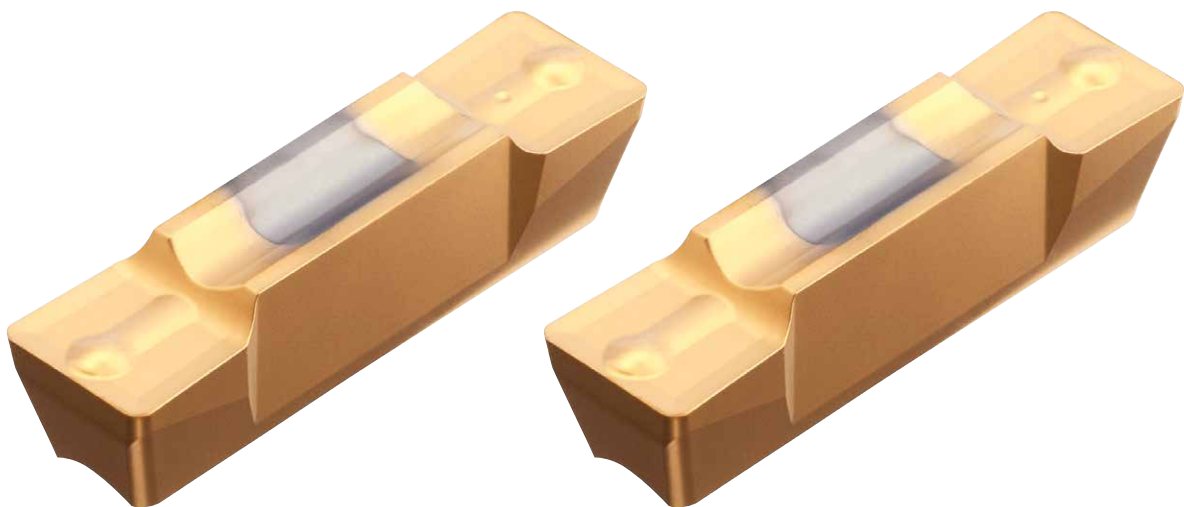


# NEW PRODUCT NEWS

**T-CLAMP**  
ULTRA PLUS



## New T-CLAMP Multiple Application Pressed-To-Size TDXT Insert



## New T-CLAMP multiple application pressed-to-size TDXT insert

### FEATURES

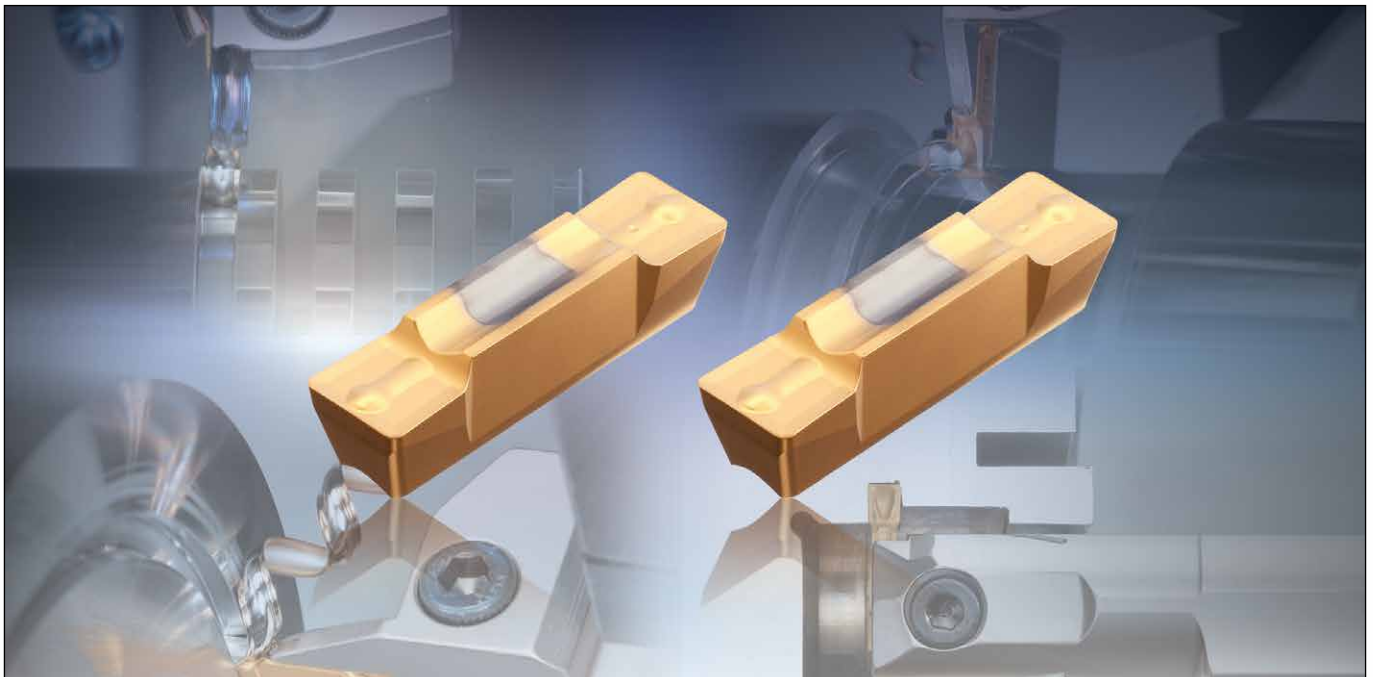
- **Multiple application insert**  
(Face turning/face grooving, External turning/grooving, Internal turning/grooving)
- **Pressed-to-size insert replaces ground TDT, TDFT and TDIT**
- **TDXT insert exchangeable with the current standard holder**

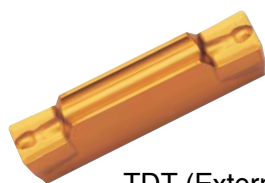
TaeguTec has released a new pressed-to-size designed, multiple machining range T-CLAMP product, the TDXT insert.

The new T-CLAMP TDXT insert covers a range of 3 applications currently offered by the ground TDT, TDFT and TDIT range of inserts with their pressed-to-size advantage; the TDT insert for external turning/grooving, the TDFT insert type for face turning/face grooving and the TDIT for internal turning/grooving.

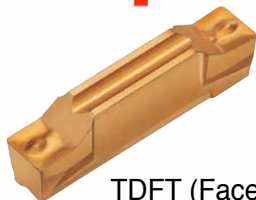
The advantage of the multi-functional TDXT insert is not only the capability to cover 3 separate applications but the added bonus of profitability credit to tool cost savings.

The new TDXT line is our latest addition in providing optimised machining solutions through continuous research and development.





TDT (External turning & Grooving)



TDFT (Face turning & Grooving)



TDIT (Internal turning & Grooving)

**new**



TDXT (External, Internal,  
Face turning & Grooving)

## Initial min. Dia (Dmin) for face turning & grooving

| Designation | Size (mm) | Minimum Dia.(mm) |
|-------------|-----------|------------------|
| <b>TDXT</b> | 3         | 18               |
|             | 4         | 18               |
|             | 5         | 20               |
|             | 6         | 18               |

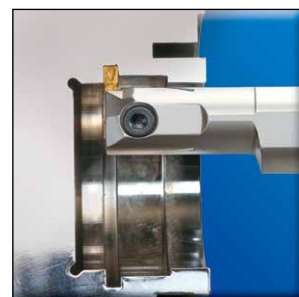
• Above table applies to inserts only.  
Verify tool holder minimum dia. prior to machining.



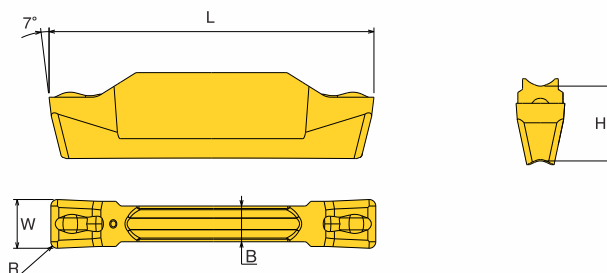
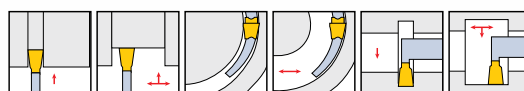
## Initial min. Dia (Dmin) for internal turning & grooving

| Designation | Size (mm) | Minimum Dia.(mm) |
|-------------|-----------|------------------|
| <b>TDXT</b> | 3         | 24               |
|             | 4         | 21               |
|             | 5         | 30               |
|             | 6         | 31               |
|             | 8         | 33               |

• Above table applies to inserts only.  
Verify tool holder minimum dia. prior to machining.



## TDXT - E (pressed to size) - Stocked items list



| Designation        | W±0.05 | R   | B   | L   | H   | Grade  |        |        |        |     |        |
|--------------------|--------|-----|-----|-----|-----|--------|--------|--------|--------|-----|--------|
|                    |        |     |     |     |     | TT9225 | TT9080 | TT6080 | TT6300 | K10 | CT3000 |
| <b>TDXT 3E-0.4</b> | 3.0    | 0.4 | 2.2 | 2.0 | 4.7 |        | ●      | ●      | ●      | ●   | ●      |
| <b>TDXT 4E-0.4</b> | 4.0    |     | 3.0 |     |     |        |        |        | ●      | ●   | ●      |
| <b>TDXT 5E-0.4</b> | 5.0    |     | 4.0 | 25  | 5.2 |        | ●      | ●      | ●      | ●   | ●      |
| <b>TDXT 6E-0.8</b> | 6.0    | 0.8 | 5.0 | 25  |     |        | ●      | ●      | ●      | ●   | ●      |
| <b>TDXT 8E-0.8</b> | 8.0    |     | 6.0 | 30  |     | 6.4    |        | ●      | ●      | ●   | ●      |

• Non-standard grade production available at the customer's request

● Marked: Standard items

## TDXT cutting condition table

