880-P-GM

Product Images

Summary

ZANHO 880-P-GM series is a high-performance **peripheral indexable drill insert** engineered for the outer edge position of multi-edge drills. Featuring an **integrated wiper structure**, it ensures

exceptional hole tolerance and surface integrity even at low-to-medium feed rates. Optimized for machines with lower power or long tool overhangs, its light-cutting geometry effectively suppresses vibration while providing stable chip control across **diverse materials** including steel, stainless steel, and tough alloys.

Content

Key Performance & Features

- **Wiper Technology Integration:** Features a specialized wiper edge that smooths the hole wall during drilling, delivering superior surface finish and tighter dimensional tolerances.
- **Vibration Suppression:** Specifically designed to reduce the cutting load on the peripheral edge, making it the ideal choice for setups with limited machine rigidity or large tool overhangs.
- **Universal Chip Control:** The GM chipbreaker geometry is optimized to fragment chips into short segments across multiple material groups, preventing long ribbons from scratching the finished hole.
- **Balanced Cutting Action:** Bridges the gap between edge strength and sharpness, providing stable, long-lasting performance in continuous CNC production.
- **Broad Application Range:** One insert solution for Carbon Steel, Stainless Steel, Cast Iron, High-Temperature Alloys, and Hardened Steel.

Dimensional Specifications

Model	IC (mm)	S (mm)	RE (mm)
880-0202W04H-P-GM	5.1	2.4	0.4
880-0303W05H-P-GM	6.0	2.6	0.5
880-0403W05H-P-GM	7.2	3.1	0.5
880-0503W05H-P-GM	8.7	3.6	0.5
880-0604W06H-P-GM	10.8	4.2	0.6
880-0704W06H-P-GM	12.4	4.6	0.6

Model	IC (mm)	S (mm)	RE (mm)
880-0805W08H-P-GM	15.0	5.1	0.8
880-0906W08H-P-GM	18.8	5.5	0.8

Pairing Peripheral with Center Inserts?

ZANHO 880-P peripheral inserts must be paired with 880-C central inserts for balanced cutting forces. Contact us for technical grade selection and bulk B2B inquiry.