

880-C-GR

ZANHO Cutting Tools



880-C-GR

— Drilling Inserts —

Feature

ZANHO 880-C-GR series is a heavy-duty **central indexable drill insert** designed for high-efficiency **rough drilling** at medium to high feed rates. Specifically optimized for **alloy steel and**

cast iron, the **GR chipbreaker** features a reinforced cutting edge and larger corner radius to withstand extreme cutting loads and resist plastic deformation. Designed for rigid machine environments, it ensures reliable centering and maximum productivity in stable industrial drilling applications. Best paired with P-GR peripheral inserts.

Descriptions

Key Performance & Features

- **Roughing Excellence:** Engineered specifically for medium to high feed rates in stable conditions, meeting the high-load demands of industrial rough drilling.
- **Reinforced GR Geometry:** Features a high-strength cutting edge and an enlarged corner radius to resist abrasive wear and prevent plastic deformation under heavy pressure.
- **Material Versatility:** Optimized for alloy steel and cast iron, while remaining effective for carbon steel applications where productivity is priority.
- **Stable Centering:** As a dedicated center insert (C-type), it provides the essential centering force required to maintain hole straightness at aggressive feed rates.
- **High Rigidity Requirements:** Designed for machines with ample power and rigid setups to handle higher cutting forces compared to GM or LM geometries.

Dimensional Specifications

Model	IC (mm)	S (mm)	RE (mm)
880-010203H-C-GR	4.3	2.0	0.3
880-030305H-C-GR	5.7	2.6	0.5
880-040305H-C-GR	7.0	3.1	0.5
880-050305H-C-GR	8.4	3.6	0.5
880-060406H-C-GR	10.65	4.2	0.6
880-070406H-C-GR	12.2	4.6	0.6
880-080508H-C-GR	14.8	5.1	0.8

Model	IC (mm)	S (mm)	RE (mm)
880-090608H-C-GR	18.6	5.5	0.8

High-Load Roughing Solution

ZANHO GR series is built for extreme efficiency in rigid environments. Pair with P-GR peripheral inserts for maximum results. Contact us for bulk B2B pricing and technical compatibility.