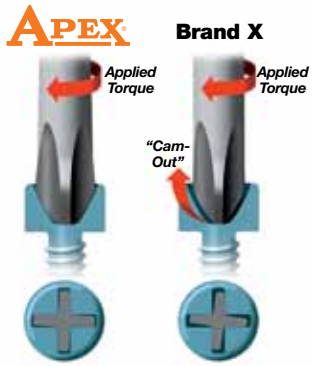
The Apex heritage of qual

For more than half a century Apex has maintained a position of leadership in industrial fastening tools. Today, Apex stands ready to improve the productivity of assembly operations around the world with unsurpassed tool performance and customer service.

Precision Fit

Apex quality begins with select raw materials. Only carefully chosen, high grade tool steel is used. Each tool is manufactured to the tightest tolerances in the industry...most are even tighter than licensing agreement requirements. Our bits meet the most stringent government and military specifications where applicable (ie. MIL-B-9946/5 for HTS Hi-Torque® bits used in aerospace assembly).



Precision fit of Apex tools eliminates "cam-out" and premature bit failure.

Apex sockets, nutsetters and universal wrenches have hex tolerances that are on average 48% tighter than DIN and 35% tighter than ANSI requirements. With Apex you are assured of an exact, sure fit.

All Apex sockets and extensions have the tightest tolerances for straightness and concentricity in the industry. Tools that run true perform better and last longer.

Precision-manufactured Apex tools are virtually wobble-free.

Lasting Performance

Each Apex tool is tempered with our proprietary heat treating process that lets you select the degree of hardness your particular application requires. Choose from tough, non-brittle durability that stands up to torque, to the hardest heat treat available in the industry for the ultimate in wear resistance.

Apex offers a choice of three heat treat hardness levels in many of our screwdriver bits to match the application. These heat treats are specified by a letter suffix as follows:

Apex bits & sockets last ten times longer than most of our competitors.

X - *Hardest heat treat in the industry*
I - *Intermediate hardness*
R - *Lowest hardness*

Our experienced staff can help in selecting the best heat treat for your particular application.

Square Recess Bits

1/4” Hex Insert Bits

Part Number	Point Size	Nominal Size In.	Overall Length In.	Overall Length mm
950-0X	0	1/16	1	25
950-1X	1	3/32	1	25
950-2X	2	1/8	1	25
950-3X	3	9/64	1	25

1/4” Hex Power Drive

Part Number	Point Size	Nominal Size In.	Overall Length In.	Overall Length mm
954-0X	0	1/16	1 15/16	49
954-A-0X	0	1/16	2 3/4	70
954-C-0X	0	1/16	6	152
954-1X	1	3/32	1 15/16	49
954-A-1X	1	3/32	2 3/4	70
954-B-1X	1	3/32	3 1/2	89
954-C-1X	1	3/32	6	152
954-2X	2	1/8	1 15/16	49
954-A-2X	2	1/8	2 3/4	70
954-B-2X	2	1/8	3 1/2	89
954-C-2X	2	1/8	6	152
954-3X	3	9/64	1 15/16	49
954-A-3X	3	9/64	2 3/4	70
954-B-3X	3	9/64	3 1/2	89
954-C-3X	3	9/64	6	152

1/4” Hex Power Drive – Turned Body

Part Number	Point Size	Nominal Size In.	Overall Length In.	Overall Length mm	Turned Length In.	Turned Length mm
1950-0X	0	1/16	1 15/16	49	1 1/4	32
1951-0X	0	1/16	2 3/4	70	2	51
1950-1X	1	3/32	1 15/16	49	1 1/4	32
1951-1X	1	3/32	2 3/4	70	2	51
1953-1X	1	3/32	3 1/2	89	2 3/4	70
1950-2X	2	1/8	1 15/16	49	1 1/4	32
1951-2X	2	1/8	2 3/4	70	2	51
1953-2X	2	1/8	3 1/2	89	2 3/4	70
1956-2X	2	1/8	6	152	5 1/8	130
1950-3X	3	9/64	1 15/16	49	1 1/4	32
1951-3X	3	9/64	2 3/4	70	2	51
1953-3X	3	9/64	3 1/2	89	2 3/4	70

Screw Size	3 & 4	5, 6, 7	8, 9, 10	12-14 1/4
Square Point Size	0	1	2	3

For Quad-rex bits refer to page 14.

Male Square Inserts for Pipe Plugs

1/4” to 1/2” Male Square

Part Number	Male Hex In.	Male Square In.	Overall Length In.	Overall Length mm
P-1408	7/16	1/4	1 1/4	32
P-1409	7/16	9/32	1 1/4	32
P-1410	7/16	5/16	1 1/4	32
P-1412	7/16	3/8	1 1/4	32
P-1414	7/16	7/16	1 1/4	32
P-1416	7/16	1/2	1 1/4	32
P-2010	5/8	5/16	1 1/2	38
P-2012	5/8	3/8	1 1/2	38
P-2014	5/8	7/16	1 1/2	38
P-2016	5/8	1/2	1 1/2	38

Note: For pipe plug inserts use SC and RP bit holders found on page 26.