

PREMIUM

ROUTER BITS

**EXPANDED LINE OF ROUTER BITS
OFFER DYNAMIC APPLICATION SOLUTIONS**

Knowledge and Expertise

For years, router bits have been a mainstay to Wisconsin Knife Work's (WKW) cutting tool lines and a key to their success. With this comes an enormous amount of knowledge, expertise and customer involvement. Now, WKW announces an expanded router bit offering to uniquely service your routing needs.

Industrial Production Router Bits

WKW has added to their line of straight and spiral router bits single and double flute configurations in HSS, carbide tipped and solid carbide. The bits are designed for numerous applications including man-made materials such as MDF, particleboard, OSB, and laminates. WKW has also added bits specifically designed for plastics applications.

Looking for NC or CNC router bits? Look to WKW to satisfy your needs. At Wisconsin Knife Works, their business is to support your needs in production routing.

Standard and Custom Applications

If you haven't tried router bits from Wisconsin Knife Works, you'll wish you had sooner. If you're already using WKW router bits, look at these additions:

- Over 120 new bits added to the line
- Bits are application specific
- Router bits for;
 - Solid wood products
 - Manufactured wood products
 - Laminated products
 - Plastics
 - Fiberglass
 - Non-ferrous metals

WKW has in-stock a large offering of bits for various applications. But, if you have an application where you feel that a stock bit just won't cut it, call WKW. They specialize in manufacturing custom lengths and diameters to fit your application.



Wisconsin Knife Works, Inc.



THE ROUTING ADVANTAGE

Today, the choice process for machining wood, wood by-products, plastics, composites, and other non-ferrous material is undoubtedly routing.

HSS Router Bits - Use high speed steel router bits in natural woods with medium to hard density and hardness. HSS router bits can also be used in plastic applications utilizing rigid non-abrasive materials where a smooth finish is critical.

Carbide Tipped Router Bits - Use carbide tipped router bits in abrasive materials where HSS does not hold up. Single flute bits will allow for faster feed rates and better chip removal, while double flute bits will provide a smoother finish.

Solid Carbide Bits - Use solid carbide bits in more difficult to cut materials where longer-life and faster feed rates are required.



WISCONSIN KNIFE WORKS OFFERS A FULL LINE OF ROUTER BITS INCLUDING:

CARBIDE TIPPED AUTOMATIC DOVETAIL BITS

All Wisconsin Knife Works automatic dovetails have a standard 10 degree taper. The 5/16" - 24 threads fit Dodds machines, 3/8" - 20 threads fit Wysong & Miles and Dodds machines, and 3/8" - 24 threads fit Bell machines.

STRAIGHT BITS

Wisconsin Knife Works offers both standard and custom straight bits in a variety of styles including high speed steel, solid carbide, carbide tipped, chip breaker, boring point, and stagger tooth. Most bits are available in one and two flute configurations and are utilized to cut wood, plastic or fiberglass. Straight bits are designed for high production runs and smooth finishes.

SPIRAL BITS

WKW spiral bits are available in high-speed steel and solid carbide for use on abrasive materials in hard and soft wood and/or wood composites, MDF, particleboard, non-ferrous metals and a wide variety of plastics. Spiral bits are available in two styles: Upcut for grooving, slotting, or blind routing; Downcut for trimming, sizing, and plunging operations. Both spiral bits eliminate chip build up and vibration while providing a mirror smooth finish.

PANEL PILOT BITS

Panel pilot bits are typically used for rough cutting panels for window, floor, or ceiling cut-outs as well as plastic trimming. Excellent in a wide range of materials: wood and vinyl paneling, wallboard, and thin layers of aluminum. Available in high-speed steel or carbide tipped.

PLASTIC BITS

Solid carbide plastic bits are available in straight, single or double flute configurations for use in soft or rigid plastics. In addition, solid carbide spiral bits are available in single or double flute with an upcut or downcut spiral.

CUSTOM ROUTER BITS

Wisconsin Knife Works can make custom router bits for your specific application. Product enhancements include different cutting angles, cutting lengths, materials and/or coatings. As engineers to the woodworking industry, WKW will produce the cutting tool you require to perform the results you need.

WKW™

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