SPMX chamfering

ZANHO Cutting Tools



Feature

ZANHO **SPMX series**: Single-sided **square 4-edge** insert with a **pre-formed 45° angle** for precision chamfering and deburring. Eliminates the need for complex programming by delivering an

instant C-angle in one pass. Optimized for hole edges, outer contours, and spot chamfering in steel, stainless steel, and cast iron components.

Descriptions

Technical Advantages

- **45° Pre-Formed Geometry:** Features a built-in 45° cutting angle to produce precise C-chamfers in a single pass, eliminating the need for specialized chamfer programming or grinding.
- **4-Edge Indexable Economy:** Square geometry provides 4 effective cutting edges per insert, significantly reducing tool cost per part compared to traditional chamfer drills.
- **Concave Chip Evacuation:** Optimized rake cavity specifically handles short chamfering chips, ensuring they are guided away to prevent workpiece scratching or chip packing.
- **Reinforced Negative Land:** Honed cutting edge treatment provides high resistance against chipping and breakdown, even in interrupted deburring of hard materials.
- **Versatile Chamfering:** Ideal for outer contours, screw/pin hole C-angles, and spot chamfering on dedicated chamfering machines or CNC centers.

Technical Specifications (mm)

Model Type	Length (L)	I.C (øI.C)	Thickness (S)	Hole (D1)	Radius (RE)
SPMX050204	5	5	2.38	2.25	0.4
SPMX060204	6	6	2.38	2.61	0.4
SPMX07T308	7	7	3.97	2.85	0.8
SPMX090408	9	9	4.3	4.05	0.8
SPMX110408	11	11	4.8	4.45	0.8
SPMX140512	14	14	5.2	5.75	1.2



Instant 45° Chamfering Performance

ZANHO SPMX series replaces traditional deburring tools with high-speed CNC reliability. Contact us for bulk B2B inquiry and holder compatibility.