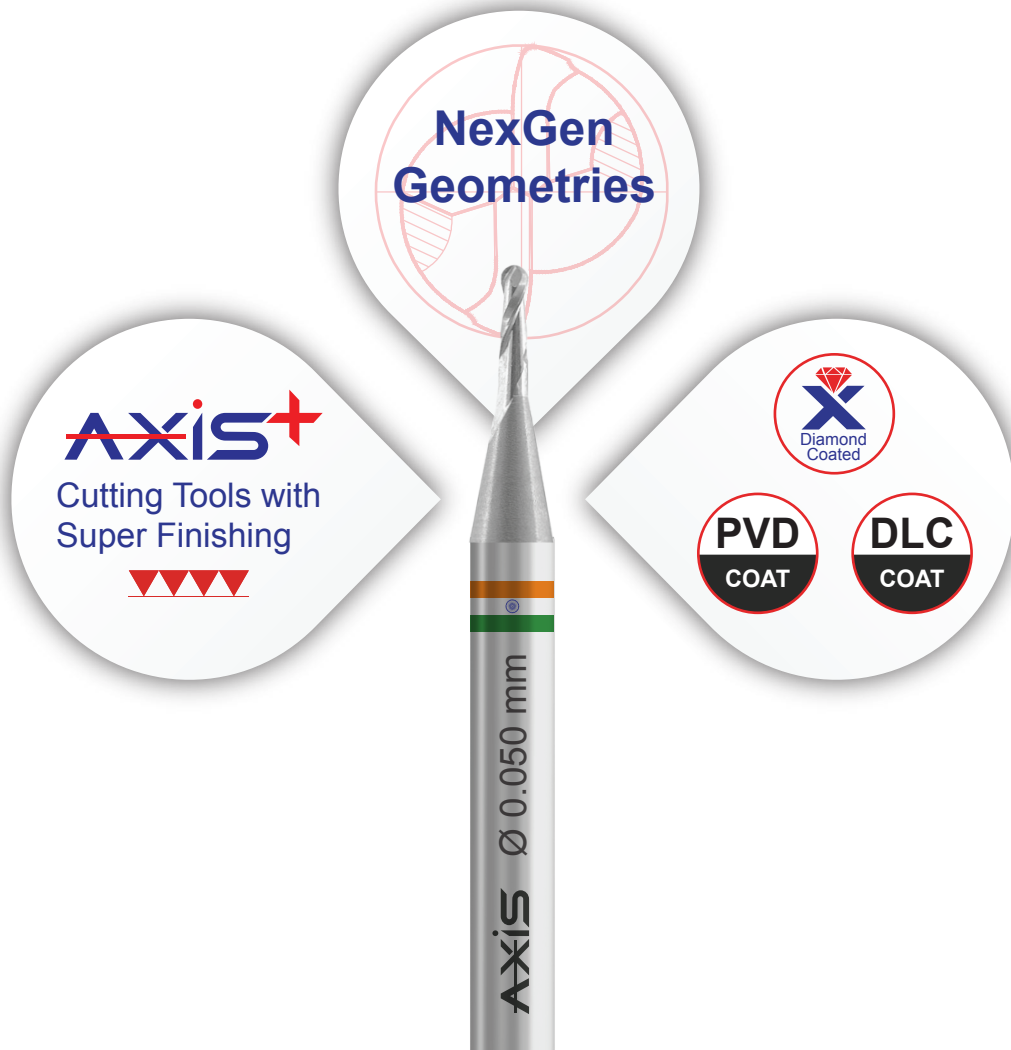


NexGen High Precision Milling Tools



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

www.axis-microtools.com



Description	Flutes(Z)	Dia Range	Shank Dia	Article	Applications
High Performance End Mills	1	0.10 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9231	End Mills for finish machining of plastic and non-ferrous materials
High Performance End Mills (Polished Flute)	1	0.10 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E8231	End Mills for finish machining of plastic and non-ferrous materials
High Performance End Mills	1	0.10 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9211 (LHRC) E9221 (RHLC)	End Mills for finish machining of plastic and non-ferrous materials
High Performance End Mills (Flat Point)	1	0.10 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9241 (RHRC)	End Mills for finish machining of plastic and non-ferrous materials
End Mills Ferrous Materials	2	0.10 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9661	End Mills for slotting, side milling and surface milling in ferrous alloys
End Mills Non-Ferrous Materials	2	0.10 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E8311	End Mills for slotting, side milling and surface milling in non-ferrous alloys
End Mills Corner Radius	2	0.80 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E8361 E9301	Milling in ferrous and non-ferrous materials Milling in hardened steel > 50 HRC
End Mills Corner radius Long Approach	2	0.80 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9311	Milling in hardened steel > 50 HRC
End Mills Long Approach	2	0.80 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E8331	Milling in ferrous and non-ferrous materials
End Mill Aluminium Application	2	0.40 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E8381	End Mills for slotting, side milling and surface milling in Aluminium Also available in long approach
Taper Square End Mills	2	0.20 - 16.00	4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9501	End Mills for slotting and side milling ferrous and non-ferrous materials
 End Mill Long Approach	2	0.40 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E2151	End Mills for milling in Graphite
End Mills	3	1.00 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9681	End Mills for slotting, side milling and surface milling in ferrous and non-ferrous materials
End Mills Long Approach	3	0.40 - 16.00	4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E1381	High performance, heavy machining with better chip removal in Aluminum
 End Mill Long Approach	3	0.40 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E2171	End Mills for milling in Graphite
End Mills	4	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9671	End Mills for slotting, side milling and surface milling in ferrous and non-ferrous materials
End Mills Corner Radius	4	0.80 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9371 E9331	Milling in ferrous and non-ferrous materials Milling in hardened steel > 50 HRC
End Mills Corner radius Long Approach	4	0.80 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9321	Milling in hardened steel > 50 HRC

ALSO AVAILABLE

- Square End Mills with Staggered Teeth
- Square End Mills with Variable Helix
- Square End Mills with Coolant Holes
- Square End Mills with Steps

Corner Radius
±0.005
On Request



Corner Radius Tol.
±0.010 for R 0.10 - R 1.00
±0.020 for R > 1.00

Coated tools also available

All dimensions are in mm

Diameter upto 20.0 mm on request



Description	Flutes(Z)	Dia Range	Shank Dia	Article	Applications
Variable Helix End Mills	4	1.00 - 12.00	4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E3211	Titanium, Aluminium, all Steels and general purpose materials other than soft materials
Taper Square End Mills	4	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	E9511	End Mills for taper slotting & other milling work in ferrous and non-ferrous materials
High Performance Ball Nose End Mills	2	0.20 - 6.00	4.0 / 6.0	B8701	Ball Nose for finish contour milling of ferrous and non-ferrous materials
Ball Nose End Mills	2	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9701	Ball Nose for contour milling of ferrous and non-ferrous materials
High Performance Ball Nose End Mills Long Approach	2	0.20 - 6.00	4.0 / 6.0	B8751	Ball Nose for finish contour milling in ferrous and non-ferrous materials
Ball Nose End Mills Long Approach	2	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9751	Ball Nose for contour milling of ferrous and non-ferrous materials
Ball Nose End Mills Aluminium	2	1.00 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	B8381	Ball Nose for contour milling in Aluminium application
Ball Nose End Mills Long Approach	2	0.20 - 6.00	3.0 / 4.0 / 6.0	B9791	Ball Nose for contour milling of ferrous and non-ferrous materials
Ball Nose End Mills Copper Electrodes	2	0.20 - 2.00	6.0	B9831	Ball nose for copper and copper alloys
Ball Nose End Mills	3	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9731	Ball Nose for contour milling of ferrous and non-ferrous materials
Ball Nose End Mills Long Approach	3	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B1731	Ball Nose for contour milling of ferrous and non-ferrous materials
 Ball Nose End Mills Long Approach	2	0.20 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	B2001	Ball Nose for milling in Graphite, CFK, GFK
 Ball Nose End Mills Long Approach	3	0.20 - 12.00	3.0 / 4.0 / 6.0 8.0 / 10.0 / 12.0	B2011	Ball Nose for milling in Graphite, CFK, GFK
Ball Nose End Mills	4	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9721	Ball Nose for contour milling of ferrous and non-ferrous materials
Ball Nose End Mills Long Approach	4	0.20 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9741	Ball Nose for contour milling of ferrous and non-ferrous materials
Taper Ball Nose End Mills	2	0.60 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9531	Ball Nose for contour milling of ferrous and non-ferrous materials
Taper Ball Nose End Mills	4	0.60 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9521	Ball Nose for contour milling of ferrous and non-ferrous materials
Lollipop Cutter 270° Spherical Ball	2 4	0.50 - 16.00	3.0 / 4.0 / 6.0 / 8.0 10.0 / 12.0 / 16.0	B9901 B1721	For milling in ferrous and non ferrous alloys Suitable for undercutting, deburring, and multi axis machining

ALSO AVAILABLE

- Ball Nose End Mills with Staggered teeth
- Ball Nose End Mills with Variable Helix
- Single Flute Ball Nose End Mills

Ball Line Form
±0.001
On Request



Ball Radius Tol.
±0.002 for R 0.10-R 1.50
±0.005 for R 2.00-R 8.00
On demand ± 0.0015mm

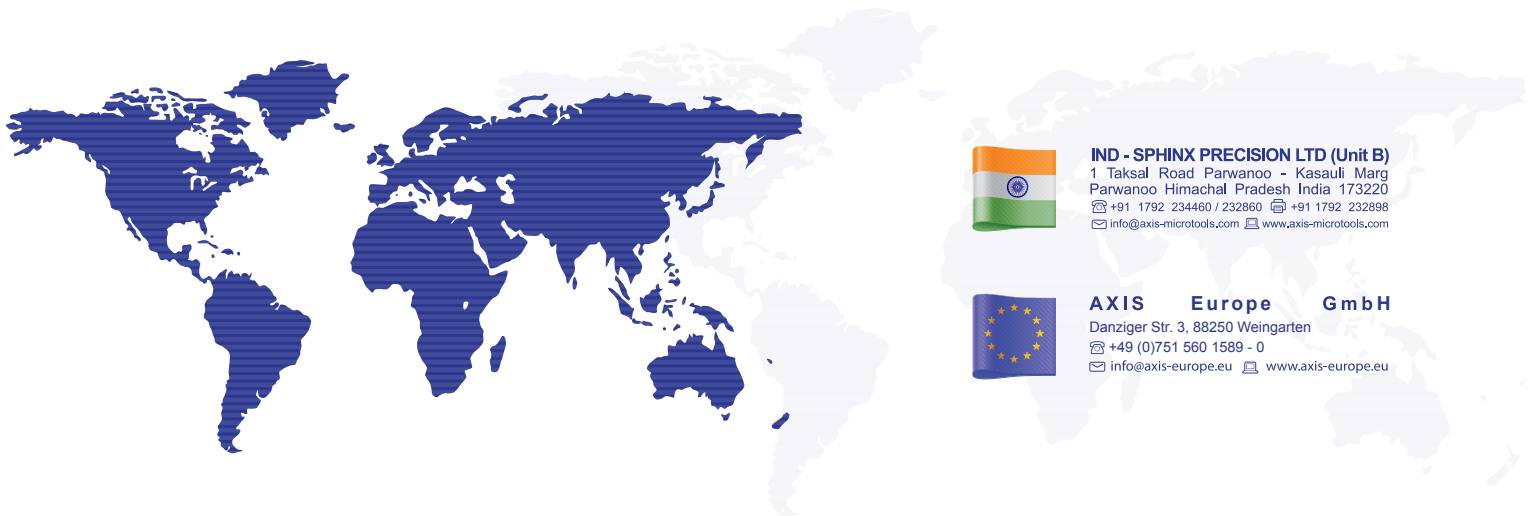
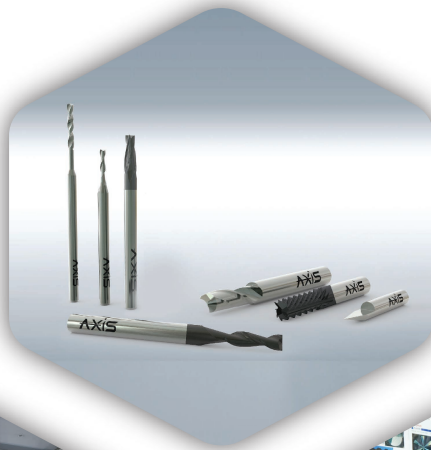


Super Finishing Endmills



QUALITY • PRECISION • CONSISTENCY

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