



# MIRANDA

**MIRANDA** IS NOW A PART OF **DORMER PRAMET** FAMILY

## PRODUCTS FOR EVERY PURPOSE



 **DORMER**



 **PRAMET**



**MIRANDA**  
Simply reliable cutting tools

## ABOUT MIRANDA

### Miranda product brand

Our Miranda brand is synonymous with a wide range of High-Speed Steel cutting tools.

This includes HSS drills and taps, end mills, reamers, annular cutters (HSS & TCT), carbide rotary burrs and solid carbide drills.

Products are manufactured to close tolerances and international standards (ISO & DIN). Our customers come from a wide range of industries, such as the automotive, general engineering, defence, aerospace, railway and oil & gas markets.

The Miranda range covers jobber, stub, long and extra-long series drills, solid carbide drills and sets. We also have an assortment of HSS taps and high-performance Edge platinum cut taps.

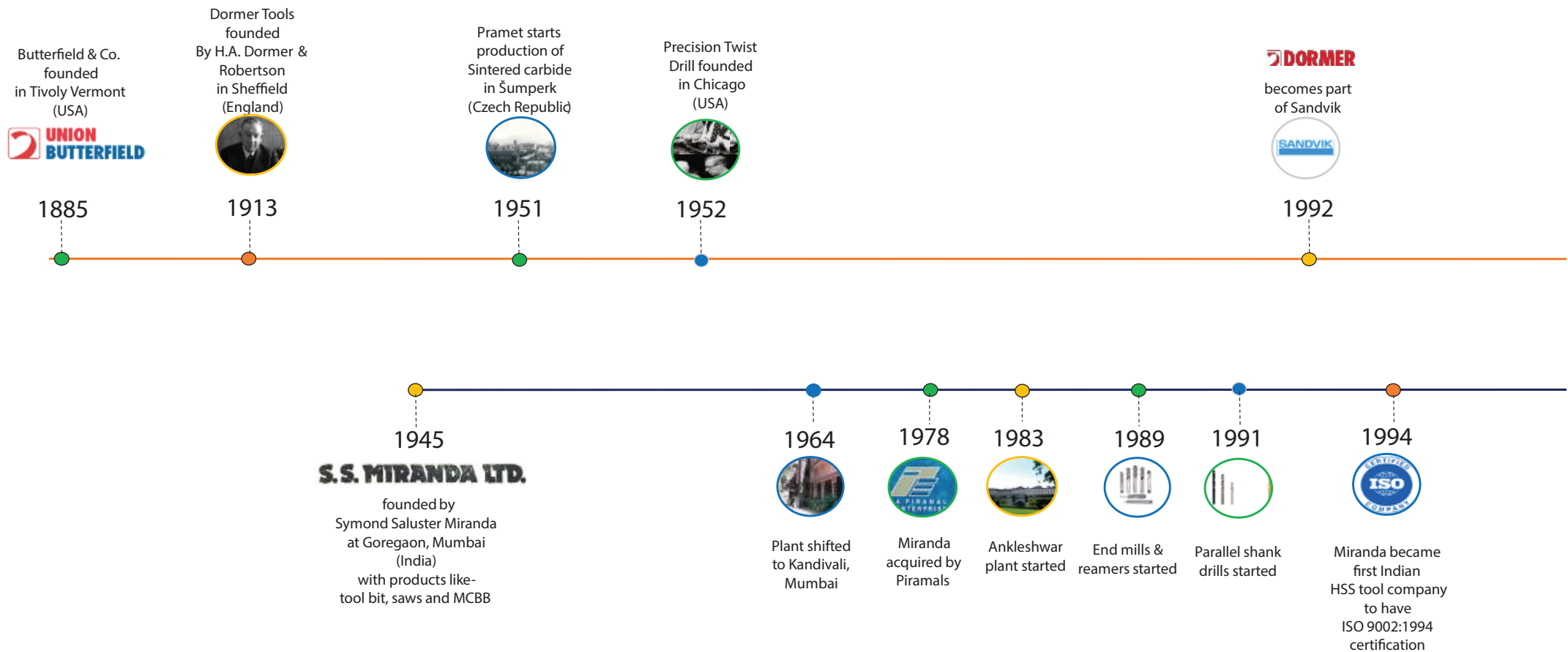
In milling, our Miranda offer includes solid carbide end mills, two-flute end mills, multi-flute center cutting ends mills and roughing end mills, as well as a varied assortment of hand and chucking reamers, from parallel shank to taper shank.

For more details of all the products available within the Miranda brand, please visit our website [www.dormerpramet.com](http://www.dormerpramet.com).



# MIRANDA

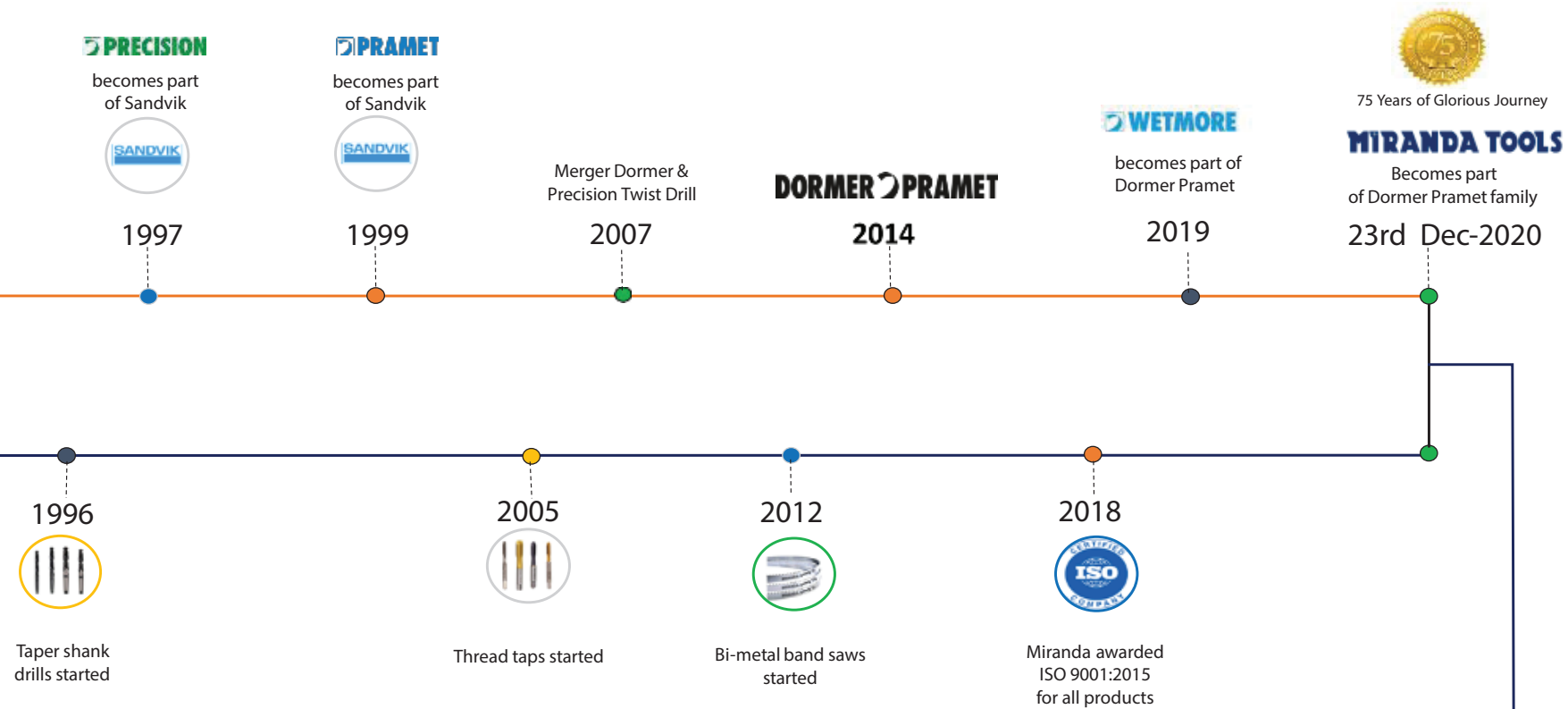
## OUR STORY





Simply reliable cutting tools

## OUR STORY



*the best is yet to come !*

## DRILLING TOOLS

### HSS Jobber Drills & HSS Stub Drills

TYPE	SURFACE TREATMENT
"N" / "S"	Bright, Steam Oxide & Gold Oxide (Amber Finish) (TiN, TiCN, TiAlN coating available)

**MIRANDA**



#### Split Point Geometry Also Available

	Jobber standard series	Jobber High Helix series	Jobber low Helix series	Stub standard series
Size range (MM)	1 mm – 14 mm	3 mm – 14 mm	3 mm – 7 mm	3 mm – 14 mm
Size range (inch)	3/64" – 35/64"	1/8" – 35/64"	1/8" – 9/32"	5/64" – 35/64"
Helix angle	25° - 30°	34° - 40°	17° - 23°	25° - 30°
Point angle	118°	118° / 135°	90° / 118°	118°
Drilling length	5D			3D
Material	M2, M35 & M42			M2 & M35
Standard	DIN 338 / BS 328 Part 1			DIN 1897 / BS 328 Part 1

#### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

### HSS Jobber Drills (Wire Gauge & Letter Gauge)

TYPE	SURFACE TREATMENT
"N" / "S"	Bright, Steam Oxide & Gold Oxide (Amber Finish) (TiN, TiCN, TiAlN coating available)

**MIRANDA**



#### Split Point Geometry Also Available

	Jobber standard series	Jobber High Helix series	Jobber low Helix series
Size Range (Wire Gauge)	WG 60 – WG 01	WG 31 – WG 01	WG 31 – WG
Size Range (Letter Gauge)	LG A – LG Z	LG A – LG Z	LG A – LG I
Helix Angle	25° - 30°	34° - 40°	17° - 23°
Point Angle	118°	118° / 135°	90° / 118°
Drilling Length	5D		
Material	M2 & M35		
Standard	DIN 338 / BS 328 Part 1		

#### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

## DRILLING TOOLS

### Super Jobber Drills & HSSE Stub Drills

TYPE	SURFACE TREATMENT
"C"	Bright, Steam Oxide & Gold Oxide (Amber Finish) (TiN, TiCN, TiAlN coating available)

**MIRANDA**



#### Split Point Geometry Also Available

	Super Jobber Drill Standard Series	HSSE Stub Drill - Standard Series
Size range (MM)	1mm – 16mm	3 mm – 16 mm
Size range (inch)	5/64" – 35/64"	5/64" – 5/8"
Helix angle	32° - 40°	25° - 30°
Point angle	130° / 135°	118° / 135°
Drilling length	5D	3D
Material	M35	
Standard	BS 328 Part 1	

#### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

### HSS Parabolic Flute Jobber Drills

TYPE	SURFACE TREATMENT
"W"	Bright Finish (TiN, TiCN, TiAlN coating available)

**MIRANDA**



#### Split Point Geometry Also Available

	Parabolic Flute Jobber Drill – Standard Series
Size range (MM)	3mm – 14mm
Size range (inch)	1/8" – 35/64"
Helix angle	34° - 40°
Point angle	135°
Drilling length	5D
Material	M35
Standard	BS 328 Part 1

#### SUITABLE FOR

Aluminum

## DRILLING TOOLS

### HSS Long & Extra Long Series Drills

TYPE	SURFACE TREATMENT
"N"	Bright, Steam Oxide & Gold Oxide (Amber Finish) (TiN, TiCN, TiAlN coating available)

**MIRANDA**



#### Split Point Geometry Also Available

	Long Series Drill – Standard Series	Extra Long Series Drill - Standard Series
Size range (MM)	1mm – 14mm	3mm – 14mm
Size range (inch)	5/64" – 35/64"	3/32" – 35/64"
Helix angle	25° - 30°	
Point angle	118° / 135°	
Material	M2 & M35	M35
Standard	DIN 340 / BS 328 Part 1	DIN 1869 (Part 1, 2, 3) / BS 328 Part 1

#### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

### HSS Jobber Drill Set

TYPE	SURFACE TREATMENT
"N" / "S"	Bright, Steam Oxide & Gold Oxide (Amber Finish) and Black & Gold (TiN, TiCN, TiAlN coating available)

**MIRANDA**



#### Split Point Geometry Also Available

	HSS Jobber Drill Set	
Drilling Length	5D	
Type	N	C
Standard	DIN 338 / BS 328 Part 1	
Material	M2	M35

#### Product Range

- DIA. 1.00mm to 13.00 mm (25 Pcs)
- DIA. 1.00mm to 10.00 mm (19 PCS)
- DIA. 1.00mm to 6.00 mm (51 PCS)
- DIA. 6.00mm to 10.00 mm (41 PCS)
- DIA. 1/16" to 1/2" (15 PCS)
- DIA. 1/16" to 3/8" (21 PCS)
- DIA. 1/16" to 1/2" (29 PCS)

#### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal



## DRILLING TOOLS

### NC Spotting Drills

TYPE	SURFACE TREATMENT
"N"	Bright Finish (TiN, TiCN, TiAlN coating available)

**MIRANDA**



	NC Spotting Drills
Size range (MM)	3mm – 20mm
Size range (inch)	5/64" – 25/32
Helix angle	20°
Point angle	90° or 120°
Material	M2 & M35 Grade
Standard	Miranda Standard

### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

### HSS Centre Drills

TYPE	SURFACE TREATMENT
"A" / "B" / "R"	Bright Finish (TiN, TiCN, TiAlN coating available)

**MIRANDA**



	HSS Centre Drill – Type A	HSS Centre Drill – Type B	HSS Centre Drill – Type R
Size range (MM)	1mm – 8mm	1mm – 6.30mm	1mm – 6.30mm
Size range (inch)	3/64" – 5/16"	3/64" – 1/4"	3/64" – 3/16"
Point angle	120°		
Material	M2 & M35		
Standard	DIN 333 / BS 328 Part 1		

### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

## DRILLING TOOLS

### HSS Taper Shank Twist Drills – Regular, Long & Extra Long Series

TYPE	SURFACE TREATMENT
"N"	Bright & Steam Oxide Finish

**MIRANDA**



	Taper Shank Drill – Regular Series	Taper Shank Drill – Long Series	Taper Shank Drill – Extra Long
Size range (MM)	3mm – 76mm	5mm – 40mm	19mm – 50mm
Size range (inch)	1/8" – 2.31/32"	13/64" – 1./ 16"	3/4" – 1.15/16"
Helix angle	30°		
Point angle	118°		
Material	M2 & M35	M2	
Standard	DIN 345 / BS 328 Part 1	DIN 341	DIN 1870

### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

### HSS Reduced Shank Drills – 1/2" Shank – 12.70mm

TYPE	SURFACE TREATMENT
"N"	Steam Oxide Finish

**MIRANDA**



	Reduced Shank Drill – Standard Series
Size Range (MM)	13mm – 25mm
Size Range (Inch)	1/2" – 1"
Helix Angle	30°
Point Angle	118°
Material	M2 & M35 Grade

### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

DRILLING TOOLS

Miranda Solid Carbide Drills – Miranda Maxx



SURFACE TREATMENT

Bright Finish (TiN, TiCN, TiAlN coating available)

MIRANDA



	Solid Carbide Jobber Drill – TiAlN Coated	High Performance Solid Carbide Drill – TiAlN Coated	High Performance Carbide Drill / Coolant Hole Carbide Drill
Size range (MM)	1mm – 16mm	3mm – 20mm	3mm - 20mm
Helix angle	30°		
Point angle	140°		
Drilling Length	5D / 7D		3D / 5D / 7D
Material	Carbide		
Standard	DIN 338		

SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

## THREADING TOOLS

### High Performance Platinum Cut Taps – Miranda Edge Taps



TYPE	SURFACE TREATMENT
IS - 6175 / ISO 529 1993 DIN 371/376/374/ JIS / ANSI	Bright Finish (TiN & TiAlN coating available)

**MIRANDA**

Also available in equivalent inch sizes



### High Performance Platinum Cut Taps – Miranda Edge Taps

Type	Straight Flute			Spiral Point			Spiral Flute			Straight Flute for Cast Iron		
Range	M3 – M20			M3 – M20			M3 – M20			M3 – M20		
Series	MC1	MC2	MC3	MA1	MA2	MA3	MB1	MB2	MB3	CI MC 1	CI MC 2	CI MC 3
Treatment	Bright	TiN	TiAlN	Bright	TiN	TiAlN	Bright	TiN	TiAlN	Bright	TiN	TiAlN
Thread Form	Metric / UNC / UNF / BSW / BSF / NPT / BSP / NPTF / BSPF											
Material	HSS - E			HSS - E			HSS - E			HSS - E		



THREADING TOOLS

HSS Taps

SURFACE TREATMENT

Surface Treatment : Bright and Steam Oxide (TiN, TiCN, TiAlN coating available)

MIRANDA



	Hand & Short Machine Taps	Long Shank Machine Taps
Size Range (MM)	M1 – M100	M3 – M24
Tolerance	4H / 6H	
Form of Thread	Metric / UNC / UNF / BSW / BSP / NPT / BSPT / NPTF	
Material	M2, M35 & M42	
Standard	DIN 352 / ISO 529 1993 / ANSI	

## TURNING TOOLS

### HSS Tool Bits



**MIRANDA**



	Square Tool Bits	Round Tool Bit	Rectangle Tool Bit	Parting Tool Bit	HSS Engraving Tool Bit	HSS Tool Bit – Miranda Zedd	HSS Tool Bit – Miranda Zedd +
Size range (MM)	3mm – 25mm		Tickness: 6mm – 20mm Width: 12mm – 25mm	Tickness: 2.5mm – 6mm Width: 10mm – 25mm	1.5mm – 20mm	3mm – 25mm	5mm – 25mm
Size range (Inch)	1/8" – 1"		Tickness: 1/4" – 3/4" Width: 1/2" – 1"	Tickness: 3/32" – 1/4" Width: 3/8" – 1"	1/16" – 25/32"	1/8" – 1"	3/16" – 1"
Tolerance	h13 / h12		h9 / h8	h13 / h12	h8	h13/h12	
Bevel lead	15° / 0°		0°	15° / 0°	0°	15° / 0°	
Material	M2, M35, M42 & T42					M2	
Standard	DIN 4964 / ISO 5421						

#### Product Range

- S100 – M35 (HSS with 5% cobalt) (63-66 HRc)
- S200 – M42 (HSS with 8% cobalt) (65-68 HRc)
- S400 – T42 (HSS with 10% cobalt) (64-67 HRc)
- S400e – M35 (with cryogenic ultra low heat treatment 64-67 HRc)
- S500 – T42 (with cryogenic ultra low heat treatment 64-67 HRc)

### SUITABLE FOR

Turning | Boring | Parting | Threading | Grooving

## MILLING TOOLS

### HSS End Mills

#### SURFACE TREATMENT

Bright & Steam Oxide Finish (TiN, TiCN, TiAlN coating available)

**MIRANDA**



	HSS End Mill 2 FL – Centre Cutting – Short & Regular Series HSS Parallel Shank Slot Drills & HSS Parallel Shank Long & Regular Series		HSS Parallel Shank Roughing End Mill	HSS End mill 2 FL – Ball nose – Short & Regular Series, Multi flute Centre Cutting Long & Regular Series
Size range (MM)	3mm – 50mm		6mm – 40mm	3mm – 30mm
Size range (inch)	1/8" – 1 31/32"		15/64" – 1 37/64"	1/8" – 1 3/16
Material	M2 & M42		M42	M2 & M42
Standard	DIN 327 / BS 122	DIN 844 / BS 122	DIN 844 / BS 122	DIN 844 / BS 122
Holding	Plain Shank , Flatted Shank, Threaded Shank			
Helix Angle	30°			
No. of Flutes	2, 3, 4, 6, 8			

### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

### Solid Carbide End Mills – Miranda Maxx

#### SURFACE TREATMENT

Bright Finish (TiN, TiCN, TiAlN coating available)

**MIRANDA  
Maxx**

**MIRANDA  
Maxx<sup>Pro</sup>**

**MIRANDA**



	Solid Carbide End Mill – 2/4 Flute – TiAlN Coated & Solid Carbide Ball Nose End Mill – TiAlN Coated	Solid Carbide 2/4FL Long End Mill – TiAlN Coated	High Performance Carbide End Mill & Carbide Ball Nose End Mill	Carbide End Mill Standard & Long Series	Carbide Long Reach End Mill Standard & Ball Nose End Mill	Carbide RIB Cutter End Mill Standard & Ballnose
Size range (MM)	1mm – 20mm	3mm – 20mm	Standard - 1mm - 20mm Long - 4mm - 20mm	6mm - 25mm	2mm - 6mm	1mm - 2mm
Size range (inch)	3/64" – 25/32"	1/8" – 25/32"	Standard - 3/64" - 25/35" Long - 5/32" - 25/35"	15/64" - 63/64"	5/64" - 15/64"	3/64" - 5/64"
Material	Carbide					
No. of Flutes	2/4			6/8	2/4	4
For Material	HRc 30-45		HRc 45-55 / HRc 45-60 / HRc 50-65	HRC 45-55		

### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

## ANNULAR CUTTER

### HSS Annular Cutters & TCT Annular Cutters

#### SURFACE TREATMENT

Steam Oxide Finish

**MIRANDA**



	Annular Cutter	TCT Annular Cutter
Size range (MM)	12mm – 60mm	12mm – 100mm
Shank	Weldon / Universal	
Material	M2, M35 & M42	TCT
Depth of Cut	25mm, 35mm, 50mm	25mm, 35mm, 50mm, 75mm

#### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal



## REAMING TOOLS

### HSS Reamers

#### SURFACE TREATMENT

Sand Blasted Finish

**MIRANDA**



	Taper Pin Hand Reamers	HSS Parallel Shank Hand Reamers	HSS Taper Shank Chucking Reamers	HSS Parallel Shank Chucking Reamers	HSS Taper Shank Machine Reamers
Size range (MM)	6mm – 50mm	3mm – 50mm	6mm – 50mm	4mm – 20mm	3mm – 50mm
Size range (Inch)	1/4" – 7/8"	1/8" – 1 31/32"	15/64" – 1 31/32"	5/32" - 25/32"	1/8" – 1 31/32"
Helix angle	7° - Left Hand Helix / Right Hand Cut				
Bevel lead	45°				
Material	M2				
Standard	BS 328 Part 4	DIN 206 / BS 328 Part 1	DIN 208 / BS 328 Part 1	DIN 212 / BS 328 Part 1	ISO 236

### SUITABLE FOR

Steel | Stainless Steel | Cast Iron | Brass | Aluminum | Non Ferrous Metal

DEBURRING TOOLS

Tungsten Carbide Rotary Burrs (TCRB)



SURFACE TREATMENT

Bright Finish (TiN, TiCN, TiAlN coating available)

MIRANDA



Description of Shape	International Nomenclature	Description of Shape	International Nomenclature
Conical	SM/SKM	Oval	SE/TRE
Cylindrical Radius End	SC/WRC	Ball	SD/KUD
Cylindrical	SA/ZYA	Tree Pointed End	SG/SPG
Flame	SH	Tree Radius End	SF/RBF
Cone Radius	SL/KEL	Inverted Cone	SN
Rim	RIM	Set of 5 Pieces	-

SUITABLE FOR

Cast Iron | Mild Steel | Stainless Steel | Forged Steel | Titanium | Aluminum

## TUNGSTEN CARBIDE TIPPED TOOLS

### Tungsten Carbide Tipped Tools (CTT)



MATERIAL	SURFACE TREATMENT
Carbide K10, K20, P10, P20, P30, P40	Silver Finish

**MIRANDA**



### Product Range & Details

- 110 Bar Turning Tool – ISO 1
- 111 Cranked Turning & Facing Tool – ISO 2
- 113 Straight Round Nose Turning Tool – ISO 3
- 115 Cranked Round Nose Turning Tool
- 116 Bar Turning Tool
- 117 Cranked Knife Tool – ISO 6
- 122 Straight Finishing Tool
- 123 Cranked Finishing Tool – ISO 3
- 126 Cranked Facing Tool – ISO 5
- 135-136 Boring and Facing Tool – ISO 9
- 127 Recessing Tool – ISO 4
- 130-131 Boring Tool – ISO 8
- 165 Straight Threading Tool
- 166 Internal Threading Tool
- 140-142 Boring Tool
- 163 Straight Turning Tool & Grooving Tool
- 141 Boring Tool
- 150 Parting Tool – ISO 7
- 156 Cranked internal Recessing Tool

# MIRANDA

Simply reliable cutting tools



## DORMER PRAMET

[www.dormerpramet.com](http://www.dormerpramet.com)  
[info.in@dormerpramet.com](mailto:info.in@dormerpramet.com)

North West  
Bhim Singh  
Cell: +91 9350885015  
email: [bhim.a.singh@dormerpramet.com](mailto:bhim.a.singh@dormerpramet.com)

North East  
Manoj KumarGupta  
Cell: +91 7827622070  
email: [manojkumar.gupta@dormerpramet.com](mailto:manojkumar.gupta@dormerpramet.com)

South  
Muthukumar P.S.  
Cell: +91 9445245155  
email: [muthukumar.ps@dormerpramet.com](mailto:muthukumar.ps@dormerpramet.com)

West  
Sachin Sharma  
Cell: +91 9323823470  
email: [sachin.sharma@dormerpramet.com](mailto:sachin.sharma@dormerpramet.com)

Please follow the QR code for more updates on the Dormer Pramet range of products

Holemaking  
Catalogue



Threading  
Catalogue



Turning  
Catalogue



Milling  
Catalogue



Website

