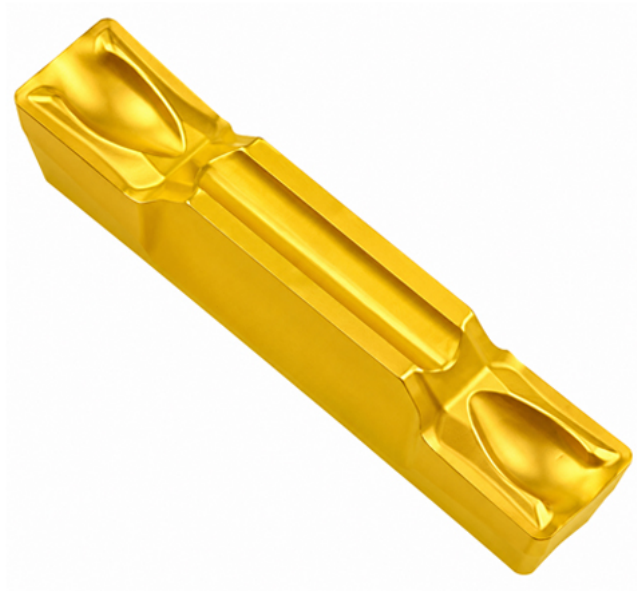


TDXU

ZANHO Cutting Tools



TDXU

—— carbide Inserts ——

Feature

ZANHO **TDXU series**: High-versatility **double-ended inserts** designed for external, internal, and face grooving, as well as **longitudinal turning within grooves**. The **E-type multi-functional**

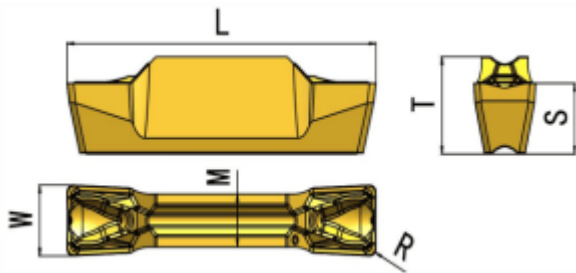
chipbreaker balances low cutting resistance with excellent chip control for parting and profiling. Reinforced cutting edges provide superior stability under **interrupted and unstable** cutting conditions.

Descriptions

Technical Advantages

- **Multi-Functional 5-in-1:** One insert type covers external grooving, internal grooving, face grooving, parting-off, and profiling/turning, significantly reducing tool inventory.
- **Double-Ended Economy:** Symmetrical geometry allows both ends to be utilized, providing a high cost-to-performance ratio and doubling tool life.
- **E-Type Chipbreaker:** Advanced multi-functional chip control geometry that handles the varying requirements of deep grooving, parting, and longitudinal profiling.
- **Honed Edge Stability:** Precision-honed and reinforced cutting edges provide extreme reliability during interrupted cuts or unstable machining environments.
- **Low Cutting Resistance:** Engineered geometry minimizes spindle load and prevents vibration, ensuring high-quality surface finishes in grooving and turning.

Technical Specifications (mm)



Model Type	Width (W±0.05)	M	Length (L)	Radius (R)	t	S
TDXU 2E-0.3	2.0	1.7	20.0	0.3	5.0	3.75
TDXU 3E-0.3	3.0	2.25	20.0	0.3	5.25	3.75
TDXU 4E-0.4	4.0	3.0	20.0	0.4	5.5	4.0
TDXU 5E-0.4	5.0	4.0	20.0	0.4	6.25	4.75

One Solution for Complex Grooving & Turning

ZANHO TDXU series maximizes efficiency in multi-functional CNC operations. Contact us for bulk B2B inquiry and tool holder compatibility.