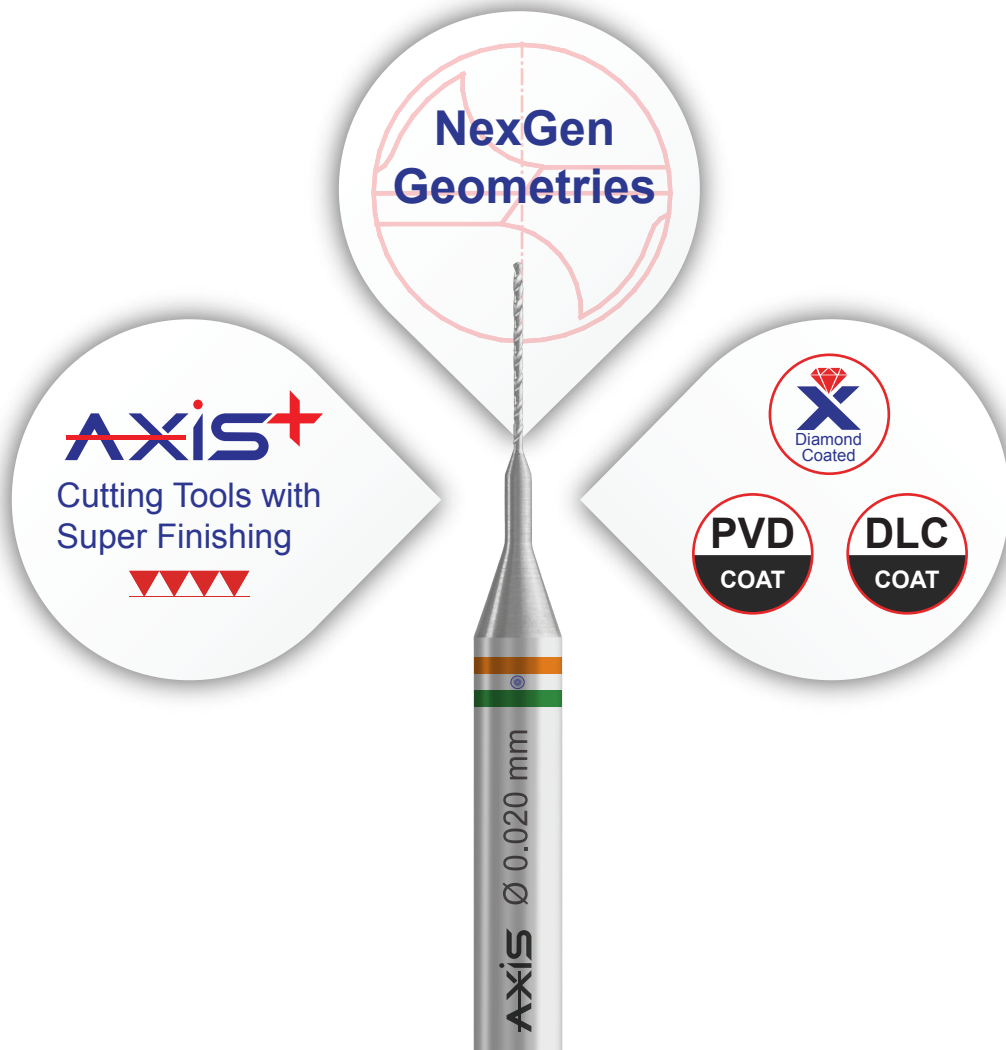


NexGen High Precision Hole Making Tools



**Wide Range
Application Support
Tools for Diverse Materials**

www.axis-microtools.com



Description	Dia Range	Shank Dia	Article	Applications
Standard Flute Length Drills	0.020 - 3.00	3.0	T4861	General applications, cast iron, carbon steel and non ferrous materials
Longer Flute Length Drills	0.030 - 3.00	3.0	T4871	General applications, cast iron, carbon steel and non ferrous materials
Drills for Stainless Steel	0.10 - 3.00	3.0	T4881	Standard range drills with web thinning for low axial forces while drilling stainless steel
Drills for Stainless Steel with Short Flute Length	0.10 - 3.00	3.0	T4841	Standard range drills with web thinning for low axial forces while drilling stainless steel
Drills for Stainless Steel with Longer Flute Length	0.10 - 3.00	3.0	T4851	Standard range drills with web thinning for low axial forces while drilling stainless steel
Drills with 1mm Shank	0.05 - 0.99	1.0	T4761	General applications, cast iron, carbon steel and non ferrous materials
Reinforced Shank Drills	0.020 - 3.00	3.0	T6961	Universal Drilling
Reinforced Shank Drills DIN 1899A	0.030 - 1.49	1.0 / 1.5	T6981	Universal Drilling
High Performance Drills	0.50 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	T2101	Inconel, Nickel alloys and high alloyed steel
INDRILL Coolant Hole	0.80 - 12.00	3.0 / 6.0 / 8.0 10.0 / 12.0	H2101	High speed and high accuracy drilling of steel, Inconel and Nickel Alloy materials
INDRILL Coolant Hole	0.85 - 12.00	3.0 / 4.0 / 6.0	H2131	High speed and high accuracy drilling of Stainless Steel and other hardened materials
INDRILL Three Flutes	0.15 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	T0611	Ferrous and non ferrous materials with higher dimensional accuracy
INDRILL Aluminium	1.00 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	T6401	Aluminium, Plastics
INDRILL CFRP and Graphite	0.50 - 5.95	3.0 / 4.0 / 6.0	T6601	CFK, GFK, Graphite and Plastics with Fillers
Drills for Hardened Steel	0.50 - 16.00	4.00	T7931	Hardened steel application

ALSO AVAILABLE

- Center Drills for Precision Guidance
- Multi Step / Counter Drills
- Left Hand Drills
- Straight Flute Drills
- Special Drills for Exotic Materials

Also available



Standard Drill



INDRILL Aluminium



Webthinned Drill





INDRILL High Performance

Coated tools also available

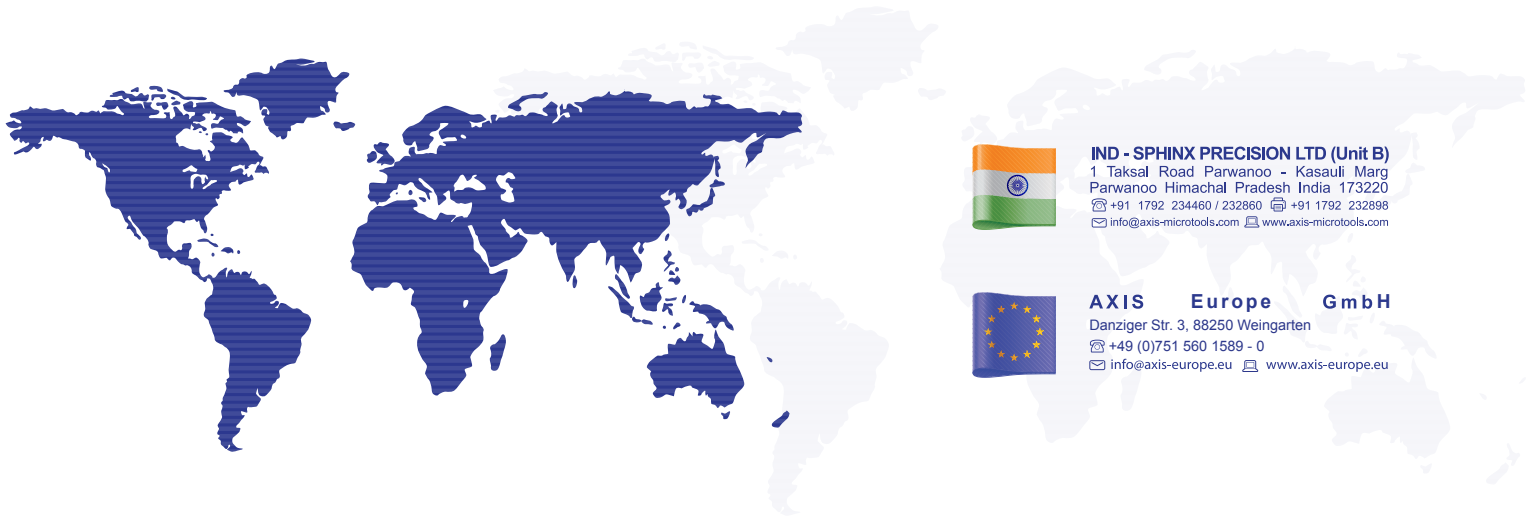
All dimensions are in mm

Diameter upto 20.0 mm on request

Description	Dia Range	Shank Dia	Article	Applications
 Super Long Drills	3.00 - 12.00	3.00/ 4.00/ 6.00 8.00/ 10.00/ 12.00	H3201	Deep hole drilling in ferrous and non ferrous material
Deep Hole Drills	0.50 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	H2201	Suitable for deep hole drilling
Jobber Drills DIN 338 Stub Drills DIN 6539	0.50 - 16.00	Parallel Shank	T8321 T7321	Ferrous and non ferrous materials
Spade Drills	0.30 - 6.00	1.0 / 1.5 / 2.0 3.0 / 4.0 / 6.0	T2001	Spot drilling and very shallow holes in foils, Brass, Titanium, Platinum, Aluminium and Plastics
Half Moon Drills	0.30 - 6.00	1.0 / 1.5 / 2.0 3.0 / 4.0 / 6.0	T9801	Spot drilling and very shallow holes in foils, Brass, Titanium, Platinum, Aluminium and Plastics
Plastic Drills	0.030 - 3.00	3.00	T7391	For drilling in plastic materials
Drills for Writing instruments	0.25 - 1.30	1.00/1.50	T0411 / T0421	Stainless steel, Brass, Ni silver alloys
Drills for Suture needles	0.20 - 1.50	1.00 / 1.50	T6991	Stainless steel SS302 and SS 400 series
Sweep Cut Drills	0.50 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	T5991	Burr free hole exit in ferrous and non-ferrous materials
NC Point Drills 90° / 120° / 142°	0.050 - 6.00	3.0 / 4.0 / 5.0 6.0	T5811 / T5801 T1801	Center drilling for small and micro holes for subsequent precision drilling
 CFRP Special Profile Drills	0.50 - 12.00	6.0 / 8.0 10.0 / 12.0	T4601	CFK, GFK, Graphite and Plastics with Fillers
High Performance Reamer	0.90 - 16.00 Tol. ±0.0015	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	R8011 / R8001 R8041	Ferrous and non-ferrous materials with close hole tolerance
High Performance Reamer with Coolant	0.90 - 16.00 Tol. ±0.0015	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	H8011 / H8001 H8041	Ferrous and non-ferrous materials with close hole tolerance
Reamers	0.90 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	R9031 / R9011 R9001 / R9041	Ferrous and non-ferrous materials
Reamers with Coolant Hole	0.90 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	H9031 / H9011 H9001 / H9041	Ferrous and non-ferrous materials

Special Drills

				
Corner Chamfer Drills	Sweep Cut Drills	Counter Sunk Drills	Step Drills	Half Moon Drill
		Super Finishing Drills		



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