2024 Upgrade Program Highlights Flyer

www.asimn.com
800-262-6025

WALTER
PROTOTYP
Xtra·tec® XT

WALTER
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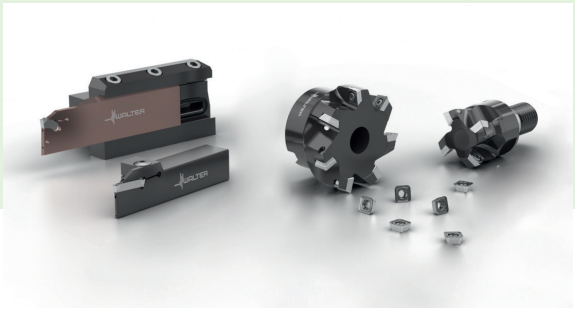
Promotion overview



Objective

This program is intended to upgrade the technology of the end-users by exchanging their current competitor tools to Walter product. The end-user receives the replacement tool holder free of charge with the minimum required purchase of inserts. **To qualify, the Channel or Walter FSE must take possession of competitor's product and discard**.

Tools included in Upgrade Program

- Indexable milling
- Parting and grooving
- Indexable drilling

Minimum required purchase of Inserts

Here is the minimum required purchase of inserts to qualify for a free replacement tool is:

Milling:
10 inserts per cutter body pocket
Example: End mill has 3 inserts (Z=3), 3 x 10 = 30 inserts required to purchase
(See milling family for requirements by sku)

Parting/Grooving:
No coolant through = 10 inserts
Coolant through tool = 20 inserts
(See grooving for requirements by sku)

Drilling:
D4120 series = 20 inserts per drill body
D4140 series = 4 inserts per drill body
(See drilling for requirements by sku)

Walter FSE Process

1. Based on application, select best product family
2. Indentify cutter body
3. Select grade and chip breaker of insert
4. Determine minimum number of inserts required
5. Secure order/remove competitor product

Channel Partner Process

- Channel orders the bodies and required inserts from Walter
- Channel Partner enters the Promo Code with the order: **WalterUP**

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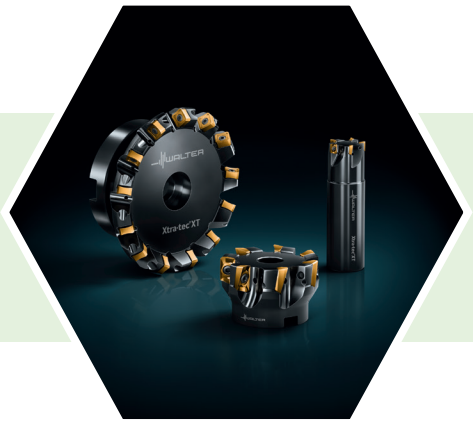
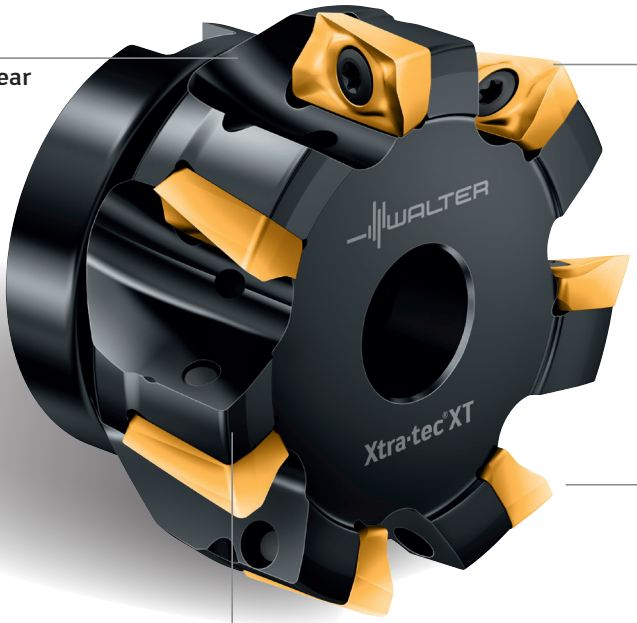


Performance and reliability in equal measure - a unique experience

What to determine

– Do you use indexable milling cutters currently?
– Would an increase in productivity of at least 20% be of interest to you?
– How would you like to consolidate your inventory of milling inserts?
– Can I bring a cutter in for you to test?

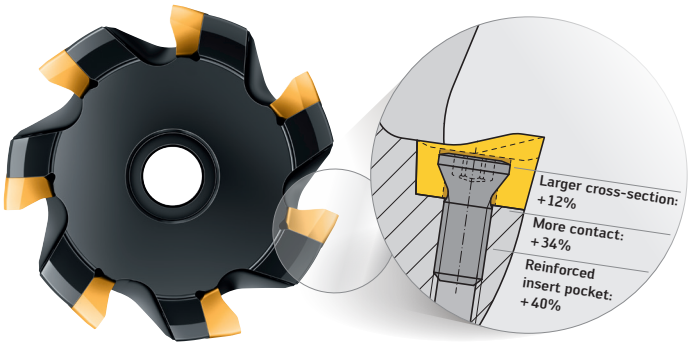


Protected against wear by a special surface treatment

Precise 90° shoulder

Positive, very soft cutting action

Maximum stability



Click here to order Xtratec XT tools

10 inserts per cutter body pocket
Example - Indexable end mill has 3 pockets (Z=3):
3x10=30 inserts required to receive free cutter body

Contact your local Walter FSE for requirements by SKU
USE PROMO CODE: WalterUP

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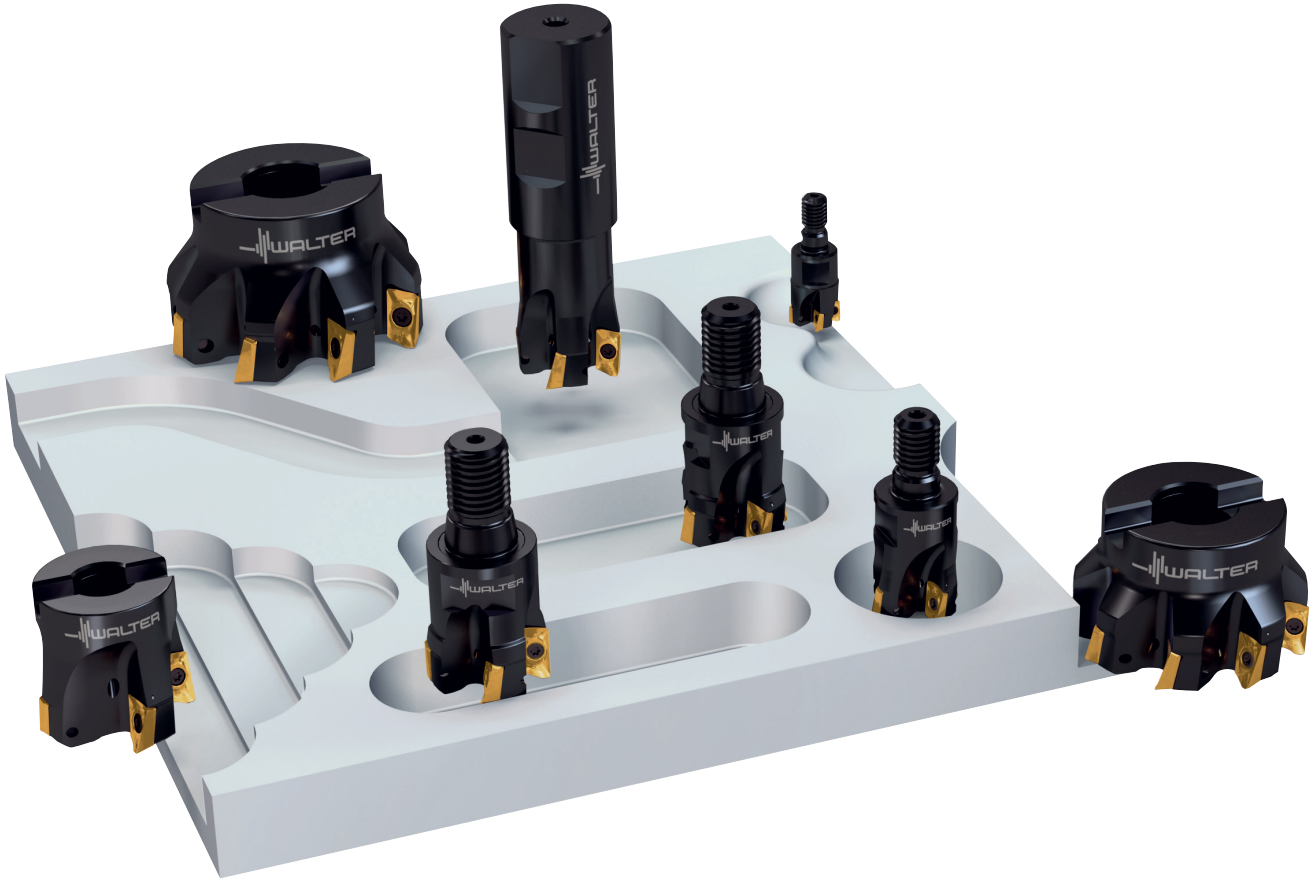
Performance and reliability extend your perspective.

Better performance, greater process reliability: The latest generation in the successful range of Walter milling tools not only meets both these requirements but takes them to a whole new level.
These two defining characteristics, evident in equal measure, are the product of an innovative and pioneering development process that is opening up a completely new perspective on productivity. The name alone means business: XT stands for Xtended Technology.



New pocket position design

More contact
– The smaller clearance angle of the indexable inserts results in a larger contact surface, which reduces surface pressure.

Reinforced insert pocket
– The optimised position of the insert pocket makes it more resilient and enables longer screws to be used.

Larger cross-section
– The larger insert cross-section surrounding the indexable insert hole ensures far higher stability.

Powered by:
Tiger·tec®Gold

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Xtra·tec® XT
M5009

Small indexable inserts, great productivity

What to determine
– What tools are you currently using to rough your parts?
– Do you need more productivity with this tool?
– Is your shoulder mill using the latest insert coating technology?
– Would you like to rough and finish with the same tool?
– Can I bring one in for you to try?

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Tiger·tec® Gold

10 inserts per cutter body pocket
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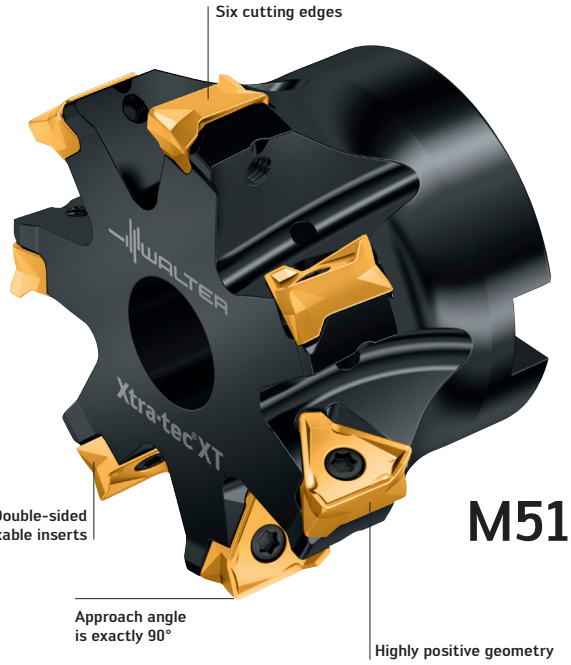
Xtra·tec®XT
M5130/M5137

Performance and reliability extend your perspective

What to determine
– Are you finishing with a 90 deg shoulder mill?
– Do you need more productivity with this tool?
– Is your shoulder mill using the latest insert coating technology?
– Do you need an easy system to generate your cutting data?
– Can I bring one in for you to try?

Powered by
Tiger·tec®Silver
Tiger·tec®Gold

M5130



M5137

10 inserts per cutter body pocket
Example - Indexable end mill has 3 pockets (Z=3):
3x10=30 inserts required to receive free cutter body

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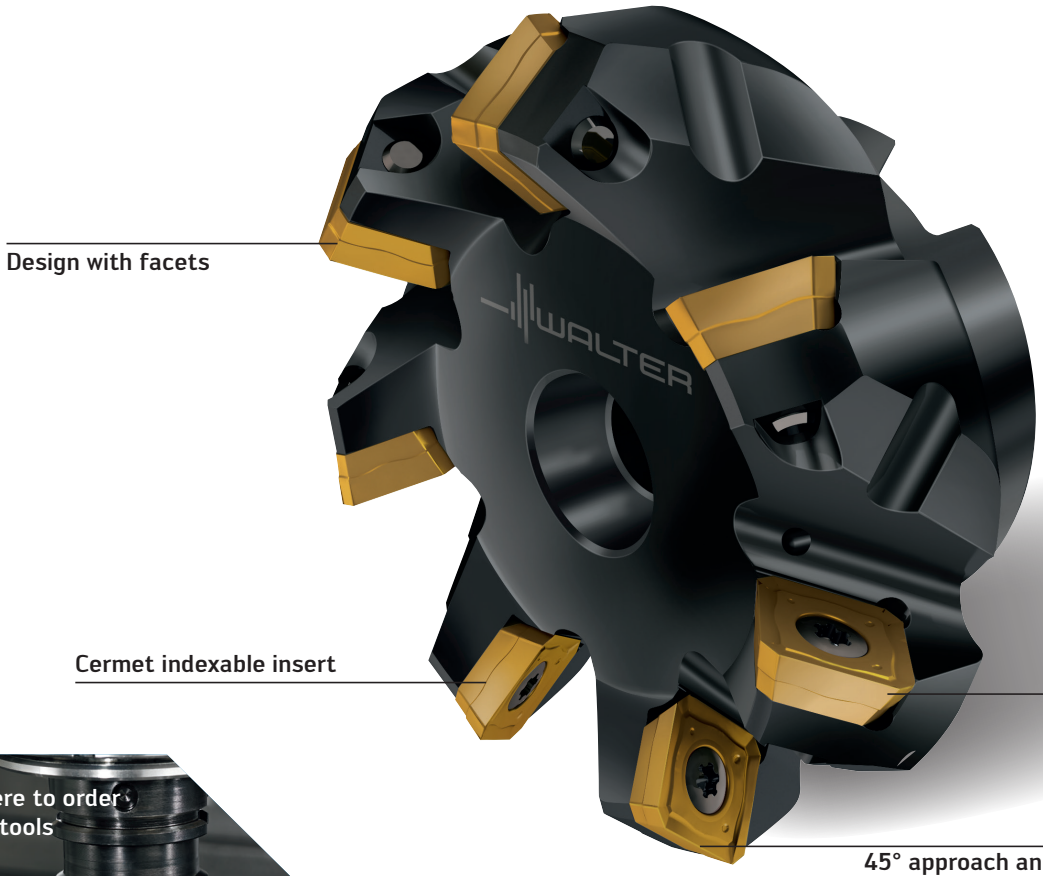
M4000

Engineered for more milling applications than ever before

What to determine

– Do you use indexable milling cutters currently?
– Would an increase in productivity of at least 20% be of interest to you?
– How would you like to consolidate your inventory of milling inserts?
– Can I bring a cutter in for you to test?



Powered by:
Tiger·tec® Gold
Tiger·tec® Silver

10 inserts per cutter body pocket
Example - Indexable end mill has 3 pockets (Z=3):
3x10=30 inserts required to receive free cutter body

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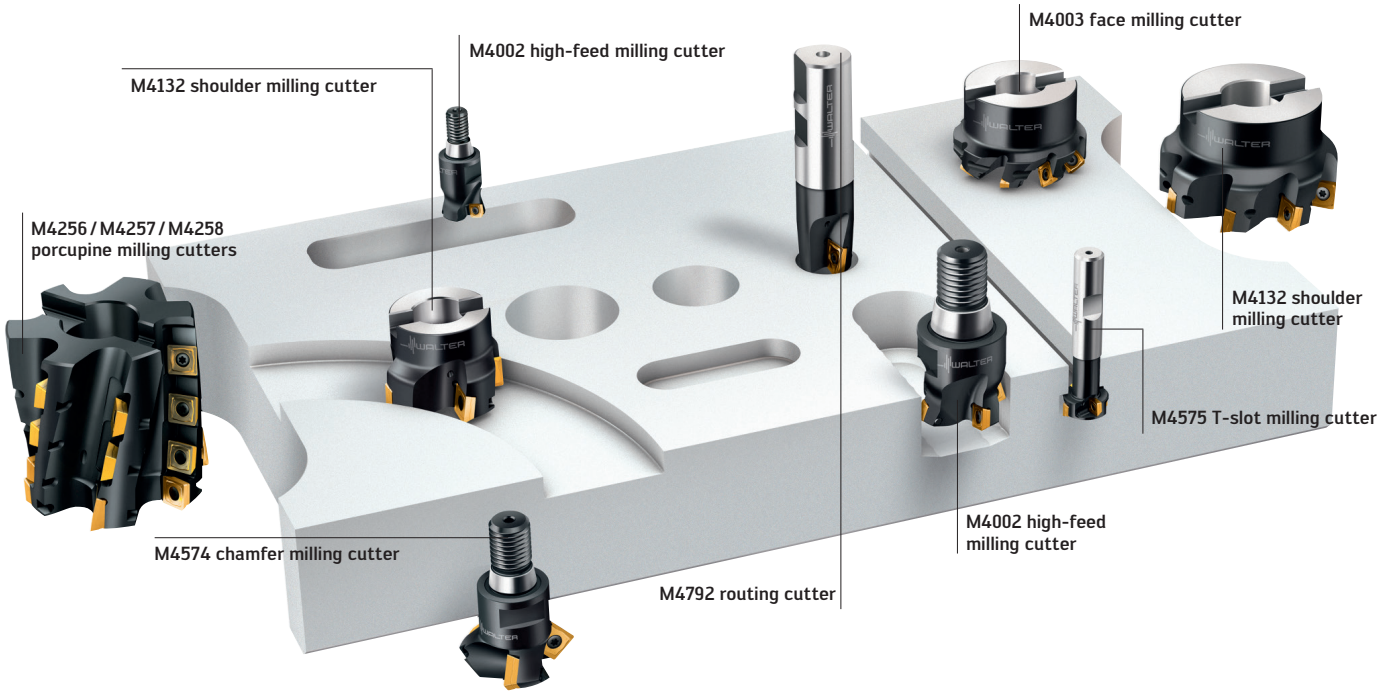
High performance made universal

M4000 is the universal system for all users who want to have as many options as possible when milling. The M4000 range can master all machining tasks with one type of indexable insert. Efficiency is also maximized due to extrememly easy handling and impressive performance data across the M4000 tool family.



System insert SD ...
- Square, positive basic shape
- Range of grades and geometries

Shoulder milling cutter M4132

High-feed milling cutter M4002

Face milling cutter M4003

Chamfer milling cutter M4574

T-slot milling cutter M4575

Routing cutter M4791

Routing cutter M4792

Porcupine milling cutters M4256/M4257/ M4258

Modular cutter M4258

Shoulder milling cutter M4130

Leading insert LD ...
- Rhombic, positive basic shape
- Range of grades and geometries

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Walter BLAXX

The benchmark for a new generation of milling cutters

What to determine

– Do you use indexable milling cutters currently?
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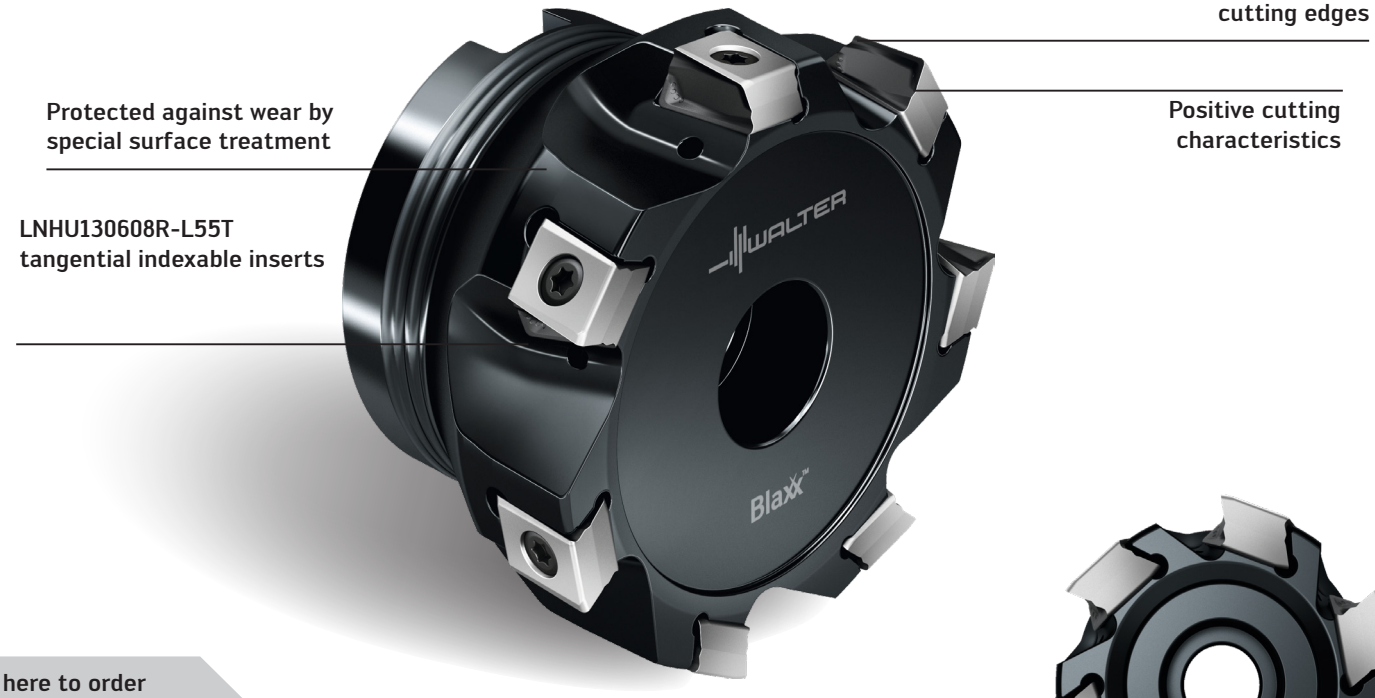
– Can I bring a cutter in for you to test?



Powerful cut from the high volume of carbide in the direction of the cutting force combined with maximum rigidity due to the large material cross-section in the mill body.

Click here to order Walter Blaxx tools

10 inserts per cutter body pocket
Example - Indexable end mill has 3 pockets (Z=3):
3x10=30 inserts required to receive free cutter body

Contact your local Walter FSE for requirements by SKU

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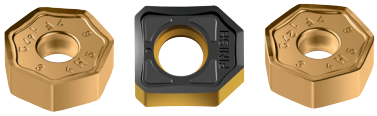
Power and precision you can rely on.

The extremely robust Walter BLAXX mill bodies and the best indexable inserts in the Walter range – powered by Tiger·tec® Silver and Tiger·tec® Gold. A system with impressive properties that has long been sought after on the market by demanding machine tool operators

System insert LN ...

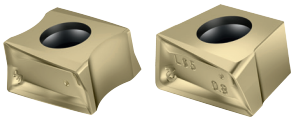
Helical cutter F5038 | Helical cutter F5138 | Shoulder milling cutter F5041 | Shoulder milling cutter F5141

Insert XN ...



Heptagon milling cutter M3024

Insert LNHX/XNHX



Porcupine milling cutter M3255

Insert LNMX

Heavy-duty cutter M3016

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Tiger·tec® Silver

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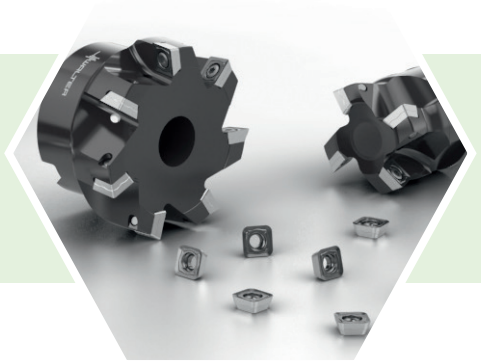
F2330



High-performance milling cutter

What to determine

– Do you use indexable milling cutters currently?
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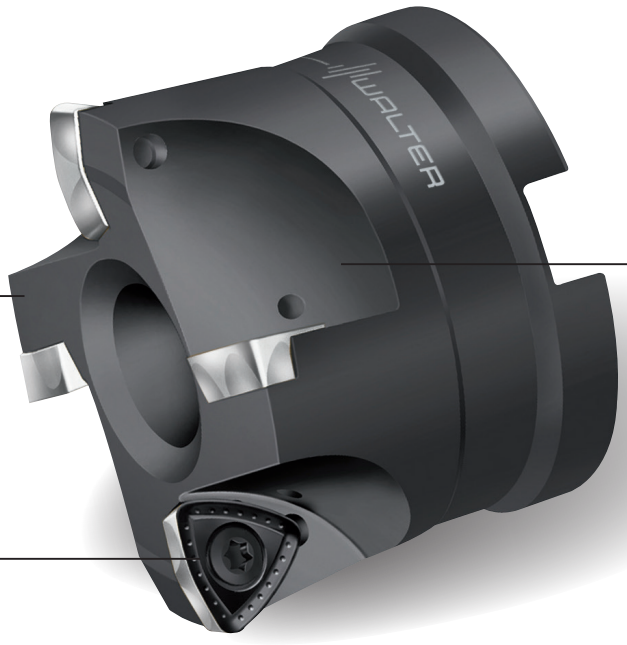
– Can I bring a cutter in for you to test?



Suitable for long projection lengths and diameters

Optimized chip removal from circular interpolation milling with process reliability

Lower cutting forces and shorter chips

Powered by:
Tiger·tec®Gold
Tiger·tec®Silver

Click here to order F2330

10 inserts per cutter body pocket

Contact your local Walter FSE for requirements by SKU
USE PROMO CODE: WalterUP

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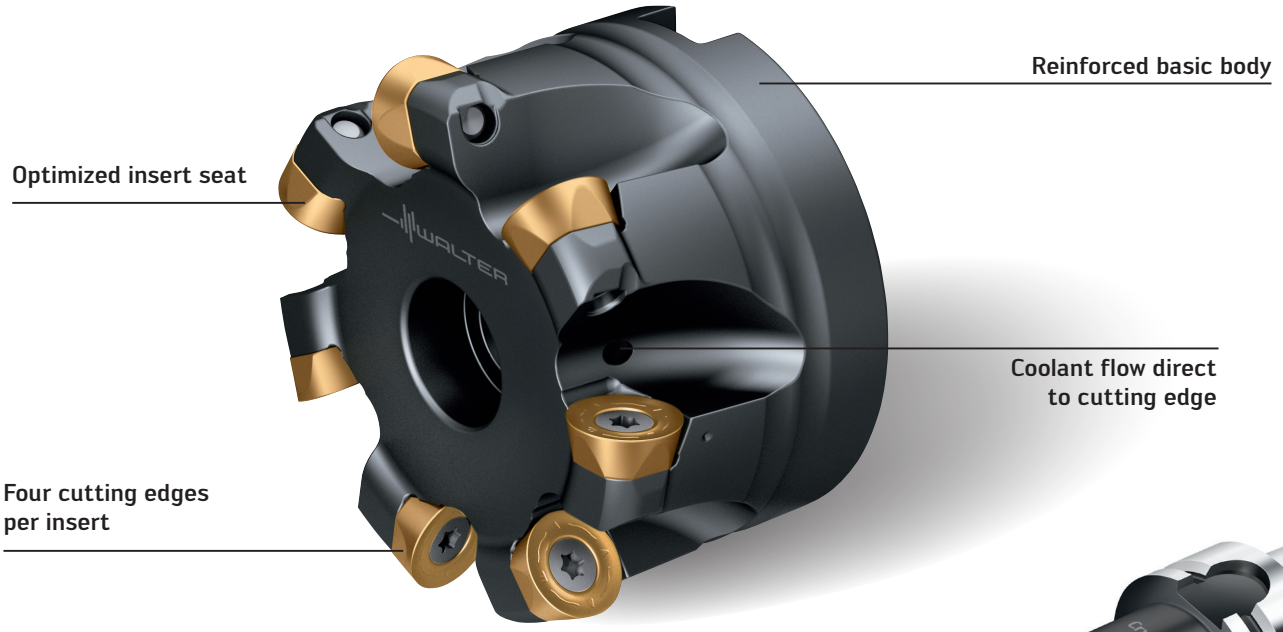
F2334R

Top performance when rough milling

What to determine

– Do you use indexable milling cutters currently?
– Would an increase in productivity of at least 20% be of interest to you?
– How would you like to consolidate your inventory of milling inserts?
– Can I bring a cutter in for you to test?

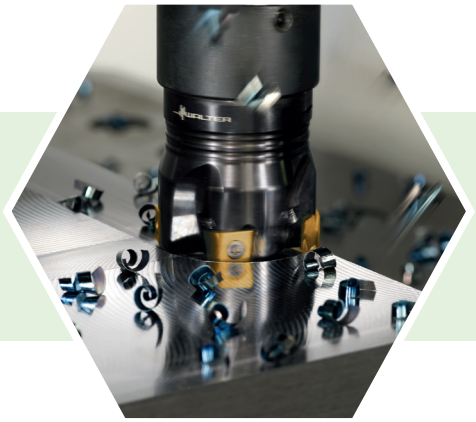


Click here to order F2334R

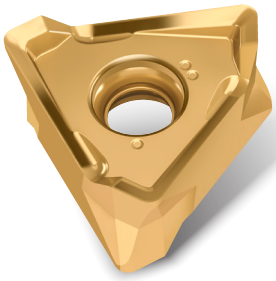
10 inserts per cutter body pocket

Contact your local Walter FSE for requirements by SKU
USE PROMO CODE: WalterUP

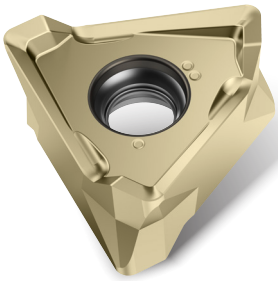
Tiger·tec®Gold



Always the perfect solution:
INDEXABLE INSERTS WITH CVD AND PVD COATING



TNMU-G57 – CVD coating



TNMU-G57 – PVD coating

Xtra·tec®XT M5137 shoulder milling cutter

tigertec-gold.walter

Tiger·tec®Gold

Efficiency-oriented businesses cannot make any compromises when it comes to milling. Customers seeking to optimize their production must not only improve their productivity, but also guarantee continuous process reliability.

This is exactly what Tiger·tec® Gold is designed for: Low wear and, as a result, optimum tool life. The result: Reliable processes, even under the toughest conditions. Customers who use Tiger·tec® Gold in their milling operations can be sure that their results will be reliable in every respect. What's more, the improved tool solution results in less downtime, which has a multiplying effect across the entire process.

The superior properties of Tiger·tec® Gold are based on several related factors.
The standout feature is the extremely tough and resistant TiAlN CVD layer, with an extremely high aluminum content. This is located directly underneath the TiN top layer and protects the substrate against abrasion, thermal cracks, plastic deformation and oxidation.

The eye-catching, gold-colored top layer enables outstanding wear detection and boasts impressive friction characteristics. Another intricate TiN layer is located between the carbide substrate and the TiAlN layer, ensuring excellent layer bonding.

Milling technology that's ahead of the game.

BCMT..-G55

ROMX...-F67

LNMU...-L55T

Xtra·tec®XT M5130 shoulder milling cutter

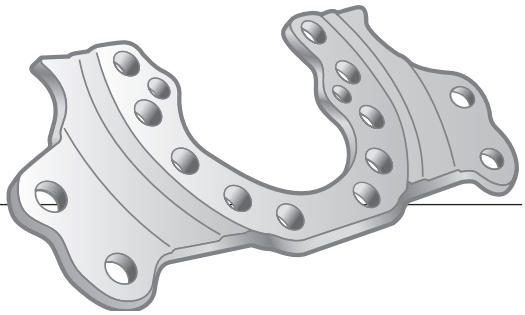
XNMU...-F27

XNMU...-F57

SDGT...-D57

SNMX...-F57

Application example
Flange

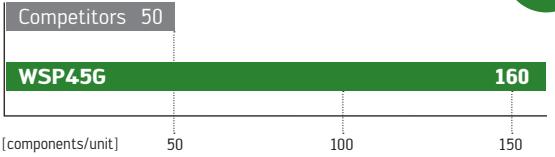


Material: S690Q (1.8928) – ISO P
Tool: M4002-080-B27-08-02
Indexable insert: SDMX1205ZDR-E27
Grade: WSP45G

Cutting data:	Competitors	WSP45G
v_c [sfm]	920	920
f_z [in]	.035	.044
a_p [in]	.051-.063	.051-.063
a_e [in]	1.18-1.57	1.18-1.57
v_f [in/min]	309	394

Comparison: Tool life quantity

+320%



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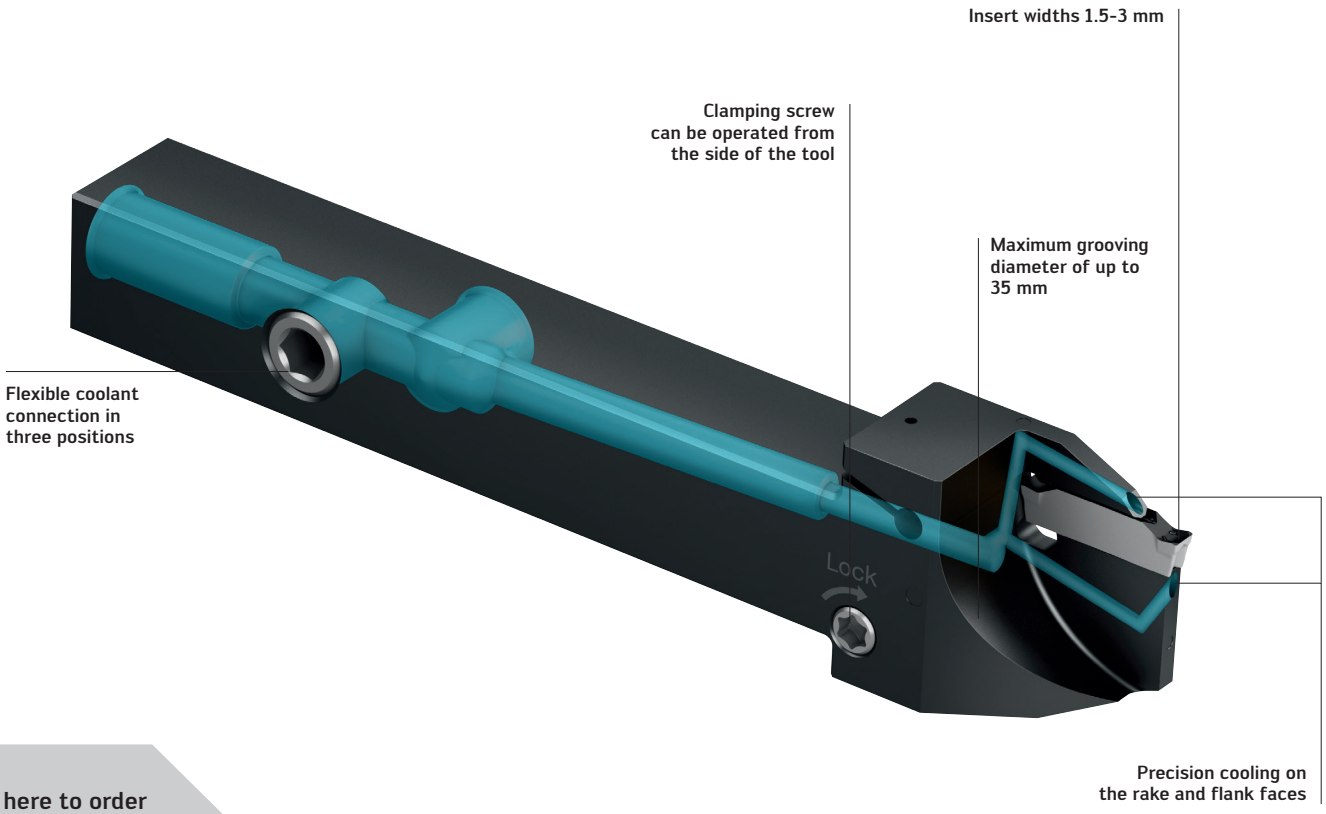
G4014/DX18

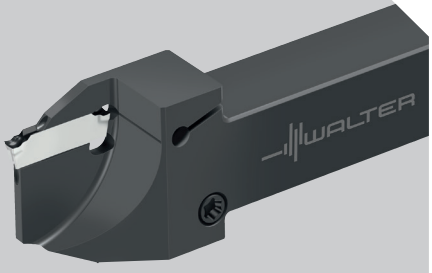
First choice for parting off diameters up to 1.378 in.

What to determine

– Do you use indexable milling cutters currently?
– Would an increase in productivity of at least 20% be of interest to you?
– How would you like to consolidate your inventory of milling inserts?
– Can I bring a cutter in for you to test?



Click here to order
G4014/DX18



Powered by:
Tiger·tec® Silver

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Non-coolant through - 10 inserts
Coolant through tool - 20 inserts

Contact your local Walter FSE for requirements by SKU

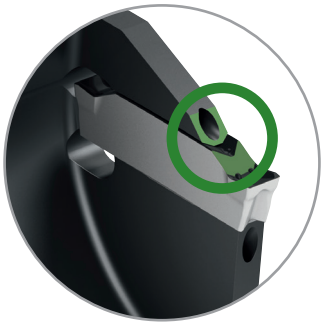
www.asimn.com
800-262-6025

Innovative parting-off system with SmartLock

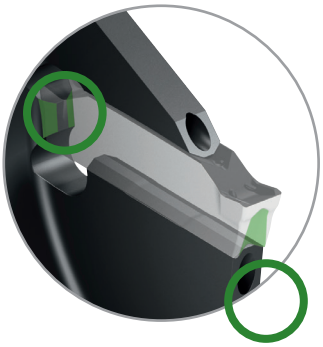
Due to its unparalleled handling benefits, the DX system is unlike any other currently available parting off system for Swiss type auto lathes and multi-spindle machines – especially where space is limited: The screw connection for insert clamping is fitted to the side instead of the usual position on the top ("SmartLock"). Only DX makes it possible to change the inserts in the machine. Because of this, the system does away with most of the change time. Attaching cooling hoses further amplifies this effect.

The technology

Raised insert design protects the top clamp and produces short chips

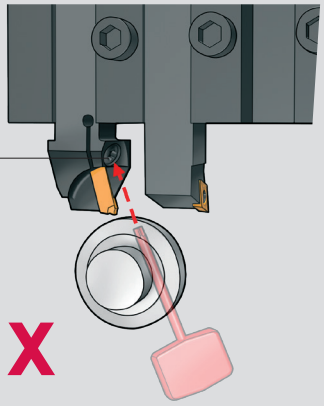


The patented positive engagement in the insert seat prevents the inserts from being incorrectly fitted



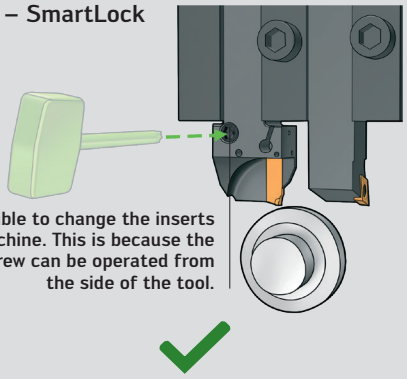
INDEXABLE INSERT CHANGEOVER

Competitors



No insert changeover possible in the machine. The holder has to be removed at this point for you to have access to the clamping screw.

Walter – SmartLock



It is possible to change the inserts in the machine. This is because the clamping screw can be operated from the side of the tool.

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Walter Cut

Combined with the DX system, Walter offers four unique cutting systems for all grooving applications

What to determine

– Do you use indexable milling cutters currently?
– Would an increase in productivity of at least 20% be of interest to you?
– How would you like to consolidate your inventory of milling inserts?
– Can I bring a cutter in for you to test?

MX

Tangential arrangement enables outstanding flatness and surface quality

GX

Universal “go to” system for grooving, groove-turning, and parting off

SX

Deep grooving and parting off with internal coolant

Click here to order Walter Cut

Powered by:
Tiger·tec® Silver

Non-coolant through - 10 inserts
Coolant through tool - 20 inserts

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One, two, or four cutting edges to maximize productivity

With the addition of the new DX system, Walter offers systems for any grooving application. From standard operations to unique solutions, with Walter grooving systems precision, production, and profitability are all achievable.

MX System

Multiply your success with four cutting edges

- Very user-friendly thanks to self-aligning tangential screw clamping
- High level of flexibility: All cutting edge variants can be used with the same toolholder
- Maximum tool life thanks to the latest Tiger·tec® Silver PVD cutting tool materials

GX System

Groove turning with cool precision

- Maximum productivity and cutting values due to optimal cooling, stability and controlled chip breaking
- Efficient parting off with two cutting edges (up to a diameter of 2.559" (65 mm))
- Best surface qualities and plane parallelism du to a long insert guide
- Shorter set-up times and greater process reliability due to omission of cooling nozzle alignment task

SX System

Parting off and slitting with new single-edged grooving system

- Maximum tool life due to new self-clamping system with positive locking
- User-friendly clamping system for fast replacement of the cutting edge
- Lower inventory costs through the use of one type of cutting insert in multiple tool variants

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D4140

Incomparably tough under all working conditions

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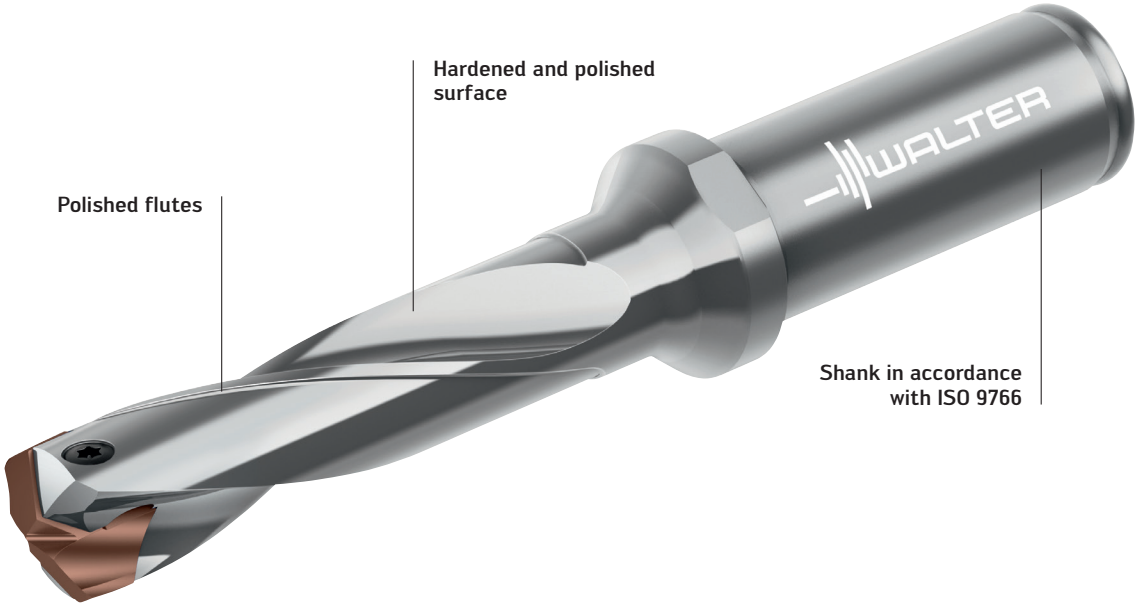
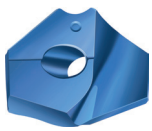
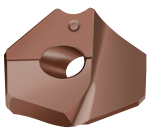


P6001



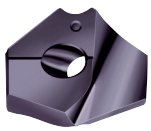
WPP45C specialist for ISO P

P6005



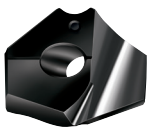
WKK45C specialist for ISO K

P6003



WMP35 specialist for ISO M and ISO S

P6004



WNN25 specialist for ISO N

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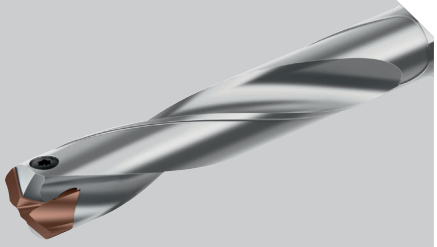


4 inserts per replacable tip drill

Contact your local Walter FSE for requirements by SKU
USE PROMO CODE: WalterUP

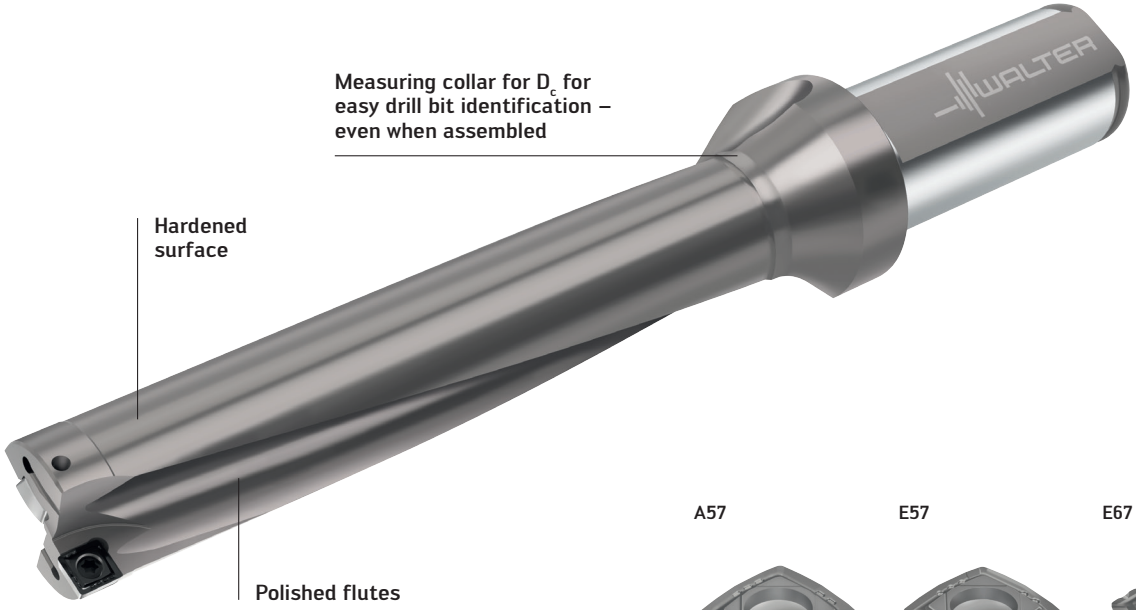
WALTER
Engineering Kompetenz

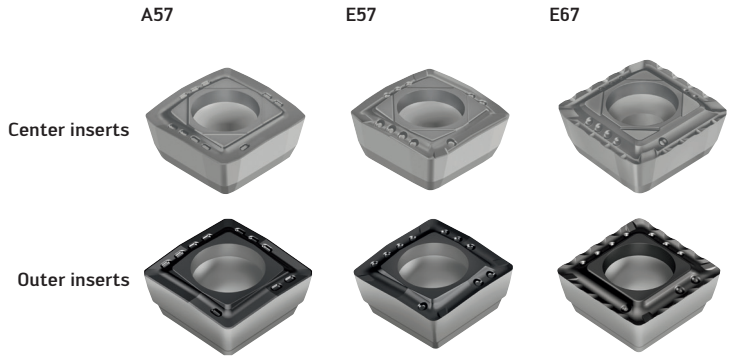
D4120

Perfect performance and precision

What to determine

– Do you use indexable milling cutters currently?
– Would an increase in productivity of at least 20% be of interest to you?
– How would you like to consolidate your inventory of milling inserts?
– Can I bring a cutter in for you to test?





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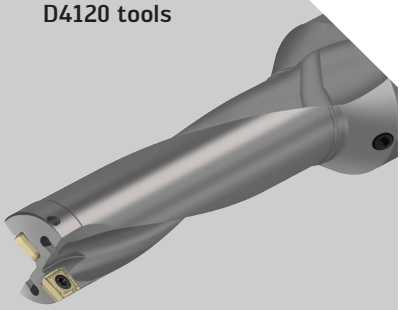

20 inserts per indexable insert drill

Contact your local Walter FSE for requirements by SKU
USE PROMO CODE: WalterUP

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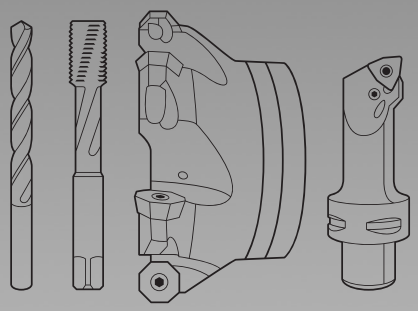

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