



Product Catalog





About KWS

KWS America is a brand specialized in high-precision tools, powered by German technology. With over 20 years of innovation, we offer solutions developed to serve the woodworking and furniture manufacturing industries with excellence. Our tools are globally recognized for their durability, strength, and efficiency.

Innovation and Cutting-Edge Technology

We continuously invest in modern equipment and state-of-the-art production processes. Our advanced technologies ensure precise cutting tolerances and strict quality control at every stage of manufacturing.



Technology Highlights

Exclusive Materials

Our tools are made with special alloy compositions, offering enhanced strength and durability.

High-Pressure Heat Treatment

This process significantly increases material toughness, making the tools more resistant to wear and continuous use.

Precision Grinding & Balancing

Advanced technology that ensures greater accuracy and sharpness, delivering superior performance in every application.

20+
Years in the Market

80
Countries with Distribution

1,000 +
Production Machines

50,000 + m²
Manufacturing Area

1,000,000 +
Annual Production Capacity

100 +
Products Developed

Strategic Partnership

KWS's presence in the United States is made possible through a strategic partnership with NIMO Import & Export Ltd., founded in 2019 and led by CEO Nicolas Suarez.

NIMO specializes in the retail trade of hardware and tools, serving as the official representative and distributor of KWS in the country.



Table of Contents

Saw Blade

120mm Scoring Saw Blade	KWS-BLD-SCORING-BLADE
10" Circular Saw Blade	KWS-BLD-SAW-BLADE-250D80T30B
12" Universal Saw Blade	KWS-BLD-MAIN-BLADE
14" Circular Saw Blade	KWS-BLD-SAW-BLADE-350D28T30B

Hinge Bits

8mm Hinge Drill Bit for Precision Boring	KWS-BIT-301008
35mm Hinge Drill Bit for European Hinges	KWS-BIT-203351

CNC Bits

2-1/2" 3-Flute CNC Spoilboard Surfacing Bit	KWS-BIT-RC-2255-M
1/2" Inch Ball Nose Router Bit for 2D & 3D Carving	KWS-BIT-46495
1/2" Solid Carbide Mortise Compression Spiral Router Bit	KWS-BIT-46354
1/2" Solid Carbide Spiral Plunge Router Bit	KWS-BIT-46206-K
1/4" Extra Long Ball Nose CNC Router Bit	KWS-BIT-46490
1/4" Solid Carbide Compression Spiral Router Bit	KWS-BIT-46037
1/4" Solid Carbide Spiral Plunge Router Bit	KWS-BIT-46202-K
3/8" Inch Ball Nose CNC Router Bit for 2D & 3D Carving	KWS-BIT-46491
3/8" Compression Spiral Router Bit	KWS-BIT-46709-K
3/8" Solid Carbide Spiral Plunge Router Bit	KWS-BIT-46420-K



✉ kwsamerica.com
✉ sales@kwsamerica.com
✉ @kwsamerica

Premium Tools for Demanding Professionals!

📍 990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA





SAW BLADES



Technical Specifications

ID	KWS-BLD-SCORING-BLADE
Diameter	120mm
Bore	20mm
Teeth	24
Grade	K5
Suitable for	Laminated panels, MDF, veneered panels, chipboard, etc.

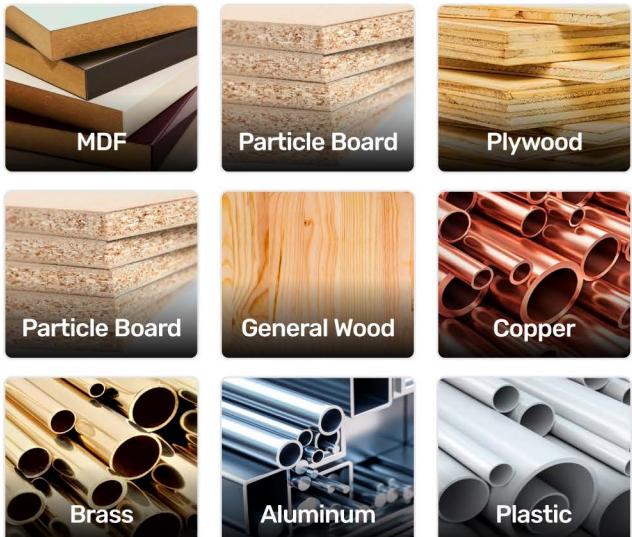


For more information about this product, additional options, and related references, visit our website!

120mm Scoring Saw Blade

Achieve clean, chip-free cuts on laminated panels with the KWS Tools 120mm Scoring Saw Blade. Designed with 24 sharp teeth and a 20mm bore, this blade ensures precision and smooth scoring for professional-grade results. Ideal for track saws and panel processing, the K5 grade blade delivers durability and superior performance.

Ideal for Cutting



Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA





Technical Specifications

ID	KWS-BLD-SAW-BLADE-250D80T30B
Diameter	10" (250mm)
Bore	30mm
Teeth	80
Grade	K5+
Suitable for	Solid wood, MDF, plywood, laminated panels, particle board, etc.

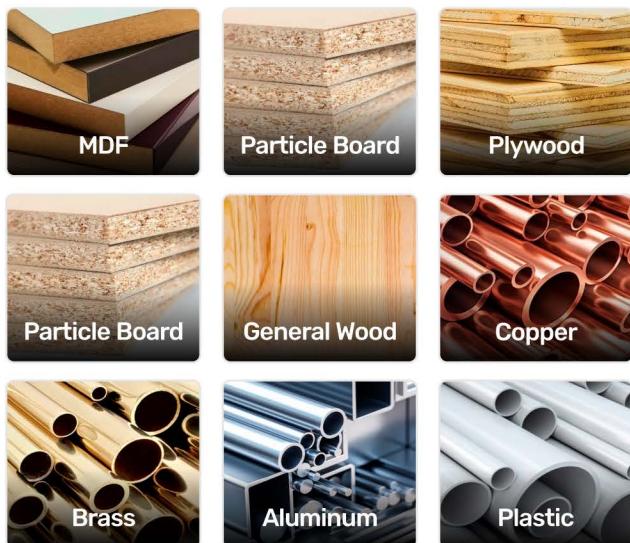


For more information about this product, additional options, and related references, visit our website!

10" Circular Saw Blade

Meet the Black-line Series – the professional's choice for precision woodworking. This 10-inch TCT saw blade features 80 triple-chip grind teeth and a K5+ carbide grade, delivering exceptionally clean cuts in wood and panels. Engineered with German technology and a 30mm bore, it combines a thin 3.2mm kerf for efficiency with maximum durability. Ideal for table saws and sliding miter saws. ISO 9001 certified and trusted in 68 countries.

Ideal for Cutting



Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA





Technical Specifications

ID	KWS-BLD-MAIN-BLADE
Diameter	12" (300mm)
Bore	30mm
Teeth	96
Grade	K5+
Suitable for	Solid wood, MDF, plywood, laminated panels, particle board, etc.

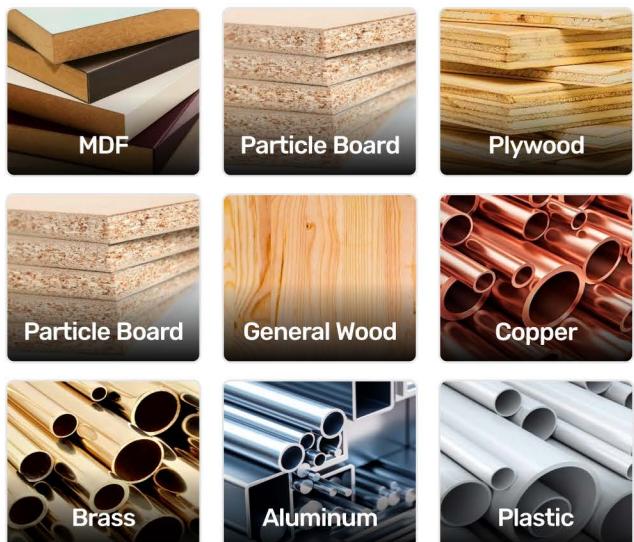


For more information about this product, additional options, and related references, visit our website!

12" Universal Saw Blade

Get clean, precise cuts in wood and panel materials with the KWS Tools 12-inch circular saw blade. Featuring 96 carbide teeth and a 30mm bore, this professional-grade blade is engineered for exceptional durability and a smooth finish. Upgrade your tool's performance—add this high-quality blade to your workshop today.

Ideal for Cutting



Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA





Technical Specifications

ID	KWS-BLD-SAW-BLADE-350D28T30B
Diameter	14" Saw Blade
Bore	30mm
Teeth	28
Grade	K5+
Suitable for	Solid wood, softwood, hardwood, and rough cutting applications.

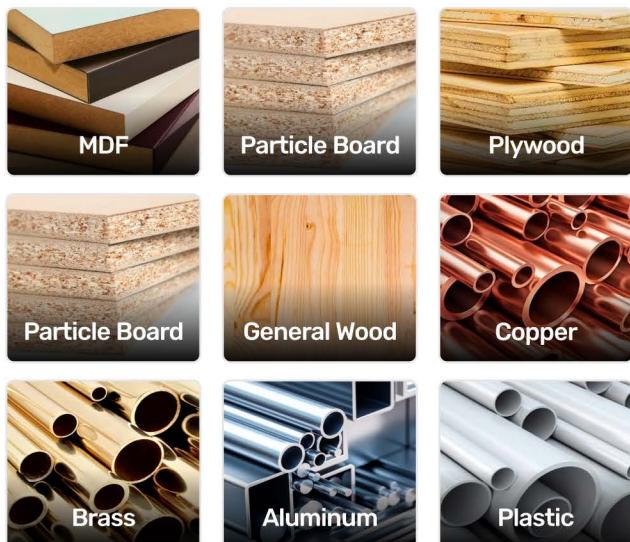


For more information about this product, additional options, and related references, visit our website!

14" Circular Saw Blade

Engineered for speed and efficiency, the KWS Tools 14-inch circular saw blade is built specifically for ripping wood. With 28 robust teeth and a 30mm bore, it powers through lumber with ease, reducing strain on your saw. Get the clean, aggressive cuts you need for your woodworking projects. Trust the K5+ grade for professional results.

Ideal for Cutting



Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA





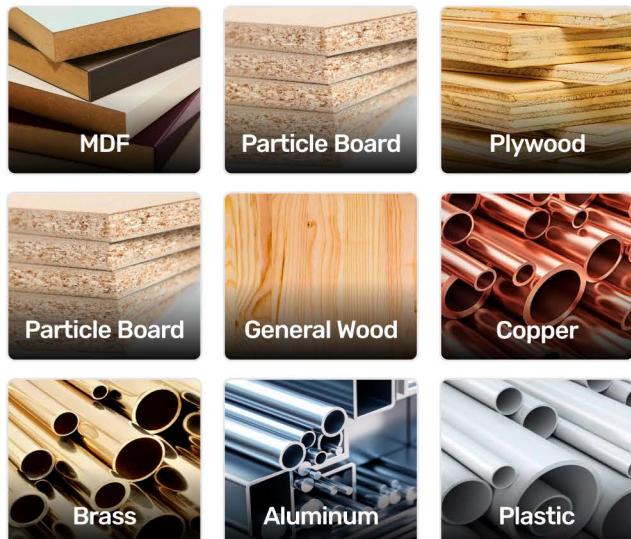
HINGE BITS



35mm Hinge Drill Bit for European Hinges

The KWS K5+ Series Hinge Drill Bit delivers professional precision for installing European-style hinges. With a 35mm diameter, 70mm cutting height, and 10mm shank, this carbide-tipped bit creates clean, accurate boreholes for cabinet hinges in seconds. The specialized radius base design ensures perfect fit and prevents tear-out. Engineered with German technology and built to last, this hinge bit is ideal for carpenters, cabinet makers, and woodworking professionals seeking efficiency and flawless results.

Ideal for Cutting



Technical Specifications

ID	KWS-BIT-203351
Cutting Diameter	35 mm
Total Length	70 mm
Shank Diameter	10 mm
Rotation	Right (clockwise rotation)
Ideal for	MDF / Particle Board
Material	High-strength steel with anti-wear treatment

Compatible Equipment



For more information about this product, additional options, and related references, visit our website!



✉ kwsamerica.com
✉ sales@kwsamerica.com
✉ [@kwsamerica](https://www.instagram.com/kwsamerica)

Premium Tools for Demanding Professionals!

📍 990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA





Technical Specifications

ID	KWS-BIT-301008
Cutting Diameter	8 mm
Total Length	27 mm
Shank Diameter	10 mm
Rotation	Right (clockwise rotation)
Ideal for	Precision hinge installation, cabinet hardware, woodworking projects
Material	High-strength steel with anti-wear treatment



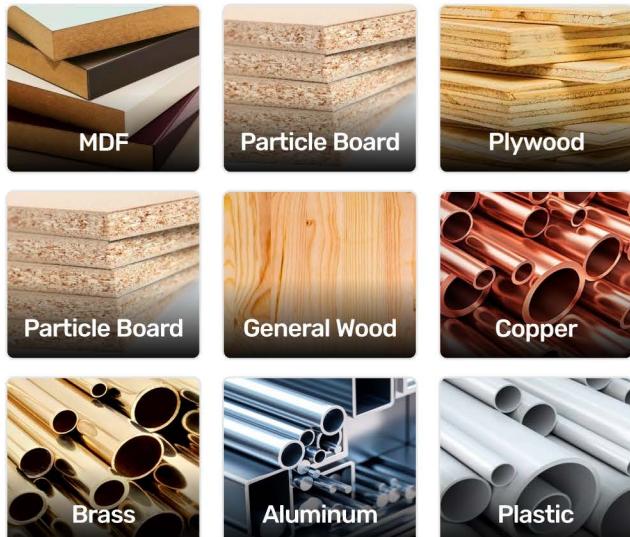
For more information about this product, additional options, and related references, visit our website!

8mm Hinge Drill Bit for Precision Boring

The KWS Hinge Drill Bit (Model KWS-BIT-301008) delivers exceptional precision for specialized hinge installation and woodworking applications.

Featuring an 8mm diameter, 27mm cutting height, and robust 10mm shank, this professional-grade bit creates clean, accurate boreholes for various hardware installations. The right-hand rotation design ensures stable performance in drill presses and handheld tools alike.

Ideal for Cutting



Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA



KWS

CNC BITS

2-1/2" CNC Router Bit 3 Flutes



Professional-grade CNC router bit designed for high-performance machining in woodworking, cabinetry, and composite materials. Featuring a 2-1/2" (63.5mm) diameter and 53/64" (21mm) cutting length with a robust 12mm shank, this 3-flute carbide bit delivers exceptional material removal rates and superior finish quality. The optimized geometry ensures smooth operation at high RPMs, making it ideal for CNC routers in industrial applications.

Ideal for Cutting



Technical Specifications

ID:	KWS-BIT-RC-2255-M
Cutting Diameter:	2-1/2" (63.5mm)
Cutting Height:	21mm
Shank Diameter:	12mm
Overall Length:	66mm
Flutes:	3 Tungsten Carbide Inserts
Applications:	Spoilboard surfacing, planing, slab leveling, fly cutting
Material:	Heavy-duty steel body with carbide inserts



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

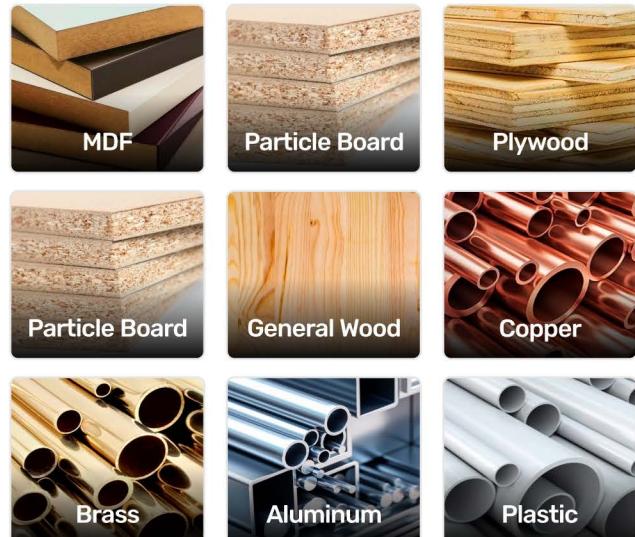




1/2" Inch Ball Nose Router Bit for 2D & 3D Carving

Ball Nose CNC Router Bit is engineered for precision 2D and 3D carving applications. With a 0.10° straight angle ball tip and a 2-1/4" cutting length, this solid carbide bit delivers smooth contours and intricate details in wood, plastics, and composite materials. The triple-flute design ensures efficient chip evacuation and extended tool life, making it ideal for sign making, mold making, and decorative carving.

Ideal for Cutting



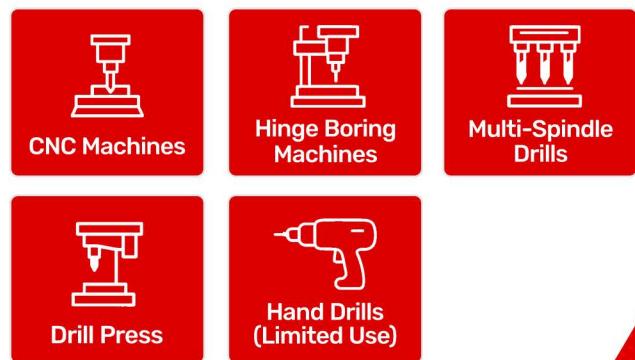
Technical Specifications

ID:	KWS-BIT-46495
Cutting Diameter:	1/2" (12.7mm)
Cutting Length:	2-1/4" (57.2mm)
Shank Diameter:	1/2" (12.7mm)
Overall Length:	4" (101.6mm)
Flutes:	3T (Triple-flute)
Tip Angle:	0.10° Straight Angle Ball Tip
Material:	Solid Carbide with Titanium Coating
Applications:	2D/3D carving, sign making, mold making, decorative work



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

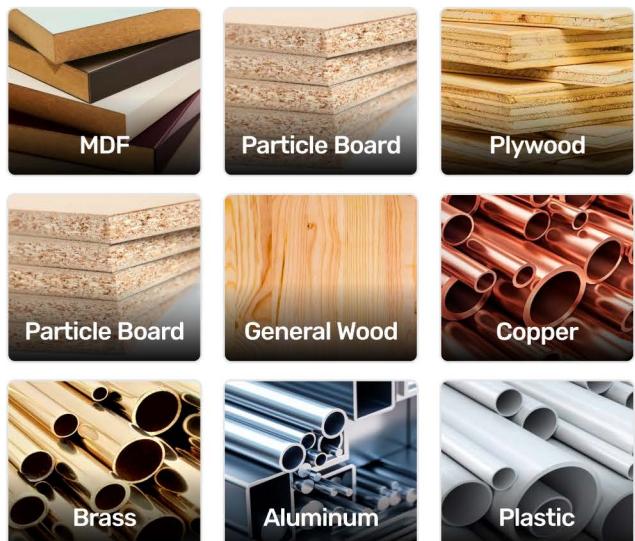


1/2" Solid Carbide Mortise Compression Spiral Router Bit



Mortise Compression Spiral Router Bit delivers professional-grade performance for CNC mortising and joinery applications. Featuring a specialized compression spiral design that combines up-cut and down-cut action in a single bit, this tool eliminates tear-out on both the top and bottom surfaces of materials. With a 1/2" diameter and 1-1/4" cutting length, this solid carbide bit ensures clean, precise cuts in plywood, laminated panels, and composite materials - making it ideal for furniture making, cabinet construction, and precision woodworking.

Ideal for Cutting



Technical Specifications

ID:	KWS-BIT-46354
Cutting Diameter:	1/2" (12.7mm)
Cutting Length:	1-1/4" (31.75mm)
Shank Diameter:	1/2" (12.7mm)
Overall Length:	3" (76.2mm)
Flutes:	2T Compression Spiral
Material:	Solid Carbide with Anti-Friction Coating



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



 kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

 990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

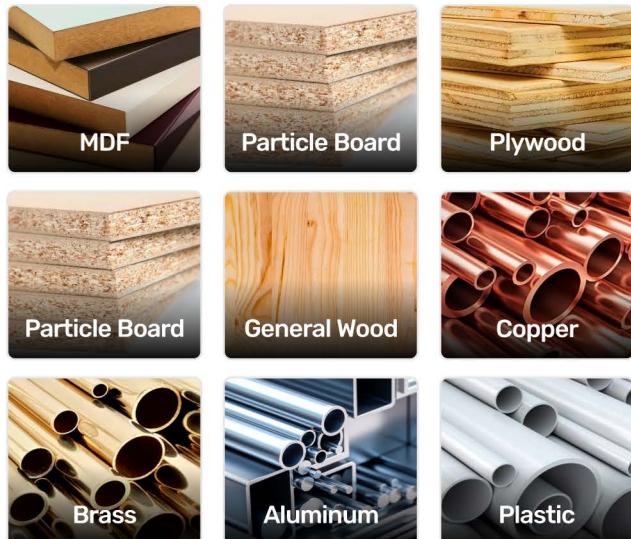


1/2" Solid Carbide Spiral Plunge Router Bit



The KWS K5+ Series Hinge Drill Bit delivers professional precision for installing European-style hinges. With a 35mm diameter, 70mm cutting height, and 10mm shank, this carbide-tipped bit creates clean, accurate boreholes for cabinet hinges in seconds. The specialized radius base design ensures perfect fit and prevents tear-out. Engineered with German technology and built to last, this hinge bit is ideal for carpenters, cabinet makers, and woodworking professionals seeking efficiency and flawless results.

Ideal for Cutting



Technical Specifications

ID:	KWS-BIT-46206-K
Cutting Diameter:	1/2" (12.7mm)
Cutting Length:	1-1/4" (31.75mm)
Shank Diameter:	1/2" (12.7mm)
Overall Length:	3" (76.2mm)
Flutes:	2T Down Cut Spiral
Rotation:	Right (Clockwise)
Material:	Solid Carbide with Anti-Friction Coating
Applications:	CNC routing, laminated materials, veneers, plywood, composite panels



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

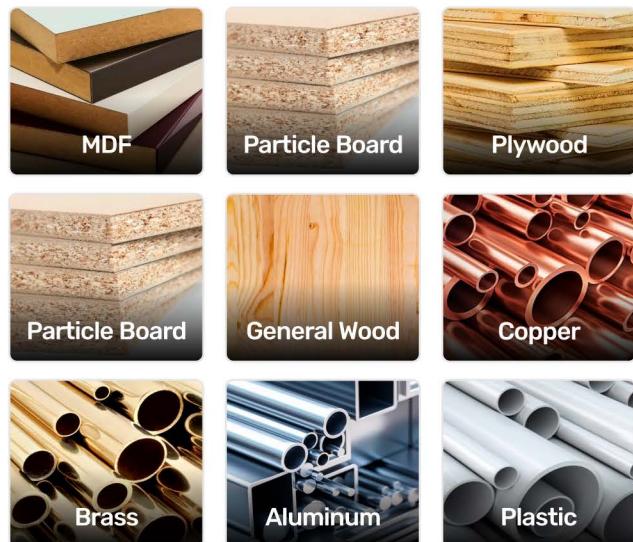


1/4" Extra Long Ball Nose CNC Router Bit



Extra Long Ball Nose CNC Router Bit is engineered for precision 2D and 3D carving applications requiring extended reach. Featuring a 1/4" ball tip with 1/2" cutting length and solid carbide construction, this triple-flute bit delivers smooth, detailed contours in wood, plastics, and composite materials. The titanium coating reduces friction and extends tool life, making it ideal for deep cavity molds, intricate signage, and complex decorative carvings where precision and durability are essential.

Ideal for Cutting



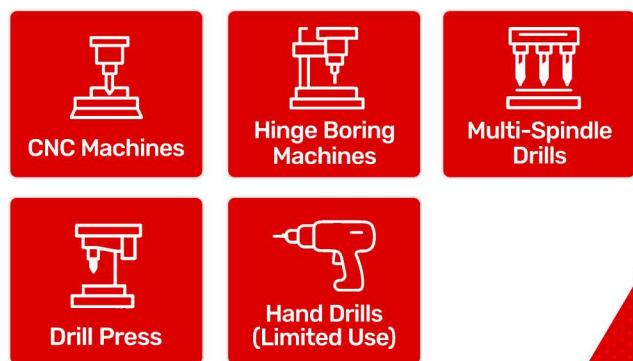
Technical Specifications

ID:	KWS-BIT-46490
Cutting Diameter:	1/4" (6.35mm)
Cutting Length:	1/2" (12.7mm)
Shank Diameter:	1/4" (6.35mm)
Overall Length:	4" (101.6mm)
Flutes:	3T (Triple-flute)
Material:	Solid Carbide with Titanium Coating
Applications:	Deep 3D carving, mold making, intricate signage, decorative engraving



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

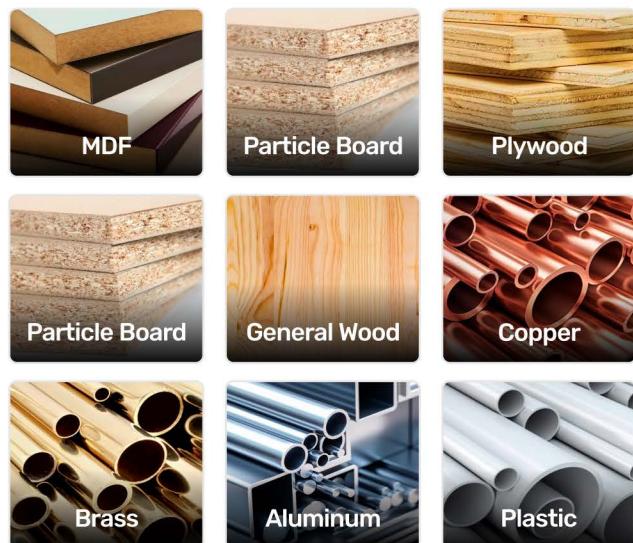




1/4" Solid Carbide Compression Spiral Router Bit

Solid Carbide Compression Spiral Router Bit delivers professional performance for CNC applications requiring pristine edges on both sides of the material. Featuring a specialized compression spiral design that combines up-cut and down-cut action, this 1/4" diameter bit eliminates tear-out on both the top and bottom surfaces of laminated panels, plywood, and composite materials. With a 1" cutting length and solid carbide construction, it's ideal for precision cabinet making, sign production, and fine woodworking where flawless edges are essential.

Ideal for Cutting



Technical Specifications

ID:	KWS-BIT-46037
Cutting Diameter:	1/4" (6.35mm)
Cutting Length:	1" (25.4mm)
Shank Diameter:	1/4" (6.35mm)
Overall Length:	2-1/2" (63.5mm)
Flutes:	2T Compression Spiral
Material:	Solid Carbide with Wear-Resistant Coating
Applications:	Cabinet making, sign production, laminated panels, plywood
Ideal for:	CNC routing requiring clean edges on both surfaces



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

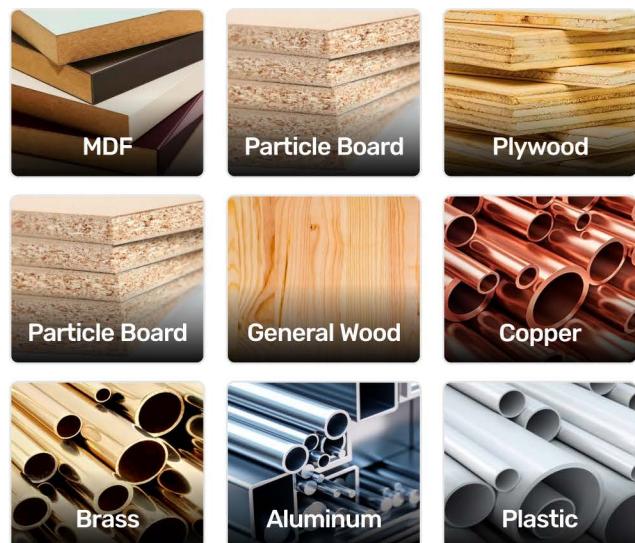




1/4" Solid Carbide Spiral Plunge Router Bit

Solid Carbide Spiral Plunge Router Bit provides precision performance for detailed CNC routing applications. Featuring a 1/4" diameter and 1" cutting length with down-cut spiral design, this bit delivers clean, splinter-free edges on the top surface of laminated materials, veneers, and delicate wood composites. The solid carbide construction with specialized coating ensures extended tool life and optimal performance in intricate routing tasks, making it ideal for fine woodworking, inlay work, and detailed pattern cutting.

Ideal for Cutting



Technical Specifications

ID:	KWS-BIT-46202-K
Cutting Diameter:	1/4" (6.35mm)
Cutting Length:	1" (25.4mm)
Shank Diameter:	1/4" (6.35mm)
Overall Length:	2-1/2" (63.5mm)
Flutes:	2T Down Cut Spiral
Rotation:	Right (Clockwise)
Material:	Solid Carbide with Anti-Friction Coating
Applications:	Detailed CNC routing, inlay work, pattern cutting, delicate materials
Ideal for:	Fine woodworking, musical instrument making, decorative elements



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



 kwsamerica.com
 sales@kwsamerica.com
 [@kwsamerica](https://www.instagram.com/kwsamerica)

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

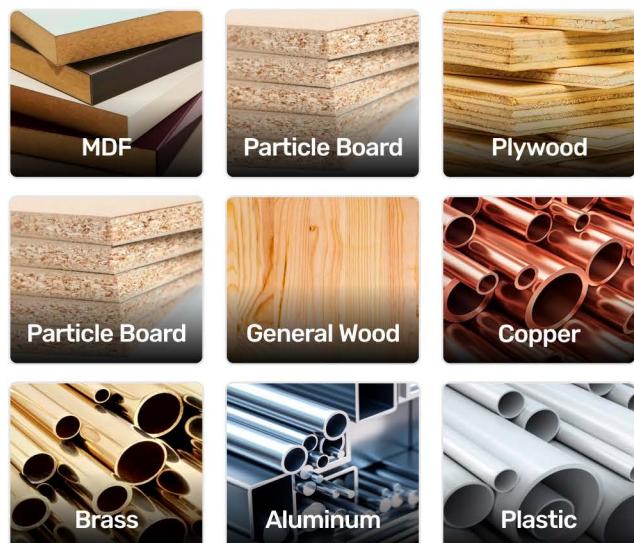


3/8" Solid Carbide Spiral Plunge Router Bit



Solid Carbide Spiral Plunge Router Bit delivers exceptional performance for CNC routing applications requiring clean top-surface finishes. This 2-flute down-cut bit features a 3/8" diameter and 1-1/4" cutting length, specifically designed to push chips downward while producing splinter-free edges on laminated materials, plywood, and composite panels. The solid carbide construction with anti-friction coating ensures long tool life and consistent performance in demanding production environments.

Ideal for Cutting



Technical Specifications

ID:	KWS-BIT-46420-K
Cutting Diameter:	3/8" (9.5mm)
Cutting Length:	1-1/4" (31.75mm)
Shank Diameter:	3/8" (9.5mm)
Overall Length:	3" (76.2mm)
Flutes:	2T Down Cut
Material:	Solid Carbide with Anti-Friction Coating
Applications:	CNC routing, laminated materials, plywood, composite panels
Ideal for:	Cabinetry, sign making, precision woodworking



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

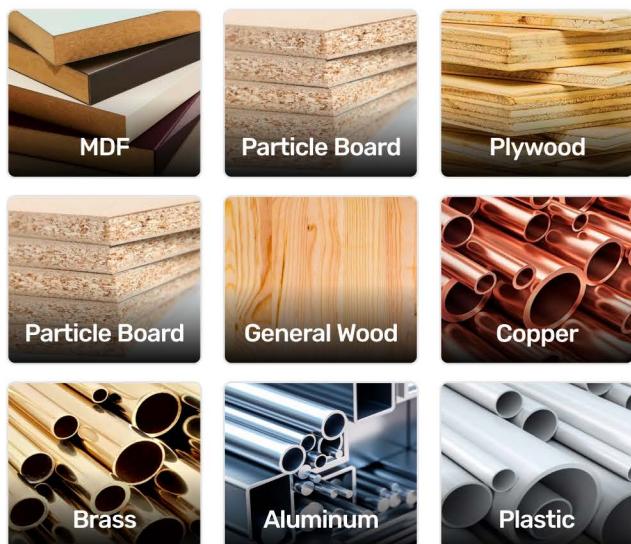


3/8 Inch Ball Nose CNC Router Bit for 2D & 3D Carving



Ball Nose CNC Router Bit delivers precision performance for detailed 2D and 3D carving applications. Featuring a 3/8" ball tip and 3/4" cutting length, this solid carbide bit creates smooth contours and intricate details in wood, plastics, and composite materials. The triple-flute design with titanium coating ensures efficient chip removal, extended tool life, and superior finish quality - perfect for mold making, sign making, and decorative work.

Ideal for Cutting



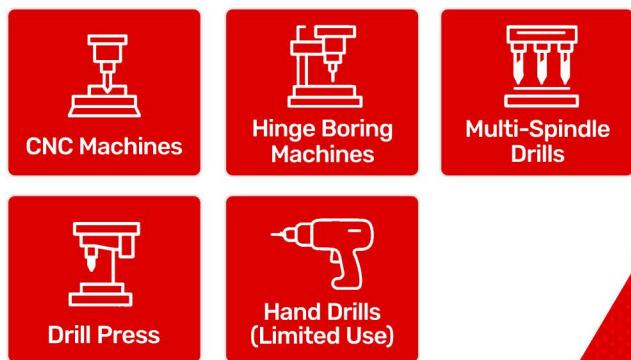
Technical Specifications

ID:	KWS-BIT-46491
Cutting Diameter:	3/8" (9.5mm)
Cutting Length:	3/4" (19mm)
Shank Diameter:	3/8" (9.5mm)
Overall Length:	4" (101.6mm)
Flutes:	3T (Triple-flute)
Material:	Solid Carbide with Titanium Coating
Applications:	2D/3D carving, mold making, sign making, decorative engraving



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA

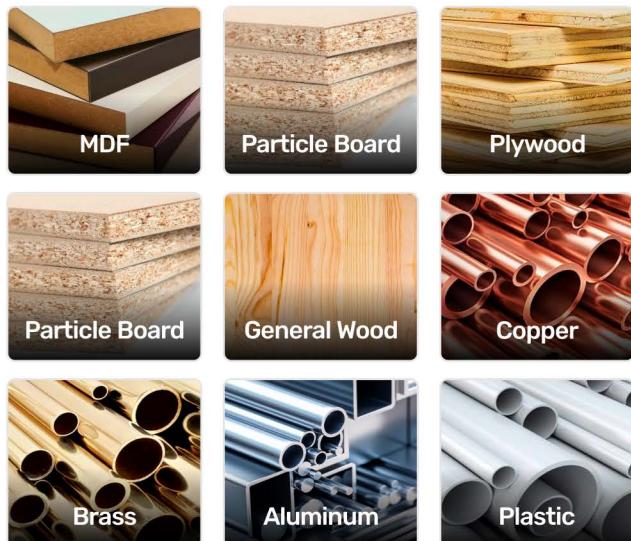


3/8" Compression Spiral Router Bit



Solid Carbide Compression Spiral Router Bit delivers professional-grade performance for CNC woodworking applications. Featuring a unique compression spiral design that combines up-cut and down-cut action, this bit eliminates tear-out on both sides of the material, producing clean edges in plywood, laminated panels, and composite materials. The triple-flute design and solid carbide construction ensure maximum durability and precision cuts through the entire 1-1/8" cutting length.

Ideal for Cutting



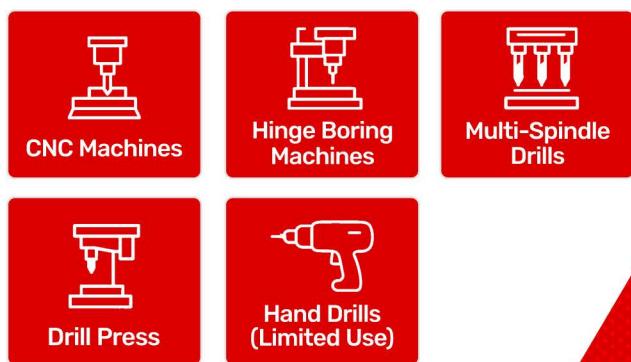
Technical Specifications

ID:	KWS-BIT-46709-K
Cutting Diameter:	3/8" (9.5mm)
Cutting Length:	1-1/8" (28.6mm)
Shank Diameter:	3/8" (9.5mm)
Overall Length:	3" (76.2mm)
Flutes:	3T (Triple-flute)
Coating:	Anti-friction coating
Material:	Solid carbide
Applications:	CNC routing, plywood, laminated panels, composite materials



For more information about this product, additional options, and related references, visit our website!

Compatible Equipment



kwsamerica.com
 sales@kwsamerica.com
 @kwsamerica

Premium Tools for Demanding Professionals!

990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA





 kwsamerica.com
 sales@kwsamerica.com
 [@kwsamerica](https://www.instagram.com/kwsamerica)

 **990 S Rogers Circle,
Suite 11 Boca Raton,
FL 33487, USA**



Premium Tools for Demanding Professionals!