

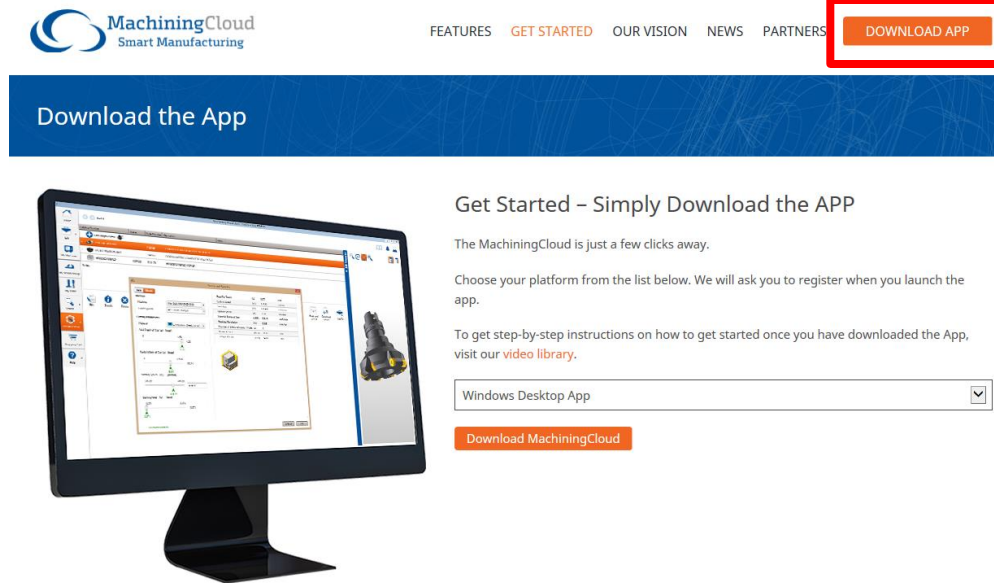
VERICUT

Machining Cloud

씨지텍 주식회사

Machining Cloud

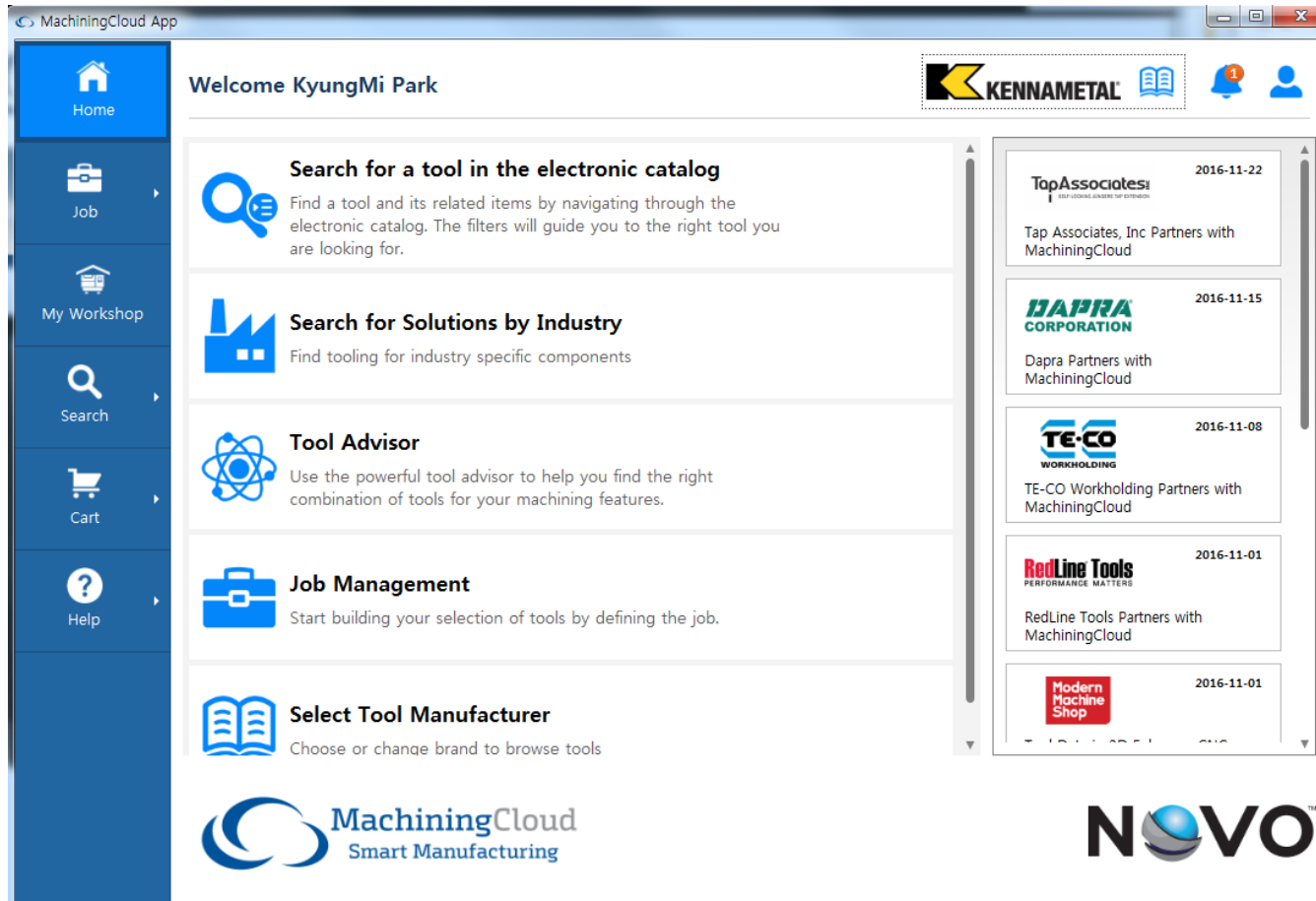
- 구글에서 “Machining Cloud” 검색
- 또는, <https://www.machiningcloud.com/>
- **DOWNLOAD APP** 선택, 설치 후 로그인



The screenshot shows the MachiningCloud website interface. At the top left is the MachiningCloud logo with the tagline 'Smart Manufacturing'. To the right of the logo are navigation links: FEATURES, GET STARTED, OUR VISION, NEWS, PARTNERS, and a 'DOWNLOAD APP' button highlighted with a red rectangle. Below the navigation is a dark blue banner with the text 'Download the App'. The main content area features a computer monitor displaying the MachiningCloud application interface. To the right of the monitor, the text reads: 'Get Started – Simply Download the APP', 'The MachiningCloud is just a few clicks away.', 'Choose your platform from the list below. We will ask you to register when you launch the app.', and 'To get step-by-step instructions on how to get started once you have downloaded the App, visit our [video library](#).' Below this text is a dropdown menu with 'Windows Desktop App' selected and a 'Download MachiningCloud' button.

Machining Cloud

- 아래 그림과 같이 앱 실행



Machining Cloud

- 오른쪽 상단 클릭 (KENNAMETAL 외 다른 제조사 일 수 있음)

The screenshot displays the MachiningCloud App interface. On the left is a vertical sidebar menu with icons for Home, Job, My Workshop, Search, Cart, and Help. The main content area is titled "Welcome KyungMi Park" and features several sections:

- Search for a tool in the electronic catalog**: Find a tool and its related items by navigating through the electronic catalog. The filters will guide you to the right tool you are looking for.
- Search for Solutions by Industry**: Find tooling for industry specific components.
- Tool Advisor**: Use the powerful tool advisor to help you find the right combination of tools for your machining features.
- Job Management**: Start building your selection of tools by defining the job.
- Select Tool Manufacturer**: Choose or change brand to browse tools.

At the bottom of the main content area is the MachiningCloud logo with the tagline "Smart Manufacturing".

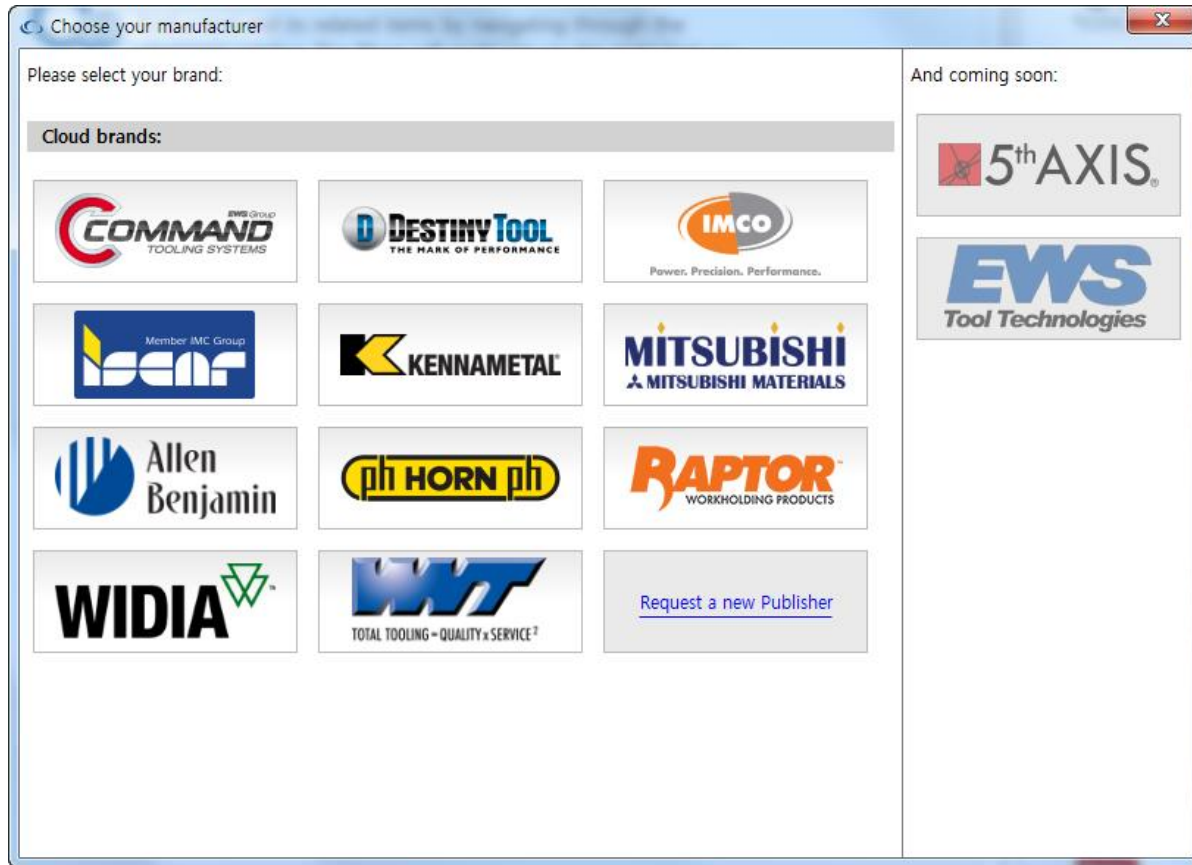
On the right side of the interface, there is a list of partner companies with their logos and dates:

- KENNAMETAL** (highlighted with a red box in the original image)
- TopAssociates** 2016-11-22: Tap Associates, Inc Partners with MachiningCloud
- DAPRA CORPORATION** 2016-11-15: Dapra Partners with MachiningCloud
- TE-CO WORKHOLDING** 2016-11-08: TE-CO Workholding Partners with MachiningCloud
- RedLine Tools** 2016-11-01: RedLine Tools Partners with MachiningCloud
- Modern Machine Shop** 2016-11-01

At the bottom right of the interface is the **NOVO** logo.

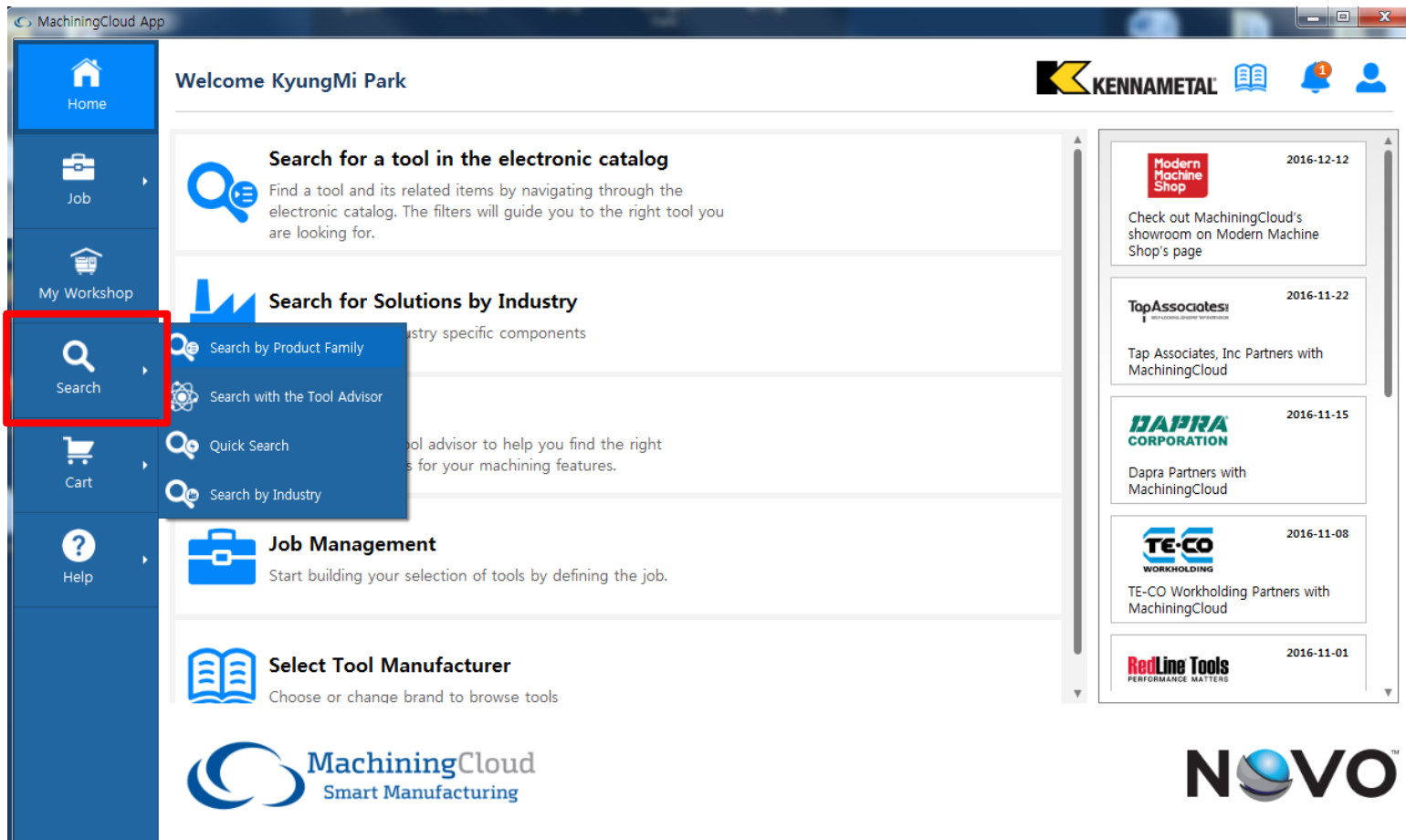
Machining Cloud

- 하기 리스트 중 원하는 공구 제조사 선택



Machining Cloud

■ 공구 찾기



The screenshot displays the MachiningCloud App interface. The left sidebar contains navigation icons for Home, Job, My Workshop, Search, Cart, and Help. The 'Search' icon is highlighted with a red box, and a dropdown menu is open, listing search methods: Search by Product Family, Search with the Tool Advisor, Quick Search, and Search by Industry. The main content area features a welcome message for 'KyungMi Park' and several search-related sections: 'Search for a tool in the electronic catalog', 'Search for Solutions by Industry' (with sub-options for Product Family, Tool Advisor, Quick Search, and Industry), 'Job Management', and 'Select Tool Manufacturer'. The right sidebar shows a list of partner announcements with logos and dates. The bottom of the page features the MachiningCloud logo and the NOVO logo.

MachiningCloud App

Welcome KyungMi Park

KENNAMETAL

Home

Job

My Workshop

Search

Cart

Help

Search for a tool in the electronic catalog
Find a tool and its related items by navigating through the electronic catalog. The filters will guide you to the right tool you are looking for.

Search for Solutions by Industry
Industry specific components

- Search by Product Family
- Search with the Tool Advisor
- Quick Search
- Search by Industry

Job Management
Start building your selection of tools by defining the job.

Select Tool Manufacturer
Choose or change brand to browse tools

MachiningCloud
Smart Manufacturing

Modern Machine Shop 2016-12-12
Check out MachiningCloud's showroom on Modern Machine Shop's page

TopAssociates 2016-11-22
Tap Associates, Inc Partners with MachiningCloud

DAPRA CORPORATION 2016-11-15
Dapra Partners with MachiningCloud

TE-CO WORKHOLDING 2016-11-08
TE-CO Workholding Partners with MachiningCloud

RedLine Tools PERFORMANCE MATTERS 2016-11-01

NOVO

Machining Cloud

■ 공구 찾기

1. 제품 별 검색 : Milling / Holemaking/Turning 등..

The screenshot displays the MachiningCloud App interface. On the left, a navigation menu is visible with the following options: Search, Search by Product Family (highlighted with a red box), Search with the Tool Advisor, Quick Search, and Search by Industry. Below these are icons for Cart and Help. The main content area shows a search bar and a grid of product categories, each with a representative image and a count in brackets:

Category	Count
Milling	[15157]
Holemaking	[14295]
Turning	[17184]
Threading	[5618]
Tooling Systems	[9471]

Each category card features a representative image of the tools and the KENNAMETAL logo at the bottom. The top right corner of the app shows the KENNAMETAL logo, a book icon, a notification bell, and a user profile icon.

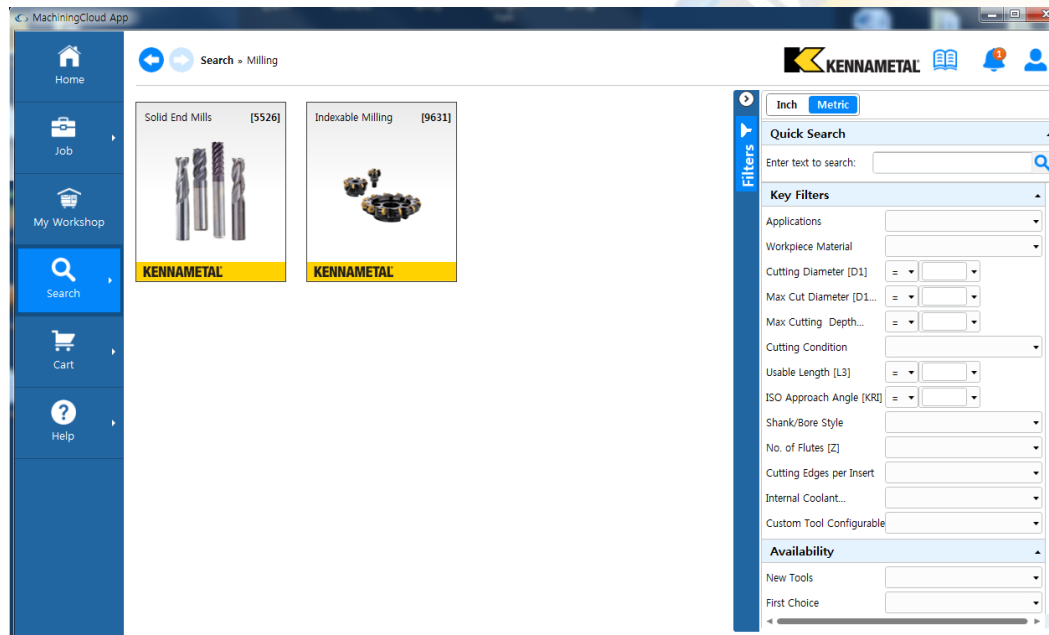
Machining Cloud

■ 공구 찾기

1. 제품 별 검색

1) 타입 선택 : Milling 공구

2) Solid End Mills or Indexable Milling 선택



Machining Cloud

■ 공구 찾기

※ 다수의 공구 중 정확한 모델명을 알고 있거나 원하는 조건의 공구만 검색 가능

=> 오른쪽 창의 Quick Search 또는 Filter 기능 사용

The screenshot displays the Machining Cloud interface. On the left, there are two tool categories: 'Solid End Mills [5526]' and 'Indexable Milling [9631]', both featuring images of tools and the 'KENNAMETAL' logo. On the right, a 'Quick Search' panel is highlighted with a red border. This panel includes a search input field, a 'Key Filters' section with various dropdown and input fields for tool specifications, and an 'Availability' section with dropdown menus for 'New Tools' and 'First Choice'. The background features a large watermark for 'VUE 2016' and 'CGTECH'.

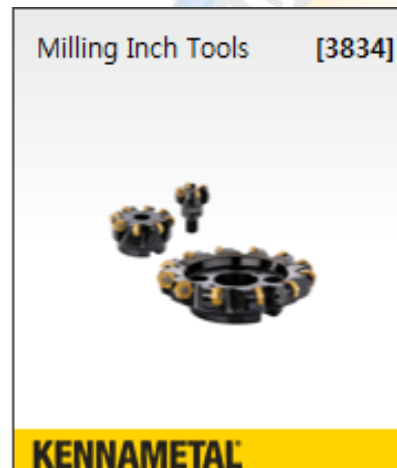
Machining Cloud

- 공구 찾기

1. 제품 별 검색

- 3) Indexable Milling 선택

- 4) 단위 선택 : Metric or Inch

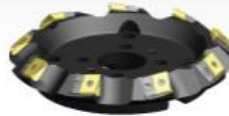


Machining Cloud

■ 공구 찾기

1. 제품 별 검색
- 5) 타입 선택

Face Mills [1089]



KENNAMETAL

Shoulder Mills [1259]



KENNAMETAL

Slotting Mills [466]



KENNAMETAL

High-Feed Series [279]



KENNAMETAL

Copy Mills [704]



KENNAMETAL

Ceramic Mills [59]



KENNAMETAL

Classic Mills [61]





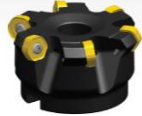




















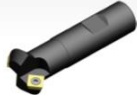
KENNAMETAL

Machining Cloud

■ 공구 찾기

1. 제품 별 검색

6) 원하는 공구 형상 선택

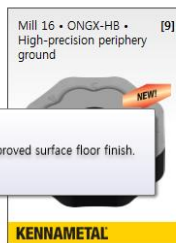
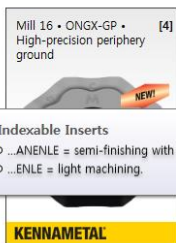
<p>Dodeka™ Mini 15° • High-Feed [49]</p>  <p>KENAMETAL</p>	<p>Dodeka™ Mini 45° [75]</p>  <p>KENAMETAL</p>	<p>Dodeka™ Mini 60° • Heavy Duty [52]</p>  <p>KENAMETAL</p>	<p>MEGA 60° • Heavy Duty [19]</p>  <p>KENAMETAL</p>	<p>MEGA 90° • Heavy Duty [18]</p>  <p>KENAMETAL</p>	<p>KSSM8+™ [48]</p>  <p>KENAMETAL</p>	<p>Fix-Perfect™ 90° • Cast Iron [55]</p>  <p>KENAMETAL</p>	<p>HexaCut™ [96]</p>  <p>KENAMETAL</p>	<p>KSSR [42]</p>  <p>KENAMETAL</p>
<p>Dodeka™ • High-Feed • 15° Normal Size [54]</p>  <p>KENAMETAL</p>	<p>Dodeka™ 45° [79]</p>  <p>KENAMETAL</p>	<p>Dodeka MAX™ 45° [26]</p>  <p>KENAMETAL</p>	<p>KSSM 45° • Beyond BLAST™ [14]</p>  <p>KENAMETAL</p>	<p>KSSM 45° [41]</p>  <p>KENAMETAL</p>	<p>KSSM 45° • IC20 [5]</p>  <p>KENAMETAL</p>	<p>KCMS • Cartridge Milling System [32]</p>  <p>KENAMETAL</p>	<p>KBDM [18]</p>  <p>KENAMETAL</p>	<p>KSCM AluMill™ [17]</p>  <p>KENAMETAL</p>
<p>Mill 16 [33]</p>  <p>KENAMETAL</p>	<p>MEGA 45° • Heavy Duty [15]</p>  <p>KENAMETAL</p>	<p>MEGA 15° • Heavy Duty [10]</p>  <p>KENAMETAL</p>	<p>KSSM 75° [25]</p>  <p>KENAMETAL</p>	<p>KSOM Mini [63]</p>  <p>KENAMETAL</p>	<p>KSOM Mini • Finisher • Line Expansion [23]</p>  <p>KENAMETAL</p>	<p>Fix-Perfect™ 90° • Aluminium [50]</p>  <p>KENAMETAL</p>	<p>Chamfer Mill [29]</p>  <p>KENAMETAL</p>	

Machining Cloud

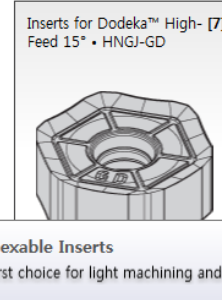
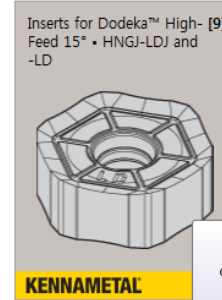
■ 공구 찾기

1. 제품 별 검색

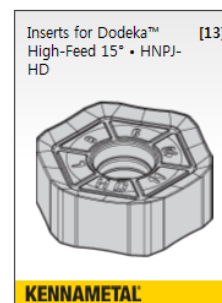
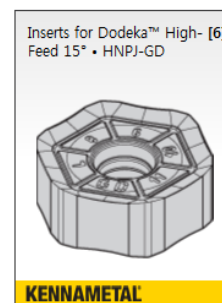
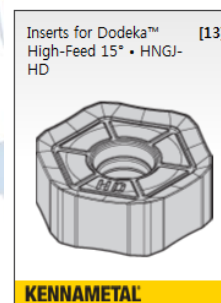
7) 공구 형상에 마우스를 가져다 대면 코멘트 확인 가능
(황색에서 사용, 알루미늄 가공에 사용.. 등)



Indexable Inserts
 ○ ...ANENLE = semi-finishing with improved surface floor finish.
 ○ ...ENLE = light machining.



Indexable Inserts
 ○ First choice for light machining and aluminium.



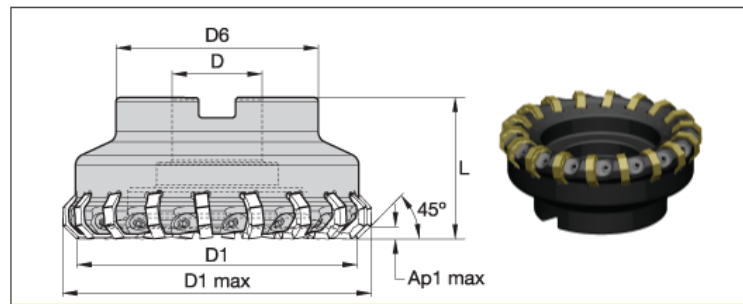
Machining Cloud

■ 공구 찾기

1. 제품 별 검색

8) 원하는 공구 선택

Mill 16 • Shell Mills



Shell Mills

- Productivity booster for machining cast iron materials.
- Insert with 16 cutting edges.
- NOTE: Adjustable torque wrench (order number 6197561) and 3mm hex bit (order number 6205876) may be purchased separately.
- In order to ensure proper torque setting.

KENNAMETAL

Inch Metric

Can't find the right size? Click [here](#) to contact a customer service representative

Create a new Tool Assembly Add To Check Availability Add to Cart

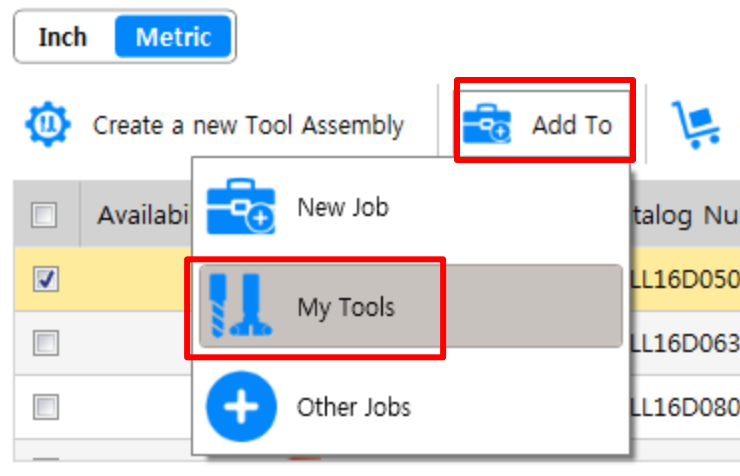
<input type="checkbox"/>	Availability	Status	Order Number	Catalog Number	D1	D1 max	D	D6	L	Ap1 max	Z	kg	max RPM	Customer Part #
<input checked="" type="checkbox"/>			6001972	MILL16D050Z05ON08W	50	62.57	22	50	50	5.5	5	0.61	11300	
<input type="checkbox"/>			6001973	MILL16D063Z06ON08W	63	75.56	22	50	50	5.5	6	0.86	9400	
<input type="checkbox"/>			6134054	MILL16D080Z08ON08W	80	92.56	27	60	50	5.5	8	1.27	7900	

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■ 공구 찾기

1. 제품 별 검색

- 9) Add To 선택 후 저장 위치 선택
- 예 : My Tools 에 추가



Machining Cloud

■ 공구 찾기

1. 제품 별 검색

10) 기존에 추가했던 공구 리스트들이 보여짐

My Workshop 🔔 👤

My Machines | My Tools | My Workholdings

Open | Copy To | Rename | Details | Delete | Feeds and Speeds | Export | Download Model | Add to Cart | Check Availability | View: Assemblies | Items

<input type="checkbox"/>	Shared	▼ Description	Designation	Grade	Manufacturer Part #	Customer Part #	Manufacturer	Status
<input type="checkbox"/>		▶ HYDRAULIC EXPANSION CHUCK DV40B 12 77	DV40BHC12077M		1237451	<input type="text"/>	Kennametal	
<input type="checkbox"/>		▶ ROUTER - COMPRESSION STYLE D= 12MM Z=4 A	CCNC1200A4AH	KCN05	4137443	<input type="text"/>	Kennametal	
<input type="checkbox"/>		▶ Tool 1						
<input type="checkbox"/>		▶ H690 F90AX D032-4-16-10	H690 F90AX D032-4-16-10	IC	3106660	<input type="text"/>	Iscar	
<input type="checkbox"/>		▶ Tool 2						
<input type="checkbox"/>		▶ MTSRH 23-2	MTSRH 23-2	IC	3105401	<input type="text"/>	Iscar	
<input type="checkbox"/>		▶ Tool 14						
<input type="checkbox"/>		▶ DODEKA INSERT HNGJ-NLDJ R=1.2 W	HNGJ0905ANFNLDJ	KC410M	3849320	<input type="text"/>	Kennametal	
<input checked="" type="checkbox"/>		▶ Tool 15						
<input type="checkbox"/>		▶ MILL16 SHELL MILL D=50 Z=5 RH WC	MILL16D050Z05ON08W		6001972	<input type="text"/>	Kennametal	

Machining Cloud

■ 공구 찾기

1. 제품 별 검색

11) VERICUT에서 사용하길 원하는 공구 선택 후 Export

선택

My Workshop

<input type="checkbox"/>	Shared	Description	Designation	Grade	Manufacturer Part #	Customer Part #	Manufacturer	Status
<input type="checkbox"/>		HYDRAULIC EXPANSION CHUCK DV40B 12 77	DV40BHC12077M		1237451		Kennametal	
<input type="checkbox"/>		ROUTER - COMPRESSION STYLE D= 12MM Z=4 A	CCNC1200A4AH	KCN05	4137443		Kennametal	
<input type="checkbox"/>		Tool 1						
<input type="checkbox"/>		H690 F90AX D032-4-16-10	H690 F90AX D032-4-16-10	IC	3106660		Iscar	
<input type="checkbox"/>		Tool 2						
<input type="checkbox"/>		MTSRH 23-2	MTSRH 23-2	IC	3105401		Iscar	
<input type="checkbox"/>		Tool 14						
<input type="checkbox"/>		DODEKA INSERT HNGJ-NLDJ R=1.2 W	HNGJ0905ANFNLDJ	KC410M	3849320		Kennametal	
<input checked="" type="checkbox"/>		Tool 15						
<input type="checkbox"/>		MILL16 SHELL MILL D=50 Z=5 RH WC	MILL16D050Z05ON08W		6001972		Kennametal	

Machining Cloud

■ 공구 찾기

※ DXF, STL, STP 형식으로 별도의 공구파일을 저장하고 싶은 경우
Export가 아닌 Download Model 선택

My Workshop

The screenshot shows the 'My Workshop' interface with a table of tools. The 'Download Model' button is highlighted with a red box. A dropdown menu is open, showing options for downloading models in various formats, also highlighted with a red box.

Shared	Description	Designation	Grade	Manufacturer Part #	Customer Part #	Manufacturer	Status
<input type="checkbox"/>	HYDRAULIC EXPANSION CHUCK DV40B 12 77	DV40BHC12077M					
<input type="checkbox"/>	ROUTER - COMPRESSION STYLE D= 12MM Z=4 A	CCNC1200A4AH	KCN05				
<input type="checkbox"/>	Tool 1						
<input type="checkbox"/>	H690 F90AX D032-4-16-10	IC					
<input type="checkbox"/>	Tool 2						
<input type="checkbox"/>	MTSRH 23-2	IC					
<input type="checkbox"/>	Tool 14						
<input type="checkbox"/>	DODEKA INSERT HNGJ-NLDJ R=1.2 W	HNGJ0905ANFNLDJ	KC410M	3849320		Kennametal	
<input checked="" type="checkbox"/>	Tool 15						
<input type="checkbox"/>	MILL16 SHELL MILL D=50 Z=5 RH WC	MILL16D050Z05ON08W		6001972		Kennametal	

Download Model

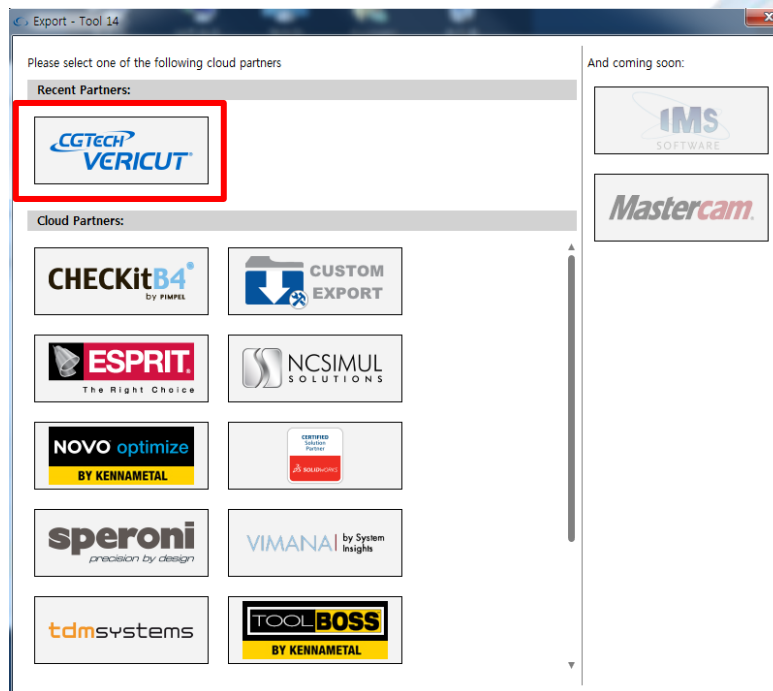
- Heavy 3D Models (STP)
- Light/Simulation 3D Models (STP)
- Stereolithography File (STL)
- CAD Drawing (DWG,DXF,PDF)

Machining Cloud

- 공구 찾기

1. 제품 별 검색

- 12) CGTECH VERICUT 아이콘 선택

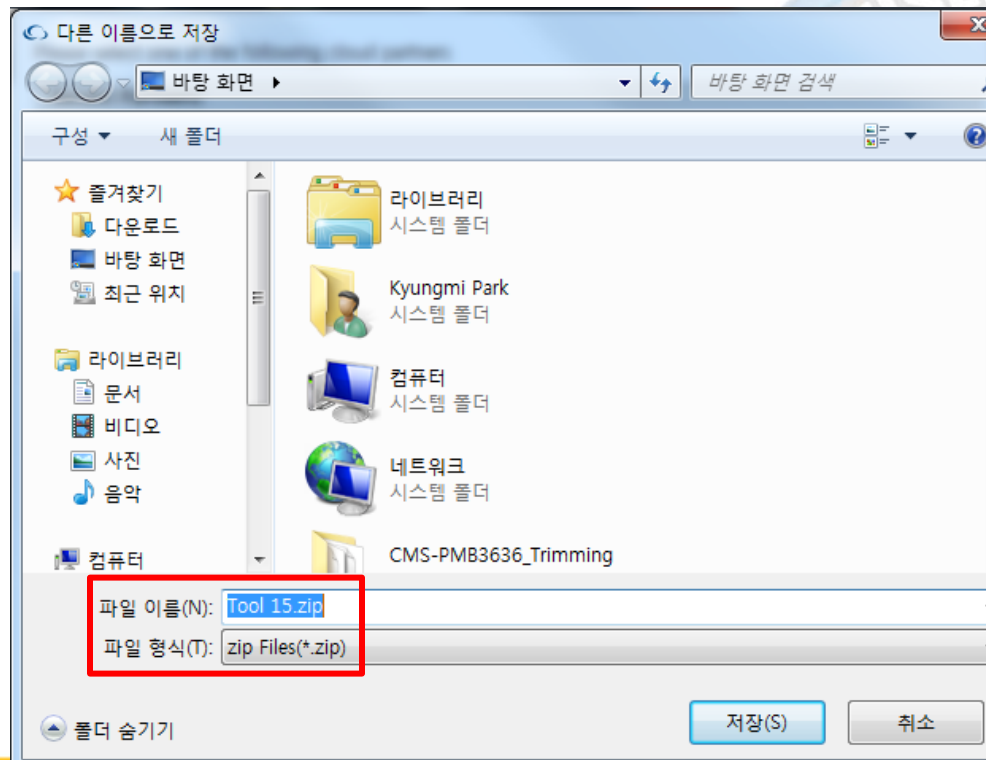


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- 도구 찾기

- 1. 제품 별 검색

- 13) Zip 파일 형식으로 저장



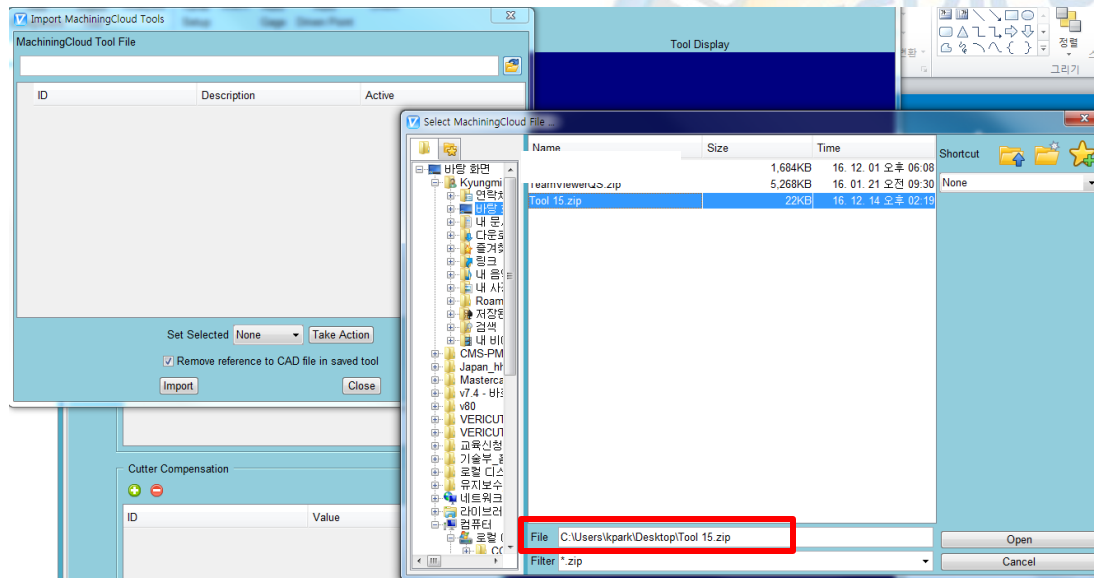
Machining Cloud

■ 공구 찾기

1. 제품 별 검색

14) VERICUT > Tool Manager > Import Tools > MachiningCloud Tool... 선택

15) Zip 파일 그대로 불러오기

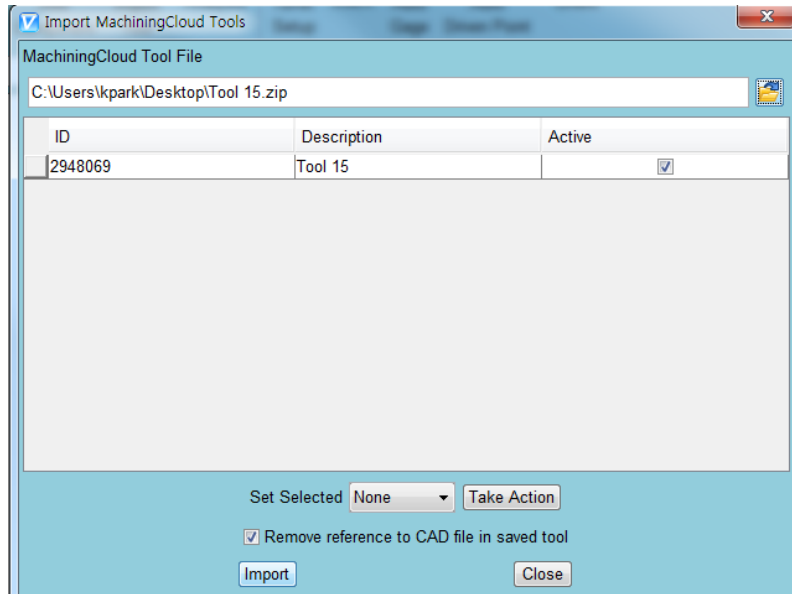


Machining Cloud

■ 공구 찾기

1. 제품 별 검색

16) ID는 Zip 파일 내 공구 Report 에 정의되어 있는 ID를 그대로 가져온다. 생성 후 ID 이름 변경 가능.



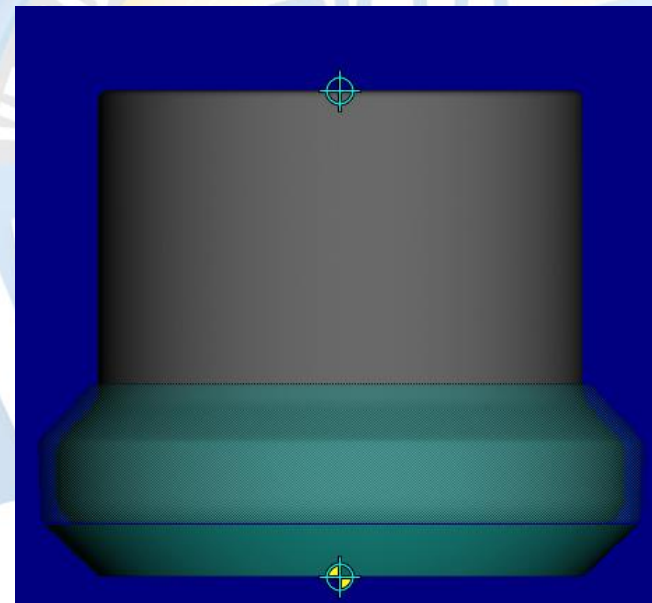
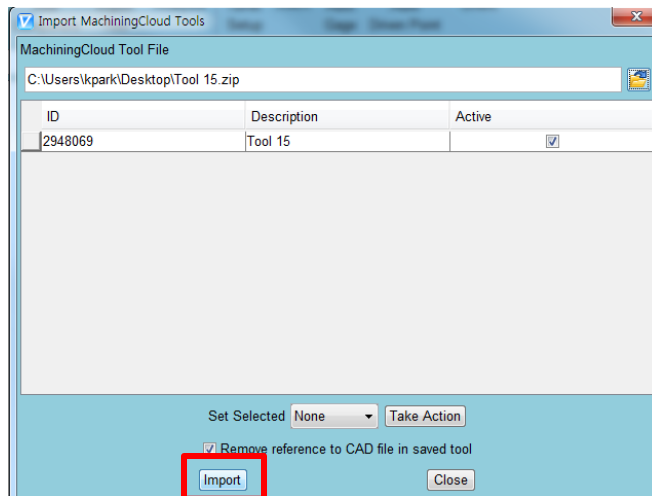
```
V) 도움말(H)
ding="utf-8"?>
gCloud GmbH 2016-->
Cription="" material="" owner="kyungMi Park" id="0" serverVersion="2.4.1.1">
es />
y name="Tool 15" id="2948069">
<measurements>
  <measurement name="DC" description="Cutting Diameter Max">50</measureme
  <measurement name="BD" description="Body Diameter Max">58.68</measureme
  <measurement name="APMX" description="Depth of Cut Max">5.5</measureme
  <measurement name="LF" description="Body Length Max">50</measurement>
  <measurement name="LPR" description="Tool Protrusion Length">50</measu
  <measurement name="LTA" description="tool assembly length (tentative)"
  <measurement name="OAL" description="overall length">50</measurement>
  <measurement name="DCONMS" description="Connection diameter machine si
```

Machining Cloud

■ 공구 찾기

1. 제품 별 검색

- 17) Import 클릭 시 어셈블리 공구 생성
=> 자동으로 홀더/커터 구분



Machining Cloud

- 동영상 참조
- <https://www.youtube.com/watch?v=inkkAiA8S04>
- 또는 유튜브에서
“vericut machining cloud”
로 검색

