

R390-17-PM

ZANHO Cutting Tools



R390-17-PM

—— Milling Inserts ——

Interchangeable with Sandvik

Feature

ZANHO R390 170408M-PM is a high-capacity **17mm square shoulder insert** engineered for **heavy-duty milling**. Featuring a robust **PM chipbreaker**, it excels in medium-depth semi-finishing

to light roughing by balancing edge toughness with low spindle load. Its integrated **1.6mm wide wiper (Bs)** guarantees high-precision wall and floor finishes even at increased feed rates.

Descriptions

Key Technical Advantages

- **Large-Scale Milling Capacity:** The 17mm edge length allows for significantly higher depths of cut (Ap), drastically increasing metal removal rates in heavy machinery and mold bases.
- **PM Universal Chipbreaker:** Optimized medium rake geometry provides stable chip curling and evacuation across a wide range of medium-duty cutting conditions.
- **1.6mm Integrated Wiper:** Features a specialized wide wiper edge (Bs) that maintains excellent surface integrity even during aggressive feed per tooth settings.
- **Enhanced Edge Security:** Balanced edge strength prevents chipping during interrupted cuts or when machining through casting skin and scale.
- **Versatile Milling Forms:** Supports 90° square shoulder milling, face milling, helical ramping, and complex 3D profiling with a single insert type.

Insert Dimensional Specifications (mm)

Model	L (Length)	W (Width)	H (Total Height)	d (Hole Dia)	R (Radius)	Bs (Wiper)
R390 170408M-PM	17.84	9.7	16.0	4.2	0.8	1.6

Maximize Your Machining Throughput

ZANHO R390-1704 inserts are built for the toughest milling tasks. Contact us for bulk B2B inventory and material-specific coating recommendations.