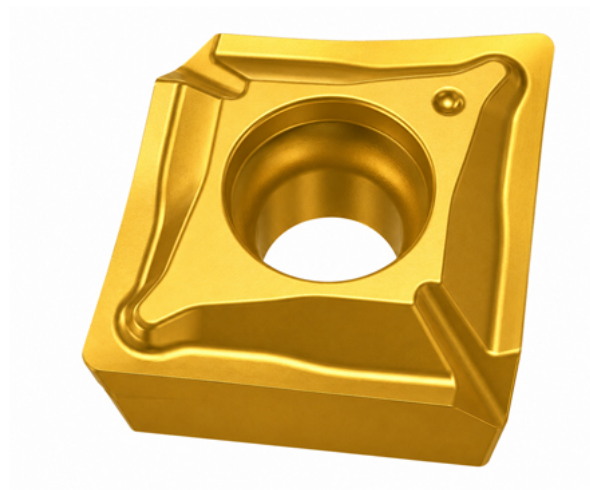


XCMT-TC

ZANHO Cutting Tools



XCMT-TC

—— Drilling Inserts ——

Feature

ZANHO XCMT-TC series is a high-versatility **single-edge multi-functional insert** designed to streamline your CNC operations. A single tool can perform **drilling, boring, OD turning, and**

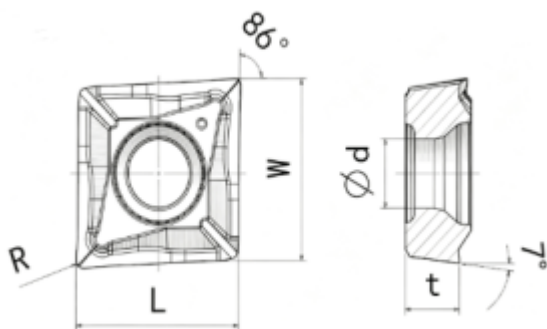
facing, significantly reducing tool change frequency. Featuring a large positive rake **TC chipbreaker**, it minimizes cutting resistance and vibration in small-diameter applications. Engineered for carbon steel, alloy steel, and cast iron, it is the ultimate solution for complex part machining with internal coolant support.

Descriptions

Key Performance & Features

- **All-in-One Versatility:** Specifically developed for multi-tasking tools, capable of completing drilling, boring, external turning, and facing with a single insert.
- **Low Cutting Force Geometry:** The large positive rake angle minimizes cutting resistance, making it ideal for small-diameter machining and reducing the tendency for vibration.
- **TC Chipbreaker Design:** Optimized cavity surfaces ensure stable chip curling and fragmentation during both drilling and boring, facilitating smooth internal coolant chip evacuation.
- **Directional Flexibility:** Available in both Right-hand (R) and Left-hand (L) versions to accommodate various tool paths and CNC machining directions.
- **High Productivity:** Two effective cutting edges per insert combined with multi-functional use drastically lowers your tooling costs and setup times.

Dimensional Specifications



Model	W (mm)	L (mm)	t (mm)	R (mm)	d (mm)
XCMT 040104 R/L	4.4	6.4	1.70	0.4	2.1
XCMT 060204	6.4	6.4	2.38	0.4	2.61

Model	W (mm)	L (mm)	t (mm)	R (mm)	d (mm)
XCMT 080304	8.4	8.4	3.18	0.4	3.3
XCMT 10T304/08	10.5	10.5	3.97	0.4/0.8	4.0
XCMT 130404/08	13.4	13.4	4.76	0.4/0.8	5.2
XCMT 170508	17.4	17.4	5.56	0.8	5.2

Streamline Your Machining with XCMT-TC

ZANHO technical experts can recommend the best CVD/PVD coatings for your specific material group. Inquire today for system compatibility and wholesale B2B pricing.