GAUGE)	OVERALL LENGTH
Orange	00	1 & 2	31/2"
Yellow	0	3 & 4	31/2"
Green	1	5,6&7	31/2"
Red	2	8, 9 & 10	31/2"
Black	3	12 & 14	31/2"
	NUT	DRIVER	
NUMBER	HANDLE	HEX OPENING	OVERALL LENGTH
P8	Red	1/4"	31/2"

TOROUE AMPLIFIER HANDLE COLOR DIMENSIONS NUMBER TA2 Blue 1" x 31/8"



specialized automotive tools

110 DISTRIBUTOR TOOL

A 2-in-1 tool that speeds adjustment and replacement of Delco Remy distributor points. Genuine Xcelite plastic handle is shaped for working ease.

- 1 Nutdriver end removes 11/32" hex nut to detach lead wire from coil... in seconds.
- 2 Pronged shaft slides over bolt to engage slot in circular nut. Just a few turns and points are released.

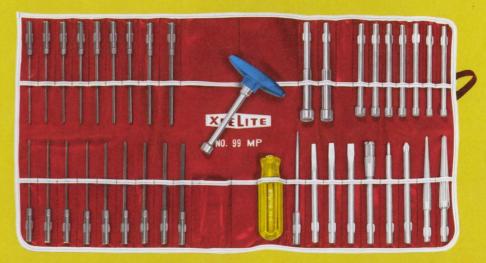
112 CARBURETOR AND DISTRIBUTOR TOOL

Flexible, 2-way tool speeds motor tune-ups. Hooded screwdriver bit permits quick "hairline" adjustment of carburetor idle. Allen Hex Type bit quickly adjusts Delco Remy distributors. Plastic-covered shaft snakes into hard-to-reach areas. Positive, no-lag action. Shockproof, breakproof, plastic (UL) handle. Length including bits, 14%".





XCE ITE series 99



99MP MULTI-PURPOSE TOOL KIT

All most-needed Series 99 tools are readily available in this convenient 39-piece kit. Plastic coated canvas case folds into a compact, easy-to-carry package which is quickly and positively secured by means of a permanently attached elastic loop. No tying required. Two extra pockets permit addition of pliers, snips or other tools. Set includes:

99-1 — Regular Handle 99-4 — Tee Handle

99-5 thru 99-16—Regular Nutdrivers(10) 99-20 thru 99-26 — Allen Hex Type

Screwdrivers (9)

99-61 thru 99-69 - Bristol Multiple

Spline Screwdrivers

99-811, 99-250 and 99-312 - Slotted Screwdrivers

99-821 and 99-822 - Phillips Screwdrivers

99-38 and 99-39 — Reamers

99-70 — Aw1/Scriber 99-X5 — Extension Blade 99MPK — Canvas Case



99SM SERVICE MASTER

This versatile 23-piece set of quality tools in a durable, roll-up plastic-coated canvas case weighs only 2¾ lbs. Provides a variety of quick-change tools and tool combinations to speed up assembly and service work. Set includes:

52CG — 6" Long Nose Cushion Grip Plier 55CG — 5" Diagonal Cushion Grip Plier 46C — 6" thin-pattern Adjustable Wrench 99-1 — Regular Handle 99-3 — Stubby Handle 99-6 thru 99-16 — Regular Nutdrivers(9) 99-S8, 99-S10, 99-S12 — Stubby Nutdrivers 99-821 — Phillips Screwdriver

99-821 — Phillips Screwdriver 99-811 and 99-250 —Slotted Screwdrivers

99-38 and 99-39 - Reamers

99-X10 — Extension Blade 99SMK — Canvas Case

series 99 service kits and sets (continued)

99PV-6 PLASTIC VIEW KIT SLOTTED AND PHILLIPS SCREWDRIVERS

Six-piece, pocket size screwdriver set. Includes:

99-1 — Regular Handle

99-811, 99-250 and 99-312 - Slotted Screwdrivers

99-821 and 99-822 — Phillips Screwdrivers

99PV-4 PLASTIC VIEW KIT SLOTTED SCREWDRIVERS

Space-saving, 4-piece screwdriver set. Includes:

99-1 - Regular Handle

99-811, 99-250 and 99-312 — Slotted Screwdrivers

99SL PLASTIC VIEW KIT SCRULOX® SCREWDRIVERS

Six-piece screwdriver set for Scrulox square recess screws. Pocket size, see-thru, plastic case. Includes:

99-1 — Regular Handle

99SL-00, 0, 1, 2, 3 — Scrulox Screwdrivers

99LN POCKET ROLL KIT ALLEN HEX TYPE SCREWDRIVERS

Seven-piece Allen Hex type screwdriver set in tough, plastic snap fastener case. Includes:

99-1 — Regular Handle

99-21, 22, 23, 24, 25, 26 - Allen Hex Type Screwdrivers



service kits and sets

Series 99 service kits and sets are made up primarily of various screwdriver, nutdriver, and other blades (see list at right) which can be used interchangeably in Series 99 handles. This saves space, offers utmost economy. Owners of Series 99 kits and sets can also readily add or substitute tools at minimum cost without adding undue bulk or weight to the tool chest.

All blades are high carbon steel with highly polished nickel chrome finish except Bristol and Allen Hex types which are precision formed of alloy steel. Hex head sockets are precision formed, cold drawn, case hardened steel. Handles are shockproof, breakproof, (UL) plastic... have a patented spring device that holds blades firmly yet permits quick, easy insertion and removal. Tee handle is blue, others are amber. Regular handle accommodates all blades, single and reversible. Stubby, Junior and Tee handles can be used only with single-end blades.



99PR ROLL KIT

A multi-purpose 14-piece nut and screwdriver set. Includes:

99-1 — Regular Handle 99-6, 7, 8, 9, 10, 11, 12, 14, 16 Nutdrivers 99-811 and 250 — Slotted Screwdrivers 99-821 and 822 — Phillips Screwdrivers



99JR ROLL KIT

A compact edition 12-piece nut and screwdriver set. Includes:

99-2 — Junior Handle 99-6, 7, 8, 9, 10, 11, 12 — Nutdrivers 99-811 and 99-250 — Slotted Screwdrivers 99-821 and 99-822 — Phillips Screwdrivers 99KJR — Kit

SERIES 99 BLADES & HANDLES APPROX. WORKING LENGTH CATALOG NO. DESCRIPTION Handle, Regular $(1)_{16}'' \times 4 \frac{1}{8}''$) Handle, Junior $(1'' \times 3\frac{1}{8}'')$ Handle, Stubby $(1)_{16}'' \times 2''$) Handle, Tee $(3\frac{1}{2}'' \times 1\frac{1}{8}'')$ 3/42" Nutdriver 3/6" Nutdriver 3/4" Nutdriver 3/4" Nutdriver 3/4" Nutdriver 99-5 99-6 99-7 99-8 99-S8 99-10 99-510 99-11 99-12 99-512 99-512 99-14 Nutdriver Nutdriver, Stubby Nutdriver Nutdriver Nutdriver, Stubby Nutdriver Nutdriver Nutdriver, Stubby Nutdriver 7/6" Nutdriver 99-4MM 99-4.5MM 99-5MM 99-5.5MM 99-6MM 99-7MM 99-8MM 99-9MM* (.1575") (.1773") (.1968") (.2167") 4MM 4.5MM Nutdriver Nutdriver Nutdriver 5MM 5.5MM 6MM (.2362") (.2756") (.3150") (.3543") Nutdriver 7MM 8MM 9MM Nutdriver Nutdriver Nutdriver 99-10MM 99-11MM 10MM (.4331") .050" Allen Hex Type Screwdriver %4" Allen Hex Type Screwdriver %4" Allen Hex Type Screwdriver %2" Allen Hex Type Screwdriver %4" Allen Hex Type Screwdriver %6" Allen Hex Type Screwdriver %6" Allen Hex Type Screwdriver 99-20 99-21* 99-22* 99-23* 99-764 99-24* 99-964 99-25* 99-26* Allen Hex Type Screwdriver 1.27MM 1.5MM 2MM 99-71MM (.0500")99-72MM 99-73MM 99-74MM 99-75MM 99-76MM 99-77MM (.0591") (.0787") (.0984") (.1181") 2.5MM 3MM 4MM .048", 4-flute Bristol Multiple-Spline Screwdriver .060", 6-flute Bristol Multiple-Spline Screwdriver .069", 4-flute Bristol Multiple-Spline Screwdriver .072", 6-flute Bristol Multiple-Spline Screwdriver .076", 4-flute Bristol Multiple-Spline Screwdriver .096", 6-flute Bristol Multiple-Spline Screwdriver .111", 6-flute Bristol Multiple-Spline Screwdriver .145", 6-flute Bristol Multiple-Spline Screwdriver .145", 6-flute Bristol Multiple-Spline Screwdriver .183", 6-flute Bristol Multiple-Spline Screwdriver 99-61 99-62 99-63 99-64 99-65 99-66 99-67 99-68 Slotted Screwdriver (Tapered Tip) Slotted Screwdriver (Tapered Tip) Slotted Screwdriver (Flared Tip) 99-250 99-312 #1 Phillips #2 Phillips 0 = 3 $\%_6$ " and $\%_2$ " Frearson (Reed & Prince), Reversible $\%_6$ "G and $\%_2$ "G Clutch Head, Reversible 99-83 0 #00 Scrulox Screwdriver #0 Scrulox Screwdriver #1 Scrulox Screwdriver #2 Scrulox Screwdriver #3 Scrulox Screwdriver 99SL-0 99SL-1 99SL-2 =ER Awl/Scriber 41/2" Extension Blade (adds 4" reach to single end blades) Extension Blade (adds 7" reach to single end blades) 99-X5 99-X10 $^{\circ}99\text{-}30$ CLEAR PLASTIC POUCH with heat-sealed compartments contains 99-21, 22, 23, 24, 25 and 26 Allen Hex Type Screwdriver Blades.

CHUCK ADAPTORS FOR SPIRAL RATCHET DRIVERS

With these special adaptors, all Xcelite Series 99 single-end nutdriver, screwdriver, and other blades can be used with Stanley YANKEE®, Greenlee, Millers Falls and similar spiral ratchet hand drivers. Positive locking device holds blade firmly.

CATALOG	NOMINAL	OVERALL	
NO.	SHANK DIA.	LENGTH	
YA-732	7/32"	3½"	
YA-932	9/32"	3½"	
YA-516	5/16"	3½"	

Above adaptors are also available in the following sets, each containing three stubby nutdrivers (99-S8, 99-S10 and 99-S12): Catalog Nos. YA-732D, YA-932D and YA-516D.

99PS-40 COMPACT SET ALLEN HEX TYPE SCREWDRIVERS

Eleven-piece set in compact, see-thru plastic case which has flat bottom for use as bench stand. Includes:

99-1 — Regular Handle

99-20, 21, 22, 23, 764, 24, 964, 25, 26 — Allen Hex Type Screwdrivers

99-X5 — Extension Blade

99PS-40C — Case

99PS-50 COMPACT SET SCREWDRIVERS, NUTDRIVERS

Fourteen-piece set in case similar to 99PS-40. Includes:

99-1 — Regular Handle

99-6, 7, 8, 9, 10, 11, 12 - Regular Nutdrivers

99-811 and 99-250 — Slotted Screwdrivers

99-821 and 99-822 — Phillips Screwdrivers

99-X5 - Extension Blade

99PS-50C — Case

99PS-60 COMPACT SET BRISTOL MULTIPLE-SPLINE SOCKET SCREWDRIVERS

Eleven-piece set in case similar to 99PS-40. Includes:

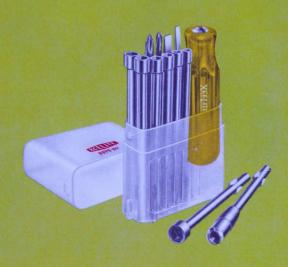
99-1 — Regular Handle

99-61, 62, 63, 64, 65, 66, 67, 68, 69 — Bristol Multiple-Spline Socket Screwdrivers

99-X5 — Extension Blade

99PS-60C — Case









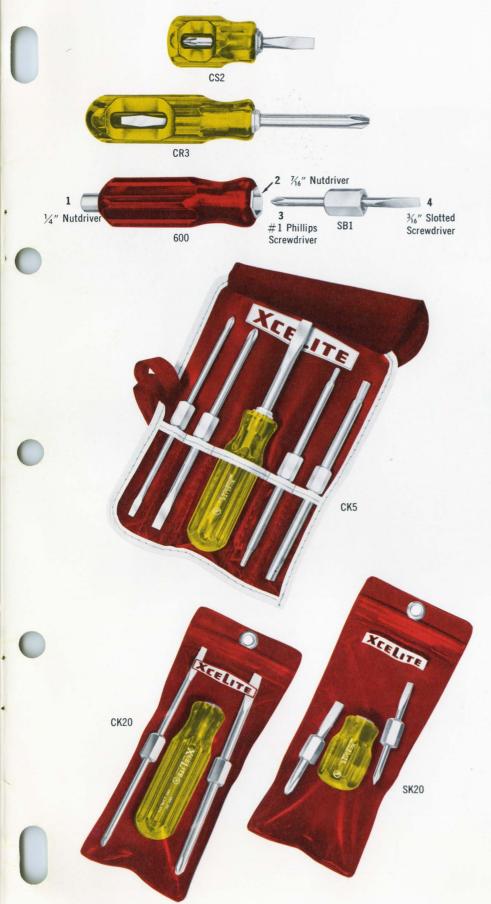
tool sets and kits with combination reversible blades

These handy, economical, multi-purpose tool sets and kits consist of either a regular or stubby handle combined with one or more of the reversible, interchangeable combination blades listed below. Blades and handles may be purchased separately to augment any set or kit or to build sets to individual requirements.

Blades snap in and out of handle easily, quickly. Patented spring lock holds them firmly in perfect alignment. Metal hex socket in handle doubles as %6'' nutdriver. Blades are Chrome Vanadium Steel. Handles are shockproof, breakproof, amber (UL) plastic.

COMBINATION REVERSIBLE BLADES AND HANDLES

CATALOG NO.	DESCRIPTION	OVERALL LENGTH
25	Handle, Regular (11/6" x 41/4")	
26	Handle, Stubby (11/16" x 2")	
RB1	#1 Phillips and 3/6" Slotted	61/4"
RB2	#2 Phillips and 1/4" Slotted	61/4"
RB3	#3 Phillips and ¾6" Slotted	61/4"
RB12	#1 and #2 Phillips	61/4"
	0	
GB1	3/6" G and 5/2" G Clutch	61/4"
GB2	5/6" G and 1/4" G Clutch	61/4"
SB1	#1 Phillips and 3/6" Slotted, Stubby	31/8"
SB2	#2 Phillips and 1/4" Slotted, Stubby	31/8"
GS1	3/6" G and 5/32" G Clutch, Stubby	31/8"



SETS

STUBBY (Overall Length: 31/4")

CS1 - No. 26 handle and SB1 blade

CS2 - No. 26 handle and SB2 blade

REGULAR (Overall Length: 71/4")

CR1 - No. 25 handle and RB1 blade

CR2 - No. 25 handle and RB2 blade

CR3 - No. 25 handle and RB3 blade

NO. 600 4-WAY POCKET TOOL (Overall Length: 43/4")

A real time-saver, especially handy for removing backs of TV sets and installing antennas. Genuine Xcelite red plastic handle shaped and balanced for working ease. Combines with reversible SB1 blade to make 4 tools in one. Patented spring lock holds blade firmly in handle, permits easy removal.

POCKET ROLL KITS

From 2 to 5 reversible blades plus handle in one space-saving pocket roll. This handy, durable case is made of tough plastic with cloth flap...will not scratch or mar any surface it's placed on.

CK2 — Contains RB1 and RB2 blades with No. 25 handle.

CK3 — Contains RB1, RB2 and RB3 blades with No. 25 handle.

CK5 — Contains RB1, RB2, RB3, GB1 and GB2 blades with No. 25 handle.

PLASTIC VIEW KITS

Tools are instantly visible in these neat, long-lasting plastic view kits. Designed to fit hip pocket, tool box, boat kit, glove compartment. Zipper case for either regular or stubby size.

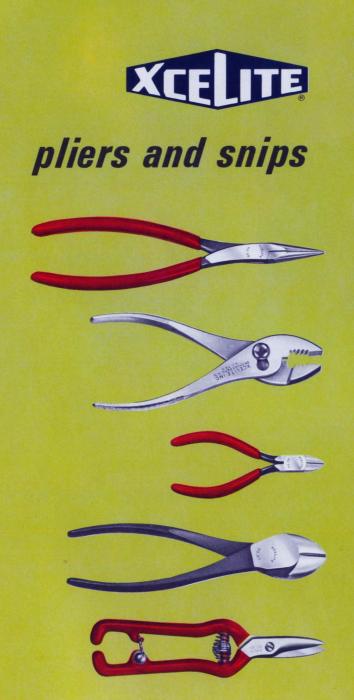
STUBBY

SK20 — Zipper case with SB1, SB2 blades and No. 26 handle.

REGULAR

CK20 — Zipper case with RB1, RB2 blades and No. 25 handle.

CK23 — Zipper case with RB1, RB2, RB3 blades and No. 25 handle.



The exceptional strength and utility of Xcelite pliers and snips are the result of forged alloy steel construction, precision-machining, and scientific proportioning. Handles are designed to fit comfortably...provide maximum leverage without damaging hands or tools. Cleanly milled and perfectly aligned jaws grip tightly and surely. Hand-honed, mated cutting edges remain sharp under severe usage. Heads are brightly polished.

For extra working comfort, most models are available with permanent, plastic-coated "Cushion Grip" (CG) handles.

CHAIN NOSE ELECTRICIAN'S PLIERS

59CG — 8" plier with long reach and high leverage. Rugged construction. Cushion Grip.

COMBINATION SLIP JOINT PLIERS

75C — 5" chrome-plated, high quality plier in handy small size.

76C - 6" chrome-plated plier for general use.

76S — Satin Finish

78C — 8" chrome-plated. Sturdy construction . . . ideal for heavy duty.

DIAGONAL PLIERS

54 - Midget 4" size. For close quarter work.

54CG - Cushion Grip.

55 — 5" plier for most cutting needs.

55CG — Cushion Grip.

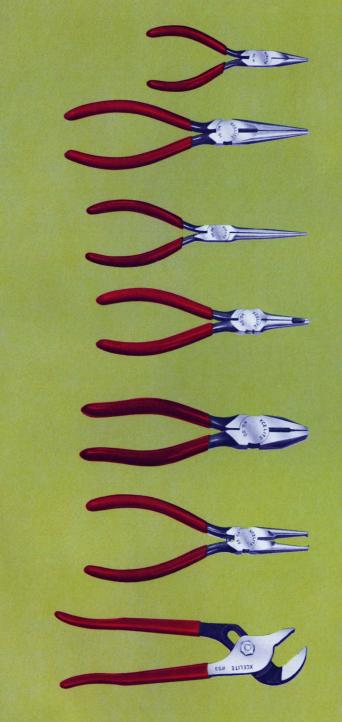
66CG — 6" all-purpose diagonal plier. Cushion Grip.

67 — 7" for heavy applications.

67CG — Cushion Grip.

ELECTRONIC SNIPS

86CG — $6^{1}\!\!/_{2}{}''$ size. Shearing action of pointed blades $(1^{1}\!\!/_{2}{}''$ cut) prevents peaks on fine wires and filaments. Useful also for removing insulation and cutting light sheet metal. Coil spring opens blades — latch holds them closed. Cushion Grip.



LONG NOSE PLIERS

41CG - Midget 4" without side cutters. Cushion Grip.

52 — $6\frac{1}{2}$ " long nose, without side cutters.

52CG — Cushion Grip.

51 — $6\frac{1}{2}$ " long nose, with side cutters.

51CG - Cushion Grip.

NEEDLE NOSE PLIERS

56CG — 6" size. Long slim jaws permit entry where regular long nose plier won't work. Cushion Grip.

RADIO AND TV PLIER

58CG — 6" plier with extreme tip for gripping, sharp $\%_6$ " cutting edges $\%_6$ " back from tip. Cushion Grip.

SIDE CUTTING PLIERS

60CG — 6" size with serrated upper and lower jaw for gripping. Cushion Grip.

68CG — 8" plier same as above with grip and leverage needed for cutting heavy wire. Cushion Grip.

TRANSVERSE CUTTING PLIER

62CG — 6" cutter for flush cutoff and use where ordinary pliers won't reach. Coil spring opener. Cushion Grip.

UTILITY PLIERS

53CG — 7" all-purpose plier with 5-position forged rib lock design and serrated jaws. Maximum opening 11/6". Cushion Grip.

63 — 10" forged rib lock design. Adjusts to 4 positions. Maximum opening 1½".

63CG - Cushion Grip.

miniature electronic pliers

for holding, bending and cutting fine wires in electronic, radio/TV, electrical and jewelry work. Comfortable, plastic-coated "Cushion Grip" handles and coil spring openers make work go faster and reduce hand fatigue, especially on assembly line operations. All have polished heads and shoulders.

70CG - 5" long for fine work. No cutter.

ROUND NOSE PLIERS

71CG — 4½" long. Carefully rounded on both sides of nose and precision ground to a fine point. For looping and forming fine wires.

These small, lightweight pliers are designed primarily

CHAIN NOSE PLIERS

72CG — 5" long with thin chain nose. Smooth jaws are slightly beveled on inside edges.

SPECIAL TIP CUTTING PLIERS

73CG — 4½" long, thin needle nose pliers with cutter at tip.
Snap cuts fine wires. For printed circuitry and other "tight
quarter" work. Cuts 45° at extreme tip.

DIAGONAL CLOSE CUTTING PLIERS

74CG — 4" long for fast, clean tip cutting. Fine tapered nose and near-flush cutting edges, electronically induction hardened and hand honed.

RADIO AND TV PLIERS

69CG — 5" fine pointed plier with serrated tips for delicate work. Sharp ¾6" cutting edges ⅓8" back from tips for fine wires.





SEIZERS®

6" straight and curved nose models. A remarkably versatile tool with unusual holding qualities. Clamps tightly. Holds wires for soldering, acts as a heat sink, retrieves small parts from hard-to-reach places. Twoposition snap-lock. Serrated jaws. Box joint construction. Precision machined from perfectly tempered stainless steel.

5" Jr. Models are slimmer, get into tight spots. Smooth jaws won't mar delicate materials.

- 6" Straight Nose Seizer 43H — 6" Curved Nose Seizer 32H — 5" Straight Nose Jr. Seizer 33H — 5" Curved Nose Jr. Seizer

ADJUSTABLE WRENCHES

Thin-pattern Xcelite design permits access to places regular adjustables won't fit. Rugged, forged alloy steel construction. Chromium plated. Polished heads. Quick, one-hand adjustment accurately fits jaws to any nut or bolt in their capacity range. Available with Cushion Grip (CG).

CAT	ALOG NO.		MAXIMUM
plain	cushion grip	LENGTH	OPENING
44C	44CG	4"	1/2"
46C	46CG	6"	3/4"
48C	48CG	8"	15/16"
40-10C	40-10CG	10"	1 1/8"
40-12C	40-12CG	12"	1 5/6"

TERMINAL WRENCHES

for transistor radios and **CB** walkie-talkies

Remove spanner nut on external antenna and earphone jacks. Projecting keys fit slots in nut. Shockproof (UL), breakproof, plastic, color coded handles with pocket clip. Two sizes:

Catalog No.	Color Code	Spanner Nut O.D.	Blade Length	Handle Dim.	Overall Length
TW32	Green	1/4"	13/8"	1/2" x 21/4"	35/8"
TW140	Red	5/16"	13/8"	1/2" x 21/4"	35/8"

K22 ELECTRICIAN'S KNIFE

It's both a knife and a screwdriver. Screwdriver blade has a sharp edge for scraping insulation . . . has positive lock when open.

150 TOOL HOLSTER

Has tape holder, knife clip, and 5 tool pockets. Durably made of saddle leather with natural cowhide finish. Features comfortable hip-contoured back, hot-waxed stitching, brass rivets, and pliable belt slots.



XCELITE INCORPORATED . Orchard Park, N.Y. 14127, U.S.A.

SUPPLEMENT

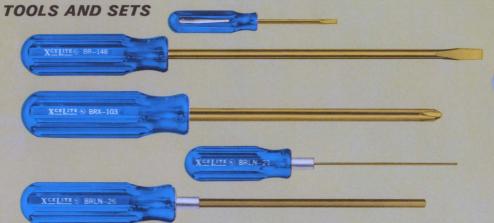
Four pages of new tools and sets added to the Xcelite line since the publishing of Catalog No. 166.

BERYLLIUM-COPPER HAND TOOLS AND SETS

The beryllium-copper used in the manufacture of these Xcelite precision tools is non-magnetic, non-parking, rust- and corrosion-resistant. Nearly as hard as steel, it has a higher fatigue resistance.

Recommended for numerous applications in electrical and electronic assembly and servicing, these tools are particularly desirable where magnetism is a deterrent to adjustment, as in engines and instruments. Because they are non-sparking, Xcelite beryllium-copper screwdrivers and nutdrivers are regarded as safety tools for use in industrial areas where volatile or explosive materials, gases, liquids, or dusts are present. Their rust and corrosion resistance makes them ideal for work in which they may be exposed to moisture, salt air, weather, chemicals, or chemical fumes.

Xcelite beryllium-copper nutdrivers have color coded plastic (UL) handles. Screwdriver handles are blue.



FIXED HANDLE SCREWDRIVERS

Screwdrivers for Slotted Screws

	CATALOG NO.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
	PO	CKET CLIP ST	YLE	
½" Dia. Blade	BR-181	2"	1/2" x 21/4"	41/4"
1911		REGULAR		
½" Dia. Blades	BR-184 BR-186 BR-1810	4" 6" 10"	3/4" x 25/8" 3/4" x 25/8" 3/4" x 25/8"	65/8" 85/8" 125/8"
3/6" Dia. Blades	BR-3164 BR-3168	4" 8"	7/8" x 35/8" 7/8" x 35/8"	75/8" 115/8"
1/4" Dia. Blades	BR-144 BR-146 BR-148	4" 6" 8"	11/16" x 41/8" 11/16" x 41/8" 11/16" x 41/8"	8½" 10½" 12½"

CONTRACT ST

Phillips Type Screwdrivers

CATALOG	POINT	BLADE	BLADE	HANDLE	OVERALL
NO.		DIAMETER	LENGTH	DIMS.	LENGTH
BRX-100	0	1/8"	2"	3/4" x 25/8"	45/8"
BRX-101	1	3/6"	3"	7/8" x 35/8"	65/8"
BRX-102	2	1/4"	4"	11/6" x 41/8"	81/8"
BRX-103	3	5/6"	6"	11/4" x 41/4"	101/4"
BRX-104	4	3/8"	8"	13/8" x 41/2"	121/2"

Allen Hex Type Screwdrivers

Beryllium blades locked in stainless steel handle inserts.
Individual tools or complete set in case.

CATALOG NO.	HEX SIZE (width across flats)	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
BRLN-20	.050"	4"	31/4" x 25/8"	65/8"
BRLN-21	1/4"	4"	3/4" x 25/8"	65/8"
BRLN-22	5/4"	4"	3/4" x 25/8"	65/8"
BRLN-23	3/2"	4"	1" x 31/8"	71/8"
BRLN-764	7/4"	4"	1" x 31/8"	71/8"
BRLN-24	1/2"	4"	1" x 31/4"	71/8"
BRLN-964	9/4"	4"	1" x 31/6"	71/8"
BRLN-25	5/2"	4"	1" x 31/4"	71/8"
BRLN-26	3/16"	4"	11/16" x 41/8"	81/8"

BRLN-990 Complete set of above in roll-up, plastic-coated, canvas case.

HOLLOW SHAFT NUTDRIVERS

Individual tools or complete set in case

These general purpose nutdrivers are especially useful where nuts must be installed or removed over long protruding bolts or studs. Shafts are brass with beryllium-copper sockets.



CATALOG NO.	HEX OPENING (width across flats)	SHAFT LENGTH	DEPTH OF HOLE	HANDLE DIMS.	OVERALL LENGTH
BRHS-6 BRHS-8	3/16"	31/8"	51/2"	1" x 3½" 1½6" x 4½"	61/4"
BRHS-10	5/16"	31/8"	43/8" 43/8"	11/16" x 41/8"	71/4"
BRHS-11 BRHS-12	11/ ₃₂ " 3/ ₈ "	31/8"	43/8"	11/16" x 41/8" 11/16" x 41/8"	71/4"
BRHS-14 BRHS-16	7/16" 1/2"	31/8"	6"	11/16" x 41/8" 11/16" x 41/8"	71/4"

BRHS-6-16 Set of above in clear front plastic case.

99-PS-42-BR ALLEN HEX TYPE SCREWDRIVER SET

This compact, ten-piece interchangeable blade set is furnished in a sturdy, pocket-size plastic case which has a flat bottom for use as a bench stand. Amber plastic (UL) handle (1-1/16" x 4-1/8") is fitted with a brass spring chuck which holds the blades firmly for driving, yet permits easy insertion and removal. Nine beryllium-copper blades with integral stainless steel chuck adaptors, have a 4" approx. working length and are furnished in the following hex sizes: .050". 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" and 3/16".

METRIC HAND TOOLS AND SETS

Precision made to fit, exactly, fasteners manufactured to metric dimensions, these tools are particularly useful and in many instances essential in the assembly and servicing, both here and abroad, of European and other foreign-designed equipment.

Blades, shafts, and shanks are finished in bright nickel chrome, except Allen hex socket type which have a protective black oxide finish. Plastic (UL) handles are shaped for perfect grip and balance.

NOTE: Complete specifications for all metric tools in the Xcelite line, plus corresponding popular sizes of fasteners, are given in the Selector Charts which follow.



FIXED HANDLE NUTDRIVERS (Black plastic handles)

SELECTOR CHART

NUTDRIV								HEAD	HEX	NUTS
CATALOG		PENING cross flats)	SHAFT	DEPTH	HANDLE	OVERALL	The second second	AD DIA.	THREA	D DIA.
NO.	Milli- meters	Decimal Inches	(Inches)	OF HOLE (Inches)	SIZE (Inches)	(Inches)	Milli- meters	Decimal Inches	Milli- meters	Decima Inches
		MIDO	ET POCK	ET-CLIP ST	TYLE - 11/2	4" clearanc	e hole de	epth		
змм	3	.1181	11/4	11/4	1/2 x 21/4	31/2	-	-	1.2	.0472
3.5MM	3.5	.1379	11/4	11/4	1/2 x 21/4	31/2	-	-	1.6 1.7	.0630
			REG	ULAR — 1	1/4" clearan	ce hole dep	oth	NO.		
4MM 4.5MM 5MM 5.5MM 6MM 7MM 8MM 9MM* 10MM 11MM	4.5 5.5 5.5 6 7 8 9 10	.1575 .1773 .1968 .2167 .2362 .2756 .3150 .3543 .3937 .4331	3 3 3 3 3 3 2 ¹ / ₂ 2 ¹ / ₂	1½ 1½ 1½ 1¼ 1¼ 1¼ 1¼ 1¼ 1¼ 1¼ 1¼ 1¼	1 x 3/8 1 x 3/8	61/8 61/8 61/8 61/8 61/8 65/8 65/8	2.6 3 3.5 4 5° 6	.1024 .1181 .1379 .1575 .1968 	2 2.3 2.6 3 3.5 4 5* 6	.0787 .0906 .1024 .1181 .1379 .1575 .1968 .2362 .2756
				REGULAR	- HOLLON	V SHAFT				
12MM 13MM 14MM** 15MM 16MM 17MM	12 13 14 15 16	.4724 .5118 .5512 .5905 .6299	31/8 31/8 31/8 31/8 31/8	6 6 6 6 6	11/6 x 41/8 11/6 x 41/8 11/6 x 41/8 11/6 x 41/8 11/6 x 41/8	71/4 71/4 71/4 71/4 71/4 71/4	8°° - - 10	.3150	8** - - 10	.3150

^{*}Old Standard for 5MM Screw and Nut is 9MM Nutdriver.
**Old Standard for 8MM Screw and Nut is 14MM Nutdriver.

SERIES 99 COMPACT SETS

These sets are furnished in sturdy, pocket-size plastic cases with flat bottoms for use as bench stands. Handles and extensions included with each set have a patented spring device which holds the interchangeable blades firmly for driving, yet permits easy insertion and removal.

No. 99-PS-41-MM hex socket screwdriver set SELECTOR CHART

HEX SOCK	ET SCREWDR	IVER BLADES		SET SCREWS	CAP SCREWS	CAP SCREWS
CATALOG NO.		X SIZE across flats)	APPROX. WORKING LENGTH	THREAD DIAMETER	THREAD DIAMETER	THREAD DIAMETER
	Millimeters	Decimal Inches	(Inches)	Millimeters	Millimeters	Millimeters
99-71MM	1.27	.0500	4	2.6	1.4	_
99-72MM	1.5	.0591	4	3	1.7 & 2	_
99-73MM	2	.0787	4	4	2.3 & 2.6	3
99-74MM	2.5	.0984	4	5	3	4
99-75MM	3	.1181	4	6	4	5
99-76MM	4	.1575	4	8	5	6
99-77MM	5	.1968	4	10	6	8

EXTENSION: 99-X-5 (Adds 4" reach) HANDLE: 99-1 (11/6" x 41/8")

No. 99-PS-51-MM nutdriver set

SELECTOR CHART

NUTDRIVE					HEX NUTS			
CATALOG	HEX OP (width acr		DEPTH	APPROX. WORKING		CAP SCREWS THREAD DIAMETER		AMETER
NO.	Millimeters	Decimal Inches	OF HOLE (Inches)	LENGTH (Inches)	Millimeters	Decimal Inches	Millimeters	Decimal Inches
99-4MM	4	.1575	11/4	35/8	_	_	2	.079
99-4.5MM	4.5	.1773	11/4	35/8	-	-	2.3	.091
99-5MM	5	.1968	11/4	35/8	2.6	.102	2.6	.102
99-5.5MM	5.5	.2167	11/4	35/8	3	.118	3	.118
99-6MM	6	.2362	11/4	35/8	3.5	.138	3.5	.138
99-7MM	7	.2756	11/4	35/B	4	.157	4	.157
99-8MM	8	.3150	11/4	35/8	5*	.197	5*	.197
99-9MM°	9	.3543	11/4	35/8	_	_	-	_
99-10MM	10	.3937	11/4	4	6	.236	6	.236
99-11MM	111	.4331	11/4	4	7	.276	7	.276

*Old Standard for 5MM Screw and Nut is 9MM Nutdriver.

EXTENSION: 99-X-5 (Adds 4" reach) HANDLE: 99-1 (11/16" x 41/8")

SERIES 99 METRIC NUTDRIVER SHANKS AND HEX SOCKET BLADES

All nutdriver shanks and hex socket blades listed in the No. 99-PS-41-MM and 51-MM Sets may be purchased individually for use in Series 99 Regular, Junior, or Tee handles.

¹⁸⁻piece complete Metric Nutdriver Set containing all of above, packaged in cardboard carton. 3-17MM

¹⁰⁻piece set of popular size Metric Nutdrivers: 4MM thru 8MM, 10MM, 11MM, & 13MM, packaged in cardboard carton. 4-13MM

These sets contain assorted popular sizes of screwdrivers and color coded nutdrivers carefully selected to meet the requirements of a great variety of service, production, and maintenance applications.

Compact plastic cases save space, keep tools orderly in tool cabinet or service kit. Convenient eyelet permits hanging on tool board or wall behind work bench. Cases have transparent, see-thru fronts and white back panels for maximum visibility, instant identification, and ready selection of tools.



COLOR CODED NUTDRIVER SETS

NO. 157 7 Pieces (all shafts with $1\frac{1}{4}$ " clearance hole depth).

CATALOG NO.	COLOR CODE	HEX OPENING (width across flats)	SHAFT LENGTH	HANDLE DIMS.	OVERALL LENGTH
6	Black	3/16"	3"	1" x 31/8"	61/8"
8	Red	1/4"	3"	1" x 31/8"	61/8"
10	Amber	5/6"	3"	1" x 31/8"	61/8"
11	Green	11/32"	3"	1" x 31/8"	61/8"
12	Blue	3/8"	3"	1" x 31/8"	61/8"
14	Brown	7/6"	25/8"	11/6" x 41/8"	63/4"
16	Red	1/2"	25/8"	11/16" x 41/8"	63/4"

NO. 167 7 Pieces (4 have shafts with $1\frac{1}{4}$ " clearance hole depth, 3 have hollow shafts).

CATALOG NO.	COLOR	HEX OPENING (width across flats)	SHAFT LENGTH	HANDLE DIMS.	OVERALL LENGTH
		11/4" hole	depth		720 6
8	Red	1/4"	3"	1" x 31/8"	61/8"
10	Amber	1/4" 5/16"	3"	1" x 31/8"	61/8"
11	Green	11/32"	3" 3"	1" x 31/8"	61/8"
12	Blue	11/32" 3/8"	3"	1" x 31/8"	6½" 6½"
	THE REAL	HOLLOW SHAFT -	6" hole de	pth	100100
HS-14	Brown	7/6"	31/8"	11/16" x 41/8"	71/4"
HS-16	Red	7/16" 1/2"		11/16" x 41/8"	7½" 7½" 7½"
HS-18	Orange	%6"	3½" 3½"	11/16" x 41/8"	71/4"

NO. 177 7 Pieces (all have hollow shafts).

CATALOG NO.	COLOR	HEX OPENING (width across flats)	SHAFT LENGTH	DEPTH OF HOLE	HANDLE DIMS.	OVERALI LENGTH
HS-6	Black	3/16"	31/8"	51/2"	1" x 31/8"	61/4"
HS-8	Red	1/4"	31/8"	43/8"	11/16" x 41/8"	71/4"
HS-10	Amber	5/16"	31/8"	43/8"	11/16" x 41/8"	7½" 7½"
HS-11	Green	11/32"	31/8"	43/8"	11/16" x 41/8"	71/4"
HS-12	Blue	3/8"	31/8"	43/8"	11/16" x 41/8"	71/4"
HS-14	Brown	7/6"	31/8"	6"	11/6" x 41/8"	71/4"
HS-16	Red	1/2"	31/8"	6"	11/16" x 41/8"	71/4"

SCREWDRIVER SETS

NO. SDR-11 5 Pieces (all round blade for slotted screws).

CATALOG NO.	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
R-182	1/8"	2"	3/4" x 25/8"	45/8"
R-5324	5/32"	3"	3/4" x 25/8"	55/8"
R-3166	3/16"	6"	7/8" x 35/8"	95/8"
R-144	1/4"	4"	11/6" x 41/8"	81/8"
R-5166	5/16"	6"	11/4" x 41/4"	101/4"

NO. SDX-22 5 Pieces (all Phillips type).

CATALOG NO.	POINT SIZE	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALI LENGTH
X-100	0	1/8"	2"	3/4" x 25/8"	45/8"
X-101	1	3/16"	3"	7/8" x 35/8"	65/8"
X-102	2	1/4"	4"	11/6" x 41/8"	81/8"
X-103	3	5/6"	6"	11/4" x 41/4"	101/4"
SX-102	2	1/4"	15%"	11/16" x 2"	35/6"

NO. SRX-33 6 Pieces (4 round blade for slotted screws, 2 Phillips type).

CATALOG NO.	POINT	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
		SLO	OTTED		
R-184		1/8"	4"	3/4" x 25/8"	65/8"
R-3166	_		6"	7/8" x 35/8"	65/8" 95/8" 81/8"
R-144	_	3/16" 1/4"	4"	11/16" x 41/8"	81/8"
R-5166	-	5/16"	6"	11/4" x 41/4"	101/4"
		PHILL	IPS TYPE		
X-101	1	3/16"	3"	7/8" x 35/8"	65/8"
X-102	2	1/4"	4"	11/16" x 41/8"	81/8"

NO. SDS-44 5 Pieces (all square blade for slotted screws).

CATALOG NO.	BLADE SIDES	BLADE LENGTH	HANDLE DIMS.	OVERALI LENGTH
S-141	1/4"	11/4"	11/16" x 2"	31/4"
S-3164	3/16"	4"	7/8" x 35/8"	75/8"
S-144	1/4"	4"	11/16" x 41/8"	81/8"
S-5166	5/16"	6"	11/4" x 41/4"	101/4"
S-388	3/8"	8"	13/8" x 41/2"	121/2"

"BIG TWENTY" PHILLIPS TYPE SCREWDRIVER

This extra-long screwdriver with a 20" blade saves time and trouble working with semponents in hard to reach locations.

components in hard-to-reach locations.

Reaching through the circuitry from the rear of an electronic equipment cabinet to adjust fasteners or controls mounted on the inside of the front instrument panel...

making internal adjustments to automotive door hardware through access openings ... these and many other difficult operations become easy when the "Big Twenty" is brought into use.

Generous size, amber plastic (UL) handle offers firm grip, simplifies turning.

CATALOG	POINT	BLADE	BLADE	HANDLE	OVERALL
NO.		DIA.	LENGTH	DIMS.	LENGTH
X-2020	2	1/4"	20"	11/16" x 41/8"	241/8"

PHILLIPS TYPE SCREWDRIVERS ... with "super-tru" tips



These precision-made screwdrivers feature bright, nickel chrome blades with tips that have been specially treated and black-oxide finished for the ultimate in dimensional control. The closer fit of "super-tru" tips greatly improves their wear life and sub-

small size fasteners. These advantages are of particular importance in critical applications and such taxing conditions as production assembly work where drivers are in constant service.

All "super-tru" tip, Phillips type screwdrivers have black plastic (UL) handles.

XCELITE ® XST-101

CATALOG NO.	POINT	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
XST-100	0	1/8"	2"	3/4" x 25/8"	45/8"
XST-101	1	3/6"	3"	7/8" x 35/8"	65/8"
XST-102	2	1/4"	4"	11/16" x 41/8"	81/8"
XST-1010	1	3/16"	10"	7/8" x 35/8"	135/8"
XST-1020	2	1/4"	10"	11/14" x 41/8"	141/8"

COMPACT CONVERTIBLE SCREWDRIVER SET No. PS-89 for Hex Type Socket Screws

stantially reduces the possibility of damage to screw head recesses, especially in the

This versatile set contains 8 midget Allen hex type screwdrivers in sizes from .028" to 1/8" as listed in the Selector Chart below. These handy tools offer greater speed and ease in turning (particularly in close quarters) than conventional keys. They are especially recommended for such delicate, precision work as the assembly and servicing of instruments and controls. Handles of the midget drivers are of red plastic, clearly marked with Catalog Number and

hex size.

The unique "piggyback" torque amplifier handle included in the set

can be slipped over the top of the midget tool handles to provide a larger gripping surface, extended reach, and increased driving power. This makes the PS-89 a dual purpose set that does more jobs with less equipment, saves bench space, lightens the service kit. Tools are enclosed in a sturdy, see-

through plastic case for protection and easy identification. Case is hip-pocket size, has a broad flat base which permits its use as a bench stand. All tools are also available individually.



SELECTOR CHART

	IDGET HEX		Set Screw Nos.	Socket Head Cap Screw Nos. (1936 Series)	Socket Head Cap Screw Nos. (1960 Series)	Flat Head Cap Screw Nos.	
Catalog Number	Hex Size (width across flats)	Overall Length			O. J. L. Manner	Î	
P-18	.028"	4"	0	-		-	_
P-19	.035"	4"	1, 2	_	-	0	0
P-20	.050"	4"	3, 4	0, 1	0	1, 2	1, 2
P-21	1/6"	4"	5, 6	2	1	3, 4	3, 4
P-22	5/64"	4"	8	3, 4	2, 3	5, 6	6
P-23	3/32"	4"	10	5, 6	4, 5	8	8
P-764	7/64"	4"	_	_	6	_	_
P-24	1/8"	4"	1/4	8	-	10	10

TORQUE AMPLIFIER HANDLE (Black) Catalog Number TA-2 Size 1" x 31/8"

Interchangeable, hollow shaft NUTDRIVER SET No. HSC-1 ... with thru-drilled handle

An Xcelite exclusive, the HSC-1 is an extremely compact and versatile nutdriver set for production, maintenance, and service. Its eight interchangeable shafts include the most popular nutdriver sizes. Being hollow, they permit installation or removal of nuts over protruding bolts. Finished in bright nickel chrome, the shafts have precision, cold drawn, case-hardened sockets.

A unique feature of this set is the drilled handle which makes it possible to pass a screwdriver blade completely through the center of the handle and hollow nutdriver shaft. This speeds and simplifies work where combination locknut and slotted screw adjustments are required, as on rheostats and similar controls found in a wide variety of electrical and electronic products including recorders, business

machines, and data processing equipment.

Handle is amber (UL) plastic and contains a patented spring lock.
Blades snap in and out easily, yet are held firmly in alignment for

The HSC-1 set is furnished in a sturdy, pocket-size, see-thru, plastic carrying case which can be used also as a bench stand.

ITEM SPECIFICATIONS

NUMBER	HEX OPENING (width across flats)	OVERALL LENGTH (incl. handle)	MAX. SCREW- DRIVER BLADE DIAMETER ACCOMMODATED
C-5	3/6"	7"	1/8"
C-8	3/6" 1/4" 5/6"	7"	5/32"
C-10	5/6"	71/4"	5/32"
C-11	11/32" 3/8" 7/6"	71/4"	5/32"
C-12	3/8"	71/4"	5/32"
C-14	7/16"	71/2"	3/16"
C-16	1/2"	71/2"	3/16"
C-18	9/6"	7½" 7½" 7½" 7½" 7½" 7½" 7½"	3/16"

HANDIF

DIMENSIONS 11/16" x 41/8"

NOTE: For locknut/screw adjustments, a standard Xcelite round shank screwdriver having an 8" blade length is recommended for use with all nutdriver sizes



XCELITE INCORPORATED . Orchard Park, N. Y. 14127, U.S.A.

