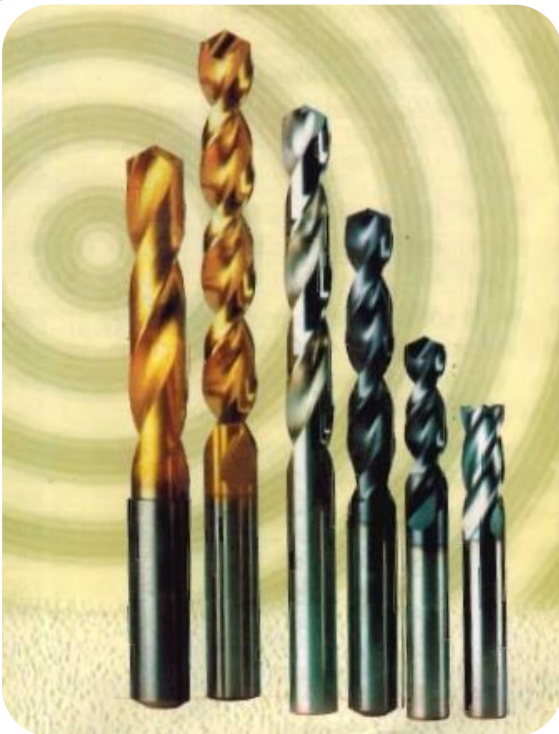


# PRODUCT CATALOGUE

SCT

**SOLICARB TOOLS**

MFG. PRECISION MICRO DRILLS IN CARBIDE & HSS



## Our product range:

- ✚ Micro Drills in Carbide & HSS
- ✚ Carbide Drills - Stub, Jobber & Long series
- ✚ Step Drills
- ✚ Special drills (as per drawing)
- ✚ Reamers
- ✚ End Mills
- ✚ Ball Nose
- ✚ Slot Drills
- ✚ Engraving Tools
- ✚ Carbide blanks (Ground/Unground)
- ✚ HSS Step Drill & Capillary Drills for Ball Pen Tips

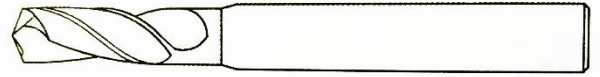
+91 9422316609 | +91 9860029272

[solicarb@yahoo.co.in](mailto:solicarb@yahoo.co.in) | <https://www.solicarbtools.com>

## SOLID CARBIDE DRILLS – STUB SERIES

Short Length

Material – Micrograin Carbide  
DIN 338 IS 5100



Cutting Dia.	Shank Dia.	Flute Length	Total Length
0.70	0.70	4.50	23.00
0.80	0.80	5.00	24.00
0.90	0.90	5.50	25.00
1.00	1.00	6.00	26.00
1.50	1.50	9.00	32.00
2.00	2.00	12.00	38.00
2.50	2.50	14.00	43.00
3.00	3.00	16.00	46.00
3.50	3.50	20.00	52.00
4.00	4.00	22.00	55.00
4.50	4.50	24.00	58.00
5.00	5.00	26.00	62.00

Cutting Dia.	Shank Dia.	Flute Length	Total Length
5.50	5.50	28.00	66.00
6.00	6.00	28.00	66.00
6.50	6.50	31.00	70.00
7.00	7.00	34.00	74.00
7.50	7.50	34.00	74.00
8.00	8.00	37.00	79.00
8.50	8.50	37.00	79.00
9.00	9.00	40.00	84.00
9.50	9.50	40.00	84.00
10.00	10.00	43.00	89.00
11.00	11.00	47.00	95.00
12.00	12.00	51.00	102.00

All figures in mm

## SOLID CARBIDE DRILLS – JOBBER SERIES

Standard Length

Material – Micrograin Carbide  
DIN 6539 IS 5101



Cutting Dia.	Shank Dia.	Flute Length	Total Length
0.70	0.70	12.00	31.00
0.80	0.80	12.00	31.00
0.90	0.90	12.00	31.00
1.00	1.00	12.00	34.00
1.50	1.50	18.00	40.00
2.00	2.00	24.00	49.00
2.50	2.50	30.00	57.00
3.00	3.00	33.00	61.00
3.50	3.50	39.00	70.00
4.00	4.00	43.00	75.00
4.50	4.50	47.00	80.00
5.00	5.00	52.00	86.00

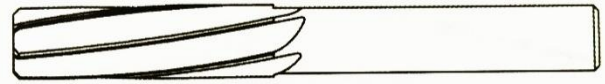
Cutting Dia.	Shank Dia.	Flute Length	Total Length
5.50	5.50	57.00	93.00
6.00	6.00	57.00	93.00
6.50	6.50	65.00	100.00
7.00	7.00	65.00	110.00
7.50	7.50	65.00	110.00
8.00	8.00	65.00	110.00
8.50	8.50	65.00	110.00
9.00	9.00	65.00	110.00
9.50	9.50	65.00	110.00
10.00	10.00	65.00	110.00
11.00	11.00	65.00	110.00
12.00	12.00	65.00	110.00

All figures in mm

- No. of flutes: 1/2/3 Flute.
- Range: 0.4mm to 20mm
- Above 7mm, our standard Flute length = 65mm & Total length = 110mm
- Size & length can also be customized/tailormade as per customer's specific requirements.
- Available with or without coating.

## SOLID CARBIDE REAMER – STRAIGHT FLUTE

Material – Micrograin Carbide  
Centre Cutting – Straight Shank



Cutting Dia.	Shank Dia.	Flute Length	Total Length	No. of Flute
1.40	1.40	8.00	40.00	2
1.50	1.50	8.00	40.00	2
1.60	1.60	9.00	43.00	2
2.00	2.00	11.00	49.00	4
2.50	2.50	14.00	57.00	4
3.00	3.00	15.00	61.00	4
3.20	3.20	16.00	65.00	4
3.50	3.50	18.00	70.00	4
4.00	4.00	19.00	75.00	4
4.50	4.50	21.00	80.00	6
5.00	5.00	23.00	86.00	6
5.50	5.50	26.00	93.00	6

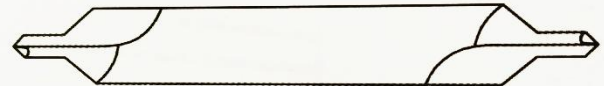
Cutting Dia.	Shank Dia.	Flute Length	Total Length	No. of Flute
6.00	6.00	26.00	93.00	6
6.50	6.50	28.00	101.00	6
7.00	7.00	31.00	109.00	6
7.50	7.50	31.00	109.00	6
8.00	8.00	33.00	117.00	6
8.50	8.50	33.00	117.00	6
9.00	9.00	36.00	125.00	6
9.50	9.50	36.00	125.00	6
10.00	10.00	38.00	133.00	6
11.00	11.00	41.00	142.00	6
12.00	12.00	44.00	151.00	6

All figures in mm

- No. of flutes: 2/4/6.
- Size & length can also be customized/tailormade as per customer's specific requirements.
- Available with or without coating.

## SOLID CARBIDE CENTRE DRILL

Type – A Right Hand Cutting  
Material – Micrograin Carbide DIN333



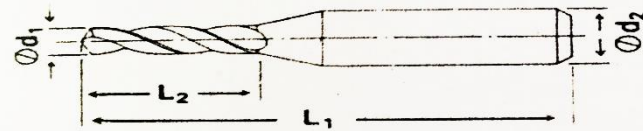
Cutting Dia.	Shank Dia.	Flute Length	Total Length
0.50	3.15	0.90	25.00 (Single End)
0.80	3.15	1.30	25.00 (Single End)
1.00	3.15	1.60	31.50
1.25	3.15	1.90	31.50
1.60	4.00	2.40	35.50
2.00	5.00	2.90	40.00
2.50	6.30	3.60	45.00
3.15	8.00	4.40	50.00
4.00	10.00	5.60	56.00

All figures in mm

- Straight fluted or spiral fluted.
- Size & length can also be customized/tailormade as per customer's specific requirements.
- Available with or without coating.

## MICRO DRILL

Material – Microgain Carbide, H.S.S  
IS 5363 -1983



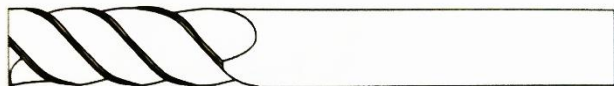
Cutting Dia.	Over	Up to	Shank Dia.	Flute Length	Total Length
0.39	0.38	0.48	1.00	3.60	25.00
0.49	0.48	0.53	1.00	4.00	25.00
0.54	0.53	0.60	1.00	4.50	25.00
0.61	0.60	0.67	1.00	5.00	25.00
0.68	0.67	0.75	1.00	5.60	25.00
0.76	0.75	0.79	1.00	6.30	25.00
0.80	0.79	0.85	1.50	6.30	25.00
0.86	0.85	0.95	1.50	7.10	25.00
0.96	0.95	1.06	1.50	8.00	25.00
1.10	1.06	1.18	1.50	9.00	25.00
1.20	1.18	1.32	1.50	10.00	25.00
1.35	1.32	1.50	1.50	11.20	25.00

All figures in mm

- Available with or without coating.
- Size & length can also be customized/tailormade as per customer’s specific requirements.

## SOLID CARBIDE END MILL

Standard Length  
Material – Micro grain Carbide



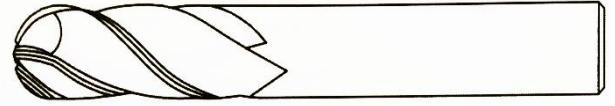
Cutting Dia.	Cutting Length	Total Length	Shank Dia.
1.00	5	50	3.00
2.00	8	40	3.00
3.00	10	50	3.00
4.00	11	50	4.00
5.00	13	50	5.00
6.00	16	50	6.00
7.00	18	60	7.00
8.00	20	60	8.00
9.00	22	75	9.00
10.00	25	75	10.00

Cutting Dia.	Cutting Length	Total Length	Shank Dia.
11.00	30	75	11.00
12.00	30	75	12.00
13.00	30	90	13.00
14.00	30	90	14.00
15.00	30	90	15.00
16.00	40	100	16.00
17.00	40	100	17.00
18.00	40	100	18.00
19.00	40	100	19.00
20.00	40	100	20.00

All figures in mm

- No. of flutes: 2/3/4 Flute.
- Size & length can also be customized/tailormade as per customer’s specific requirements.
- Available with or without coating.
- Flat End Mill as well as End Mill with Corner Radius available.

## SOLID CARBIDE BALL NOSE



Standard Length  
Material – Micro grain Carbide

Cutting Dia.	Cutting Length	Total Length	Shank Dia.
1.00	5	50	3.00
2.00	8	40	3.00
3.00	10	50	3.00
4.00	11	50	4.00
5.00	13	50	5.00
6.00	16	50	6.00
7.00	18	60	7.00
8.00	20	60	8.00
9.00	22	75	9.00
10.00	25	75	10.00

Cutting Dia.	Cutting Length	Total Length	Shank Dia.
11.00	30	75	11.00
12.00	30	75	12.00
13.00	30	90	13.00
14.00	30	90	14.00
15.00	30	90	15.00
16.00	40	100	16.00
17.00	40	100	17.00
18.00	40	100	18.00
19.00	40	100	19.00
20.00	40	100	20.00

All I figures in mm

- No. of flutes: 2/3/4 Flute.
- Size & length can also be customized/tailormade as per customer's specific requirements.
- Available with or without coating.

## PRODUCT CATEGORIES

All our manufactured carbide tools fall under below two categories:

- **REGULAR:** Carbide tools suitable for applications with hardness upto 35 hrc
- **PREMIUM:** Carbide tools suitable for applications with hardness upto 65 hrc

Please Note: While sending us your enquiry, please submit your technical drawings/ material on which the tools are to be used to enable us to select proper raw material and appropriate geometry for better tool performance.

### COMPANY BRIEF

- *Established in 2003, SOLI CARB TOOLS is one of the leading manufacturers and suppliers of cutting tools in Solid Carbide and HSS.*
- *We are committed to provide & deliver high quality products and solutions.*
- *Top management has a vast experience of over 25 years in this domain which helps the organization to deliver “Competitive Cost” and “Quality Solutions” on time.*

### WHY CHOOSE US?

- More than 15 years of experience.
- An ISO 9001-2015 certified company.
- Customer centric approach.
- Timely Completion of orders.
- Market leading prices.
- Focus on quality.
- Experienced work force.

### Our Offerings:

- Drills/Step Drills
- Special Drills (As per customer's drawing)
- Reamers
- End Mills
- Ball Nose
- Slot Drills
- Engraving Tools
- Carbide Blanks (Ground/Unground)
- We also offer regrinding services of used drill bits & Coating of tools

*Contact us with your requirements & we assure you best of our service & prompt attention at all times*

**+91 9422316609 | +91 9860029272**

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