SOMT-GM

ZANHO Cutting Tools



SOMT-GM

Milling Inserts

Interchangeable with Kyocera

Feature

ZANHO **SOMT-GM** series is a specialized high-feed milling solution compatible with **MFH cutters**. Designed for universal roughing in Steel, Stainless Steel, Cast Iron, and High-Temp Alloys, these

inserts feature a **low-resistance GM chipbreaker** that minimizes spindle load. This makes them ideal for low-power machines and long-overhang setups. With **4 economic cutting edges** and optimized chip pockets, the SOMT-GM delivers stable chip evacuation and high productivity in face milling, pocketing, plunging, and helical interpolation.

Descriptions

Key Technical Advantages

- **Universal High-Feed Performance:** Specifically developed for high-feed roughing in Steel, Stainless Steel, Cast Iron, and Super Alloys, matching MFH series requirements.
- **Low-Resistance GM Geometry:** Reduces cutting load and vibrations, ensuring stable performance even on standard rigidity machines and large overhang tools.
- **Multi-Process Versatility:** Fully supports diverse milling operations including face milling, pocket milling, plunging, and helical interpolation for complex cavities.
- **Optimized Edge Strength:** Balances sharpness and edge toughness to excel in both continuous and light-interrupted roughing conditions.
- **High-Utilization 4-Edge Design:** Offers four usable cutting corners per insert, providing significant cost savings and stable chip fragmenting at high feed rates.

Dimensional Specifications (mm)

Model	I.C (mm)	S (Thickness)	RE (Radius)	D1 (Hole Dia)	Compatible Tool
SOMT100420ER-GM	10.0	4.0	2.0	4.4	MFH Series
SOMT140520ER-GM	14.0	5.0	2.0	5.6	MFH Series

Maximize Your Machining Efficiency

ZANHO SOMT-GM inserts provide high-feed roughing performance you can rely on. Contact us for technical grade support and bulk B2B inquiry.