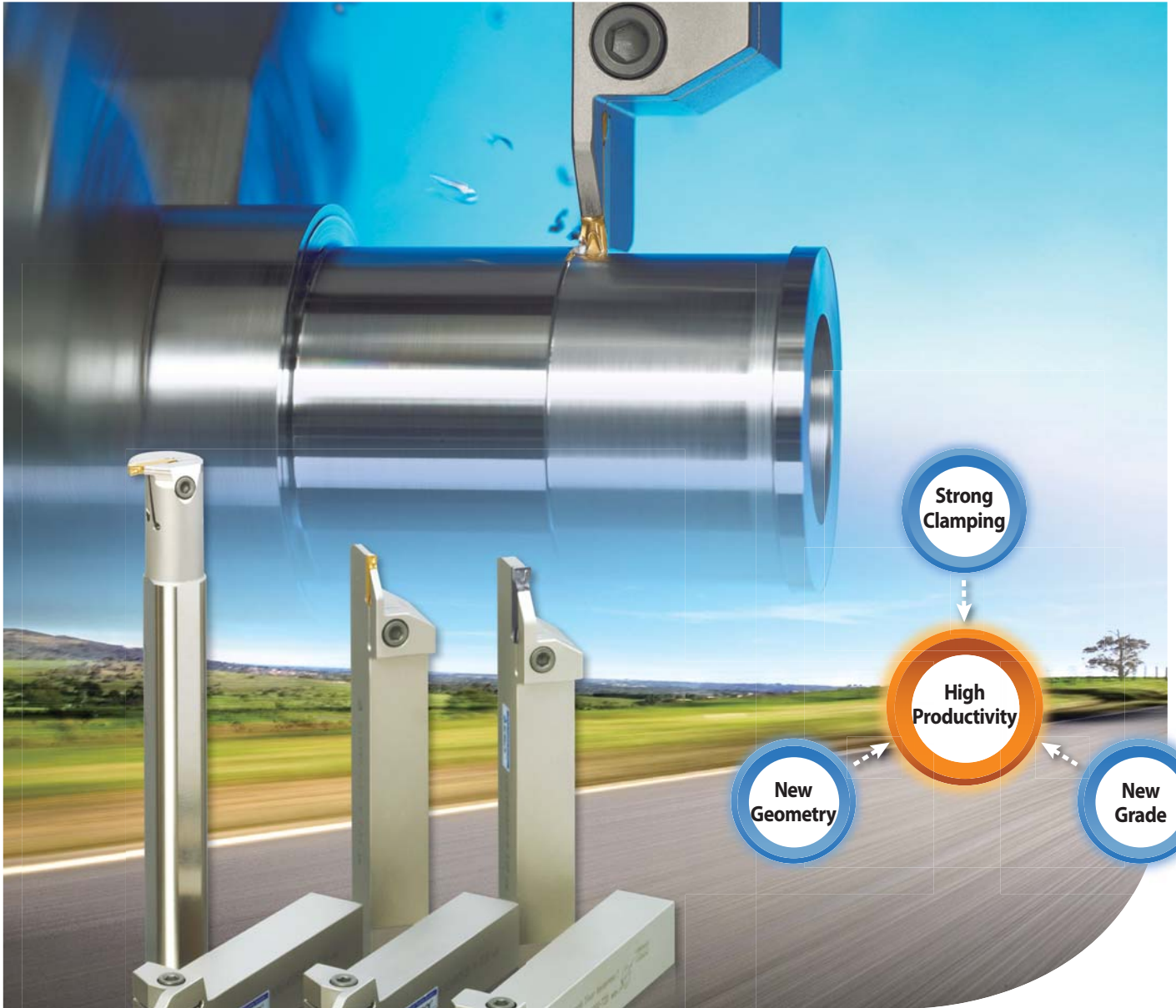


KORLOY Grooving Tool

KGT Series



Strong Clamping

High Productivity

New Geometry

New Grade



KOREA, SOMETHING MORE! KORLOY, EVEN MORE!

SUNGNYEMUN

Sungnyemun is one of the Eight Gates in the Fortress Wall of Seoul, South Korea, which surrounded the city in the Joseon Dynasty. The gate is a historic pagoda-style gateway, and is designated as the first National Treasure of Korea.



KGT Series

Multifunction operations are available due to the strong clamping system and application of new technology

KGT series

- Ensuring improved tool life by application of new grade and new technology
- Multifunction operations - Reduce cycle time & increase productivity with the ability to groove, turn, face or copy in an application due to its cutting edges on the top and side
- 3D shape designed chip breaker allows smoother chip flow in diverse processing environments
- Chip breakers can be applied for various cutting conditions from low to high feed or interrupted cutting to continuous cutting

Features

Top side(Insert)



- Strong clamping → Higher machining reliability
- Self-centering → Higher accuracy
- Anti-chattering design → Fine surface finish

※ New KGT series are not compatible with conventional MGT(MGMN inserts) series

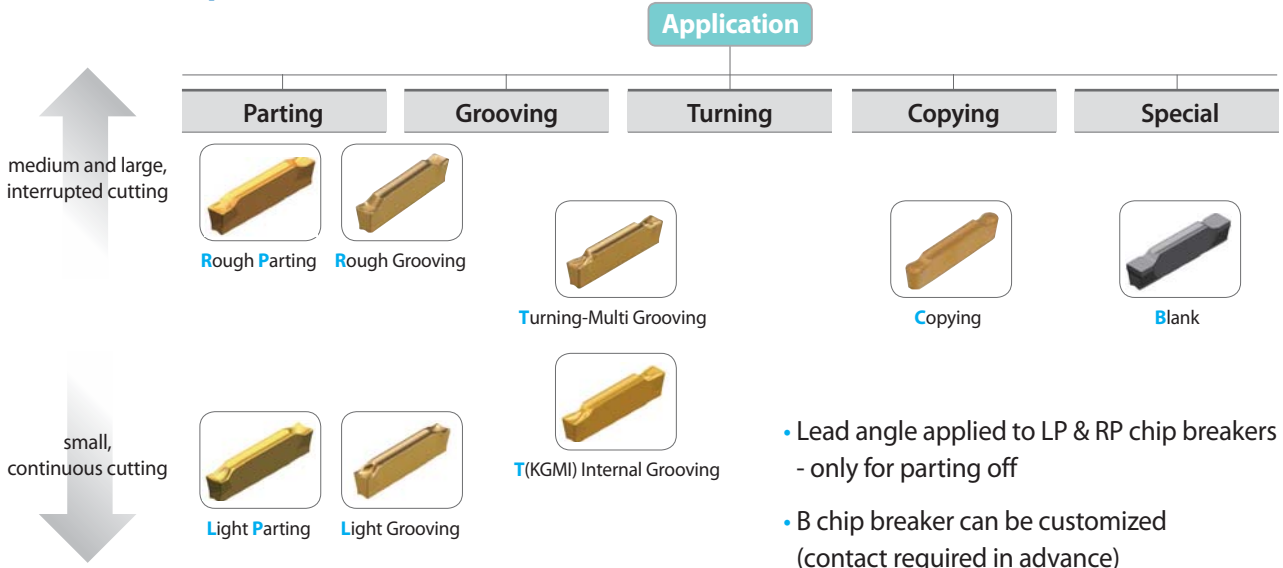


Recommended Insert

Designation	Geometry	Picture	Application									
			For external machining			For face grooving		For Internal machining		Profiling machining	For relieving	Special machining
			Parting	Grooving	Turning	Grooving	Turning	Grooving	Turning	Copying	Relieving	Special
KGMN	L Light Grooving		○	◎		○						
	R Rough Grooving		○	◎		○						
	T Turning-Multi Grooving		○	◎	◎	◎	◎					
KGMI	T Internal Grooving							◎	◎			
KRMN	C Copying									◎	◎	
KGMR/L	LP Light Parting		◎									
	RP Rough Parting		◎									
KGGN	B Blank											◎

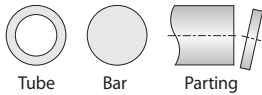
◎ First choice, ○ Second choice

KGT line up



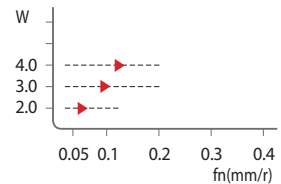
C/B guide

L For Light Grooving

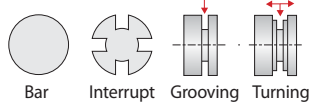
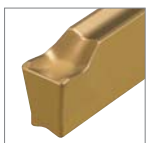


- sharp cutting edge
- low feed machining
- small diameter component

- low carbon steel
- carbon steel
- alloy steel
- stainless

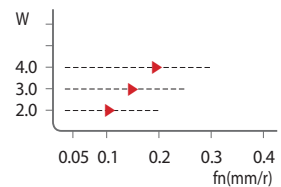


R For Rough Grooving

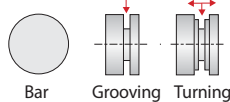


- strong cutting edge
- high feed machining
- interrupted cutting

- carbon steel
- alloy steel
- stainless
- cast iron

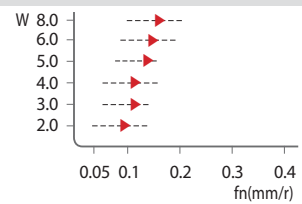


T For Turning and Multi Grooving

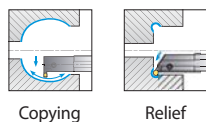
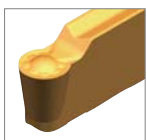


- sharp cutting edge
- improved chip control
- turning & grooving machining

- carbon steel
- alloy steel
- stainless
- cast iron

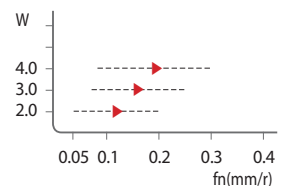


C For Copying and Relief



- improved chip control
- copying
- relief

- carbon steel
- alloy steel
- stainless
- cast iron





**KOREA, SOMETHING MORE!
KORLOY, EVEN MORE!**

Sungnyemun

Location : 40 Sejong-daero, Jung-gu, Seoul, Korea

Sungnyemun, the original name of the south gate of Seoul, which is also called Namdaemun, is the main south gate of the city wall of Seoul. It is the oldest building among wooden buildings located in Seoul; the construction was started in the fourth year of King Taejo(1395) and completed in the seventh year of King Taejo(1398). In addition, it was rebuilt during the 30th year of The Great King Sejong's reign (1448) and renovated during 1961~1963.

The base structure is made of granite blocks pierced by a single arch for gateway.

The wooden superstructure is a two-storied pavilion, five compartments on the front and two compartments at the sides, with a hipped roof based on the arch of a gate in the form of a rainbow among highly stacked stone works.

The roof is shaped like a trapezoid and it is called a hipped roof. The 'beam on the pillar method,' which decorated structures for bracing upper eaves, is located. (get rid of "is used") The curves are not severe and the structure is robust by showing the characteristics of the construction in the early Chosun dynasty.



KORLOY Inc.

Holystar B/D, 953-1, Doksanbon-Dong, Geumcheon-Gu, Seoul, 153-823, Korea
Tel : +82-2-522-3181 Fax : +82-2-522-3184, +82-2-3474-4744
Web : www.korloy.com E-mail : export@korloy.com

KORLOY EUROPE GmbH

Heinrich-Lanz-Allee 12, 60437 Frankfurt am Main, Germany
Tel : +49-69-5069-887-0 Fax : +49-69-5069-887-29
www.korloyeurope.com E-mail : sales@korloyeurope.com

KORLOY AMERICA Inc.

620 Maple Avenue, Torrance, CA 90503, USA
Tel : +1-310-782-3800 Toll Free : +1-888-711-0001 Fax : +1-310-782-3885
Web : www.korloyamerica.com E-mail : sales@korloy.us

KORLOY INDIA TOOLING Pvt.Ltd.

Ground Floor, Property No. 217, Udyog Vihar Phase 4, Gurgaon 122016, Haryana, INDIA
Tel : +91-124-4050030 Fax : +91-124-4050032
www.korloyindia.com E-mail : sales.kip@korloy.com