












A Century of Quality and Innovation

In 1885, the IRWIN® Auger Bit Company was formed. Over 125 years later, IRWIN is still the leading manufacturer of wood drilling bits and accessories. No matter what wood drilling project you face, IRWIN Tools makes a drill bit that performs the job better. Our mark of quality is stamped right on the shank of our full range of bits. Whether the job requires quick, clean holes or precise finish work, IRWIN has a bit for every application and every need.

The all new IRWIN® WeldTec™ pole auger is made stronger and lasts longer than any pole auger in the market. It features a welded high speed steel cutting edge that is sharper and larger than standard carbon steel pole augers, providing increased durability and faster drilling in dense, treated, or creosote-soaked wood. With a feed screw that is 50% larger* and a 10% faster pitch*, it's designed specifically for drilling deep holes in dense wood. The flutes are about two times wider* for maximum chip removal – even in the deepest holes. Only IRWIN offers the superior performance and added durability of WeldTec.

Use the chart below to determine which bit is best for the job at hand.

Bit Style	Size Range	Typical Trades	Application Benefits
 <p>Tri-Flute Bit</p>	7/16" to 1-1/2" diameter	Carpentry, Electrical, Plumbing	Fast, clean holes with reduced "break out" when through-hole drilling. Full-screw tip requires less effort.
 <p>Spade Bit</p>	1/4" to 1-1/2" diameter 4-3/4" to 16" lengths	Carpentry, Electrical, Plumbing	Fast, clean holes with reduced "break out" for through-hole drilling or countersinking.
 <p>Solid Center Auger Bit</p>	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.
 <p>Hollow Center Auger Bit</p>	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.
 <p>Installer Bit</p>	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 the hole after drilling.
 <p>Self-Feed Bit</p>	1" to 4-5/8" diameter	Plumbing, Electrical, General Contracting	Replaceable self-feeding tip pulls bit into the wood. Best for cutting larger holes with clean edges.
 <p>Forstner Bit</p>	1/4" to 2-1/8" diameter	Fine Woodworking, Cabinet Making	Precise cutting of smooth, flat-bottomed (blind) holes with clean, sharp edges.
 <p>Brad Point Bit</p>	1/8" to 1/2" diameter	Woodworking, Cabinet Making	Precise cutting of smooth through-holes with clean, sharp edges and reduced "break out."
 <p>Countersink Bit</p>	1/8" to 1/2" diameter	Woodworking, Cabinet Making	Perfect for variable-size countersink holes.
 <p>Plug Cutters</p>	1/8" to 1/2" diameter	Woodworking, Cabinet Making	Perfect for cutting dowels or plug holes.
 <p>Quick-Change Extensions</p>	1/4" available in 2", 6" and 12" length 3/8" available in 2", 5-1/2" and 12" length 7/16" available in 5-1/2", 12" and 18" length	Woodworking, Cabinet Making	Lock-n-Load® system for quick release and fast bit changes.

* vs. standard pole augers



49916



Solid Center Auger with Cutting Spur – I-100 Series

- Single cutting spur scribes the outside of the hole for faster drilling, cleaner holes, and a smoother finish.
- Solid-center design increases durability and provides rigidity for smooth, straight drilling.
- Coarse screw-point for fast drilling in soft and hard woods.
- Full-length heat-treating strengthens the twist, guarding against bending in tough applications, and improves overall bit durability and drilling life.

Diameter	Shank Size	Twist Length	Overall Length	Item #
1/4"	3/16"	4-1/2"	7-1/2"	49904
5/16"	7/32"	4-1/2"	7-1/2"	49905
3/8"	5/16"	4-1/2"	7-1/2"	49906
7/16"	5/16"	4-1/2"	7-1/2"	49907
1/2"	5/16"	4-1/2"	7-1/2"	49908
9/16"	5/16"	4-1/2"	7-1/2"	49909
5/8"	5/16"	4-1/2"	7-1/2"	49910
11/16"	5/16"	4-1/2"	7-1/2"	49911
3/4"	5/16"	4-1/2"	7-1/2"	49912
13/16"	5/16"	4-1/2"	7-1/2"	49913
7/8"	5/16"	4-1/2"	7-1/2"	49914
15/16"	5/16"	4-1/2"	7-1/2"	49915
1"	5/16"	4-1/2"	7-1/2"	49916
1-1/8"	7/16"	4-1/2"	7-1/2"	49918
1-1/4"	7/16"	4-1/2"	7-1/2"	49920
1-3/8"	7/16"	4-1/2"	7-1/2"	49922
1-1/2"	7/16"	4-1/2"	7-1/2"	49924
Solid Center Auger Bit Sets				
6-pc pouched contains 1/4", 3/8", 1/2", 5/8", 3/4" & 1"				49998
3-pc pouched contains 1/4", 3/8", & 1/2"				49999
Hex Key Extensions				
5/16" Hex Key Extension			18"	43805
7/16" Hex Key Extension			18"	3046003



43616

Hand Brace Solid Center Auger Bits – 62T Series

- Medium-fast screw point is ideal for general wood drilling applications.
- Full-length, heat-treated bit guards against bending in heavy-duty applications, and strengthens the twist where the greatest strain occurs.
- Double spur, double cutter design leaves an extremely clean hole finish.

Diameter	Shank Type	Twist Length	Overall Length	Item #	Bulk Item #	
1/4"	Taper square	3-1/2"	7-1/2"	43604	—	
5/16"	Taper square	3-5/8"	7-5/8"	43605	—	
3/8"	Taper square	3-3/4"	7-3/4"	43606	—	
7/16"	Taper square	3-7/8"	7-7/8"	43607	—	
1/2"	Taper square	4"	8"	43608	—	
9/16"	Taper square	4-1/8"	8-1/8"	43609	—	
5/8"	Taper square	4-1/4"	8-1/4"	43610ZR	—	
11/16"	Taper square	4-3/8"	8-3/8"	43611	—	
3/4"	Taper square	4-1/2"	8-1/2"	43612	—	
13/16"	Taper square	4-5/8"	8-5/8"	43613ZR	—	
7/8"	Taper square	4-9/16"	8-3/4"	43614	—	
15/16"	Taper square	4-11/16"	8-7/8"	43615	—	
1"	Taper square	4-13/16"	9"	43616	—	
1-1/2"	Taper square	4-7/8"	9-1/2"	—	43624	
13-pc Pouch Set Contains 1/4" - 1"					—	43697