

NEW PRODUCT NEWS CHASEMOLD



DIVERSIFIED INSERT GEOMETRIES FOR MACHINING OF DIFFICULT-TO-CUT MATERIAL



MLL



L

CHASEMOLD

Diversified insert geometries for machining of difficult-to-cut materials

FEATURES

- Higher rake angle for smooth cutting with reduced cutting force
- Optimized design to avoid built-up-edge on sticky materials
- “L” geometry for heat resistant super alloys such as Inconel, Rene, Ti-alloy
- “MLL” geometry for difficult-to-cut materials with higher feed rates
- Ideal for applications in aerospace and power generation industries

The **CHASEMOLD** line now includes new insert geometries that meet customers' needs in aerospace and power generation industries where machining trends are moving toward very sticky and difficult-to-cut materials that require higher tool stability, economy and longer life.

TaeguTec's “MLL” and “L” geometries are solutions that guarantee higher productivity and reliable tool life for difficult-to-cut materials.

Both geometries—the “MLL” and “L” type—are optimized for HRSA (heat resistant super alloy) metals such as Ti-alloy, Co-based alloy and Ni-base alloy.

Aerospace[®] Power generation[®]








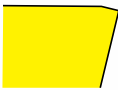








MLL



L

Insert geometries

MR	M	MM	ML	NEW MLL	NEW L	AL
						
						
Hardened steel and interrupted cut	General operation	Light cutting, SUS400 series	Light cutting, SUS300 series	Difficult-to-cut material (HRSA) with high feedrate	Heat Resistance Super Alloy	Aluminum & Non-ferrous alloy

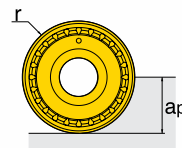
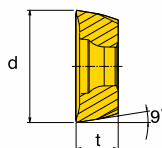
Inserts



MLL



L



RYMX/RYHX

Designation	Dimension (mm)				Grade		Application End Mill & Cutter
	d	t	r	ap	TT3540	TT9540	
RYMX 0803-MLL	8	3.2	4	4	⊙	⊙	TERY □□□-□□□-□□ TERY □□□-M□□-□□ TFMRY □□□-□□R-□□ TFMRY □□□H-□□□-□□
RYHX 0803-L	8	3.2	4	4	⊙	⊙	
RYHX 0803-MLL	8	3.2	4	4	⊙	⊙	
RYMX 1004-MLL	10	4	5	5	⊙	⊙	
RYHX 1004-L	10	4	5	5	⊙	⊙	
RYHX 1004-MLL	10	4	5	5	⊙	⊙	
RYMX 1205-MLL	12	4.8	6	6	⊙	⊙	
RYHX 1205-L	12	4.8	6	6	⊙	⊙	
RYHX 1205-MLL	12	4.8	6	6	⊙	⊙	

⊙ : Produced upon request only