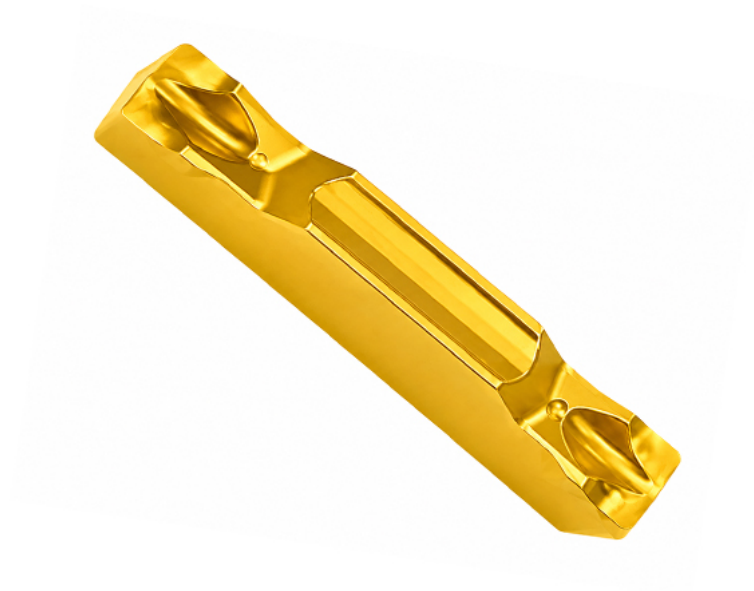


TDJ

ZANHO Cutting Tools



TDJ

—— carbide Inserts ——

Feature

ZANHO **TDJ series**: High-efficiency **flat head inserts** for parting, external grooving, and face grooving. Specially designed for **thin-walled parts** and **small-diameter pipes**, the J-type

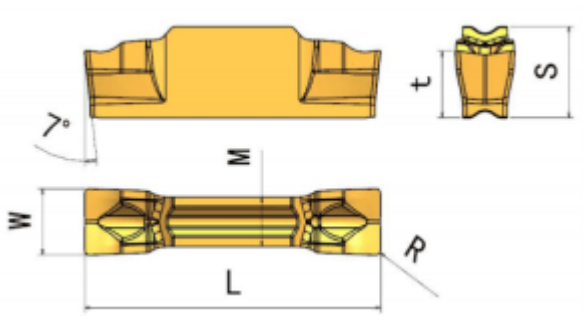
chipbreaker reduces cutting forces and suppresses vibration. The double-ended design maximizes tool utilization while ensuring a **perfectly flat surface** after parting.

Descriptions

Technical Advantages

- **Double-Ended Economy:** Symmetrical cutting edges usable at both ends for maximum tool life and reduced cost-per-part.
- **J-Type Chipbreaker:** Optimized curved geometry constrains chip curling, effectively preventing chip wrapping and reducing burrs at the parting point.
- **Flat Head Precision:** Engineered to ensure a flat, smooth surface after parting, eliminating the need for secondary finishing operations.
- **Low Vibration Design:** Reduced cutting resistance specifically suited for unstable or thin-walled workpieces and small-diameter pipe machining.
- **Multifunctional Performance:** High stability across external, face, and internal grooving in various steel and cast iron materials.

Technical Specifications (mm)



Model Type	Width (W±0.05)	M	Length (L)	Radius (R)	t	S
TDJ 2	2.0	1.7	20.0	0.2	3.9	5.2
TDJ 3	3.0	2.4	20.0	0.3	4.0	5.48
TDJ 4	4.0	3.0	20.0	0.3	4.06	5.5
TDJ 5	5.0	4.0	25.0	0.3	4.95	6.35

Model Type	Width (W±0.05)	M	Length (L)	Radius (R)	t	S
TDJ 6	6.0	5.0	25.0	0.3	-	-

Min Processing Diameter (mm)

Internal Grooving Min Ø

TDJ 2: 40mm | TDJ 3/4: 50mm | TDJ 5/6: 60mm

Face Grooving Min Ø

TDJ 3: 54mm | TDJ 4: 34mm | TDJ 5: 49mm | TDJ 6: 46mm

Stable Precision for High-Quality Parting

ZANHO TDJ series is the optimal choice for precision slotting and parting tasks. Contact us for bulk B2B pricing and tool holder compatibility.