

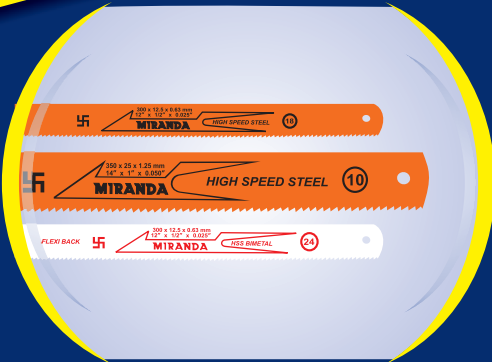


MIRANDA TOOLS

Premium quality cutting tools



ASHOK
PIRAMAL
GROUP



HAND AND POWER HACKSAWS



METAL CUTTING BANDSAW BLADE



BIMETAL BANDSAW BLADE



HSS TOOL BIT BLANK



HSS DRILLS



HSS ENDMILLS, REAMERS



HSS TAPS



CARBIDE TIPPED TOOLS



TUNGSTEN CARBIDE ROTARY BURRS



SOLID CARBIDE DRILLS



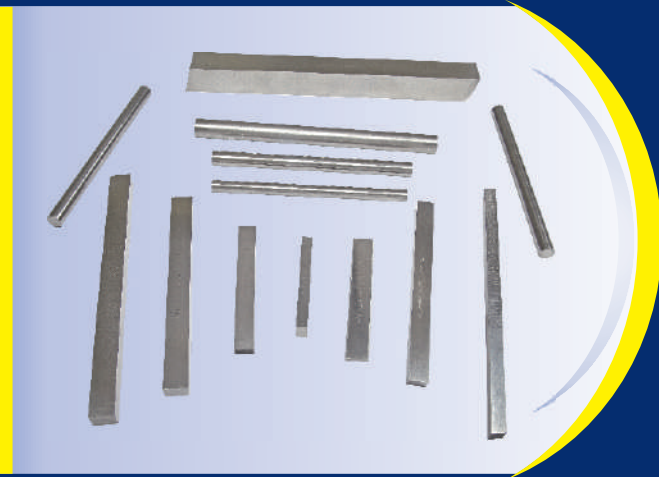
SOLID CARBIDE END MILLS



ANNULAR CUTTER

www.mirandatools.net





HSS TOOL BIT BLANKS

- HSS Square & Round Tool bits available in ZEDD (M2),
- S100 (M35), S200 (M42), S400 (T42), S500 (T42 with cryogenic)
- All Square tools are supplied with bevel angle & 15°
- HSS Flat Tool bits available in mark III (M35) & T42 grades.
- HSS Parting Tool bits available in mark II (M2) & T42 grades.
- Customized form tools such as trepanning, knife, radius, butt welded, brazed, engraved as per drawing.
- Special sizes & Tolerances as per specifications.

HSS DRILLS

M2, M35 & M42 grades.

- Parallel Shank Drills (Jobber & Stub)
- Gold Series : Dia 1mm to 20mm
- Super Series : Dia 1mm to 16mm
- Taper Shank Drills : Regular & Super Series : Dia 3mm to 76 mm
- Long Series & Extra Long Series Drill
Parallel Shank Long Series : 1.0mm to 16 mm
Parallel Shank Extra Long Series : 3.0mm to 12.0 mm
(Maximum overall length : 350mm)
- Taper Shank Long Series : Dia 5.0mm to 50.0mm
- Taper Shank Extra Series : Dia 10.0mm to 50.0mm
(Maximum overall length : 500mm)
- Centre Drills : Type 'A', 'B', 'R' & BS, Range : Pilot Dia 1.00mm to 10.00 mm
- Masonary Drills Dia 3mm to 13mm
- Special application Drills. Such as Crank Shaft, Web thinned, High/Low helix,
- Split Point, NC spotting as per drawing.



HSS TAPS

M2, M35 & M42 Grades of HSS.

- As per IS / DIN / ISO / JIS / BS Standards.
- Hand & Short Machine Taps,
- Long Shank Machine Taps
- NUT / NIB TAPS
- Straight flute, Spiral flute, Spiral point geometry.
- Range : 1mm to 100mm
- Pitch : Coarse & Fine
- Special Taps as per Drawing / application
- Coated / Blue Tempered / Nitride Taps available on request.



HSS ENDMILLS, REAMERS

M2 & M42 grades of HSS as per IS, BS, DIN, ISO & American standard.

● ENDMILLS

Range : 3mm to 50mm (1/8" to 2")
(Maximum OAL 400mm (16"))

Flutes : 2, 4, 6 & 8 Flutes

Types : Non Centre Cutting, Centre Cutting & Roughing Type

Shape : Ball Nose, Square, Corner Radius

Special Endmills as per Drawing & Applications

● REAMERS

Parallel Shank Hand Reamers

Taper Shank Machine & Chucking Reamers.

Range : 4.00mm to 50.00mm (3/16" to 2")

Taper Pin Hand & Machine Reamers

Range : 6.00mm to 50.00mm (1/4" to 7/8")

Taper Shank Machine Bridge Reamers & Jig Reamers

Taper Shank Core Drills, Shell Reamers



HAND AND POWER HACKSAWS

HSS, Bimetal Handsaws & Power saws

● Handsaw

Length : 250mm (10") to 300mm (12").

Width : 12.50 (1/2").

Thickness : 0.63mm.

TPI : 14, 18, 24, 32.

● Powersaw

Length : 300mm (12") to 900mm (36").

Width : 25mm (1"), 32mm (1.1/4"),

Width : 40mm (1.1/2"), 50mm (2").

Thickness : 18G, 16G, 14G, 12G.

TPI : 4, 6, 10, 14



METAL CUTTING BANDSAW BLADE

Carbon Steel

● Range :

Metric : Length : 30.5Mtrs
Width : 6.5, 10, 13, 16, 19, 25mm.

Inches Length : 100ft
Width : 1/4", 3/8", 1/2", 5/8", 3/4", 1"

TPI : 4, 6, 8, 10, 14, 18.

Welded Loops can also be supplied in any size & length.





MIRANDA TOOLS



BIMETAL BANDSAW BLADE

- **Furia** : M42 grade - Multipurpose blade designed to cut all kinds of steels, both ferrous and non ferrous metals, in all dimentions and shapes
- **Katana** : M42 grade - with VX teething, ideal for sawing stainless steel & cold workable material.
- **Alumina** : M42 grade - Perfectly suitable for sawing of aluminium blacks, trimming cast moulding and cutting aluminium profiles in bundle operations.
- **Titan** : M51 grade - Suited for cutting exotic and high alloyed steels.

CARBIDE TIPPED TOOLS

K05, K10, K20, P10, P20, P30 and P40 Grades of carbide.

As per ISO Standard.

- Turning & Facing Tool
- Boring Tool.
- Parting & V Tool
- Grooving Tool.
- Threading Tool. (Internal & Externa)
- Scrapers.
- Special Tools as per Drawing.



TUNGSTEN CARBIDE ROTARY BURRS

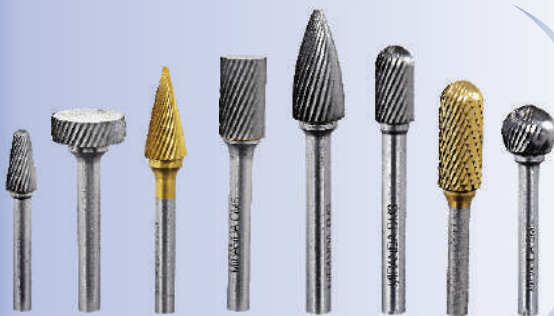
Standard Un-coated and TiN coated types

Available in Standard & Long lengths

Types : Single Cut, Double Cut & Diamond Cut

Shapes

- Cylindrical Radius End
- Cylindrical
- Conical
- Flame, Rim
- Tree Pointed End
- Oval, Ball
- Tree Radius End
- Miniature series in above shapes.
- TCRB Set of 5 pieces.
- Special Burrs as per drawing.





SOLID CARBIDE ENDMILLS

2FL / 4FL Center Cutting Endmills from Ultra Micro Fine Grade of Carbide
Range Dia. : 1mm to 25mm.

Un-coated / TiALN coated

Shapes : Square / Ball Nose, Regular & Short lengths.

Long & Extra Long lengths

Long Reach, Corner Radius.

Special sizes as per drawing



SOLID CARBIDE DRILLS

Jobber & Stub Drill from Ultra Micro Fine Grade of Carbide

- **Stub Series**

Range Dia. : 1mm to 16mm.

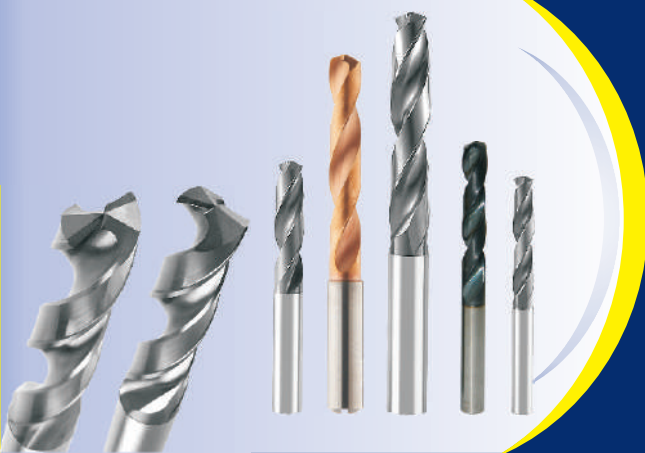
- **Jobber Series.**

Range Dia. : 1mm to Dia 16mm.

Standard Un-coated and TiAIN coated types.

118° & 135° point angle available

Special sizes available on request.



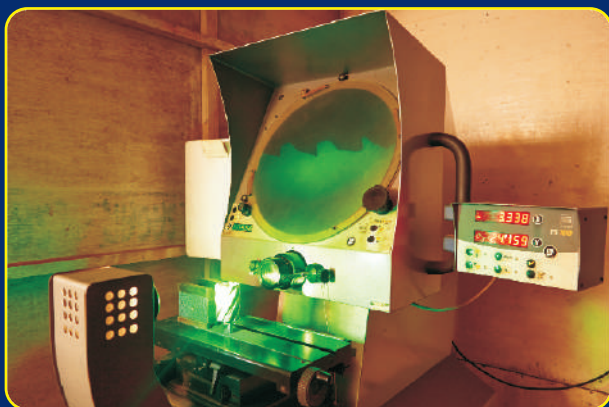
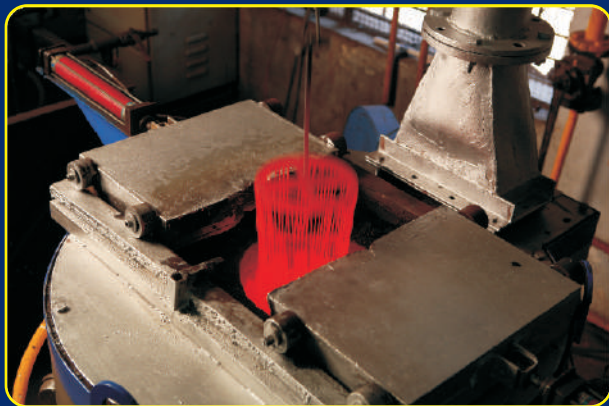
ANNULAR CUTTERS HSS & TCT GRADES

Suitable for peripheral through hole cutting
up to 50mm thickness



M

MIRANDA TOOLS





Domestic Market



♦ 3 Mfg. Plants
 ♦ 11 Branches
 ♦ 300+ Dealers

- ♦ MUMBAI
- ♦ PUNE
- ♦ AHMEDABAD
- ♦ INDORE
- ♦ NEW DELHI
- ♦ FARIDABAD
- ♦ LUDHIANA
- ♦ BENGALURU
- ♦ SECUNDERABAD
- ♦ CHENNAI
- ♦ KOLKATA



International Market



- ♦ NORTH AMERICA
- ♦ SOUTH AMERICA
- ♦ UNITED KINGDOM
- ♦ EUROPE
- ♦ AFRICA
- ♦ MIDDLE EAST
- ♦ SOUTH EAST ASIA
- ♦ AUSTRALIA



MIRANDA TOOLS

An Ashok Piramal Group company

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Authorised Dealer

