



Tools for mICRO mACHINING

High Precision Tools for CNC CAM - Facture

AXIS+

Cutting Tools with
Super Finishing



PVD
COAT

DLC
COAT



**NexGen
Geometries**



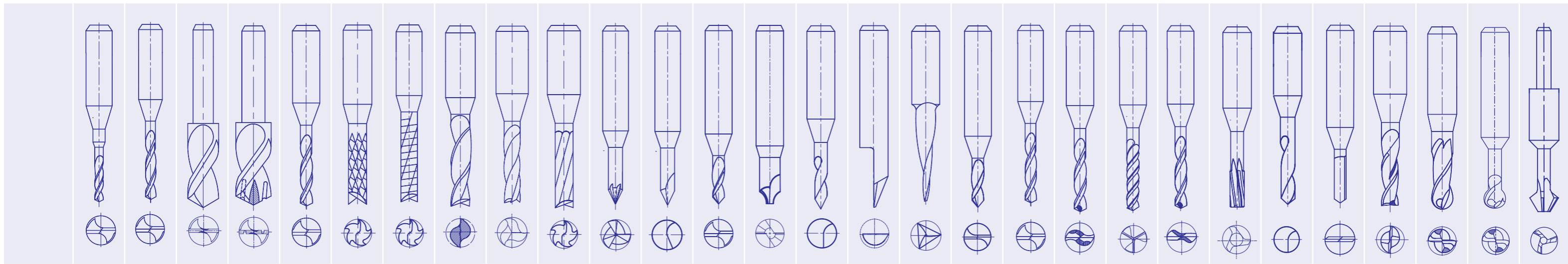
**Wide Range: Micro-Macro
Custom Built Solutions
Tools for Diverse Materials**



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QUALITY • PRECISION • CONSISTENCY

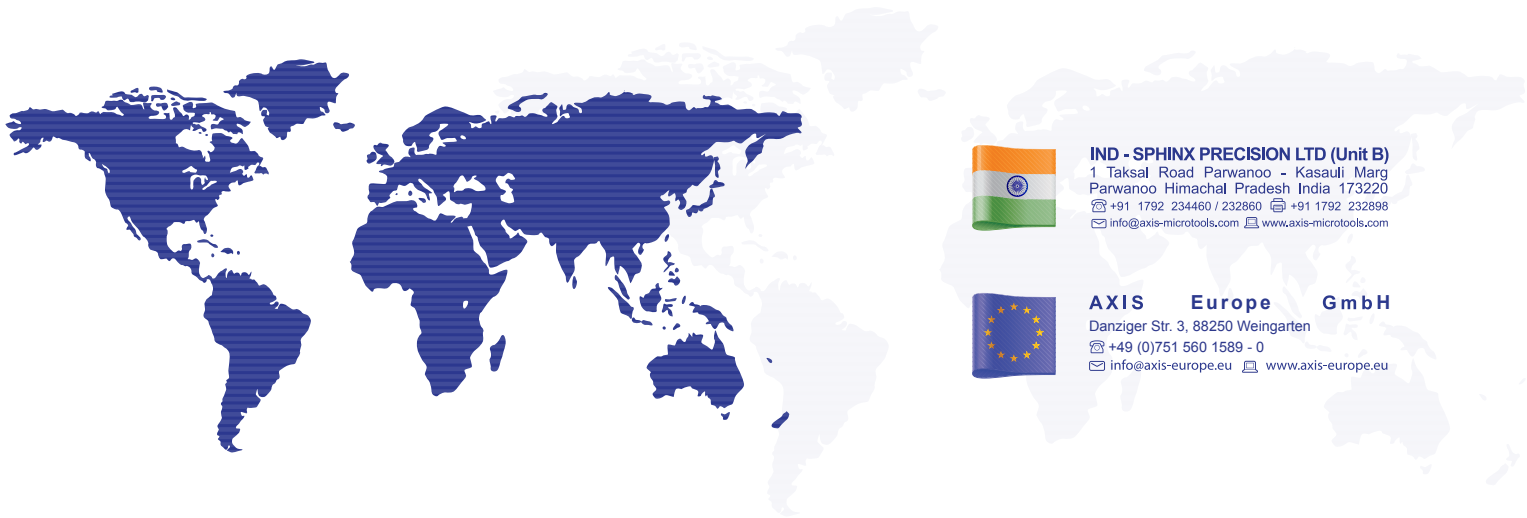
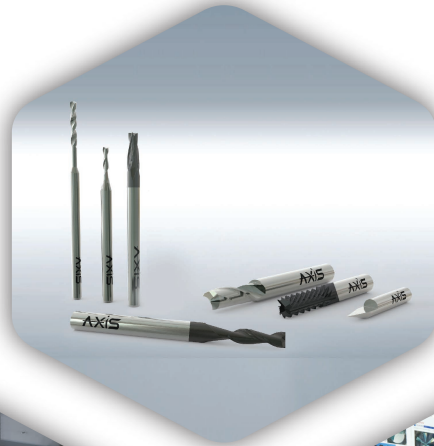


	PCB Micro Drills	PCB Standard Drills	PCB Inverse Drills	PCB Inverse Drills with CB	PCB Test Fixture Drills	PCB Diamond cut Router	PCB Chip Breaker Router	PCB 2F Router	PCB 3F Router	PCB Finish Router	Chamfering Cutters	1F Helical Chamfering Cutters	Isolation path Cutters	Inner Radius Cutters	PCB V-Score Router Helical	Engraver	Spyra mill	NC Point Drill	INDrill Universal	INDrill Aluminium	INDrill 3Flute	INDrill CFRP	Micro Reamer	Gun drill	Spade Drills	Square Endmills	Ballnose Endmills	Lollipop Cutter	Double Chamfer cutter	
Article	D8402	D8352	D8352	D5322	D8351	P6601	P7261	P8261	P4361	P3701	C6761	C6771	G8441/ G8431/ G8421	E9611	G8451	G8471	G8011	T1421/ T5801/ T5811	T6961	T6401	T0611	T6601	R9021	T5001	T2001	E9661	B9701	B9901	F4311	
Dia Range	0,05 - 0,19	0,20 - 3,00	3,20 - 6,50	3,20 - 6,50	0,7 - 3,00	0,8 - 2,50	0,4 - 3,00	0,6 - 3,00	0,6 - 2,50	2,0 - 3,0	2,0 - 3,0	0,75 / 1,60	0,75 / 1,60	R0,10- R1,00	2,00/2,40/ 3,00	0,5 - 3,00	3,00	0,05 - 3,00	0,02 - 3,00	0,50 - 3,00	0,50 - 3,00	0,80 - 3,00	0,10 - 0,7	0,1 - 2,0	0,10 - 3,00	0,10 - 3,00	0,20 - 3,00	1,00 - 3,00	1,00 - 3,00	
Shank Dia	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	4,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	4,00 / 6,00	4,00
Overall Length	38	38	38	38	38	38	38	38	38	38	38	38	38	45	38	38	38	38	38	38/50	38/50	38	38	38	38	38	38	50 / 60	50,00	
Other Parameters				90°							30° / 45° / 60° / 90° / 120°	30° / 45° / 60° / 90° / 120°	30° / 60° / 90°		30° / 45° / 60° / 90° / 120°	30° / 45° / 60° / 90°	6° / 8° / 10° / 12° / 15°	90° / 120° / 142°		Polished Finish		90°						Usable cutting Area 300°	Chamfer 90°	

FR4	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	⊙	⊗	⊙	○	○	○	⊗	○	⊗	○	○	○	⊗	⊗
Copper	⊙	⊙	○	○	⊙	⊗	⊗	⊙	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙	○	⊙	○	⊙	○	○	⊙	⊙	○	○	○	⊙	⊙
Aluminium	○	○	○	○	○	⊗	⊗	⊙	○	⊙	○	⊙	⊗	⊙	⊙	⊙	○	⊙	○	⊙	⊙	○	⊙	⊙	○	○	○	⊙	⊙
Plastic	⊙	⊙	○	⊙	⊙	⊗	⊗	⊙	○	⊙	○	⊙	⊗	○	⊙	○	⊙	⊙	○	⊙	○	⊙	○	⊗	○	○	○	⊙	⊙
Acrylic	⊙	⊙	○	⊙	⊙	⊗	⊗	⊙	○	⊙	○	⊙	⊗	○	⊙	○	⊙	⊙	○	⊙	○	○	○	⊗	○	○	○	⊙	⊙
Brass	○	○	○	⊗	○	⊗	⊗	⊙	○	⊙	⊙	○	⊗	⊙	○	⊙	○	⊙	○	○	○	○	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Steel	○	○	⊗	⊗	○	⊗	⊗	⊗	⊗	○	⊙	○	⊗	○	⊗	⊙	⊗	⊙	⊙	○	○	○	⊗	⊙	○	○	⊙	⊙	⊙
Stainless Steel	○	○	⊗	⊗	○	⊗	⊗	⊗	⊗	○	⊙	⊗	⊗	○	⊗	○	⊗	⊙	⊙	⊗	○	⊗	⊙	○	⊗	⊙	⊙	⊙	⊙
CFRP	○	○	⊗	⊗	○	⊙	⊙	⊙	○	○	⊙	⊗	⊗	⊗	⊗	⊗	⊗	⊙	○	○	⊗	⊙	○	⊗	⊗	○	⊗	○	○
Wood	○	○	○	○	○	⊙	⊙	⊙	○	⊙	⊙	⊗	⊗	○	○	○	○	⊙	○	○	⊙	⊙	⊙	○	○	⊙	⊙	○	○
Wax	○	○	○	⊗	○	⊗	⊗	○	○	○	○	○	⊙	○	⊙	○	⊙	⊙	○	○	○	⊙	○	⊗	○	○	○	○	○

Legends Perfect ⊙ Partly ○ No ⊗





IND - SPHINX PRECISION LTD (Unit B)
1 Taksal Road Parwanoo - Kasauli Marg
Parwanoo Himachal Pradesh India 173220
☎ +91 1792 234460 / 232860 ☎ +91 1792 232898
✉ info@axis-microtools.com 🌐 www.axis-microtools.com



AXIS Europe GmbH
Danziger Str. 3, 88250 Weingarten
☎ +49 (0)751 560 1589 - 0
✉ info@axis-europe.eu 🌐 www.axis-europe.eu

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