



## **INGSUN ENGINEERING SDN BHD**

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# METRIC CONVERSION TABLE



TECHNOLOGY IMPROVES THE QUALITY OF CORTOOL™

INCHAGE		METRIC
In	In	mm
1/64"	0.015625	0.396875
1/32"	0.3125	0.793750
3/64"	0.046875	1.190625
1/16"	0.0625	1.587500
5/64"	0.078125	1.984375
3/32"	0.09375	2.381250
7/64"	0.109375	2.778125
1/8"	0.125	3.175000
9/64"	0.140625	3.571875
5/32"	0.15625	3.967500
11/64"	0.171875	4.365625
3/16"	0.1875	4.762500
13/64"	0.203125	5.159375
7/32"	0.21875	5.556250
15/64"	0.234375	5.953125
1/4"	0.25	6.350000
17/64"	0.265625	6.746875
9/32"	0.28125	7.143750
19/64"	0.296875	7.540625
5/16"	0.3125	7.937500
21/64"	0.328125	8.334375
11/32"	0.34375	8.731250
23/64"	0.359375	9.128125
3/8"	0.375	9.525000
25/64"	0.390625	9.921875
13/32"	0.40625	10.318750
27/64"	0.421875	10.715625
7/16"	0.4375	11.112500
29/64"	0.453125	11.509375
15/32"	0.46875	11.906250
31/64"	0.484375	12.303125
1/2"	0.5	12.700000
33/64"	0.515625	13.096875
17/32"	0.53125	13.493750
35/64"	0.546875	13.890625
9/16"	0.5625	14.287500
37/64"	0.578125	14.684375
19/32"	0.59375	15.081250
39/64"	0.609375	15.478125
5/8"	0.625	15.875000
41/64"	0.640625	16.271875
21/32"	0.65625	16.668750
43/64"	0.671875	17.065625
11/16"	0.6875	17.462500
45/64"	0.703125	17.859375
23/32"	0.71875	18.256250
47/64"	0.734375	18.653125
3/4"	0.75	19.050000
49/64"	0.765625	19.446875
25/32"	0.78125	19.843750
51/64"	0.796875	20.240625
13/16"	0.8125	20.637500
53/64"	0.828125	21.034375
27/32"	0.84375	21.431250
55/64"	0.859375	21.828125
7/8"	0.875	22.225000
57/64"	0.890625	22.621875
29/32"	0.90625	23.018750
59/64"	0.921875	23.4125625
15/16"	0.9375	23.812500
61/64"	0.953125	24.209375
31/32"	0.96875	24.606250
63/64"	0.984375	25.003125
1"	1.000000	25.400000
1"	1.000000	25.400000

# Drill bits | METAL

## DIN338 Type N HSS straight shank twist drill

### DIN338 高速钢直柄麻花钻



- \* 118°/130°/135° point angle design for all types of metal, no walking and skating.
- \* Roll-forged / fully ground body for the most accurate hole dimensions and high concentricity.
- \* Black oxide finish / bright finish/titanium finish for greater resistance to wear.
- \* Hardened high speed steel body provides additional safeguard. For general using in steel, cast steel, malleable iron, sintered metal, non-ferrous metal and plastic.



DIN338 HSS fully ground drill bright finished



■ Fit in the hand drill, drill press machine.

## METAL | Drill bits

### HSS reduced shank drill

#### 缩柄磨制麻花钻



- \* Bright finished, 118 degree point, high speed steel drills.
- \* Used for general purpose extra deep drilling in metal and plastic.



■ Fit in the drill press machine.

# Drill bits | METAL

## DIN345 HSS metric taper shank twist drill, right hand DIN345 公制锥柄钻



- \* 118° point angle, with or w/o A point.
- \* Designed for drilling in many different materials and a wide range of applications.
- \* High performance HSS special drill bit with morse taper shank for high precision drilling of larger bore diameter.
- \* Black oxide or bright finish for increased wear resistance and improved lubricity, reducing chip welding and galling.
- \* For drilling steel, alloyed steel, all common working steel.



- Fit in the drill press machine and CNC machine.

# Hole saw | METAL

## TCT hole saw TCT合金孔锯

- \* For perfect drilling in steel, stainless steel, non-ferrous and light metals, plastics and wood.
- \* Carbide tipped cutting edges.
- \* Sturdy construction. Hole saw and arbor in one piece.
- \* Good chip removal.
- \* Longer product life, teeth stay sharp longer.
- \* Exchangeable centering pilot drill.
- \* Smooth cutting provides less vibration.
- \* Unsuitable for percussion-drill operation.



# METAL | Rotary burrs

**Rotary burrs type A - Cylindrical**  
旋转锉A型 - 圆柱形



**Rotary burrs type B - Cylindrical with end cutter**  
旋转锉B型 - 圆柱形端刃



**Rotary burrs type C - Cylindrical with Ball top**  
旋转锉C型 - 圆柱形球头



**Rotary burrs type E - Elliptic Cylindrical**  
旋转锉E型 - 椭圆形



**Rotary burrs type F - Arc Cylindrical with round head**  
旋转锉F型 - 弧形圆头



# METAL | Rotary burrs

**Rotary burrs type G - Arc pointd**  
旋转锉G型 - 弧形尖头



**Rotary burrs type H - Torch shape**  
旋转锉H型 - 火炬形



**Rotary burrs type L - Conical with Round head**  
旋转锉L型 - 锥形圆头



**Rotary burrs type M - Conical Point**  
旋转锉M型 - 锥形尖头

