

FASTENER AND SCREWDRIVER BITS USAGE BY INDUSTRY

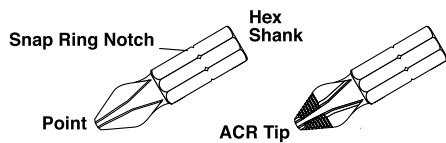
Profile	Phillips®	Square Recess (Robertson®)	Slotted®	Phillips Square Driv®	Pozidriv®	Torx®	Hex	Torx® w/pin	Tri-Wing®	Hex w/pin	Spanner
Automotive	■		■		■	■	■	■		■	
Aviation	■		■			■	■	■	■	■	
Appliance	■	■	■	■	■	■		■			
Furniture	■	■	■								
Construction/Decking	■	■	■	■	■						
Public Transportation	■		■	■				■			
Electronics	■		■			■		■			
HVAC	■	■	■					■			
Recreation	■		■								
Hobby	■		■								
Marine	■		■								
Security		■						■	■	■	■
Drywall	■										
Subfloor	■										
Machine Tools/Metal						■	■				

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 • Torx® is a registered trademark of Acument® Global Technologies.

Screwdriver Inserts and Power Bits are made from Industrial Grade S2 Tool Steel, heat treated to HRC58 – HRC62.
 ACR® bits have Anti Cam-out Ribs which allow precision fit and resist slippage.

FINDING THE RIGHT SCREWDRIVER BIT

INSERT BITS

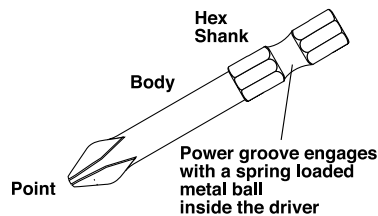


Insert Bits are engineered for use in hand driving applications or with power tools when used with insert bit holder. These compact bits are economical, change over quickly and require less storage space. Available in 1" OAL with 1/4" hex shank and 1-1/4", 1-1/2" OAL with 5/16" shank.

Features:

- Compact 1" standard length.
- Wide variety of point sizes to fit many different applications.
- Bits are milled for a precise fit.

POWER BITS

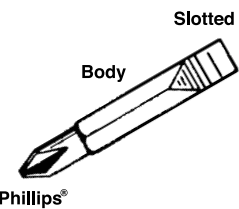


Power Bits are specifically built for the higher torque requirements of power tools. They fit directly into the power tool for improved concentricity and easier clearance. They are 1-15/16" and up OAL with 1/4" hex power shanks.

Features:

- Used in high-torque power tools.
- Designed for use in drill chuck and quick change chuck adapter.
- 1/4" hex power shank.
- Wide variety of tip configurations.

DOUBLE END BITS



Double End Bits deliver both speed and convenience by combining screwdriver bits in a one-piece design. These high quality bits are made to withstand the same high torque use as power bits.

Features:

- Combine two tip styles in one tool.
- Designed for three jaw chuck.

Screwdriver Bits Information Chart

BIT SELECTION CHART

Locate the type and size of screw you will be driving for each type of fastener.
Then move to the left column to find the point size you need.

PHILLIPS®



POINT SIZE	WOOD SCREW SIZE			MACHINE SCREW SIZE		SHEET METAL SCREW SIZE
	FLAT, OVAL	ROUND	FLAT, OVAL, BINDING	ROUND, FILLISTER	TRUSS, BRAZIER BUTTON	FLAT, OVAL, ROUND, STOVE, BINDING
0	0, 1	0, 1	0, 1	0, 1	0, 1	0, 1
1	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4, 5	2, 3, 4
2	5, 6, 7, 8, 9	5, 6, 7, 8, 9, 10	5, 6, 7, 8, 10	5, 6, 7, 8, 10	6, 8, 10	5, 6, 7, 8, 10
3	10, 12, 14, 16	12, 14, 16	12, 14	12, 1/4", 5/16"	12, 1/4"	12, 14
4	18, 20, 24	18, 20, 24	5/16", 3/8", 7/16", 1/2"	3/8", 7/16", 1/2"	5/16", 3/8", 7/16", 1/2"	—

SLOTTED®



SLOTTED POINT SIZE	SCREW SLOT WIDTH	
	MINIMUM	MAXIMUM
1 - 2	0.019	0.026
2 - 3	0.023	0.031
3 - 4	0.027	0.035
4 - 5	0.031	0.039
6 - 8	0.035	0.043
8 - 10	0.039	0.048
10 - 12	0.045	0.054
12 - 14	0.056	0.067

SQUARE RECESS



SQUARE RECESS POINT SIZE	TAPPING SCREW SIZE	WOOD SCREW SIZE	MACHINE SCREW SIZE
0	3, 4	3, 4	3, 4
1	5, 6, 7	5, 6, 7	5, 6
2	8, 10	8, 9, 10	8, 10
3	12, 14	12, 14	12, 14

HEX



SAE Fractional

POINT SIZE	SOCKET HEAD CAP SCREW SIZE	SET SCREW SIZE
5/64"	2, 3	8
3/32"	4, 5	10
7/64"	6	—
1/8"	—	1/4"
5/32"	10	5/16"
3/16"	1/4"	3/8"
7/32"	—	7/16"
1/4"	5/16"	1/2"
5/16"	3/8"	5/8"
3/8"	7/16", 1/2"	3/4"

TORX®



TORX® POINT SIZE	TORX® DIA.
T6	0.065
T7	0.077
T8	0.090
T9	0.097
T10	0.107
T15	0.128
T20	0.151
T25	0.173
T27	0.195
T30	0.216
T40	0.260
T45	0.306
T50	0.346
T55	0.440

Metric

M2.0	M2.3, 2.5, 2.6	M4
M2.5	M3	M5
M3.0	M4	M6
M4.0	M5	M8
M5.0	M6	M10
M6.0	M8	M12, 14

General Information:



Nut Setters

Popular for the pre-engineered building industry. For use with Hex Head Screws. 1/4" Hex Shank.



Bit Holders

Use in conjunction with insert bits. Magnetic. "Extra heavy duty" bit holders have "C" ring retainers. One or two piece construction.



Extensions/ Socket Adapters

Adapts a hand driver or drill into a socket wrench.

Screwdriver Bits Cross-Reference Chart (Apex® - Alfa Tools)

PHILLIPS®



Size x OAL	Apex®	Alfa Tools
1/4" Hex Insert Bits		
#1 x 1"	440-1X	HSB15802
#2 x 1"	440-2X	HSB15803
#3 x 1"	440-3X	HSB15804
1/4" Hex Insert Bits - Reduced		
#1 x 1"	446-1X	HSB15806
#2 x 1"	446-2X	HSB15805
ACR® 1/4" Hex Insert Bits		
#1 x 1"	440-1-ACR1X	HSB26110
#2 x 1"	440-2-ACR2X	HSB26111
#3 x 1"	440-ACR3X	HSB26112
ACR® 1/4" Hex Insert Bits - Reduced		
#2 x 1"	440-2-ACR2DX	HSB26113
5/16" Hex Insert Bits		
#1 x 1-1/4"	480-1X	HSB16021
#2 x 1-1/4"	480-2X	HSB16022
#3 x 1-1/4"	480-3X	HSB16023
1/4" Power Bits		
#1 x 1-15/16"	491X	HSB15845
#2 x 1-15/16"	492X	HSB15846
#3 x 1-15/16"	493X	HSB15847
#1 x 2-3/4"	491-AX	HSB15848
#2 x 2-3/4"	492-AX	HSB15849
#3 x 2-3/4"	493-AX	HSB15850
#1 x 6"	491CX	HSB15860
#2 x 6"	492-CX	HSB15861
#3 x 6"	493-CX	HSB15862
ACR® 1/4" Power Bits		
#1 x 1-15/16"	491-ACR1X	HSB26114
#2 x 1-15/16"	491-ACR2X	HSB26115
#3 x 1-15/16"	491-ACR3X	HSB26116

SLOTTED®



Size x OAL	Apex®	Alfa Tools
1/4" Insert Bits		
6F-8R x 1"	445-2X	HSB15809
8F-10R x 1"	445-3X	HSB15810
10F-12R x 1"	445-4X	HSB15811
5/16" Insert Bits		
6F-8R x 1-1/2"	485-2X	HSB16026
8F-10R x 1-1/2"	485-3X	HSB16027
10F-12R x 1-1/2"	485-3X	HSB16028
1/4" Power Bits		
1F-2R x 1-15/16"	320-000X	HSB16055
2F-3R x 1-15/16"	320-00X	HSB16056
3F-4R x 1-15/16"	320-0X	HSB16057
4F-6R x 1-15/16"	320-1X	HSB16058
6F-8R x 1-15/16"	320-3X	HSB15864
8F-10R x 1-15/16"	320-4X	HSB15865
10F-12R x 1-15/16"	320-5X	HSB15866
12F-14R x 1-15/16"	320-6X	HSB15871

TORX®



Size x OAL	Apex®	Alfa Tools
1/4" Hex Insert Bits		
T5 x 1"	440-TX-05X	HSB16066
T6 x 1"	440-TX-06X	HSB15820
T7 x 1"	440-TX-07X	HSB15821
T8 x 1"	440-TX-08X	HSB15822
T9 x 1"	440-TX-09X	HSB15823
T10 x 1"	440-TX10X	HSB15824
T15 x 1"	440-TX-15X	HSB15825
T20 x 1"	440-TX-20X	HSB15826
T25 x 1"	440-TX-25X	HSB15827
T27 x 1"	440-TX-27X	HSB15828
T30 x 1"	440-TX-30X	HSB15829
T40 x 1"	440-TX-40X	HSB15830
5/16" Insert Bits		
T30 x 1-1/4"	480-TX-30X	HSB16030
T40 x 1-1/4"	480-TX-40X	HSB16031
T45 x 1-1/4"	480-TX-45X	HSB16032
T47 x 1-1/4"	480-TX-47X	HSB16033
T50 x 1-1/4"	480-TX-50X	HSB16034
1/4" Power Bits		
T10 x 1-15/16"	49-TX-10	HSB15888
T15 x 1-15/16"	49-TX-15	HSB15889
T20 x 1-15/16"	49-TX-20	HSB15890
T25 x 1-15/16"	49-TX-25	HSB15891
T27 x 1-15/16"	49-TX-27	HSB15892
T30 x 1-15/16"	49-TX-30	HSB15893
T40 x 1-15/16"	49-TX-10	HSB15894
T10 x 6"	49-C-TX-10	HSB16081
T15 x 6"	49-C-TX-15	HSB16082
T20 x 6"	49-C-TX-20	HSB16083
T25 x 6"	49-C-TX-25	HSB16084
T27 x 6"	49-C-TX-27	HSB16085
T30 x 6"	49-C-TX-30	HSB16086
T40 x 6"	49-C-TX-40	HSB16087

TORX® TAMPERPROOF



Size x OAL	Apex®	Alfa Tools
1/4" Hex Insert Bits		
TT10 x 1"	440-TX-10-H	HSB15967
TT15 x 1"	440-TX-15-H	HSB15968
TT20 x 1"	440-TX-20-H	HSB15969
TT25 x 1"	440-TX-25-H	HSB15970
TT27 x 1"	440-TX-27-H	HSB15971
TT30 x 1"	440-TX-30-H	HSB15972
TT40 x 1"	440-TX-40-H	HSB15973
5/16" Hex Insert Bits		
TT45 x 1-15/16"	480-TX-45-H	HSB16980
TT50 x 1-15/16"	480-TX-50-H	HSB16981
TT55 x 1-15/16"	480-TX-55-H	HSB16982

HEX



Size x OAL	Apex®	Alfa Tools
1/4" Insert Bits		
5/64" x 1"	185-0X	HSB15836
3/32" x 1"	185-1X	HSB15837
7/64" x 1"	185-9X	HSB15838
1/8" x 1"	185-2X	HSB15839
5/32" x 1"	185-3X	HSB15840
3/16" x 1"	185-4X	HSB15841
5/16" Insert Bits		
5/32" x 1-1/4"	315-3X	HSB16045
3/16" x 1-1/4"	315-4X	HSB16046
7/32" x 1-1/4"	315-5X	HSB16047
1/4" x 1-1/4"	315-6X	HSB16048
5/16" x 1-1/4"	315-7X	HSB16049
3/8" x 1-1/4"	315-8X	HSB16051
1/4" Power Bits		
5/64" x 1-15/16"	AM-02-A	HSB16201
3/32" x 1-15/16"	AM-03	HSB16202
1/8" x 1-15/16"	AM-04	HSB16203
5/32" x 1-15/16"	AM-05	HSB16204
3/16" x 1-15/16"	AM-06	HSB16205
7/32" x 1-15/16"	AM-07	HSB16206
1/4" x 1-15/16"	AM-08	HSB15207
5/16" x 1-15/16"	AM-10	HSB15208

SQUARE RECESS®



Size x OAL	Apex®	Alfa Tools
1/4" Insert Bits		
#0 x 1"	950-0X	HSB15814
#1 x 1"	950-1X	HSB15815
#2 x 1"	950-2X	HSB15816
#3 x 1"	950-3X	HSB15817
1/4" Power Bits		
#1 x 1-15/16"	954-1X	HSB15872
#2 x 1-15/16"	954-2X	HSB15873
#3 x 1-15/16"	954-3X	HSB15874



MAGNETIC BIT HOLDERS



Size x OAL	Apex®	Alfa Tools
For 1/4" Insert Bits		
1/4" Shank x 2-5/8"	M-490	HSB66695
1/4" Shank x 4"	M-490-4	HSB66697A
1/4" Shank x 6"	M-490-6	HSB66698
For 5/16" Insert Bits		
1/4" Shank x 3-1/2"	M-498	HSB66700
5/16" Shank x 3-1/16"	M-638	HSB66702

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 • Torx® is a registered trademark of Acument® Global Technologies.
 • Apex® is a registered trademark of Cooper Industries.



Phillips® Insert Bits - 1/4" Hex Shank

POINT SIZE	OAL	STOCK #		
		PACK QTY.	BULK IN HANG-UP BOX	CARDED 2 PER CARD
#0	1"	25	HSB15801	HSB15801C
#1	1"	25	HSB15802	HSB15802C
#2	1"	25	HSB15803	HSB15803C
#3	1"	25	HSB15804	HSB15804C
#3	1-1/4"	25	HSB15807	HSB15807C



Reduced Body



Phillips® Drywall Bits - 1/4" Hex Shank

#1R	1"	25	HSB15806	HSB15806C
#2R	1"	25	HSB15805	HSB15805C



Phillips® Insert Bits - 5/16" Hex Shank

#1	1-1/4"	25	HSB16021	HSB16021C
#2	1-1/4"	25	HSB16022	HSB16022C
#3	1-1/4"	25	HSB16023	HSB16023C



Phillips® ACR® Insert Bits - 1/4" Hex

POINT SIZE	OAL	STOCK #		
		PACK QTY.	BULK IN HANG-UP BOX	CARDED 2 PER CARD
#1	1"	25	HSB26110	HSB26110C
#2	1"	25	HSB26111	HSB26111C
#3	1"	25	HSB26112	HSB26112C



Reduced Body



Phillips® ACR® Drywall Bits - 1/4" Hex

#2R	1"	25	HSB26113	HSB26113C
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Phillips® ACR® Power Bits - 1/4" Hex

#1	1-15/16"	25	HSB26114	HSB26114C
#2	1-15/16"	25	HSB26115	HSB26115C
#3	1-15/16"	25	HSB26116	HSB26116C

All assortment displays are on page E10



Phillips® Power Bits - 1/4" Hex Shank

POINT SIZE	OAL	STOCK #		
		PACK QTY.	BULK IN HANG-UP BOX	CARDED 1 PER CARD
#1	1-15/16"	25	HSB15845	HSB15845C
#1	2-3/4"	10	HSB15848	HSB15848C
#1	3"	10	HSB15851	HSB15851C
#1	3-1/2"	10	HSB15851A	HSB15851AC
#1	4"	10	HSB15854	—
#1	5"	10	HSB15857	—
#1	6"	10	HSB15860	—
#2	1-15/16"	25	HSB15846	HSB15846C
#2	2-3/4"	10	HSB15849	HSB15849C
#2	3"	10	HSB15852	HSB15852C
#2	3-1/2"	10	HSB15852A	HSB15852AC
#2	4"	10	HSB15855	—
#2	5"	10	HSB15858	—
#2	6"	10	HSB15861	—
#3	1-15/16"	25	HSB15847	HSB15847C
#3	2-3/4"	10	HSB15850	HSB15850C
#3	3"	10	HSB15853	HSB15853C
#3	3-1/2"	10	HSB15853A	HSB15853AC
#3	4"	10	HSB15856	—
#3	5"	10	HSB15859	—
#3	6"	10	HSB15862	—



DSP271



- Drives screw perfectly flush into drywall.
- Prevents dimpling / damaging.
- Use in any 1/4" bit holder.



DST40



Drywall Stopper - 1/4" Hex Shank

DESCRIPTION	PACK QTY.	STOCK #
#2 Ph x 1" x 1/4"	25	DSP271
T40 x 1" x 1/4"	25	DST40

Drywall Stopper Power Bit - 1/4" Hex Shank



DSP272



#2 Ph x 2" x 1/4"	25	DSP272
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SELECT-A-BIT JAR DISPLAY



- Clear plastic jar allows maximum product exposure in minimum space.

CONTENTS	ITEM	QTY.	STOCK #
#2 x 1" Phillips® 1/4" Insert Bits	HSB15803	500	CJ8004
#2R x 1" Phillips® Reduced Body For Drywall, 1/4" Insert Bits	HSB15805	500	CJ8008
#2 x 1-15/16" Phillips® 1/4" Power Bits	HSB15846	250	CJ8022
#2 x 1" Phillips® ACR 1/4" Power Bits	HSB26111	500	CJ8031
#2 x 1" Phillips® x 1/4" Phillips® Stopper	DSP271	250	DSPJ271

1 jar display per box