












## 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

## Ship Auger Bits with WeldTec™

The IRWIN® with WeldTec™ ship auger is made stronger and lasts longer than any ship auger in the world. It features a welded cutting edge that easily cuts through tough materials like nail-embedded wood. It has twice the nail cutting life of standard ship augers. With an aggressive screw-pitch for faster drilling, this bit is fully-forged for maximum durability, and wide flutes provide maximum chip removal with less binding.



### WeldTec SHIP AUGER BIT FEATURES

1. Patent-pending welded cutting edge for extreme life in tough materials, including nail-embedded wood.
2. Aggressive screw-pitch for faster drilling.
3. Wide flutes for maximum chip removal with less binding.
4. Fully-forged bit for maximum durability.\*\*

3043011

**2X** NAIL CUTTING LIFE\*

\* Compared to standard IRWIN ship augers  
\*\* Fully forged on bits 3/4" diameter and larger



WOOD DRILLING

## 7.5" Ship Auger Bits with WeldTec™



1779343

Diameter	Twist Length	Overall Length	Item #	Bulk Item #
3/8"	5"	7-1/2"	1779135	—
7/16"	5"	7-1/2"	1779136	—
1/2"	5"	7-1/2"	1779137	—
9/16"	5"	7-1/2"	1779138	—
5/8"	5"	7-1/2"	1779139	—
11/16"	5"	7-1/2"	1779140	—
3/4"	5"	7-1/2"	1779341	—
13/16"	5"	7-1/2"	1779342	—
7/8"	5"	7-1/2"	1779343	—
15/16"	5"	7-1/2"	1779344	—
1"	5"	7-1/2"	1779345	—
1-1/16"	5"	7-1/2"	1779346	—
1-1/8"	5"	7-1/2"	1779347	—
1-1/4"	5"	7-1/2"	1779348	—
1-3/8"	5"	7-1/2"	1779349	—
1-1/2"	5"	7-1/2"	1779350	—

## 17" Ship Auger Bits with WeldTec™



3043011

Diameter	Twist Length	Overall Length	Item #	Bulk Item #
3/8"	12"	17"	3043004	3043004B
7/16"	12"	17"	4935570	4935571
1/2"	12"	17"	3043005	3043005B
9/16"	12"	17"	3043006	3043006B
5/8"	12"	17"	3043007	3043007B
11/16"	12"	17"	3043008	3043008B
3/4"	12"	17"	3043009	3043009B
13/16"	12"	17"	3043010	3043010B
7/8"	12"	17"	3043011	3043011B
15/16"	12"	17"	3043012	3043012B
1"	12"	17"	3043013	3043013B
1-1/16"	12"	17"	4935572	4935573
1-1/8"	12"	17"	3043014	3043014B
1-1/4"	12"	17"	3043015	3043015B
1-3/8"	12"	17"	4935574	4935575
1-1/2"	12"	17"	3043016	3043016B
1-5/8"	12"	17"	—	1773957
1-3/4"	12"	17"	—	1773958
2"	12"	17"	—	1773959