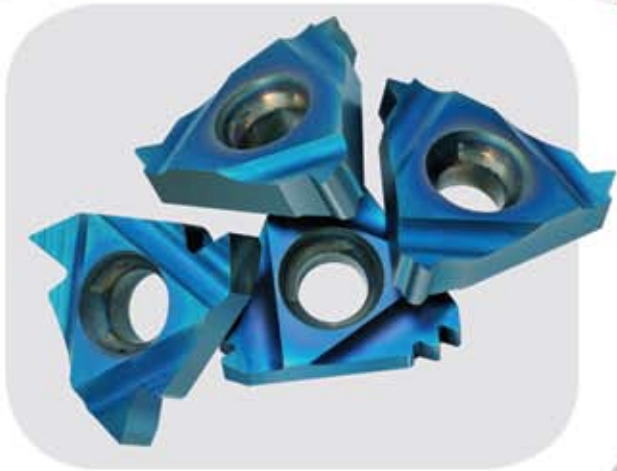


NEWS 2012-13



Carmex
Precision Tools Ltd.

x-treme thread cutting™



Company Profile

Carmex Precision Tools Ltd. is a leading manufacturer of high quality cutting tools. The company was founded in 1988 in Maalot, located in the beautiful North West region of Israel.

Product Lines

Carmex specializes in the production of threading tools for turning and milling. Our product lines include Thread Turning inserts and toolholders, Mill-Thread inserts and toolholders, Mill-Thread Solid Carbide and Spiral Mill-Thread. In addition to threading, we produce Grooving tools, Mini Chamfer mills and the Tiny Tools line of small boring bars for threading, turning and grooving of small parts. The company's different product lines are recognized worldwide for their advanced technology, reliable full range lines that offer accurate geometry, excellent cutting performance and extended tool life. Our products and service we provide live up to the highest standards and outperform them. Carmex also produces special tools in accordance with the customer's requirements.

Quality Assurance

In addition to our unyielding strive for high quality, speedy service and reliability, Carmex is certified by ISO 9001:2008, ISO 13485:2003, ISO 14001:2004, OHSAS 18001 and CE. Most of our customers' requirements are supplied immediately from our readily available wide range of inventory as well as from our agents and distributor's stocks around the world. In August 2008 Carmex completed its transfer to the new, state-of-the-art modern building. In addition to the construction we invested in advanced machinery and equipment as part of our strategy to keep our position in the first line of high technology.

Carmex Branches

In addition to its distributor's chain, Carmex has three independent sales branches. Each of them keeps Carmex's wide range of stock and employs talented, service oriented managers, engineers, technicians and administrators willing to fulfill the customers' needs.

C.P.T. GmbH, Stuttgart Germany serving Europe.

Carmex Precision Tools LLC, Wisconsin USA, serving North America and Mexico.

Carmex Italia Srl, Modena Italy.

Quality Certification



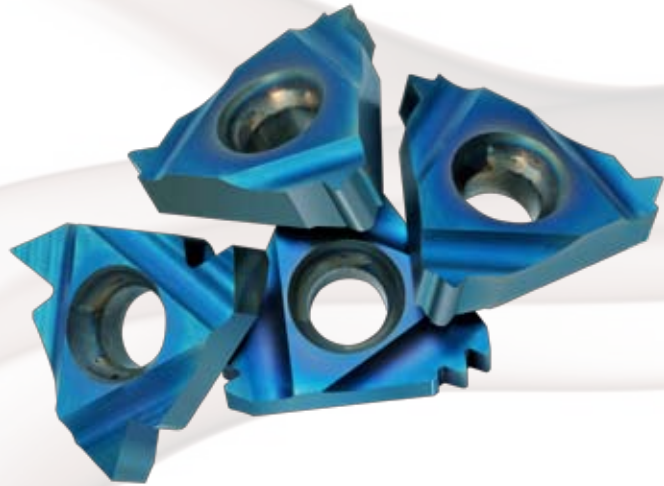
Carmex Thread Turning Catalogue and CNC Programming Software



The software is available at our website: www.carmex.com

New BLU Grade

Carmex presents a new sub-micrograin grade with PVD triple layer coating. The BLU grade provides a combination of very high strength with high wear resistance.



Quick Change Polygon Threading Toolholders

- Polygon shank
- ISO standard (26623) compliant for toolholding systems
- Polygon taper ensures automatic radial centering and even pressure around the coupling
- Enable quick tool changes
- ISO standard coupling system with a 1.4-degree tapered polygon shank design
- Interchangeable with leading manufacturers



Pipe Threads

Wide range of Inserts and Toolholders for Oil and Gas Threading applications

- API
- American Buttress
- Buttress Casing
- Extreme Line Casing
- VAM
- Specials



Grooving Inserts

Now available: size 11 mm (1/4") inserts from 0.5 mm to 1 mm groove widths.



External & Internal

ER / IL

Same insert can be used for EX.RH and for IN.LH.

IR / EL

Same insert can be used for IN.RH and for EX.LH.

Thread Whirling Tools



For Perfect Long Threads on Swiss Type Machines

Thread whirling enables fast and accurate production of special threads.

Used for medical components such as implants, bone screws and other small parts in the electronics, aerospace and defense industries.

- Enables production of small diameter long threads on Swiss Type machines.
- Shorter machining time - one pass thread forming is needed.

CMT Vertical Mill-Thread



Vertical thread milling indexable inserts and toolholders that perform a wide variety of threads.

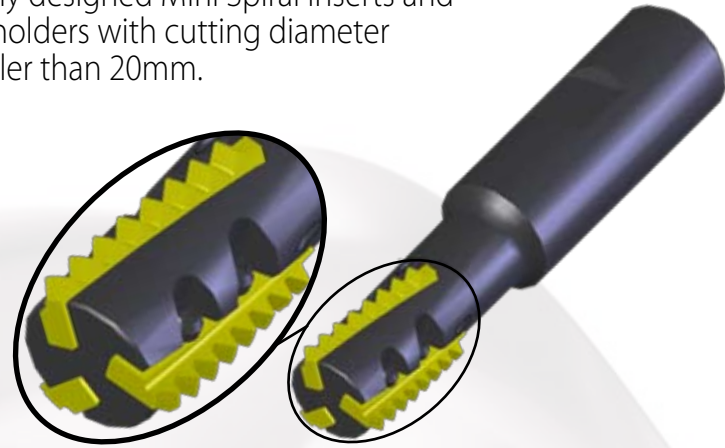


Expanding the product line with:

- C10 (Ø 10 mm) and C25 (Ø 25 mm) inserts and toolholders, for smaller and larger diameters.
- Inserts for Trapez and Acme
- Inserts for face milling and finishing
- Inserts with multi and spiral flutes:
 - Shorter machining time due to multi (5 to 6) flutes
 - Smooth cutting operation
 - Low cutting pressure

Spiral Mill-Thread

- New Spiral inserts and toolholders with cutting diameters 28 mm and 40 mm.
- Newly designed Mini Spiral inserts and toolholders with cutting diameter smaller than 20mm.



Heavy Metal Modular Mill-Thread Toolholders

- Carmex Heavy Metal modular holders are ideal for deep reach applications.
- Heavy Metal modular toolholders provide higher rigidity and dampening of vibration resulting in better finish.
- The unique clamping method enables optimal strength and indexability.
- Cost saving - Same shank can hold different heads.



Expanded Mill-Thread inserts line offering:

- UNJ
- American Buttress
- Acme



Mini Mill-Thread



- Thread mills for 3xD thread depth
- New thread mills for 4xD and 5xD thread depth

MTI - for threading deep parts

Expanding the product line with:

- Thread mills for Full Profiles ISO, UN
- Small diameter thread mills for Partial Profiles 55° and 60°
- Thread mills for Acme



DMT - 3 in 1, Drill, Thread and Chamfer

Circular movement produces the thread hole, the thread and the chamfer in one work piece.



DMTH

The new DMTH tools expand the range of the existing DMT line providing the ability to cut steels, hardened materials, stainless steels and super alloys.



Carbide Grade: MT11

- Advanced sub-micrograin carbide grade provides high strength and wear resistance.
- No need for internal coolant because the tools are designed to work with external coolant.
- PVD triple layer Blue coating for high performance in wide range of applications.

Tiny Tools

- NEW Threading Tools for MIR - NPT, Trapez, Acme
- NEW Products for most applications
- NEW Grade K20 - Uncoated Carbide grade for non ferrous metals, aluminum and cast iron



Vertical Thread Turning inserts and toolholders

- Carbide shank toolholders provides excellent vibration resistance
- Long reach
- Through coolant
- For Threading , Grooving, Boring and Chamfering
- Quick indexing
- Sub-micron grade with advanced PVD triple coating. Extreme high heat resistance and smooth cutting operation extends tool life

