GOLDEN EAGLE ®



DRILL BITS

TÜV CERT ISO 9001:2000

TAIWAN TECH

Drill Bits

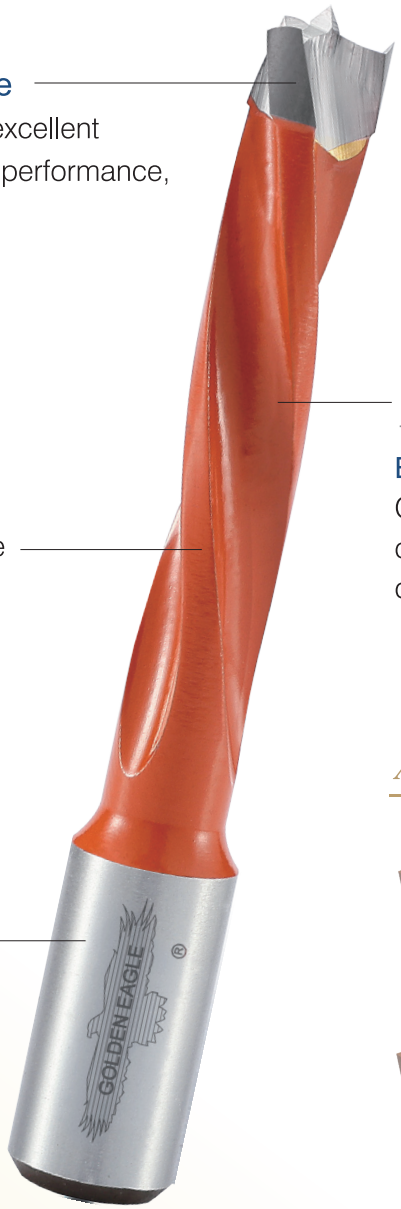
Precision machining and accurate grinding ensure clean hole quality and consistent drilling performance, while our comprehensive range of drill bits and boring tools is designed to meet the requirements of various machines and diverse machining applications.

Feature1

Premium Tungsten Carbide

High-quality carbide provides excellent wear resistance, stable cutting performance, and longer tool life.





Feature2

Durable Tool Steel Body

Selected tool steel supports stable operation and reliable strength.

Feature3

Efficient Chip Evacuation

Optimized flute designs support smoother chip evacuation and reduce heat buildup during drilling.

Feature4

Compatible Shank Options

Available in common shank sizes to fit a wide range of CNC machines and power tools.

Application



Blind Hole

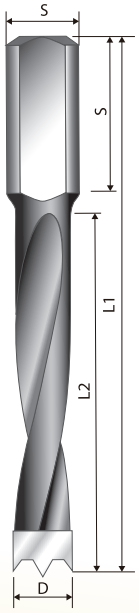


Through Hole



Counterbore hole

Specification:




Wood-based panels


Coated wood-based panels


Solid wood


Blind Hole

Application:

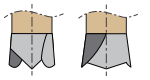
For precision dowel drilling in furniture and cabinet manufacturing, producing clean blind holes with excellent edge quality.

Materials:

Suitable for hardwood, softwood, MDF, particleboard, plywood, laminated panels, and plastic-faced wood materials.

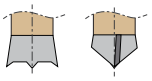
Brad Point Dowel Drill

Standard Brad Point Design


Geometry of the tip

Premium Brad Point Dowel Drill 4 Flutes

Premium tungsten carbide tips and 2+2 flutes for better chip evacuation and longer tool life.

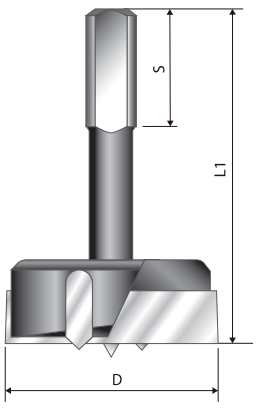

Negative spur

D	L1	L2	S	Z	Rot
5	70	50	10×20	2	L/R
6	70	50	10×20	2	L/R
7	70	50	10×20	2	L/R
8	70	50	10×20	2	L/R
9	70	50	10×20	2	L/R
10	70	50	10×20	2	L/R
11	70	50	10×20	2	L/R
12	70	50	10×20	2	L/R

Solid Carbide Brad Point Dowel Drill

Solid carbide provides reliable performance and excellent tool life in challenging materials. Solid Carbide

D	L1	L2	S	Z	Rot
3	70	40	10x30	2	L/R
4	70	40	10x30	2	L/R
5	70	40	10x30	2	L/R
6	70	40	10x30	2	L/R




Wood-based panels


Coated wood-based panels


Solid wood


Blind Hole

Application

For hinge-hole drilling in furniture production, delivering clean, splinter-free results with high-quality tungsten carbide, precision machining, and large gullets for efficient chip clearance.

Materials

Suitable for hardwood, softwood, MDF, particleboard, plywood, laminated panels, and plastic-faced wood materials.materials.

Hinge Boring Drill with Ground Spurs

D	L1	S	Z	Rot
20	70	10×40	2+2	L/R
22	70	10×40	2+2	L/R
25	70	10×40	2+2	L/R
26	70	10×40	2+2	L/R
28	70	10×40	2+2	L/R
30	70	10×40	2+2	L/R
32	70	10×40	2+2	L/R
35	70	10×40	2+2	L/R

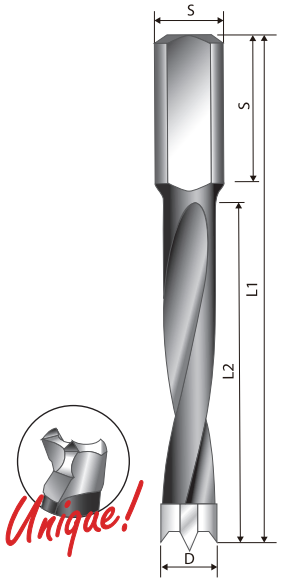
Carbide Head Hinge Boring Drill

Carbide boring head delivers high wear resistance and strong impact strength.

D	L1	S	Z	Rot
15	70	10×30	2	L/R
20	70	10×30	2	L/R
25	70	10×30	2	L/R
30	70	10×30	2	L/R
35	70	10×30	2	L/R



※ For more specifications, please refer to the website.




Wood-based panels


Coated wood-based panels


Solid wood


Blind Hole

Application

For deep-hole dowel drilling in furniture and cabinet manufacturing, the 3-flute design improves chip evacuation, wear resistance, and cutting-edge impact strength while maintaining clean blind-hole quality.

Materials

Suitable for hardwood, softwood, MDF, particleboard, plywood, laminated panels, and plastic-faced wood materials.materials.

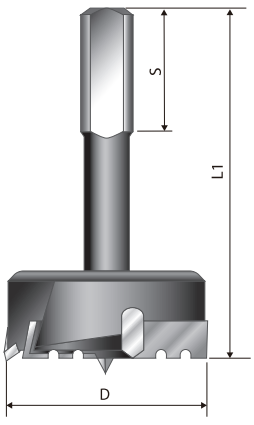
Brad Point 3-Flute Drill

D	L1	L2	S	Z	Rot
6	70	35	10×20	3	L/R
8	70	35	10×20	3	L/R
10	70	35	10×20	3	L/R
12	70	35	10×20	3	L/R

Solid Carbide Brad Point 3-Flute Drill

Solid carbide provides reliable performance and longer tool life in challenging materials.

D	L1	L2	S	Z	Rot
3	70	40	10×30	3	L/R
4	70	40	10×30	3	L/R
5	70	40	10×30	3	L/R
6	70	40	10×30	3	L/R
7	70	40	10×30	3	L/R
8	70	40	10×30	3	L/R
9	70	40	10×30	3	L/R
10	70	40	10×30	3	L/R




Wood-based panels


Coated wood-based panels


Solid wood


Blind Hole

Application

For deep hinge-hole drilling in furniture production, the 3-flute design improves chip evacuation, wear resistance, and cutting-edge impact strength, producing smooth hole with reduced burning.

Materials

Suitable for hardwood, softwood, MDF, particleboard, plywood, laminated panels, and plastic-faced wood materials.

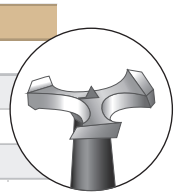
3-Flute Hinge Boring Drill with Chipbreaker

D	L1	S	Z	Rot
20	70	10×40	3+3	L/R
25	70	10×40	3+3	L/R
30	70	10×40	3+3	L/R
35	70	10×40	3+3	L/R
37	70	10×40	3+3	L/R

Carbide Head 3-Flute Hinge Boring Drill

Carbide boring head delivers high wear resistance and strong impact strength.

D	L1	S	Z	Rot
20	70	10×30	3	L/R
25	70	10×30	3	L/R
35	70	10×30	3	L/R
37	70	10×30	3	L/R



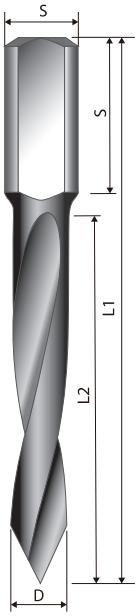
Spiral 3-Flute Hinge Boring Drill with Chipbreaker

Unique 3-Flute spiral carbide tipped for reliable performance and longer tool life.

D	L1	S	Z	Rot
35	70	10×30	3	R



Specification:




Wood-based panels


Coated wood-based panels


Solid wood


Through Hole

Application

For clean through-hole drilling in furniture production, delivering a smooth exit side with reduced tear-out.

Materials

Suitable for hardwood, softwood, MDF, particleboard, plywood, laminated panels, and plastic-faced wood materials.

Through Hole Drill

Standard V-Point Design

PremiumThrough Hole Drill

Premium tungsten carbide tips and 2+2 flutes for better chip evacuation and longer tool life.

4 Flutes

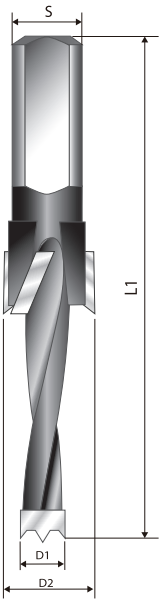
D	L1	L2	S	Z	Rot
5	70	50	10×20	2	L/R
6	70	50	10×20	2	L/R
7	70	50	10×20	2	L/R
8	70	50	10×20	2	L/R
9	70	50	10×20	2	L/R
10	70	50	10×20	2	L/R
11	70	50	10×20	2	L/R
12	70	50	10×20	2	L/R

Solid Carbide Through Hole Drill

Solid carbide provides reliable performance and excellent tool life in challenging materials.

Solid Carbide

D	L1	L2	S	Z	Rot
3	70	40	10×30	2	L/R
4	70	40	10×30	2	L/R
5	70	40	10×30	2	L/R
6	70	40	10×30	2	L/R




Wood-based panels


Coated wood-based panels


Solid wood


Counterbore hole

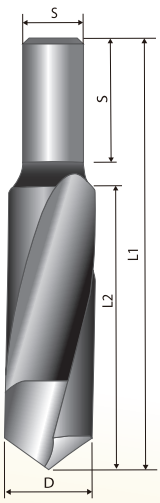
Application

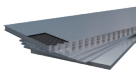
Creates precise stepped blind holes in a single drilling process, supporting clean hole walls, and stable fitting for furniture hardware and assembly applications.

Counterbore Drill

D	L1	D2	S	Z	Rot
8x30	70	12x15	10	2+4	L/R
8x32	70	12x15	10	2+4	L/R

※ For more specifications, please refer to the website.





Aluiminium panels



Through Hole

Application

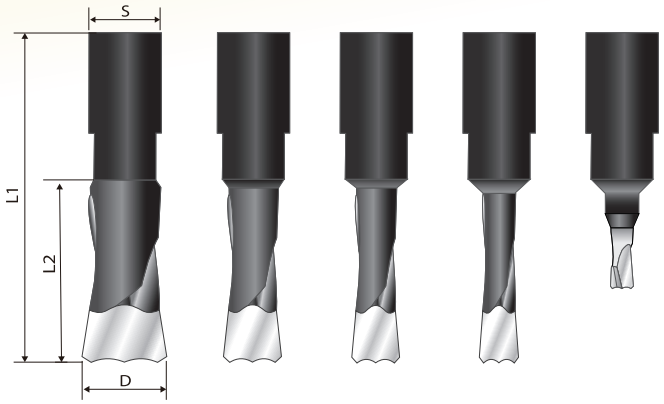
For clean through-hole drilling in aluminum materials, delivering smooth entry and exit quality with stable cutting performance.

Materials

Aluminium Panel, Aluminum Composite Panel (ACM), Honeycomb Aluminium Panel

Aluminium Drill

D	L1	L2	S	Z	Rot
3	70	50	10×20	2	L/R
4	70	50	10×20	2	L/R
5	70	50	10×20	2	L/R
6	70	50	10×20	2	L/R
7	70	50	10×20	2	L/R
8	70	50	10×20	2	L/R
9	70	50	10×20	2	L/R
10	70	50	10×20	2	L/R
11	70	50	10×20	2	L/R
12	70	50	10×20	2	L/R
13	70	50	10×20	2	L/R
14	70	50	10×20	2	L/R
15	70	50	10×20	2	L/R
35	70	-	10×20	2	L/R
37	70	-	10×20	2	L/R





Blind Hole

Power Tool Drill Cutter

Compatiable with Festool

D	L1	L2	S	Z	Rot
4	38	25	10×13	2	L/R
5	48.85	26.85	10×22	2	L/R
6	48.85	26.85	10×22	2	L/R
8	48.85	23.85	10×25	2	L/R
10	48.85	23.85	10×25	2	L/R

Application

Clean, accurate mortises start with durable carbide-tipped cutters, delivering consistent sizing, precise joint placement, and seamless compatibility with FESTOOL systems.

DINGCHANG-TOOL INDUSTRIAL CO., LTD.

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