

# METAL DRILLING STEP DRILL BITS / SPECIAL PURPOSE DRILLING

#### **UNIBIT® Sets**



10228

Description	Туре	Contents	Stock #
4-pc Set	High Speed Steel Set	#1, 2, 4 & 21	10225
4-pc Set	High Speed Steel Set w/#1 TiN	#1, 2 & 3 plus #1T	10228
3-pc Set	High Speed Steel Set	#1, 2 & 3	10502
3-pc Set	Titanium Nitride Coated Set	#1T, 2T & 3T	15502
3-pc Set	Cobalt Set	#1C, 2C & 3C	10502CB
9-pc Set	Unibit/ TiN Turbomax Set	#1, #4 & 7-pc TiN (1/16", 3/32", 1/8", 3/16", 7/32", 1/4", 3/8")	3018008

### Double End HSS Drill Bits (Series 606/ 616)

#### 10228

- Black Oxide finish for corrosion resistance
- Drills twice as many holes as a single end drill bit
- Heavy-duty web for strength and durability

#### **Applications:**

General metal drilling in tight spaces, drilling sheet metal for rivets and fasteners

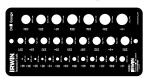
Size	Decimal Equiv.	Flute Length	Overall Length	Carded Stock #	Bulk Stock #
7/64"		5/8"	1*7/8"	_	60607
1/8"		5/8"	2"	-	60608
9/64"		5/8"	2"	-	60609
5/32"		5/8"	2-1/16"	-	60610
3/16"		5/8"	2-3/16"	-	60612
7/32"		11/16"	2-3/8"	-	60614
1/4"		7/8"	2-1/2"	-	60616
#11		11/16"	2-1/4"	-	61611
#20		5/8"	2-1/8"	-	61620
#30		5/8"	2"	-	61630

High Speed Steel Countersinks	Size	Decimal Equiv.	Flute Length	Overall Length	Carded Stock #	Bulk Stock #
	1/2"	.5000	3/8"	1-5/8"	12411	_
	5/8"	.6250	7/16"	1-3/4"	12412	_
	3/4"	.7500	1/2"	1-13/16"	12413	_

12413

- 1/4" round shank
- Milled and precision ground to 82° for countersinking into most machinable materials
- 5 Flutes

### **Drill Bit Gauage & Stand**



1209	2
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Description	Carded Stock #	Bulk Stock #
Fractional Drill Gauge	12092	-
Drill Stand 1/16" - 1/2"	60172	-

## 800.866.5740

### A Century of Quality & Innovation

In 1885 the IRWIN Auger Bit Company was formed. Over 120 years later, IRWIN<sup>®</sup> is still the leading manufacturer of wood drilling bits & accessories.

IRWIN is now proud to introduce the new SPEEDBOR MAX, the fastest SPEEDBOR ever. Three cutting edges and 3 spurs extend the life of the bit and provide a fast, smooth, clean hole. Whether roughing in electrical or cutting clean holes for carpentry work, professionals can improve their productivity with the new innovative SPEEDBOR MAX.

No matter what wood drilling project you face, IRWIN Industrial Tools makes a drill bit to do the job better. Our mark of quality is stamped on the shank of our full range of bits for every application and every need. Whether it requires quick, clean holes or precise finish work, there's an IRWIN bit for every job. Use the chart below to determine exactly what you need.

Bit Style	Size Range	Typical Trades	Application Benefits
SPEEDBOR® MAX	1/2" to 1-1/4" diameter	Carpentry Electrical Plumbing	Fast, clean holes with reduced "break out" when through-hole drilling. Full Screw-Tip requires less effort.
SPEEDBOR® Flat Bits	1/4" to 1-1/2" diameter 4-3/4" to 16" lengths	Carpentry Electrical Plumbing	Fast, clean holes with reduced "break out" when through-hole drilling
I-100 Solid Center Auger Bit	1/4" to 1-1/2" diameter 7-1/2" length	Carpentry Electrical Plumbing	Self-feeding tip pulls bit into the work for repetitive cutting of fast clean holes with a clean exit hole. Single spur cutting edge scribes the circumference of the hole for a smoother finish
Ship Auger Bit	3/8" to 2" diameter 7-1/2" to 29" lengths	Public Utilities Electrical Plumbing Carpentry Log Homes	Hollow center provides better chip removal for deeper holes in utility poles and logs
Installer Bit	1/4" to 3/4" diameter 12" to 30" lengths	Telecommunications Cable / Internet Security Systems	Wire hole near the end of the bit enables user to pull wire back through after drilling the hole
Self-Feed Bit	1" to 4-5/8" diameter	Plumbing Electrical General Contracting	Replaceable self-feeding tip pulls bit into the wood; for cutting larger holes with clean edges
Forstner Bit	1/4" to 2-1/8" diameter	Fine Woodworking Cabinetmaking	Precise cutting of smooth, flat-bottomed (blind) holes with clean, sharp edges
Brad Point Bit	1/8" to 1/2" diameter	Woodworking Cabinetmaking	Precise cutting of smooth through-holes with clean, sharp edges and reduced "break out"

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