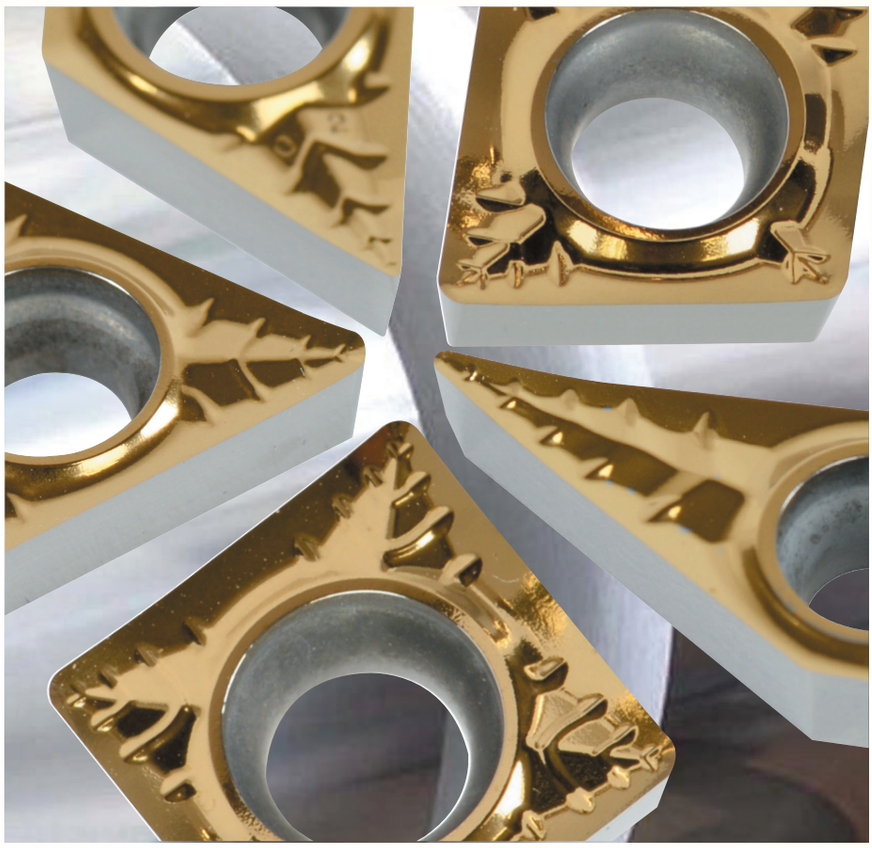
YAMALOY YAMALOY TOOLING • JAPAN

Think *POSITIVE*... and NEGATIVE

YAMALOY YAMALOY TOOLING • JAPAN

Insert Geometry for Finishing & Semi-finishing of Aluminium & Aluminium Alloys

- Optimised edge and radius geometry.
- Improved surface finish.
- Improved chip control.
- 'G' Tolerance for high repeatability.
- First choice for machining pure aluminium.
- 30% longer insert life compared to uncoated grade.



Grade K10C

ISO N05-N15 PVD Coated. Micrograin carbide for machining aluminium and aluminium alloys, 30% higher tool life against uncoated grade. Smooth coating and polished surface gives better chip control.

ALC Geometry

For finishing and semi finishing of aluminium and aluminium alloys. A unique breaker design gives a sharp cutting edge and positive rake angle. Special edge preparation and surface treatment produce better surface quality and greater chip control, reduced friction and vibration. 'G' tolerance inserts for higher repeatability.

Feed Rates

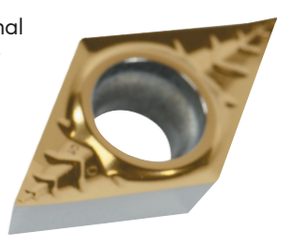
For Machining Pure Aluminium
Ap. DOC = 0.02 ~ 4.80 (mm)
F = 0.05~0.50 (mm/r)

For Machining Aluminium Alloys
Ap. DOC = 0.02 ~ 3.50 (mm)
F = 0.05~0.40 (mm/r)

30% LONGER INSERT LIFE COMPARED TO UNCOATED GRADE

DCGX

Fits the same Internal/External Toolholders as DCGT



Insert Size Chip-breaker DCGX	Grade	Order Code YML-120	Price/1 THB
070204 ALC	K10C	**-1282N**	**483.00**
11T304 ALC	K10C	**-1291N**	**483.00**

TCGX

Fits the same Internal/External Toolholders as TCGT



Insert Size Chip-breaker TCGX	Grade	Order Code YML-120	Price/1 THB
16T308 ALC	K10C	**-7096N**	**798.00**

CCGX

Fits the same Internal/External Toolholders as CCGT



Insert Size Chip-breaker CCGX	Grade	Order Code YML-120	Price/1 THB
060202 ALC	K10C	**-0312N**	**483.00**
060204 ALC	K10c	**-0314N**	**483.00**
09T304 ALC	K10C	**-0318N**	**515.00**
09T308 ALC	K10C	**-0320N**	**578.00**
120404 ALC	K10C	**-0324N**	**578.00**
120408 ALC	K10C	**-0326N**	**620.00**

SCGX

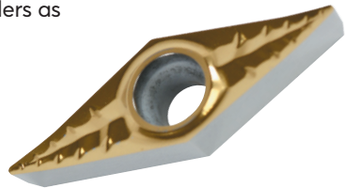
Fits the same Internal/External Toolholders as SCGT



Insert Size Chip-breaker SCGX	Grade	Order Code YML-120	Price/1 THB
120408 ALC	K10C	**-4173N**	**546.00**

VCGX

Fits the same Internal/External Toolholders as VCGT



Insert Size Chip-breaker VCGX	Grade	Order Code YML-120	Price/1 THB
110302 ALC	K10C	**-9201N**	**620.00**
110304 ALC	K10C	**-9203N**	**651.00**
160404 ALC	K10C	**-9233N**	**714.00**

© 2022

OS21_APAC_TH_0107.indd 1 07/01/2022 14:52