

New indexable milling tool for the machining of high quality workpieces

Pro-L Mill



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

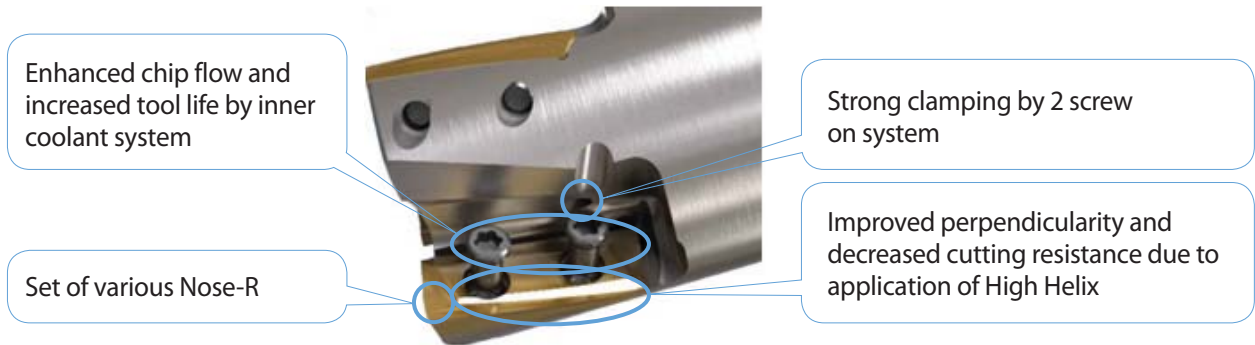


New indexable milling tool for the machining of high quality workpieces





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 		Al	Application of the edge optimized for Aluminum machining and buffed finish ensure excellent machining quality
ML 		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
Grade	PC3545	H01	PC3545
MA	○	—	○
ML	—	○	—

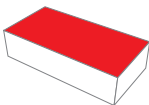
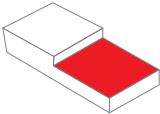
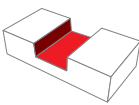
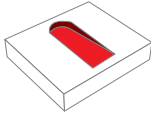
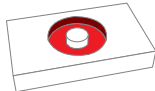
Cutting Performance

N Al6061 (HRC30)

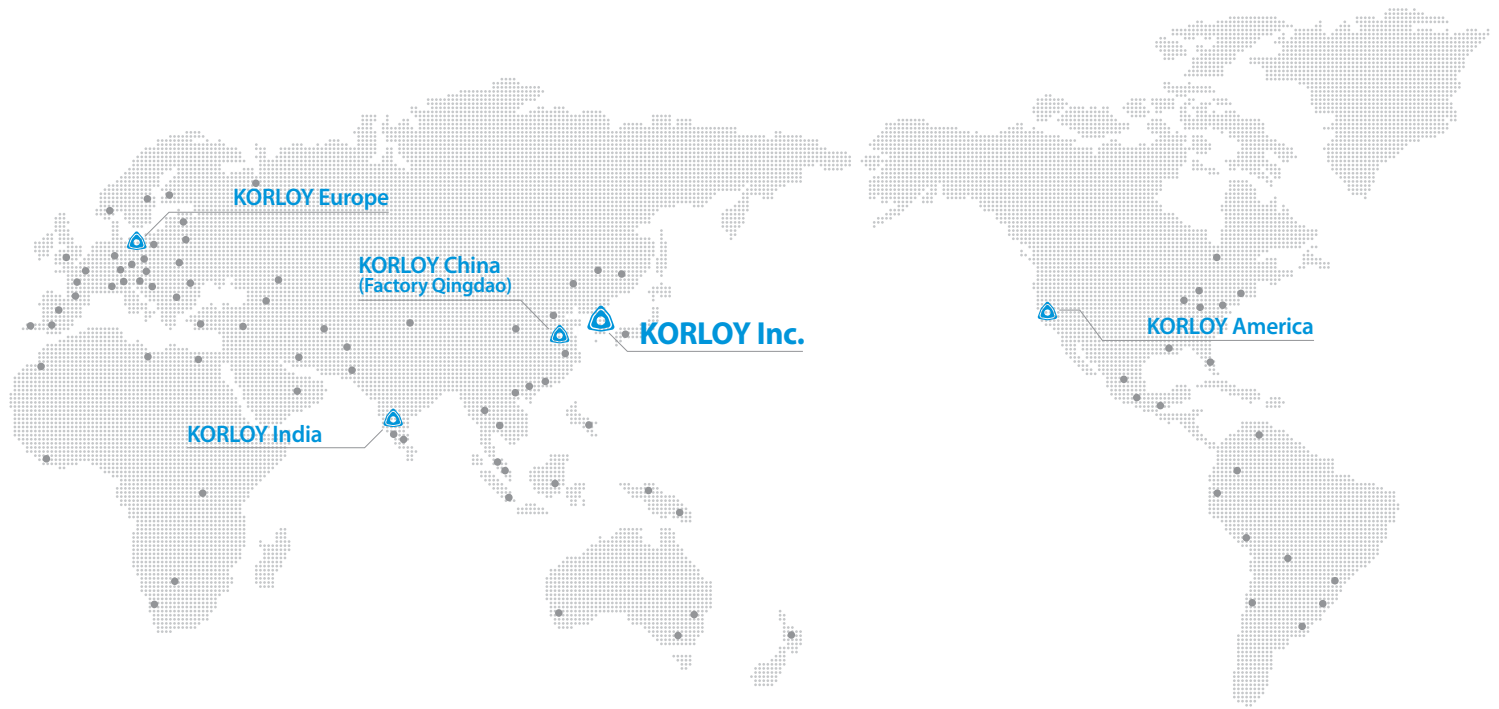
- **Cutting condition**
 - vc = 500m/min
 - fz = 0.2mm/t
 - ap = 30 ~ 60mm
 - ae = 1 ~ 5mm(finishing : 5mm, roughing : 1mm)
 - z = 3



Uses

Facing	Shouldering	Slotting	Ramping	Helical cutting
				





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