



# New indexable milling tool for the machining of high quality workpieces







#### The completion of Indexable Milling Tool for high qualified workpiece

- Improved perpendicularity and lower cutting resistance by composition of clearance face and High Helix edge
- Improved chip flow due to helical type design of chip pocket and application of coolant system



# **Pro-L Mill**

### New indexable milling tool for the machining of high quality workpieces

# **Pro-L Mill**

- Improved perpendicularity and lower cutting resistance by composition of clearance face and High Helix edge
- Productivity increase due to more than half as much of Depth of Cut comparing to existing product
- Strong clamping design by adaption of double screw on system
- Improved chip flow due to helical type design of chip pocket and application of coolant system

# **Features**



# **Chip breakers**

Insert's type		Edge type	Usage	Features	
MA	10 01		AI	Application of the edge optimized for Aluminum machining and buffed finish ensure excellent machining quality	
ML	0.0		Hard-to-cut material	Design of Low cutting resistance Chip Breaker ensures excellent machining quality for light cutting and Hard-to-cut material	

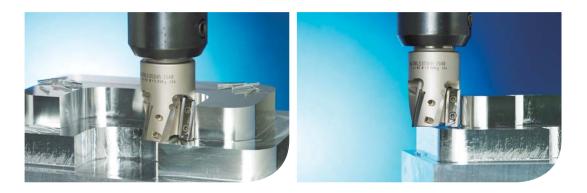
# Selection of Grade and Chip Breaker

category	M Stainless steel	N Aluminum alloy	S HRSA PC3545	
Grade	PC3545	H01		
MA	0	_	0	
ML	_	0	_	

# **Cutting Performance**

#### AI6061 (HRC30)

- Cutting condition
- vc = 500m/min
- fz = 0.2 mm/t
- ap = 30 ~ 60mm ae = 1 ~ 5mm(finishing : 5mm, roughing : 1mm)
- z = 3



# Uses

Facing	Shouldering	Slotting	Ramping	Helical cutting







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