

## Metal Cutting Tools

### Our Product Cluster:

Drills, Step drills, End-mills, Reamers, Cutters, Centre-drills, Form-Tools, Profile tools and Customised tooling solution in Solid Carbide and H.S.S.



### For machining Components:

Engine Head, Cylinder Head, Connecting Rod, Wheels, Crank-Shafts, Gears, Crank-Case, Axles, Nozzle Ring, Wind-Mill Blade, etc.

### In Work Material:

Carbon Steels, Alloy Steels, Cast Iron, Stainless Steel, Inconel, Super Alloys, Titanium Alloys, Copper Alloys, Aluminium Alloys, Brass, Plastics, etc.

### For Industry Sectors:

- Automotive
- Energy
- Engineering
- Die & Mould
- Aerospace

### For Product Enquiry Contact

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## Orbit Head Applications.

### Converts the Z-axis vertical movement to an orbital movement.

- The ORBIT HEAD forms the whole depth of the thread in a single orbital cycle.
- No need for interfering with the machine's electronic circuits – attach as an electrode holder and it's ready to operate.

### Maintains the EDM machine features of sinking and withdrawal.

- Withdrawal of electrode designed so it is always towards the center of the hole and not in the direction from which it came in order to achieve improved flushing.
- Up to 3.2 mm (1/8") horizontal movement in 0.02 mm (0.001") increments.
- Special flexible hose for spraying fluid directly through the electrode for blind threads.
- Two positions for attachment of electrode.

### Orbital fixed angular movement for threads (as well as circlip slot, inverted cone etc.)

- Orbital and rotating about its axis for circular symmetrical shapes.

A special electrode attachment enables the removal and replacement of the electrode without losing pre-settings for threads (to prevent cross-threading).



### For Product Enquiry Contact

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