

# RBEX-M

## ZANHO Cutting Tools



## RBEX-M

—— Milling Inserts ——

Interchangeable with Duracarb

## Feature

ZANHO **RBET/RBEX-M series** is a high-performance **triangular ball nose** insert for mold profiling and surface roughing. Featuring the **M chipbreaker** and 3 effective cutting edges, it delivers light

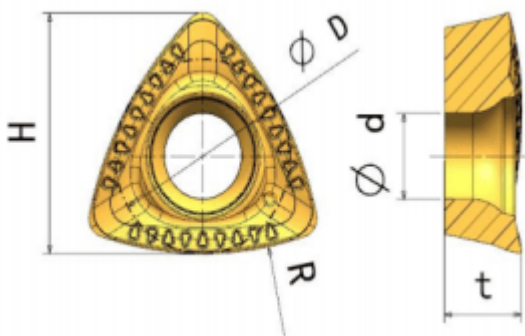
cutting action with superior impact resistance. Optimized for **low-vibration** machining in deep cavities, it features a reinforced center hole for maximum process security.

## Descriptions

### Core Advantages

- **3-Edge Economic Value:** Single-sided triangular design provides three precision cutting edges, maximizing tool life and reducing costs per edge.
- **Segmented M Chipbreaker:** Triangular flow ribs along the edge break long chips into segments, significantly improving evacuation and reducing heat.
- **Ball Nose Profiling:** Specifically engineered for mold cavity profiling and complex 3D surface roughing with high stability.
- **High Positive Rake:** Large positive geometry lowers cutting force and spindle load, effectively suppressing vibration in deep cavity work.
- **Reinforced Structure:** Thickened center hole area resists extreme clamping pressure and impact loads during heavy-duty roughing.

### Technical Specifications (mm)



| Model     | Diameter (D) | Thickness (t) | Radius (R) | Height (H) | Hole (d) |
|-----------|--------------|---------------|------------|------------|----------|
| RBET 30-M | 10.5         | 4.76          | 15         | 12.61      | 4.5      |
| RBEX 40-M | 12.7         | 5.56          | 20         | 15.46      | 5.6      |
| RBEX 50-M | 12.7         | 5.56          | 25         | 15.69      | 5.6      |

Master Mold Profiling with RBEX-M Stability

ZANHO RBEX series delivers process security for complex 3D surfaces. Contact us for bulk inquiry and technical support.