



ACCUSHARP

Cutting Tools Pvt. Ltd.

PRIDE OF THE METAL CUTTING INDUSTRY SINCE 1999

CUT FAST, CUT COST

DRILLS



MANUFACTURERS OF ALL TYPE OF
CUTTING TOOLS



ABOUT US



Headquartered in Pune, Accusharp Cutting Tools Pvt Ltd, is an established name, in the metal industry with its humble beginnings in the year 1999. Our core proficiency is in design, manufacture and supply of special cutting, tools, in HSS and Tungsten Carbide, for Automobile, Engineering, Textile, Energy Sector, Machine tool Industries, etc. Our Business goal is to assist customers for their productivity improvement coupled with reduced tooling cost.

Our forte lies in the 3 Ps- i.e. Product, Process and People.

Products: Improved quality products that meet customers expectation

Processes: With modern equipment of high efficiency and keeping safety as an imperative point of traction.

People: with Competence and passion for the organisational objectives

A Professional team of competent application engineers, provide unmitigated solutions for metal cutting processes for customers.

SOLID CARBIDE STEP DRILL

FEATURES

- 2, 3 or 4 flute
- Helical or straight flute
- Single or multiple diameter
- Single or double margin
- Solid or coolant through

APPLICATION

- Specific point geometries
- Micro engineered edge prep
- Coated to maximize performance, the high efficiency in drilling
- Suitable for drilling tap holes with countersinks
- Automotive Industry
- Industrial Application



ACCUSHARP offers a complete range of high performance, general purpose, finishing, roughing, high-speed, micro, and material-specific S/C Step drill for high productivity and extended tool life.

HSN2 coating for higher life , SC drill that offers a one-pass solution in steels and irons in traditional tap sizes to reduce cycle time and increase productivity. Drilling and chamfering in one shot. The highly polished surface ensures superior chip evacuation even when low-pressure coolant is applied.

Drill or drill machining tools used for making round holes in solid material. Drilling tools are End cutting tools designed for producing holes in work piece..

SOLID CARBIDE TCH DOUBLE MARGINE LONG DRILLS

FEATURES

- Improved surface quality,
- Borehole cylindricity and straightness
- Recommended cutting data are same as for single margin solid carbide drill,
- HSN2 Coating for longer tool life

APPLICATION

- Best suited for steel machining
- ALUMINIUM machining
- Aerospace Industry



Design with wide chip pockets for excellent chip control and chip evacuation. The new HSN2 COATING exclusively for drills, enables stable and long tool life over a wide variety of work materials and applications. Provides stable drilling with no wobbling for small machines, better hole finish with double margin.

Two guiding areas on two cutting edges enable reliable high quality hole machining in relation to the cylindricity and straightness including close hole tolerance, premium surface roughness and production stability which provide By Accusharp.

Tips

- 1) Ensure surface is prepared/machined before drilling
- 2) Use the special ACCUSHARP Pilot drill for pre drilling
- 3) Check for wear on Pilot drill during operation, which can lead to premature failure of the tool
- 4) Ensure adequate coolant pressure and good filtration of coolant

MICRO DRILL

FEATURES

- Strong geometry
- Smooth flute form
- High Accuracy
- Reliable high quality hole

APPLICATION

- Automotive Industry
- Aerospace Industry
- Medical Equipment Industry
- It is used in small part of production in general engineering Industry



Accusharp micro twist drill bits are excellent for producing smooth, precision holes and drilling through all hard metals.

ACCUSHARP offers a family of small diameter carbide micro drill for precision drilling in medical, aerospace and the automotive industry.

The Exclusive Line of high precision carbide drills are available in solid and coolant fed carbide designs from 0.30 mm to 3.0 mm diameter.

CARBIDE CENTER DRILL

FEATURES

- Better Life & productivity
- HSN2 COATING for less wear
- Made from Micro-Fine Carbide Grade
- Carbide Center Drills comes with 118° Point angle

APPLICATION

- Automotive Industry.
- Aerospace Industry
- Spring Manufacturing Industry
- Other manufacturing Industry
- Bearing Industry, Furniture manufacturing.



ACCUSHARP make center drills are used in Automotive, Aerospace & other manufacturing industry

Center Drills are used for providing centering holes on shafts faces, so to hold them between centers for other CNC job work.

Carbide Center Drill bits are Good for large batch production. Carbide Center Drills comes with varied chamfer angles of 45° / 60° or as per customer request or drawings

SOLID CARBIDE TCH DOUBLE MARGINE DRILLS

FEATURES

- Accusharp Drills stays on center
- It is highly Water-Resistant helping to maintain hole size accuracy
- Cutting Edge and special flute geometry to promote smooth chip evacuation.
- Accusharp Drill powers the cutting resistance and power consumption chips are broken into a compact shape for excellent chip disability to prevent jamming
- Smooth curled chips are produced Good chip control is due to efficient chip breaking,

APPLICATION

- Used for all STEEL and CASTIRON and SS material.
- Aerospace Industry
- Energy Industry



Accusharp Solid Carbide TCH Double Margin Long Drills reduced 80% cycle time as compared to Conventional deep hole drilling.

Double margin drills have a second margin ground behind the main margin. The trailing margin burnishes the cavity, making a true hole and smoother finish while providing a more accurate, rounder drilled hole and frequently eliminating the need for reaming.

HSN2-based coating with high hot hardness allows 30% higher cutting speeds and constant tool life. Four-margin lands improve hole straightness and hole alignment when drilling through cross holes.

SOLID CARBIDE RATIO DRILLS

FEATURES

- strong break point geometry
- Smooth flute form
- High accuracy
- Reliable high quality hole
- Tolerance achieved within 7 micron
- Creates a true flat-bottom hole from O.D. to center

APPLICATION

- Machining of mining bits
- Heat-treatable steels



High ratio generally used for the machining of mining bits, ACCUSHARP provide the best solution for this.

The bits which require high accuracy hole as tolerance given, Accusharp make ratio drills used for drilling a high accuracy holes with higher parameters. No retract line, no burr folding. Eliminate the 180° end mill in flat-bottom drilling, geometry-combinations available to cover most common materials.



ACCUSHARP
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OUR MARKET



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