

## Spade Type Wood Bits



Individual Wood Bits	
Catalog Number	Diam.
WB38	3/8"
WB12	1/2"
WB58	5/8"
WB34	3/4"
WB78	7/8"
WB1	1"
WB118	1-1/8"
WB114	1-1/4"
WB138	1-3/8"
WB112	1-1/2"

### DIAMETER CHART

Unique designed ground points and cutting edges drill faster, cleaner holes, using less power than standard spade type bits. Cut straight or angled holes in soft and hard woods, plus formica, plaster, chipboard, foam core material, many non-metallic building sidings and foam insulation. Made of one-piece special heat treated tool grade steel. Six "flat" 1/4" shank fits securely in conventional chucks. Easy to spot "size marking" is stamped on head. Bits also feature "head hole" for convenient storage and wire pulling. Resharpener with saw file or grinder. Available individually or in sets. 12" extension also available. See below.



WB6K

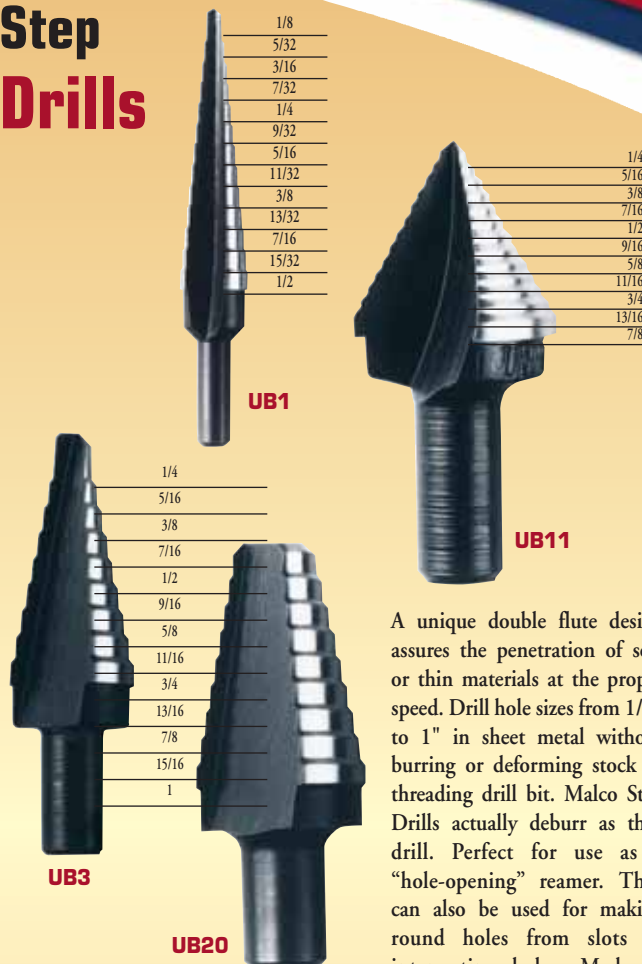
### WOOD BIT KIT

Catalog Number	Description
WB6K	6 piece set: 3/8", 1/2", 5/8", 3/4", 7/8" and 1"

### WOOD BIT EXTENSION

Catalog Number	Diam.	Overall Lgth.	Shank Dia.
WBEX	—	12-7/8"	1/4"

## Step Drills



A unique double flute design assures the penetration of soft or thin materials at the proper speed. Drill hole sizes from 1/8" to 1" in sheet metal without burring or deforming stock or threading drill bit. Malco Step Drills actually deburr as they drill. Perfect for use as a "hole-opening" reamer. They can also be used for making round holes from slots or intersecting holes. Made of industrial grade high speed steel. Malco Step Drills are heat treated and tempered to assure maximum strength for long wearing rugged use. Completely resharpenable.

Catalog Number	Description	Depth Each Step	Elect. Drill Size	Pilot Hole Req.
UB1	Drills 13 hole sizes from 1/8" to 1/2" diameter in 1/32" (0.79) increments.	1/8"	1/4"	No
UB20	Drills 8 hole sizes from 9/16" to 1" diameter in 1/16" increments.	1/8"	3/8"	1/2"
UB3	Drills 9 hole sizes from 1/4" to 3/4" diameter in 1/16" increments.	1/8"	3/8"	No
UB11	Drills 11 hole sizes from 1/4" to 7/8" diameter for creating 1/2" knock outs.	N/A	3/8"	No

## Carbide Tipped Rotary-Percussion Bits



Use in any rotary or rotary percussion drilling device for unexcelled performance in brick, tile, granite, concrete, masonry and other similar hard and dense materials. Brazed tungsten carbide tips have 120° chamfer and are specially tempered for strength and long life.

Catalog Number	Bit Dia.	Shank Dia.	Nominal O/A Lgth.
RP01	1/8"	1/8"	3"
RP04	3/16"	3/16"	3-1/2"
RP09	1/4"	1/4"	4-1/4"
RP10	1/4"	1/4"	6"
RP18	5/16"	5/16"	4-1/2"
RP46	1/2"	3/8"	6-3/4"



## Jobber Drill Sets



**FJ13S**  
13 Piece Set

Catalog Number	Description
<b>FJ13S</b>	Fractional sizes in metal DRILDEX container. Sizes: 1/16 to 1/4" x 64ths.



**FJ60S**  
60 Piece Set  
Wire Gauge

Catalog Number	Description
<b>FJ60S</b>	Wire gauge sizes in metal DRILDEX container. Sizes: 1 to 60.

## 20 Piece Orifice Drill Set

**FJ6180**  
includes PV1  
Pin Vise



Catalog Number	Description
<b>FJ6180</b>	Wire gauges sizes for drilling or cleaning oil and gas orifices. Metal DRILDEX container. Sizes: 61 to 80. Includes pin vise.

## High Speed Jobber Length Drills



General purpose drills. 118° conventional point angle allows deep drilling in a variety of materials including metal.

### FRACTIONAL SIZES

Catalog Number	Decimal Equiv. Inches	Length Overall Inches
<b>FJ1/8</b>	.1250	2-3/4
<b>FJ3/16</b>	.1875	3-1/2
<b>FJ1/4</b>	.2500	4
<b>FJ5/16</b>	.3125	4-1/2
<b>FJ3/8</b>	.3750	5
<b>FJ1/2</b>	.5000	6

## Sheet Metal Drills



Sheet metal drills with 135° split point design bite into metal precisely where wanted - will not wander.

### FRACTIONAL SIZES

Catalog Number	Decimal Equiv. Inches	Length Overall Inches	Pkg. Size
<b>FS1/8</b>	.1250	1-7/8	1
<b>FS3/16</b>	.1875	2-3/16	1
<b>FS1/4</b>	.2500	2-1/2	1

### FS Series with 1/4" reduced shank

<b>FS5/16</b>	.3125	2-13/16	1
<b>FS3/8</b>	.3750	3-1/8	1
<b>FS1/2</b>	.5000	3-3/4	1

### WIRE GAUGE SIZES

<b>FS29</b>	.1360	1-15/16	1
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### POLISHED DRILLS

<b>PFS1/8</b>	.1250	1-7/8	12
<b>PFS30</b>	.1285	1-15/16	12
<b>PFS1/4</b>	.2500	2-1/2	12

### BLACK NITRIDED DRILLS

<b>NFS1/8</b>	.1250	1-7/8	12
<b>NFS30</b>	.1285	1-15/16	12

## Pin Vise



**PV1**

Use in hand or insert in drill chuck. Pin Vise holds wire gauge drill sizes 60 to 97.

Catalog Number	Capacity	Length
<b>PV1</b>	Gauge sizes 60-97	3"

## Double Ender Sheet Metal Drills



Two Points for **TWICE** The LIFE, **TWICE** the CONVENIENCE

### POLISHED DRILLS

Catalog Number	Decimal Equiv. Inches	Length Overall Inches	Length of twist Inches	Pkg. Size
<b>DE1/8</b>	.1250	2	1/2	12
<b>DE30</b>	.1285	2	1/2	12
<b>DE9/64</b>	.1406	1-15/16	1/2	12
<b>DE3/16</b>	.1875	2-3/16	1/2	12
<b>DE1/4</b>	.2500	2-1/2	1/2	12



**DE1/8B**

## DOUBLE ENDERS IN BULK PACKS

Catalog Number	Description	Pkg. Size
<b>DE1/8B</b>	Bulk Double Enders	144
<b>DE30B</b>	Bulk Double Enders	144

## BLACK NITRIDED DRILLS

Catalog Number	Decimal Equiv. Inches	Length Overall Inches	Length of twist Inches	Pkg. Size
<b>NDE1/8</b>	.1250	2	1/2	12
<b>NDE30</b>	.1285	2	1/2	12