

## Applicable to inserts: ADEX, ADMX, BNGX, LNEX, ONMX, SDET, SDMT, SNGX, SNMX, SOHT, TNGX, XDET, RNMU, WNHX, TDET

## Get 95% off the cutter

when purchasing 10 matching inserts per pocket



#### **Applicable to cutters:**

SRN10, SRN12,STD17, SAD07D, SAD11E, SAD16E, SLN12X, STN10, STN16, SBN10, SWN04C, SSN11, SSD13, SON06C, SSO12



Certainty at every turn<sup>™</sup>

# Cut through the chase: Indexable milling cutters



SAD 07/11/16

Fits ADMX & ADEX inserts



#### **Universal square cutters**

- Universal square shoulder milling cutters that work together with ADMX and ADEX inserts.
- Low cutting resistance helps in vibration sensitive applications, reduces spindle load and prevents work hardening.
- They are suitable for any milling application even HFC milling with specific ADEX inserts.

shoulder milling















**SBN10** 

Fits BNGX inserts



## **High-feed milling cutter**

- Productive high-feed machining of a wide variety of materials.
- The progressive SBN10 cutters are suitable for most milling applications.
- Its unique pocket design can also carry precise ANHX inserts (DC
   = 16 42 mm) for finishing of wall and bottom offering a complete package for die and mold applications from fast roughing to finishing.

high-feed milling











SLN12X

Fits LNEX inserts



## **Tangential square shoulder mill**

- Highly productive 90° shoulder mills utilising tangential LNEX 12 insert with 4 cutting edges.
- Suited for a wide range of applications.
- Available in cylindrical (DC = 25–40 mm), weldon (DC = 25–40 mm) and shell style (DC = 40–125 mm) with all featuring internal coolant systems.
- Robust cutter body supports long tool life and excellent breakage resistance.
- Its improved body strength and thick core offers enhanced rigidity, giving a reliable cutting process with low vibrations and long tool life for both the insert and cutter.
- Easily accessible large clamping screws provide simple indexing and handling of inserts.

shoulder milling











SON06C

Fits ONMX & SNMX inserts



## Face mill for negative inserts

- A new highly economical and productive face mill utilising two types of double-sided negative inserts.
- Economical octagonal ON..06 inserts with 16 cutting edges and APMX of 4 mm, and productive square SN..17 inserts with 8 cutting edges and APMX of 7 mm.
- Shell style (DC = 50–250 mm) available with differential tooth pitch.
- Body treated for longer tool life

shoulder milling













SSD13

Fits SDMT inserts



### Versatile 45° face mill

- Highly versatile 45° face mill utilising single sided SD..13 style inserts with APMX of 6.4 mm.
- Suited for a wide range of applications in any workpiece material.
- The SSD13F comes in Weldon and Shell styles with differential tooth pitch and a wide range of sizes.
- · Body treated for longer tool life.
- A carbide shim on the insert seating gives extra stability and process security, while protecting the cutter body for high durability.
- These new cutters also utilize internal coolant delivery for improved chip evacuation to achieve high surface quality.

face milling

















SSN11

Fits SNGX inserts

## **Economical high-feed milling cutter**

- Productive milling cutters for high feed machining.
- They are suitable for milling from mild stainless to hardened tool steels.
- Newly added with HM geometry.
- HFC cutters of larger diameters for use of double-sided inserts SNGX 11 with 8 bits.
- Max. depth of cut 1.7 mm.
- The recommended average chip thickness is from 0.20 to 0.46 mm.
- The cutters are suitable for a wide range of applications.
- From Ø 40 onwards, the cutters have variable tooth pitch.
- · All offered cutters have an internal cooling.

high-feed milling













**SSO12** 

Fits SOHT inserts



## Versatile high-feed mill

- A versatile high-feed milling family tailored for challenging workpieces in die and mold industry.
- Reliable tools with low vibrations, reduced noise, and exceptional power efficiency.
- Experience smooth cutting action, extended tool life, and significant energy savings — a smart investment into versatility and performance.

high-feed milling













STN10/16

Fits TNGX inserts



## **Economic milling cutters for double-sided inserts**

- STN10 are 90° cutters available in cylindrical shank and shell mill for use of double-sided TNGX 10 inserts with 6 cutting edges and max. depth of cut 5 mm.
- · All offered cutters have an internal cooling.

shoulder milling













SRN10/12

Fits RNMU inserts



## Copy milling cutters for demanding applications

- A copy milling family designed for demanding applications.
- Featuring economical double-sided round inserts with eight cutting edges, SRN maximizes material removal rates while reducing material costs by up to 20%.
- The positive geometries ensure smooth, efficient cutting, while enhanced stability delivers precision machining, even of hightemperature alloys.
- Available in both light and medium cutting geometries, SRN is the ideal solution for aerospace, energy, and other industries requiring high-performance machining.

copy milling









**SWN04** 

Fits WNHX inserts



### High precision modular cutter

- These modular cutters have a new design of clamping cylinder (DCON MS), which has a very steep cone with a natural selfcentering capability.
- Also, all SWN04C cutters are now blackened instead of nickelized, reducing tolerances of insert clamping and indexing.
- Both upgrades result in high precision clamping and reduced radial run-out to almost zero, while still remaining compatible with common modular holders.

high precision milling









STD17

Fits TDET inserts



## The newest shoulder milling family

- Unlock versatility and cost-efficiency with our new shoulder milling family.
- The STD range features four adaptable carriers and four triangular inserts. Each insert has three cutting edges and provides lower cost per workpiece, thanks to a higher performance.
- With four specialized geometries for light, medium, rough cuts, and efficient aluminium machining, this assortment handles depths of cut up to 11 mm and suits a wide range of applications.

shoulder milling















Stock up on indexable milling inserts

→ to activate 95% discount on matching cutter



**ADEX** 





- High feed milling
- Valid for SAD 07, 11, 16
- Wide range of application

**ADMX** 





- Shoulder milling
- Valid for SAD 07, 11, 16
- Wide range of application
- High productivity

**BNGX** 





- High feed milling
- Economical with 4 cutting edges
- · First choice for copy milling
- Valid for the SBN10

**LNEX** 

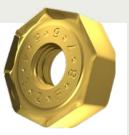




- Productive shoulder milling
- 4-edged ground insert
- Patented U-groove segment for excellent chip forming

**ONMX** 

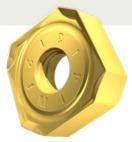




- Economical face milling
- Highly economical 16-edged inserts
- Geometries F, M and R for light, medium or rough cuts

**SNMX** 





- **Economical face milling**
- 8-edged roughing insert
- Steels, hard steels, stainless steels, HRSA, cast irons
- Medium and rough cuts

#### **SDMT**





- · Versatile face milling
- Geometries M and R for light, medium and rough cuts in a wide range of materials

#### **XDET**





- Face milling
- Wiper insert
- For steels, cast irons, stainless steels
- High-quality surface finish

#### **SDET**





- Versatile face milling
- Precision ground insert
- Stainless steel, HRSA and nonferrous materials
- · Light, medium and rough cuts

#### **SOHT**

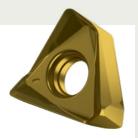




- High feed milling
- 4-edged HFC insert
- Steels, Cast irons, Hard steels, Soft steels, Stainless steels, HRSA.
- Light, medium and rough cuts

#### **TNGX**

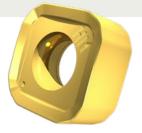




- Economical shoulder milling
- For milling steel and non-ferrous materials, mountings and slotting
- 6 cutting edges

#### **SNGX**

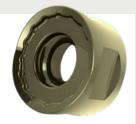




- High feed machining (HFC)
- For milling from mild stainless to hardened tool steels
- Newly added with HM geometry

#### **RNMU**

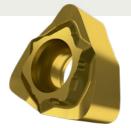




- Copy milling
- Economic double-sided round insert
- For soft steels, stainless steels, HRSA
- Light and medium machining

#### **WNHX**

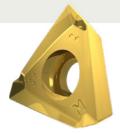




- Profile milling
- 6-edged finishing insert
- Hard steels, cast irons, steels and cast steels
- Finishing wall and face with long overhang

#### **TDET**





- Versatile shoulder milling
- Precision ground insert
- Suitable for all materials (P, M, K, N, S, H)
- Light, medium, and rough cuts





## Cut out for every milling operation

From heavy roughing to smooth finishing

- Wide product range
- Designed for maximum efficiency
- Durable & long-lasting
- Consistent & clean chip formation



### Benefits of our milling tools:

- ✓ Advanced geometries optimized for different materials steel, cast iron, aluminium
- ✓ Wide selection of cutters with internal cooling and differential tooth pitch for smooth operations
- ✓ New product lines boost productivity, save costs, and increase tool life
- $\begin{tabular}{ll} \checkmark & Clear insert-to-cutter compatibility for easy tool management \\ \end{tabular}$



Certainty at every turn™

Contact your Sales Engineer or Customer Service to take advantage of this offer.