TWIST DRILL
(DIN338,DIN340,DIN1897,DIN345,ANSI B94.11M)

Jidoka

HSS TWIST DRILLS

Jidoka

DIN338 Drill

Fully Ground	Fully Ground & Black Finished	Fully Ground & Tin-Coated	M35 Amber Finished
Rolled & Polished	Rolled	Rolled & While Edged	Rolled & Tin-Coated

Size: ø1.0~ ø20.0 / 3/64"~3/4"
Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground, Rolled
Point Angle: 118°/135°

DIN340 Drill

Fully Ground	Fully Ground & Black Finished	Roll Forged	Fully Ground & Black Finished

Size: ø1.0~ ø20.0 / 3/64"~3/4"
Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground, Rolled
Point Angle: 118°/135°

01

Jidoka

DIN1897 Drill

Size:ø1.0~ ø20.0 / 3/64"~3/4"
Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground, Rolled
Point Angle: 118°/135°

Aircraft Drill

Size: 1/16"~1/2"
Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground, Rolled
Point Angle: 118°/135°

HSS TWIST DRILLS

Jidoka

1/2-inch Shank Drill

Size: ø13.0~ ø30.0
Material: 4241, 4341, 9341, M2, M35, M42
Process: Milled, Rolled
Point Angle: 118°/135°

DIN345 Drill

Milled & Black Finished

Milled & Polished

Rolled & White Edged

Rolled & White Finished

Size: ø5.0~ø100.0
Material: 4241, 4341, 9341, M2, M35, M42

Process: Milled, Rolled
Point Angle: 118°/135°

HSS TWIST DRILLS

Twin End Drill

Size: ø2.0~ ø10.0
Material: 4241, 4341, 9341, M2, M35, M42
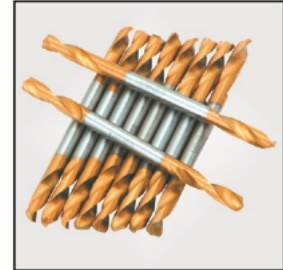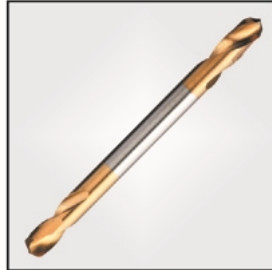
Process: Fully Ground
Point Angle: 118°/135°

Hex Shank Drill

Standard: DIN338 or Customized
Size: ø1.0~ ø13.0 / 3/64"~1/2"
Material: 4241, 4341, 9341, M2, M35, M42
Process: Fully Ground, Rolled
Point Angle: 118°/135°

Feature: We use patented way made with higher concentricity, radial runout within 0.01mm in working, better drilling than punched hex shank drill bits.

Jidoka

Straight Flute Step Drill

Size: 4.0~45.0mm, x6~x15 steps, 6.0/8.0/10.0/13.0mm shank
Shank: Round, Hex, Triangle
Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground
Point Angle: 118°/135°

This item is produced by customers' specifications, if without we will proudce as per our company specification.

Spiral Flute Step Drill

Size: 4.0~45.0mm, x6~x15 steps, 6.0/8.0/10.0/13.0mm shank
Shank: Round, Hex, Triangle
Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground
Point Angle: 118°/135°

This item is produced by customers' specifications, if without we will proudce as per our company specification.

Jidoka

Tube Drill

Size: 4.0~45.0mm, 6.0/8.0/10.0/13.0mm shank
Shank: Round, Hex, Triangle   Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground
Point Angle: 118°/135°

This item is produced by customers' specifications, if without we will produce as per our company specification.

HSS Twist Step Drill

Size: Customized   Shank: Round, Hex, Triangle
Material: 4241, 4341, 9341, M2, M35, M42

Process: Fully Ground
Point Angle: 118°/135°

This item is produced by customers' specifications, if without we will produce as per our company specification.

STEP DRILL SET

YS302	YS303	YS304	YS305	YS401
YS306	YS301	YS402	YS701	YS1201

COUNTERSINK

Jidoka

Jidoka

Standard: DIN335 & DIN347
Size: 6.0~40.0mm

Material: 4241, 4341, 9341, M2, M35, M42
Point Angle: 60°/90°

Also we can produce by customers' or our company specifications.

Jidoka

HSS Router Bits

This item is produced by customers' specifications, if without we will produce as per our company specification.

Drywall Cutting Bits

Single Flute End Mill

This item is produced by customers' specifications, if without we will produce as per our company specification.

CUSTOMIZED

Jidoka

Wood Rotary Burrs

Standard: Customized
Size: Customized
Material: HSS & 45#
Also we accept development and manufacturing of customized tools by drawings.

Carbide Rotary Burrs
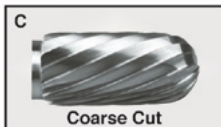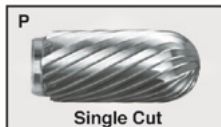
C	P	X	Q
Coarse Cut	Single Cut	Double Cut	Diamond Cut
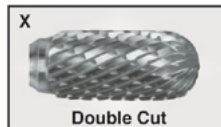
Jidoka
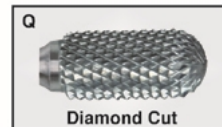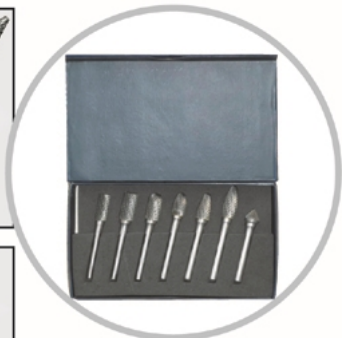
Center Drill

Standard: DIN333-A & DIN333-B
Size: ø1.0~ø10.0
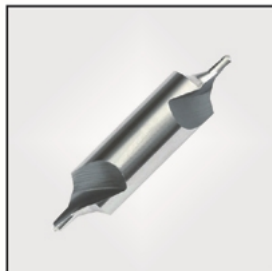
Material: 4241, 4341, 9341, M2, M35, M42
Process: Fully Ground, Milled

Tap & Die

Hand Tap

Standard: DIN352
Model: Taper+Plug+Bottoming

Material: G-Cr15, 4241, 4341, M2
Process: Extracted, Fully Ground

Jidoka

Machine Tap

Standard: DIN371, DIN376(Over M10.0) Material: 4341, M2, M35
Model: Staright Point, Spiral Point, Straight Flute, Spiral Flute Process: Fully Ground

Round Die

Standard: DIN223 Material: 4341, M2, M35
Model: Round Type, Adjustable Type Process: Fully Ground

Screw Extractor

Listed types for you to choose, also we supply customized types of package plus tools combinations.

Jidoka

Masonry Drill

Standard: DIN8039
Size: ø3.0~ ø25.0
Length: 150mm, 200mm, 400mm, 600mm

Material: 45# + YG8
Process: Rolled, Milled

Hammer Drill

Standard: DIN8035
Size: ø3.0~ ø30.0
Length: 110mm, 160mm, 210mm, 260mm, 310mm, 360mm, 400mm, 460mm, 600mm, 800mm, 1000mm
Shank: SDS, MAX, Spline
Material: 45# + YG8

Jidoka

Hammer Chisel

Length: 140mm, 200mm, 250mm, 280mm, 300mm, 350mm, 350mm, 400mm, 600mm
Shank: Hex, Round, Square Weldon, SDS, MAX
Material: 45#

Jidoka

Wall Hole Saw

Size: ø30.0~ ø160.0   Material: 45# Body + YG8 Tip   Cut Depth: 72mm, 150mm

14

GLASS CUTTER/AUGER BIT

Jidoka

Glass Cutter

Glass Drill
Size: ⌀4.0~ ⌀12.0
Material: YG8 Tip

Glass Hole Saw
Size: ⌀3.0~ ⌀100.0
Material: Diamond Grit

Auger Bit

Size: ⌀6.0~ ⌀40.0
Length: 105mm, 125mm, 155mm, 200mm, 230mm, 250mm, 300mm, 460mm, 500mm, 600mm, 700mm
Material: 45#

Jidoka

Brad Point Drill

Standard: DIN7487   Size: ø4.0~ ø13.0   Material: 45#

Flat Drill

Size: ø6.0~ ø40.0   Length: 150mm, 300mm
Shank: Round, Hex, Triangle   Material: 45#

Jidoka

Forstner Drill

Standard: DIN7483   Size: ø10.0~ ø40.0   Shank: From A, Form C   Material: 45#
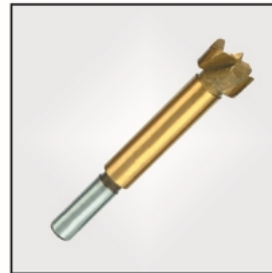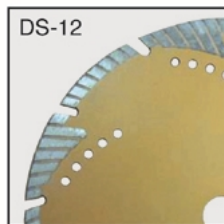
Hole Saw

Size: ø30.0~ ø120.0
Material: 45#

DIAMOND SAW BLADE

Jidoka

DS-1	DS-2	DS-3	DS-4	DS-5

DS-6	DS-7	DS-8	DS-9	DS-10

DS-11	DS-12	DS-13	DS-14	DS-15
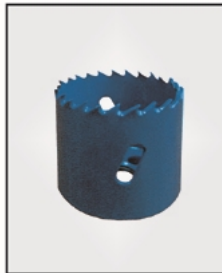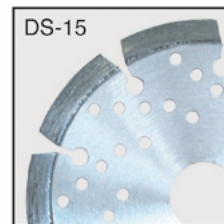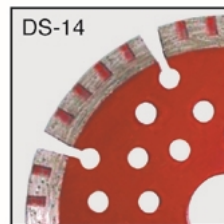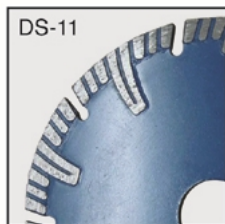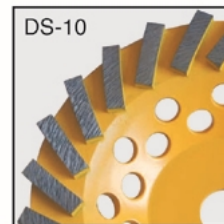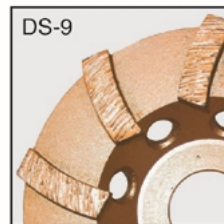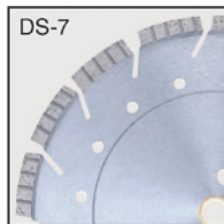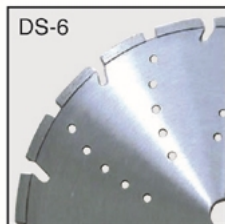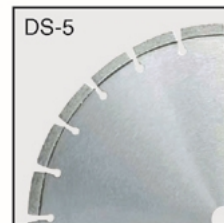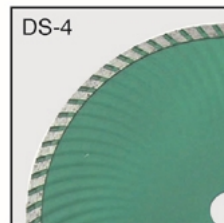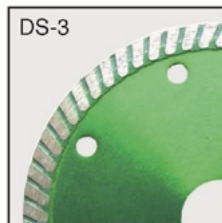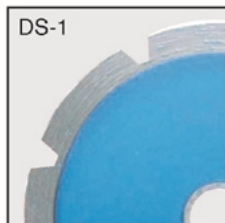
Size: ø105.0~ ø500.0
Material: 65Mn + Diamond Grit, 40Cr + Diamond Grit
We also accept producing other shapes of teeth as per customers' requests.

TCT SAW BLADE

Jidoka

TS-1	TS-2	TS-3	TS-4	TS-5
TS-6	TS-7	TS-8	TS-9	TS-10
TS-11	TS-12	TS-13	TS-14	TS-15

TS-9: D:300 B:3.2mm FOR CUTTING NO
TS-10: D:150 B:10.0mm GROOVING
TS-11: D:100 B:1.5m
TS-12: D:355 B:2.4mm FOR CUT
TS-13: D:30 B:3.2 FOR CUT
TS-14: D:250 B:3.0mm FOR CUTTI
TS-15: 80×0.8×20 HSS. DM05

Size: ø100.0~ ø500.0
Material: 65Mn + YG8, 40Cr + YG8
We also accept producing other shapes of teeth as per customers' requests.

Jidoka

Size: ø5.0~ ø350.0
Material: 65Mn + Diamond Grit
We also accept producing other shapes of teeth as per customers' requests.

TOOL SET

Jidoka

H401	W701	C40	BZ-1
BZ-2	BZ-3	H10-1	P12-1
P17-1	P17-2	P24-1	P13-1

Jidoka

W501

H1301

C1601

H2801

H801

C1602

W1801

H4501

H3101

H8501

H1001

H145

C2401	C3601	C61	C2402
H2901	H1901	H1902	H1903
H1701	H1904	H1001	H170

Jidoka

H115A	H115B	H1301	H1902
H2501	C48	C86	C301
C90	C228	C204	C300

TOOL SET

D1601

D1701

D350

D42

C36

C43

C28

C39

C32

C88

G01

G02