

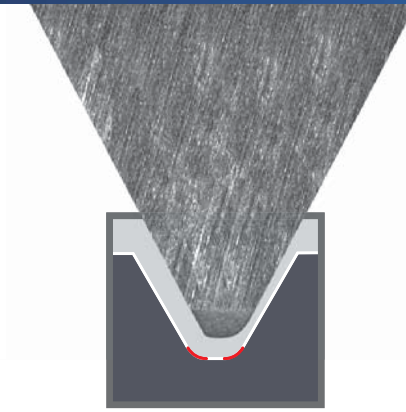


X060 Engraving Insert

Custom forms now available in an indexable engraving tool



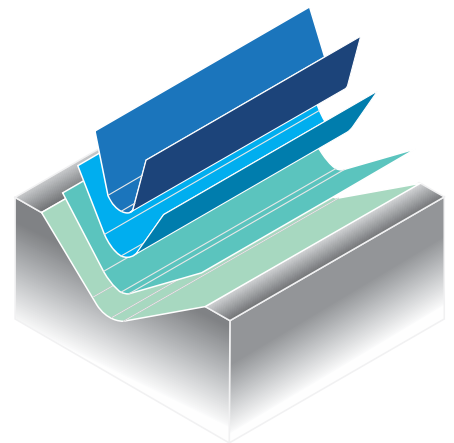
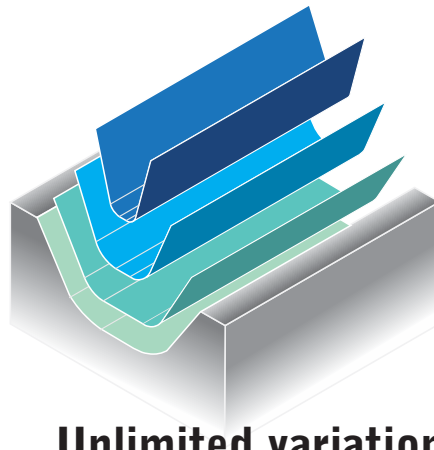
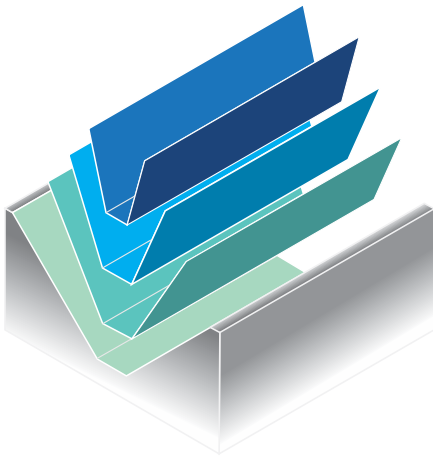
◆ **Angled form**



◆ **Radius angled form**



◆ **Radius form**



Unlimited variations

Replace your solid carbide engraving tool with the X060 indexable solution.

Inserts:

◆ **Included angle from 10° up to 120°.**

- ◆ Minimum width of bottom: 0.1 mm (0.005" for inch dimension)*
- ◆ **NC2032:** K20F carbide, TiAlN coated, for all kind of steel from 30-50HRC, carbon steel, alloy steel and casting iron.
- ◆ **NC2035:** K20F carbide, ALDURA coated, for steel with heat treatment up to 56 HRC.
- ◆ **NC9036:** K20F carbide, DLC coated, for non-ferrous metal, Al, Al-alloy, Brass, copper and long cutting chip metal.

Remarks:

* The X060 insert will be designed based on your specific application of angle, width, depth and corner radius.

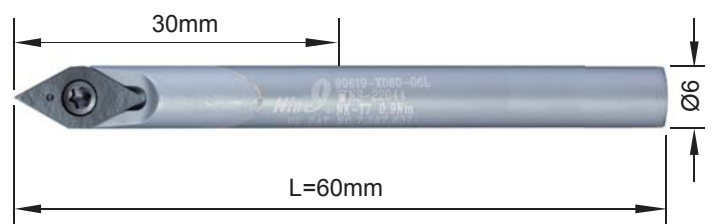
" Contact us for a request for quote "

Holder:

- ◆ Carbide shank is ground to h6 tolerance.
- ◆ Made of high alloy steel and brazed on a carbide shank. Provides high rigidity and anti-vibration
- ◆ One holder supports the entire X060 series of engraving inserts.

X060 Setting-up of the tool holder

- ◆ Using high precision tool holder to make sure run out of tool shank is below 0.01 mm on the tool holder.
- ◆ High precision collect chuck, shrink fit chuck and hydraulic chuck are recommended.





X060 Engraving Insert

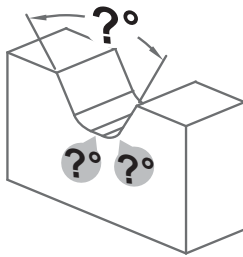
Custom forms now available in an indexable engraving tool

Inquiry Example



Series	Angle	Form	Width	Depth	Shape	Grade
X060	A30 from 10°~120°	<input checked="" type="checkbox"/> W <input type="checkbox"/> R	030	T0.05	<input checked="" type="checkbox"/> Square <input type="checkbox"/> Radius -	<input checked="" type="checkbox"/> NC2032 <input type="checkbox"/> NC2035 <input type="checkbox"/> NC9036

- ◆ **Angle:** from 10° up to 120°.
- ◆ **Form:** Shape of Bottom. Please fill W with flat shape. If is radius, please fill R.
- ◆ **Width:** Width of engraving.
- ◆ **Depth:** Depth of engraving.
- ◆ **Shape:** Square or radius.
- ◆ **Grade:** Please refer to the following table.



Grade	Coating	Steel	Stainless Steel	Cast Iron	Non-Ferrous	Hardened Steel Up to 56 HRC
NC2032	TiAlN	●	○	●	●	●
NC2035	ALDURA	◎	○	○	●	●
NC9036	DLC	○	◎	○	●	●

● Best ◎ Suit ○ Possible

Example:

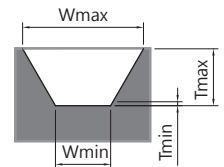
Angled form



Angle: **30°**, Form: **W**,
Width: **0.3**, Shape of Bottom: **S**



Angle: **60°**, Form: **W**,
Width: **1.2**, Shape of Bottom: **S**



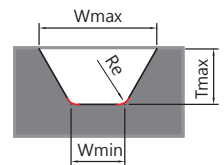
Radius angled form



Angle: **60°**, Form: **W**,
Width: **0.1**, Shape of Bottom: **R**,
Re: **0.02**



Angle: **60°**, Form: **W**,
Width: **0.5**, Shape of Bottom: **R**,
Re: **0.1**



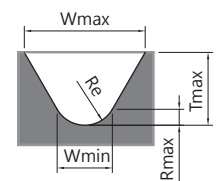
Radius form



Angle: **60°**, Form: **R**, Radius: **0.1**



Angle: **60°**, Form: **R**, Radius: **0.5**



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