WALTER
Engineering Kompetenz

Turning, holemaking,
threading, milling

Product highlights
Edition 2025-1

_PRODUCT HIGHLIGHTS

Innovations that lead the way.


Groov·tec™ GD

ISO turning	Page
Walter Turn W1011-S-P/W1211/WL17 copy turning system	4

Grooving	Page
Groov·tec™ GD G5011 grooving system	6
Groov·tec™ GD UE6 and RE6 geometries	8
Tiger·tec® Gold CVD grooving grades WKP13G/WKP23G/WKP33G	9

Thread turning	Page
T12XX TS internal thread indexable inserts and boring bars	10

Drilling from solid	Page
Drivox·tec™ Ikon DD170 Supreme	12

Boring tools with indexable inserts	Page
Drion·tec® D-Spade D5142 double-sided replaceable tip drill	14

Thread milling	Page
TC620 Supreme thread milling cutter	16
TC645 Supreme thread milling cutter	18
Walter thread milling grade WSM37G	19

Solid carbide milling tools	Page
MD340 ConeFit	20
ConeFit milling cutter	21

Milling tools with indexable inserts	Page
Tiger·tec® Gold WPP35G milling grade	22
G67 geometry for Xtra·tec® XT M5008 high-feed milling cutter	24
F2252 slotting cutter	25

Small – with excellent stability and cost-efficiency.

EXPANSION OF THE RANGE

NEW ADDITION TO THE PRODUCT RANGE

- W1011-C Walter Capto™ tools in C3/C4 for WL17
- W1011 2525 square shank tools for WL17 and 3232 for WL25
- W1011-S-P: Inch long turning toolholders 1/2", 5/8"
- W1211: Inch boring bars 1/2", 5/8", 3/4"
- WL17... MP4 and MM4 geometries in right-hand and left-hand versions
- WL17... FP4 in the Tiger·tec® Gold WPP20G grade

THE TOOL

- Copy turning system with WL positive engagement on toolholder and indexable insert
- 50% higher indexing accuracy (compared to ISO indexable inserts)
- Neutral, right-hand and left-hand inserts can be used in the same tool

THE INDEXABLE INSERTS

- Three-edge, positive indexable inserts with WL positive engagement
- FP4, MP4, FM4 and MM4 geometry with 35° point angle

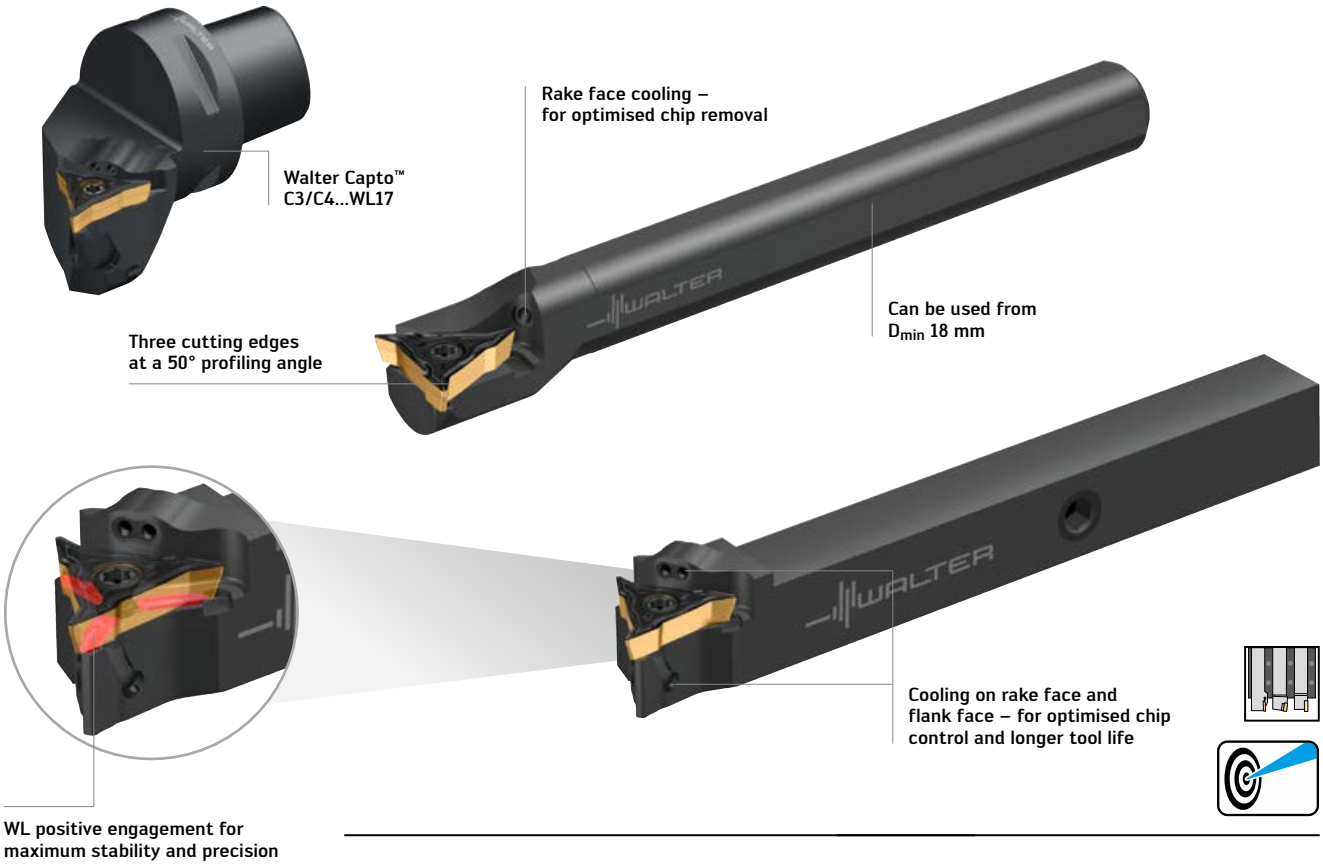


Fig.: W1011-C3R-WL17-P

Fig.: W1211-12MR-WL17
Fig.: W1011-1212R-WL17-P

POTENTIAL BENEFITS

- High level of dimensional stability thanks to positive-locking, robust WL connection
- Maximum tool life thanks to the option of forward and reverse turning
- Cost-effective: Lower tool costs thanks to three cutting edges

THE APPLICATION

- Copy turning of recesses up to 30° or 50°
- Forward and reverse turning operations
- High-precision components
- Replacement for ISO VBMT, VCMT, DCMT indexable inserts (with just two cutting edges and lower stability)

W1011-S-P

- Automatic lathe and multi-spindle machines having up to 150 bar of coolant pressure

W1210/W1211

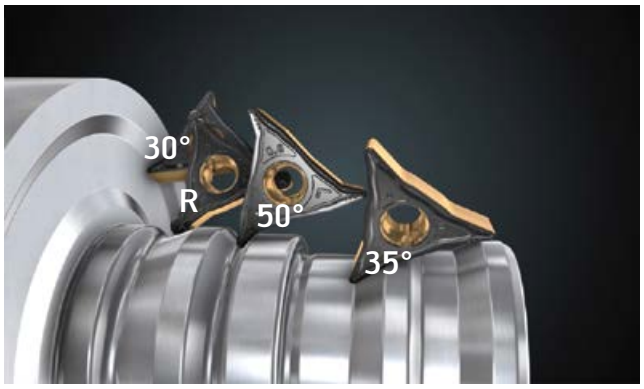
- Internal copying turning, facing and axial grooving

THE TECHNOLOGY

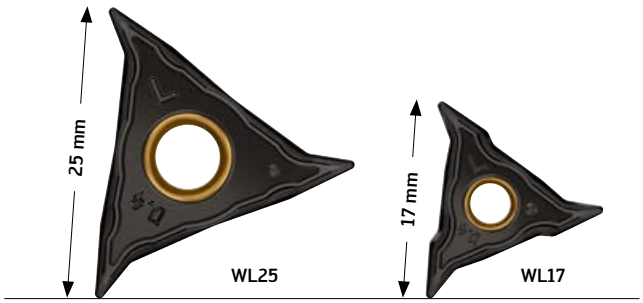
Walter Turn W1011-P copy turning tool for forward and reverse turning, uses two cutting edges and makes higher feeds possible.

Walter Turn WL positive engagement with three contact surfaces

Indexable insert types and applications



Size comparison of insert types



Double the serration – double the reliability.

NEW

NEW ADDITION TO THE PRODUCT RANGE

- UE6 – groove turning geometry for medium machining
- RE6 – full-radius geometry for medium machining
- G5011 grooving tools with cutting depths of 26 and 33 mm

THE TOOL

- Groov·tec™ GD grooving tool G5011/G5011-P with and without precision cooling
- Indexable insert clamping can be operated from both sides
- Four cutting depths (T12, T21, T26, T33) for parting-off diameters up to 65 mm
- Shank sizes: 16x16, 20x20 and 25x25 mm; and 0.625, 0,75 and 1 inch

THE INDEXABLE INSERTS

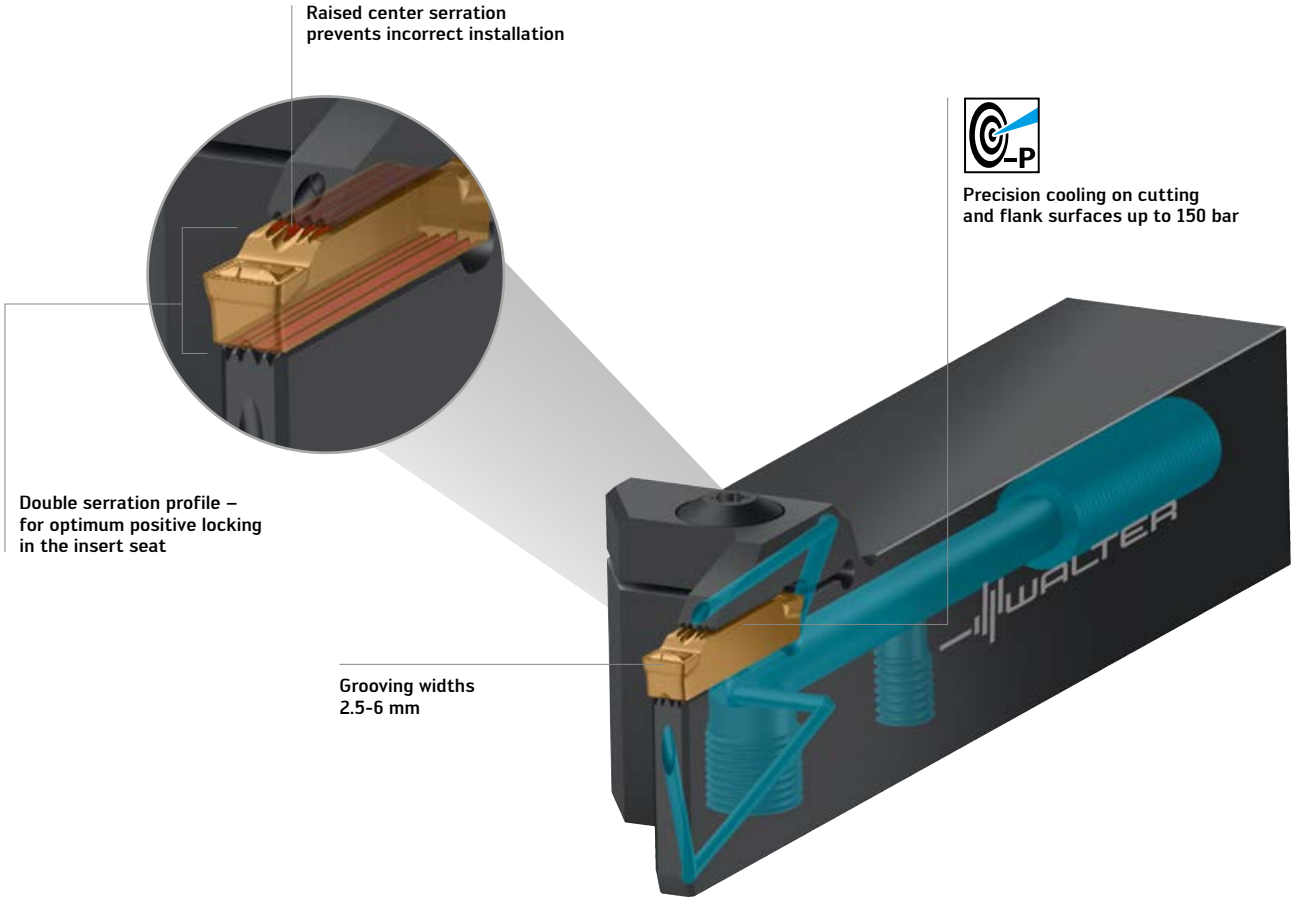
- Patent-pending, double-edged GD26 cutting inserts with double serration clamping profile
- Grooving widths: 2.5 / 3.0 / 4.0 / 5.0 / 6.0 mm

THE GEOMETRY

- Parting off and grooving: CE4, CF5, CF6, GD6 and GD3
- Groove turning: UA4, UD4, UE6, UF4 and UF8
- With full radius: RD4, RE6 and RF8

THE GRADE

- 4 Tiger·tec® Gold PVD grades: WSM13G, WSM23G, WSM33G and WSM43G
- For steel, stainless steels and difficult-to-machine materials
- 3 Tiger·tec® Gold CVD grades: WKP13G, WKP23G and WKP33G
- For steel and cast iron machining



Powered by Tiger·tec®Gold

Groov·tec™ GD grooving system

Fig.: G5011-2525R-5T21GD26-P

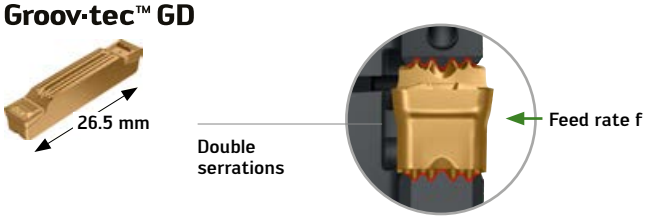
THE APPLICATION

- Radial grooving and parting off, recess turning and copy turning up to 26 mm grooving depth
- Universal use on lathes of all kinds

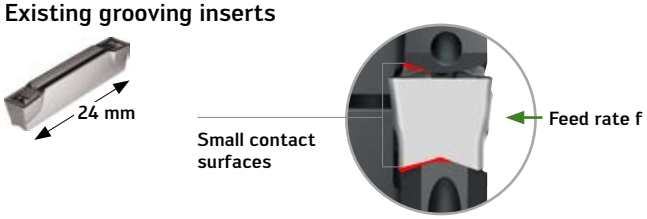
THE TECHNOLOGY

- New insert design with double serration profile. The GD26 cutting insert and tool body (insert seat) are optimally interlocked. The positive fit absorbs lateral forces better during longitudinal and copy turning
- Conventional systems (e.g. without double serrations) are significantly less stable in comparison.

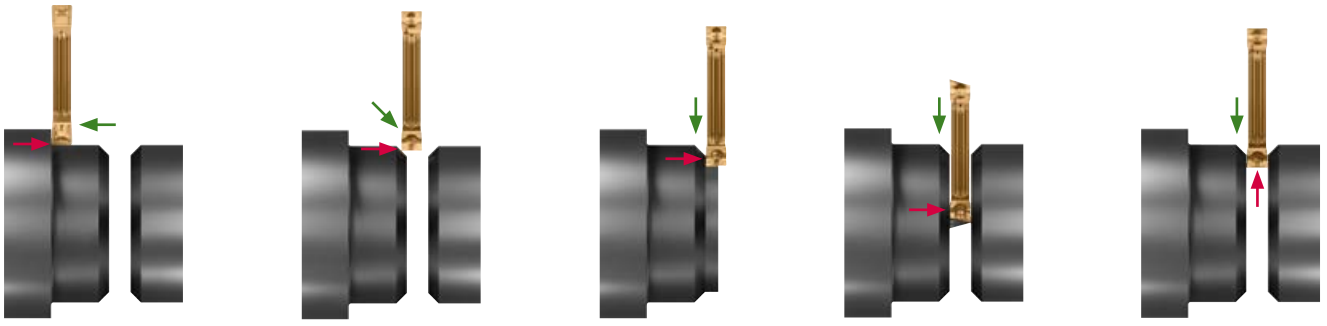
Groov·tec™ GD



Existing grooving inserts



Greater stability in all applications – with Groov·tec™ GD



Feed rate (f)
F_{axial}

POTENTIAL BENEFITS

- Increased stability and process reliability thanks to Groov·tec™ GD serration profile
- Increased cutting parameters thanks to new serration profile and precision cooling
- Maximum productivity and service life thanks to wear-resistant Tiger·tec® Gold grades

Duo for optimum chip control.

NEW

THE GEOMETRY

– Insert width: 3–6 mm

UE6

– Good chip control in all grooving operations
– Machining parameters f: 0.04–0.40 mm; a_p: 0.1–3.5 mm
– Extremely large chip breaking range

RE6

– Full-radius insert for copy turning and relief turning
– Machining parameters f: 0.10–0.60 mm; a_p: 0.1–3.0 mm
– Excellent chip control

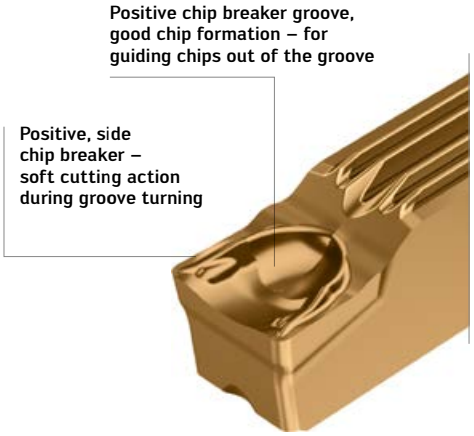
THE APPLICATION

UE6

– For all grooving, parting-off and groove turning operations, radial and axial
– Ideal for machining ISO materials from groups P, M, S and N
– Low cutting forces

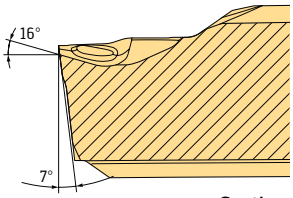
RE6

– 230° machining angle
– Grooving and copy turning, radial and axial
– For outstanding surface quality
– For reducing cycle times due to dynamic turning

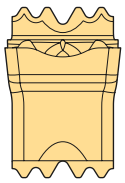


Groov·tec™ GD RE6 chip former

Fig.: GD26-5E500N04-UE6 WSM33G



Section: Main cutting edge

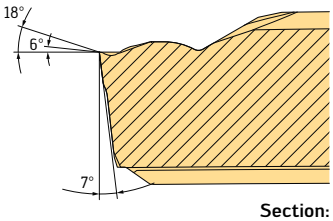


View: Main cutting edge

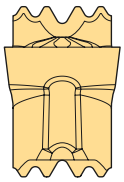
Powered by
Tiger·tec Gold
Groov·tec™ GD

Groov·tec™ GD RE6 chip former

Fig.: GD26-5E500N30-RE6 WSM33G



Section: Main cutting edge



View: Main cutting edge

POTENTIAL BENEFITS

– Chip breaking in all directions due to UE6 geometry for all grooving and groove turning operations
– Optimum chip breaking due to RE6 geometry with full-radius grooving and copy turning chip former
– No production downtime caused by long chips

Wear doesn't stand a chance.

EXPANSION OF THE RANGE

NEW ADDITION TO THE PRODUCT RANGE

– Single-edged SX cutting inserts for grooving and parting off in the WKP23G universal grade

THE INDEXABLE INSERTS

GD26 Groove·tec™ GD
– Patent-pending, double-edged GD26 cutting inserts with double serration profile for perfect positive engagement in the insert seat
– For G5000 tool types

DX18
– Double-edged DX18 cutting inserts with top, bottom and back pocket support for strong insert seating
– For G4000 tool types

SX
– Single-edged SX cutting inserts with positive engagement and self-clamping system
– For G2000 tool types

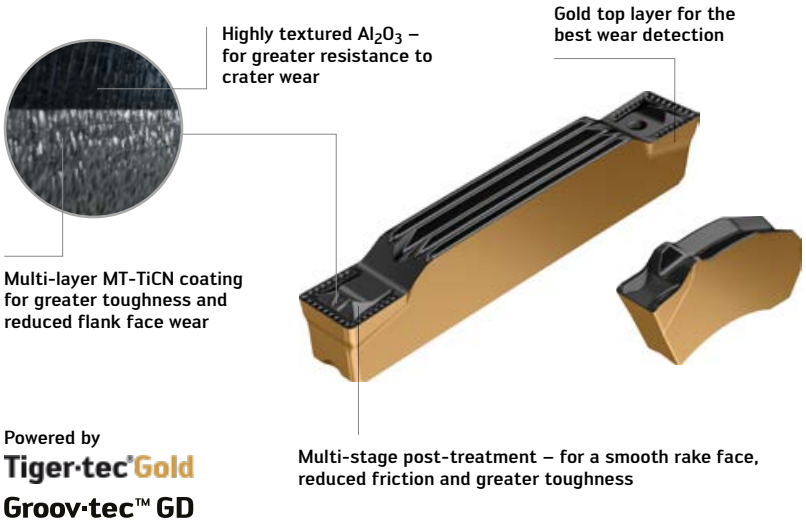
THE APPLICATION

– CVD grades; primary application: Groove turning, copy turning and grooving
– Secondary application: Parting off

WKP13G (ISO P10 ; ISO K20)
– High wear resistance and cutting speed
– Continuous cut

WKP23G (ISO P20 ; ISO K25)
– High wear resistance and cutting speed
– Continuous to occasional interrupted cut
– Universal grade for approx. 80% of all applications

WKP33G (ISO P30 ; ISO K30)
– Excellent wear resistance and toughness
– For unfavorable conditions and interrupted cuts
– Steel and cast iron materials

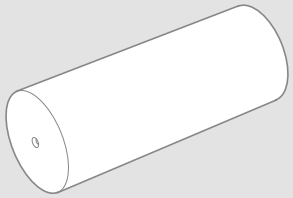


Powered by
Tiger·tec Gold
Groov·tec™ GD

Fig.: GD26-4E400N04-UD4 WKP23G
Fig.: SX-3E300N02-CE4 WKP23G

APPLICATION EXAMPLE

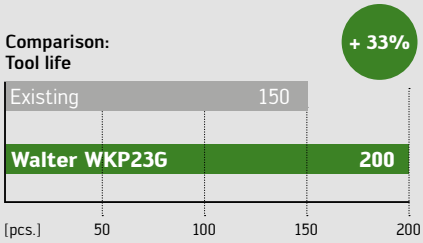
Role



Material:	100CrMo7-3 / DIN 1.3536
Strength:	700 N/mm²
Tool:	G2042.32N-4T50SX
Indexable insert:	SX-4E400N02-CE4 WKP23G

Cutting data:	Existing	**WKP23G**
v_c (m/min)	130	130
f (mm)	0,12	0,12
T (mm)	28	28
Tool life (pcs.)	150	200

Comparison: Tool life



POTENTIAL BENEFITS

– High level of cost-efficiency due to Tiger·tec® Gold coating
– Average increase in tool life of around 50%
– High productivity, short machining times – ideal for mass production
– Wear-resistant cutting tool material (alternative to WSM grades)

Thread turning with Tiger technology.

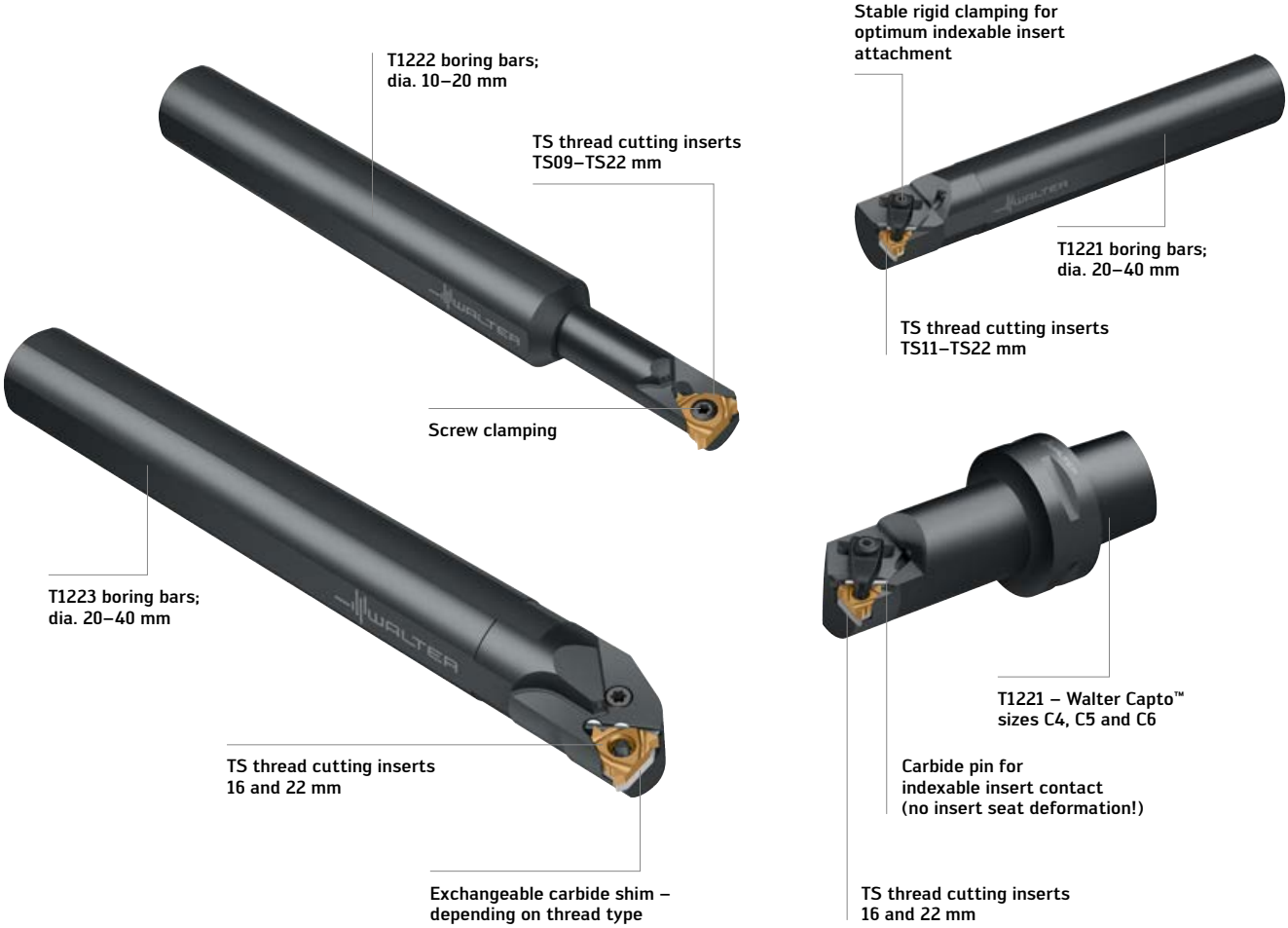
NEW

THE TOOL

- T1221 internal thread boring bars with rigid clamping
- T1221-C internal thread Capto boring bars with rigid clamping
- T1222 internal thread boring bars with screw clamping
- T1223 internal thread boring bars with toggle clamp

THE INDEXABLE INSERTS

- TS thread turning indexable inserts in sizes TS09/TS11/TS16 and TS22 mm
- Precision-ground multi-tooth indexable inserts for high accuracy and productivity
- Chip breaker geometries F5 and M5
- Large standard program; specials on request



Powered by
Tiger·tec®Gold

TS threading system

Fig.: T1222-A16KL-12-TS11
Fig.: T1223-A25RL-29-TS16

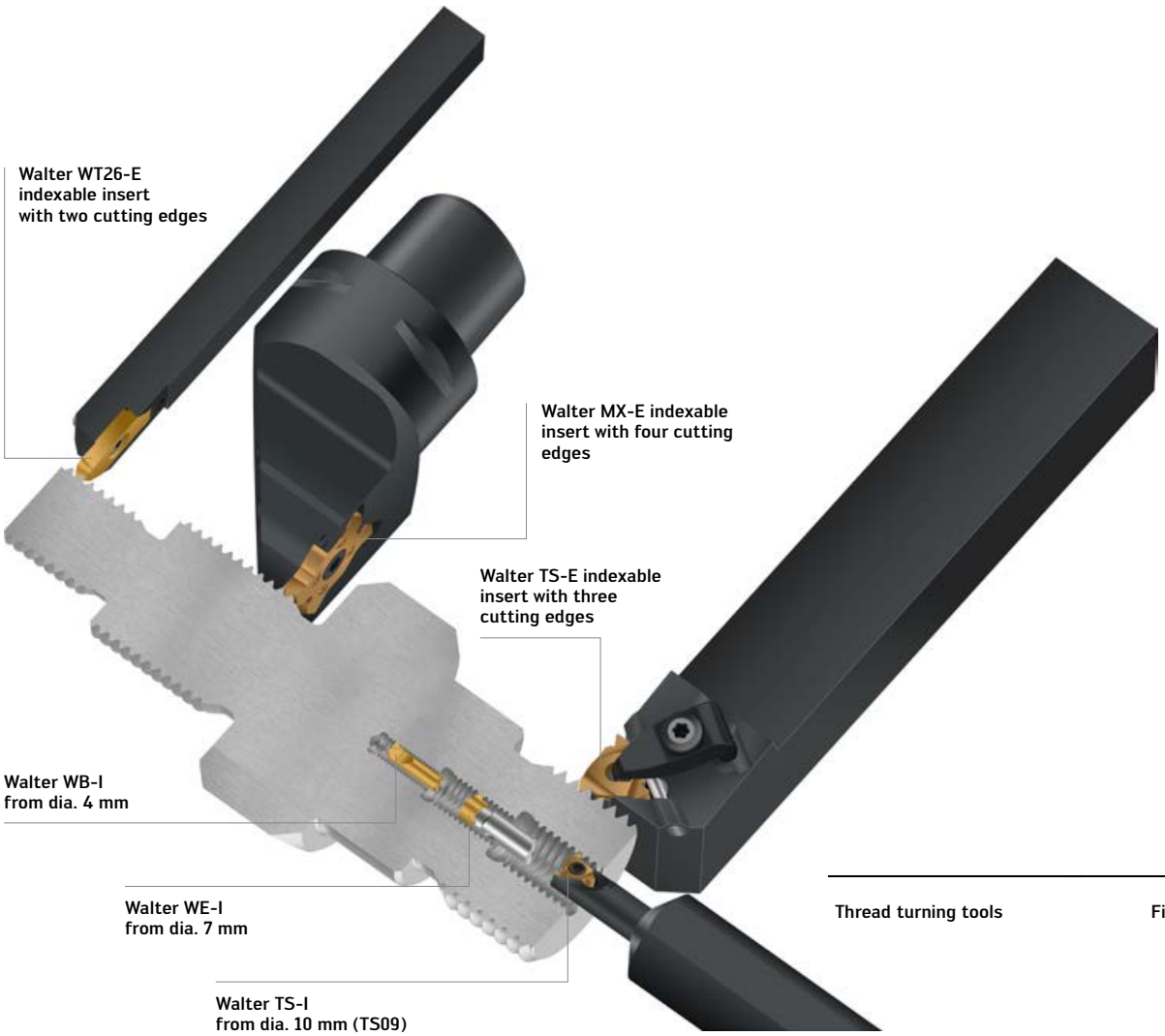
Fig.: T1221-A20QR-24-TS16
Fig.: T1221-C5R-17070-TS16

THE APPLICATION

- Reusable full-profile threads: ISO, UN and UNJ
- Permanent full-profile threads for pipes and fittings: W, BSPT, NPT/NPTF, RD
- Motion-transmitting full-profile threads: TR, ACME, BUTT
- Partial profile thread: 55° and 60° V-profile

Size comparison

TS09 TS11 TS16 TS22



Thread turning tools Fig.: TS-Family

POTENTIAL BENEFITS

- High level of cost-efficiency due to small TS09 indexable inserts with three cutting edges from D_{min} 10 mm
- Wide selection of different thread production systems
- Maximum productivity and service life thanks to multi-tooth inserts and Tiger-tec® Gold grades

_DRIVOX·TEC™ IKON DD170 SUPREME

The new face in boring.

NEW

THE TOOL

- DD170 Supreme solid carbide drill with internal coolant
- Dia. 3–20 mm

Dimensions – standard:

- 3 × D_C in accordance with DIN 6537 short
- 5 × D_C in accordance with DIN 6537 long
- 8 × D_C in accordance with Walter standard
- 12 × D_C in accordance with Walter Norm

Dimensions – Walter Xpress:

- Up to 12 × D_C
- Chamfer drill
- Step drill
- WJ30EY: K30F, AlTiN multi-layer tip coating

THE APPLICATION

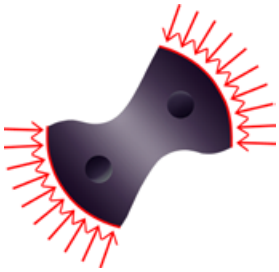
- ISO material groups P and K
- Can be used with emulsion, oil and MQL
- Areas of use: Automotive industry, aerospace industry, energy industry, mold and die making, general mechanical engineering

Fig.: DD170-12-08.500A1-WJ30EY

Shank in accordance with DIN 6535 HA; shank end in accordance with DIN 69090

360° cooling

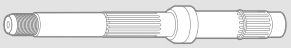
Continuous guidance



Raised tip – for the best centring

APPLICATION EXAMPLE

Drive shaft

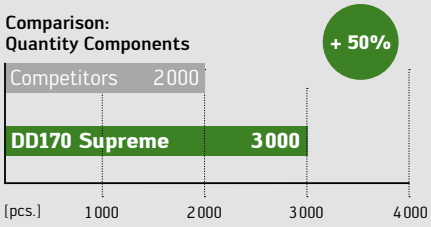


Material:	16MnCr5 - Bar material
Strength:	207 HB
Tool:	DD170 Supreme DD170-12-11.000A1-WJ30EY
Cooling:	Emulsion 15 bar

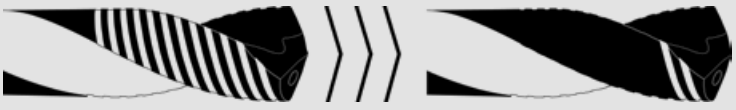
powered by Krato•tec®

Cutting data:	Competitors	**Walter DD170 Supreme**
v_c (m/min)	120	120
n (mm^{-1})	3 474	3 474
f (mm/U)	0,25	0,25
vf (mm/min)	869	869
Drilling depth (mm)	100	100
Components (pcs.)	2 000	3 000

Comparison: Quantity Components



Regrinding scale for maximum cost-efficiency



POTENTIAL BENEFITS

- Maximum process reliability in difficult applications such as those involving cross holes or inclined exits
- Maximum productivity due to Krato·tec® coating technology
- Best positioning due to innovative new tip geometry – no pilot drilling up to 12 × D_C

Also available as

Walter Xpress

The world's first replaceable tip drill with two cutting edges.

NEW

THE TOOL

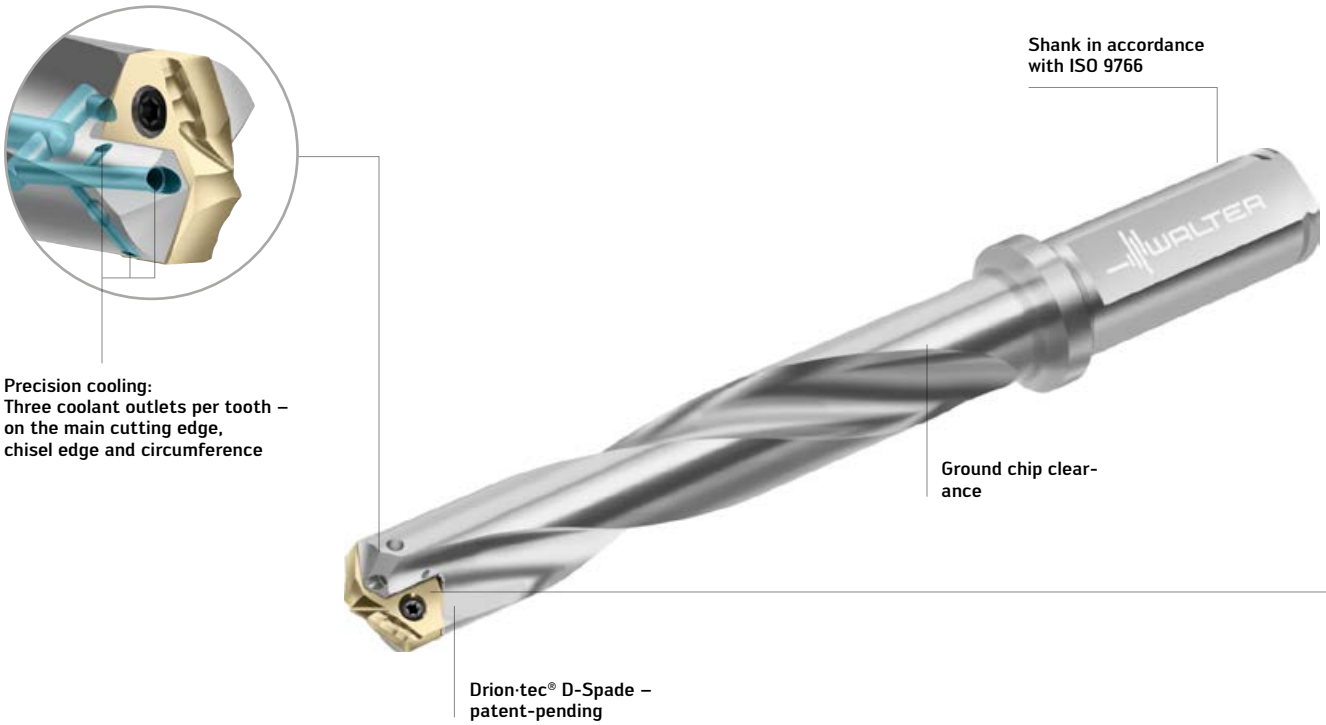
- Drion·tec® D-Spade D5142 double-sided replaceable tip drill
- Drilling depths: 3 and 5 × D_C
- Easy handling due to radial clamping screws
- Three coolant channels per tooth for maximum cooling
- Ground chip clearance for quick and reliable chip removal
- DS42 double-sided replaceable tip (symmetrical)
- Four margins for excellent surface quality
- F58 geometry
- Dia. 12–25.70 mm

THE GRADE

- WPP25: Fine-grained substrate and HIPIMS AlTiN coating for high wear resistance
- Gold-colored top layer for the best wear detection

THE APPLICATION

- Drilling blind holes and through holes from solid
- Suitable for stack drilling (laminate drilling)
- Primary application: ISO P
- Secondary application: ISO K and ISO N

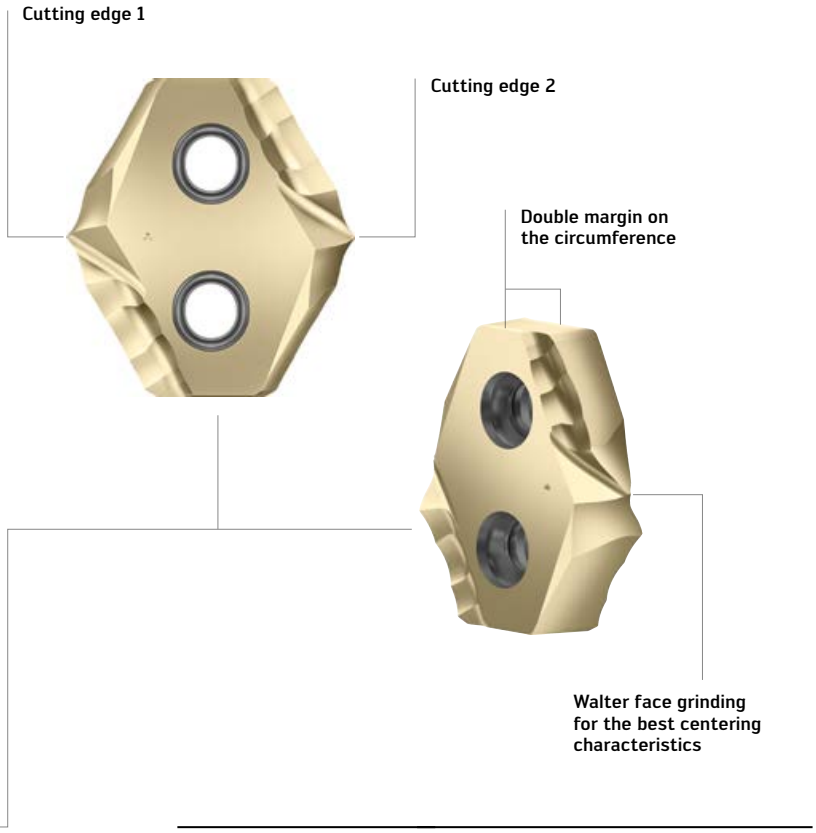


Drion·tec® replaceable tip drill

Fig.: D5142-05-18.00F20-G

THE TECHNOLOGY

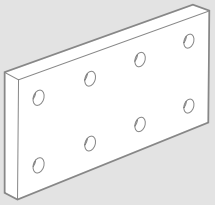
- Symmetrical Drion·tec® D-Spade design with two cutting edges per replaceable tip
- The flank face of the first cutting edge forms the pocket support surface of the second cutting edge
- Secure clamping due to two radial screws



Double-sided replaceable tip **Fig.: DS42-F58-18.00G WPP25**

APPLICATION EXAMPLE

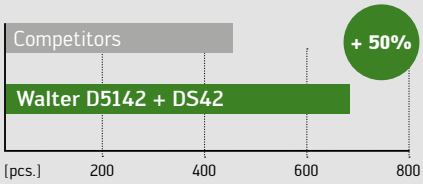
Connecting plate - holemaking: ø 17.5



Material:	S355
Strength:	520 N/mm²
Tool:	D5142-03-17.00F20-F
Indexable insert:	DS42-17.50F-F58 WPP25

Cutting data:	Competitors	**Walter D5142 + DS42**
v_c (m/min)	265	125
n (min^{-1})	4820	2274
f_n (mm)	0,07	**0,18**
v_f	313	**409**
Drilling depth (mm)	15	15
Cooling	Internal coolant	Internal coolant
Adaptors	SK50 Weldon ø 20 mm	SK50 Weldon ø 20 mm
Tool life quantity (pcs.)	448	**672**

Comparison:
Tool life quantity (per cutting edge)



POTENTIAL BENEFITS

- Maximum cost-efficiency due to two cutting edges per replaceable tip
- Excellent surfaces due to double margins on the circumference (within IT8)
- Precise holes due to the best centering characteristics
- Maximum process reliability due to optimum cooling effect and chip removal
- High level of stability due to two radial clamping screws

Reduced cutting pressure and vibration, greater cost-efficiency.

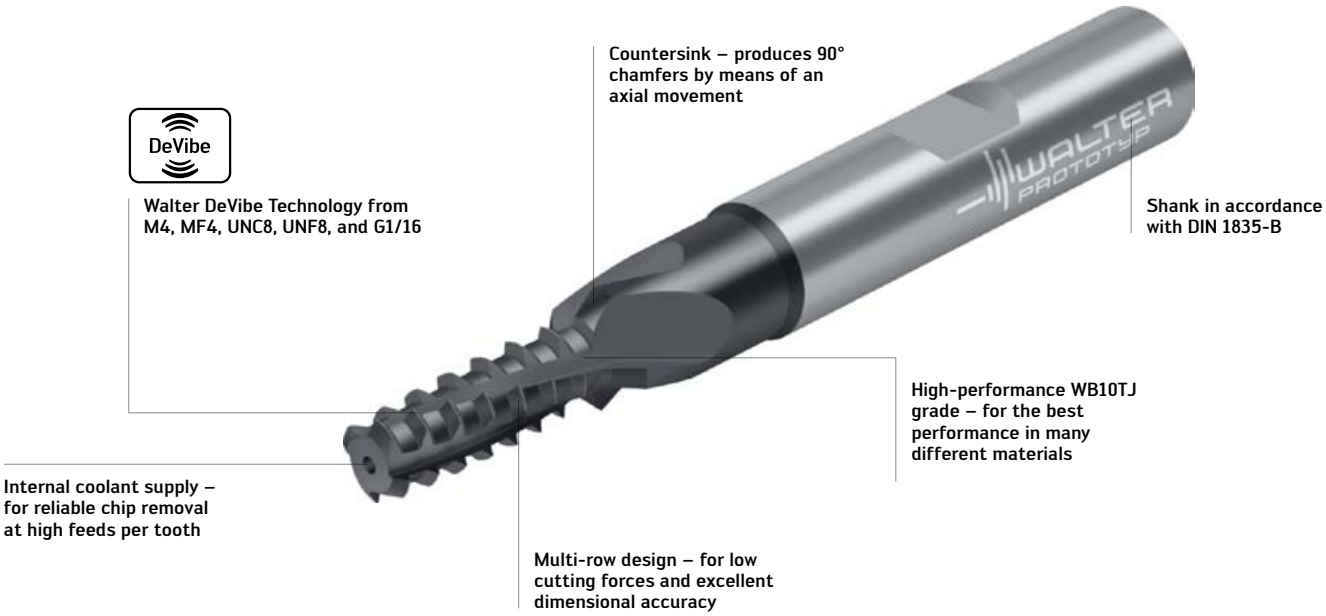
NEW

NEW ADDITION TO THE PRODUCT RANGE

- Multi-row thread milling cutters with countersink
- M3–M20
- M4×0.5–M20×1.5
- UNC8–UNC3/4
- UNF10–UNF3/4
- G1/16–G1/2

THE TOOL

- Multi-row thread milling cutter
- Walter DeVibe technology for vibration damping
- Chamfer for 90° countersinks



Multi-row solid carbide thread milling cutter — Fig.: TC620-M10-WVD-WB10TJ

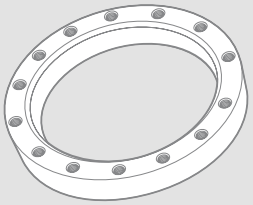
POTENTIAL BENEFITS

- Low cost per thread thanks to fast machining time and high tool life quantity
- High level of process reliability and easy handling due to extremely infrequent radius corrections
- Walter DeVibe technology: Reliable machining, even in extreme conditions
- Extensive product range – now also with countersink
- Universal application in many different materials

Walter Xpress

APPLICATION EXAMPLE

Gasket

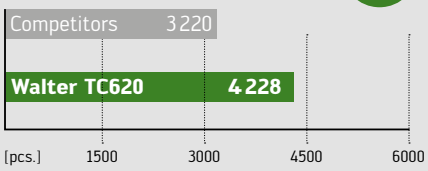


Material:	42CrMo4
Strength:	820 N/mm²
Thread size:	M6
Thread depth:	12 mm
Blind/ through hole	Through hole
Cooling	Emulsion

Cutting data:	Competitors	**TC620-M6-WVD-WB10TJ**
v_c (m/min)	110	124
f_z (mm)	0,045	0,0785
Number of radial cutting edges	2	1
Number of axial cutting edges	1	2
Processing time (s)	6	3
Tool life No. Thread	3 220	4 228

Comparison: Tool life

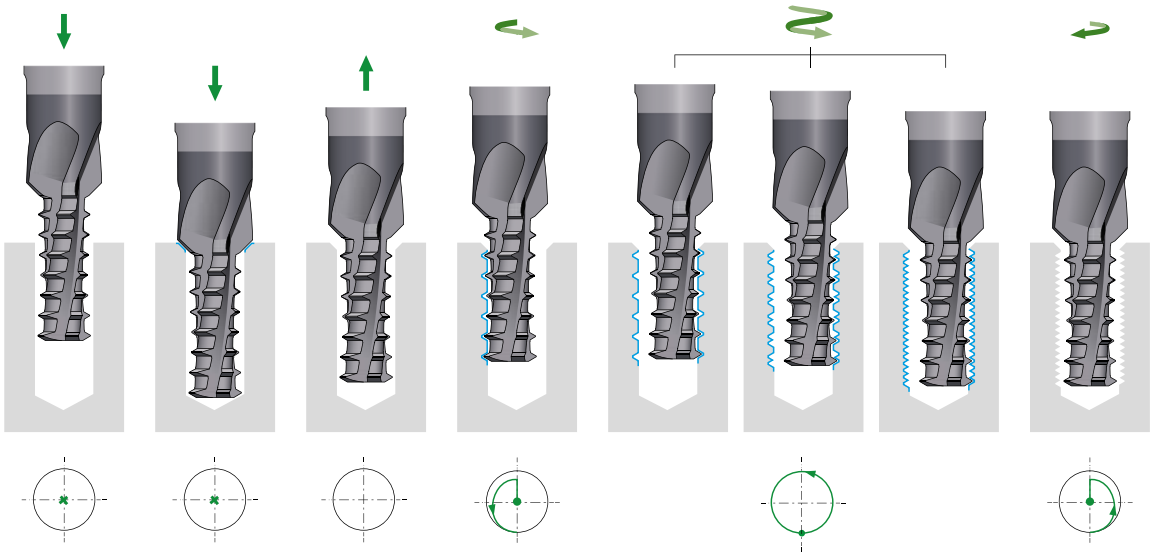
+ 31%



THE APPLICATION

- Blind-hole and through-hole threads
- ISO materials P, M, K, N and S up to 48 HRC
- Thread depths 2 × D_N
- Ideal for strict requirements on process reliability (e.g. for expensive components)

THE STRATEGY



Positioning the milling cutter over the core hole followed by plunging

Plunging and countersinking

lift up

Entry loop

Producing the thread using helical interpolation until the row spacing is bridged

Exit loop

Thrill·tec™ – the 3-in-1 solution for fast thread milling.

EXPANSION OF THE RANGE

NEW ADDITION TO THE PRODUCT RANGE

- M4×0.5–M20×1.5
- UNF8–UNF3/4

THE TOOL

- Orbital drill/thread mill for universal machining
- Creation of core hole and thread in one operation
- Can also be used for chamfering (120/110° – depending on the thread profile)
- IMPORTANT: Left-hand cutting tool

THE APPLICATION

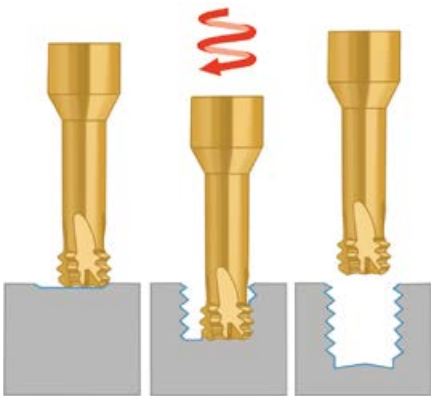
- Blind-hole and through-hole threads
- Can be used universally with ISO P, M, K, N and S up to 48 HRC
- Thread depths 2 × D_N

Thrill·tec™

Solid carbide orbital drill/thread mill

Fig.: TC645-M16X1.5-A1D-WB10TJ

THE STRATEGY



Chamfering | Creating the thread and core hole using helical interpolation | Returning the tool to the start position

POTENTIAL BENEFITS

- Maximum process reliability due to high tool stability
- Very low cost per thread (high tool life quantity, fast machining time)
- Reduces the number of tool positions and the tool change time
- Universal use

Walter Xpress

The benchmark for indexable insert thread milling

EXPANSION OF THE RANGE

NEW ADDITION TO THE PRODUCT RANGE

- Insert sizes and radii:
- Pitch range: 0.9–1.5 mm / 18–28 TPI (60° thread profiles)
- Pitch range: 14 TPI (55° thread profiles)

THE GRADE

- Tiger·tec® Gold thread milling grade WSM37G
- The only PVD Al_2O_3 coating technology of its kind in the world
- Extremely smooth rake face for low friction
- Wear-resistant, universal grade

THE GEOMETRY

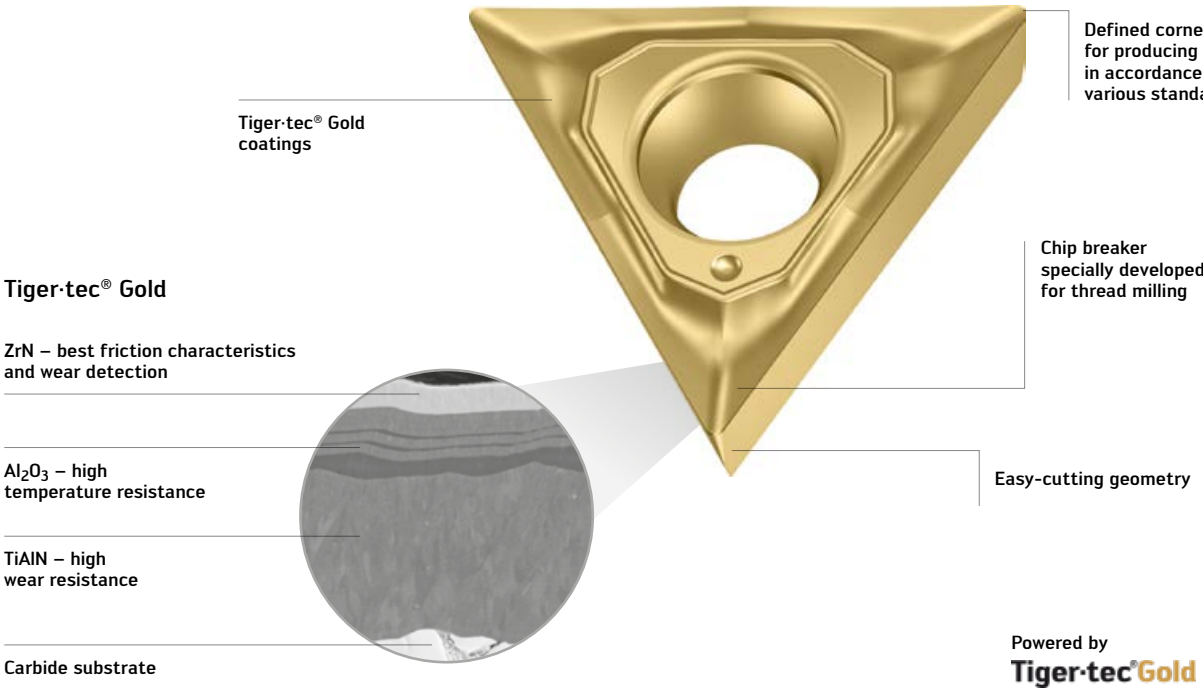
- Positive basic shape with three cutting edges
- D67 universal geometry for maximum tool life quantity
- D61 with anti-vibration land for a high level of operational smoothness when using large projection lengths or under difficult conditions

THE TOOL

- Compatible with all Walter T2710–T2713 thread milling cutters

THE APPLICATION

- Threads with a nominal diameter from 16 mm or UNC 3/4
- Pitch range: 0.9–10 mm / 3-28 TPI / 11–14 TPI
- Can be used universally with ISO P, M, K, N, S and H up to 55 HRC



P26300 thread milling cutter insert in grade WSM37G

Fig.: P26300-09005-D67 WSM37G

POTENTIAL BENEFITS

- Process reliability due to the perfect balance between wear resistance and toughness
- High tool life due to unique PVD Al2O3 coating
- Universal application even under difficult conditions
- High productivity due to optimal cutting parameters
- Best wear detection due to the gold-colored top layer

The perfect pairing in ISO P.

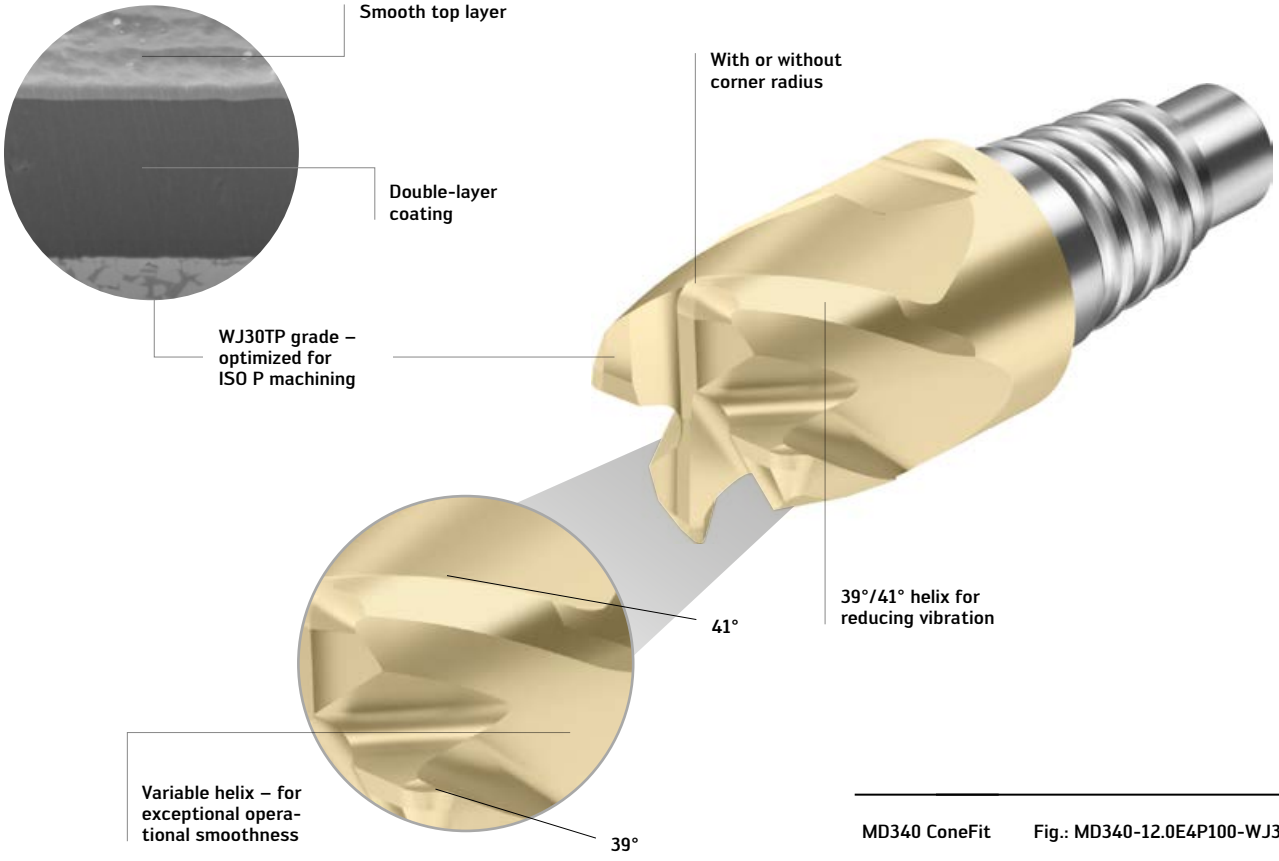
NEW

THE TOOL

- Developed for machining ISO P materials
- Variable helix
- D_C = 10–20 mm
- z4
- With or without corner radius

THE GRADE

- WJ30TP with TiAlN and ZrN coating
- Excellent wear detection due to ZrN top layer
- Universal application



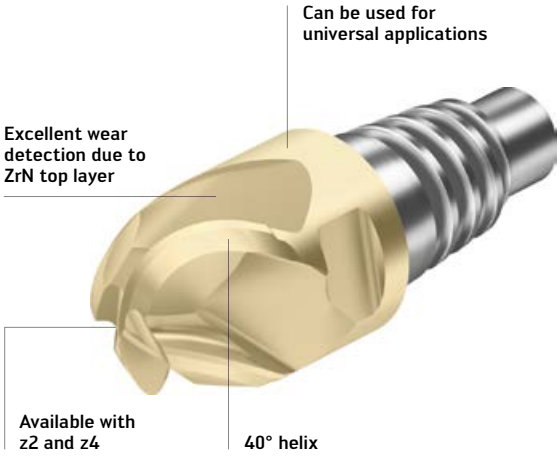
MD340 ConeFit Fig.: MD340-12.0E4P100-WJ30TP

POTENTIAL BENEFITS

- Exceptional performance in machining processes involving ISO P materials due to the grade developed in-house at Walter
- Optimal operational smoothness and tool life increase due to special geometry
- WJ30TP universal grade for the best wear detection
- Flexibility – multiple ConeFit heads can be used in a single adaptor (depending on the interface size)
- ConeFit interface – self-centering thread for ultimate precision when changing tools

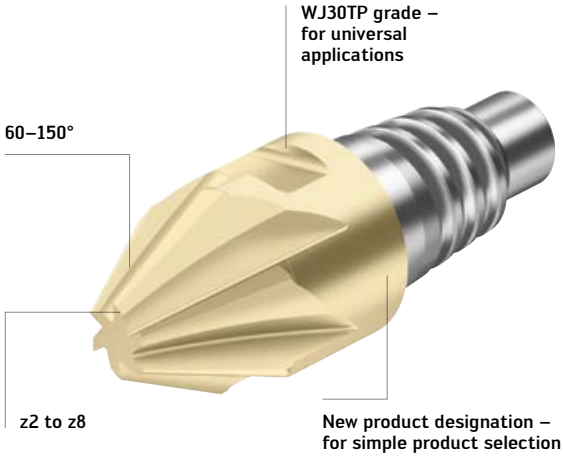
Overcome your challenges – with maximum flexibility.

NEW



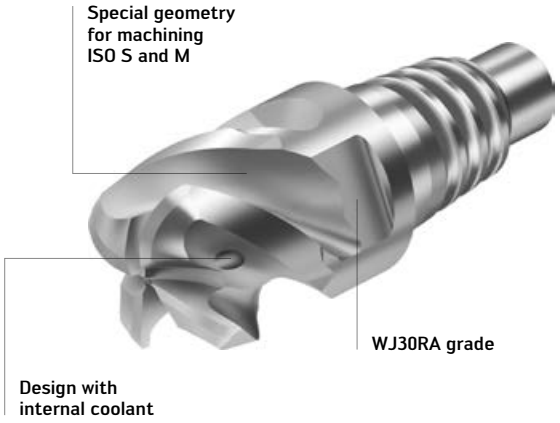
MC430 ConeFit

Fig.: MC430-12.0E4P-WJ30TP



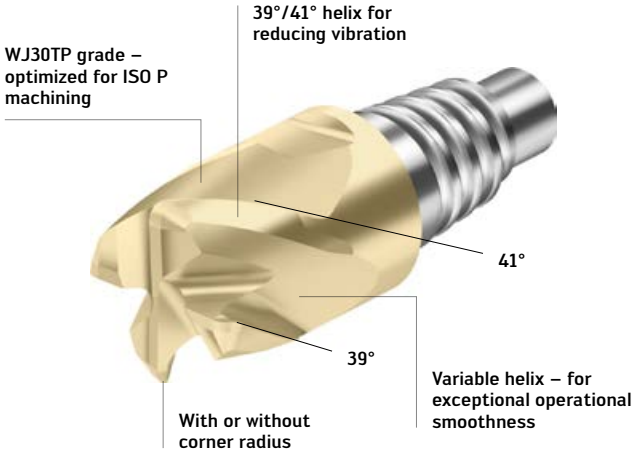
MC500 ConeFit

Fig.: MC500-12.0E6P060-WJ30TP



MD070 ConeFit

Fig.: MD070-12.0E4P150-WJ30RA



MD340 ConeFit

Fig.: MD340-12.0E4P100-WJ30TP

POTENTIAL BENEFITS

- Universal application due to wide selection of milling cutter heads and adaptors
- ConeFit interface – self-centering thread for ultimate precision when changing tools
- Flexibility – multiple ConeFit heads can be used in a single adaptor (depending on the interface size)
- Minimized downtime – the ConeFit milling cutter can be changed in a matter of seconds (no need for retooling)

Specializes in steel, delivers top performance in cast iron.

NEW

THE INDEXABLE INSERTS

- Indexable inserts for shoulder, face, high-feed, profile, copy and slot milling
- For all standard milling cutters from the Walter range (e.g. Xtra·tec® XT, Walter BLAXX, M4000)

THE GRADE

- Wear-resistant Tiger·tec® Gold CVD coating: Fine-matrix, highly textured MT-TiCN
- Multi-layer MT-TiCN structure with optimized elastic properties of the crystals
- Multi-stage post-treatment for improved toughness and reduced friction thanks to the smooth rake face
- Highly textured Al_2O_3 top layer on the rake face reduces adhesion (e.g. with ISO K)

Fig.: TNMU160508R-G27 WPP35G

Fig.: SDMT120408-F57 WPP35G

Fig.: LNU130612R-L55T WPP35G

Powered by Tiger·tec Gold

Versatile: The new Tiger·tec® Gold WPP35G milling grade

Fig.: Walter Xtra·tec® XT, Walter BLAXX & M4000

APPLICATION EXAMPLE

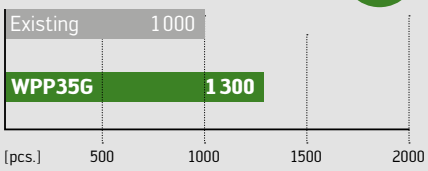
Face compressor shaft – Face milling cutter

Material:	Steel C45R
Strength:	220 HB
Tool:	M5009-063-B22-08-06
Indexable insert:	SNMX1205ANN-F57

Cutting data:	Existing	**Walter WPP35G**
v_c (m/min)	300	300
f_z (mm)	0,34	0,34
v_f (mm/min)	3 500	3 500
a_p (mm)	0,75	0,75
a_u (mm)	32	32
Cooling	Emulsion - internal	

Comparison: Quantity Components

+ 30%



THE APPLICATION

- Roughing steel and cast iron materials at moderate to high cutting speeds
- For average to good machining conditions
- Dry machining (especially for steel) or with cooling lubricant
- Areas of use: General mechanical engineering, mold and die making, aerospace, energy and automotive industries

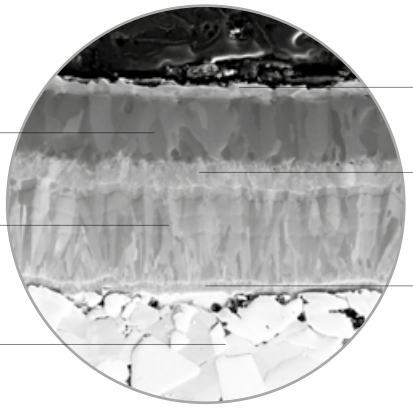
Conventional TiCN Competitor

Wears more quickly because individual crystals detach from the compound.

Highly textured MT-TiCN Tiger·tec® Gold

Higher wear resistance, as aligned crystals offer more resistance.

Cross section: Tiger·tec® Gold WPP35G milling grade



Gold-colored TiN top layer on the flank face

Al_2O_3 aluminium oxide layer – wear-resistant heat shield

Bonding layer

MT-TiCN base layer – with ultimate hardness, resistant to wear caused by chemicals

Bonding layer

Carbide substrate with high level of toughness

POTENTIAL BENEFITS

- Reliable coating, ideal for mostly automated production and mass production
- High level of cost-efficiency due to Tiger·tec® Gold coating
- Resistant to flank face wear due to fine-matrix, highly textured MT-TiCN
- Simple wear detection due to gold-colored TiN layer on the flank face

For the very highest feeds in ISO M and S.

EXPANSION OF THE RANGE

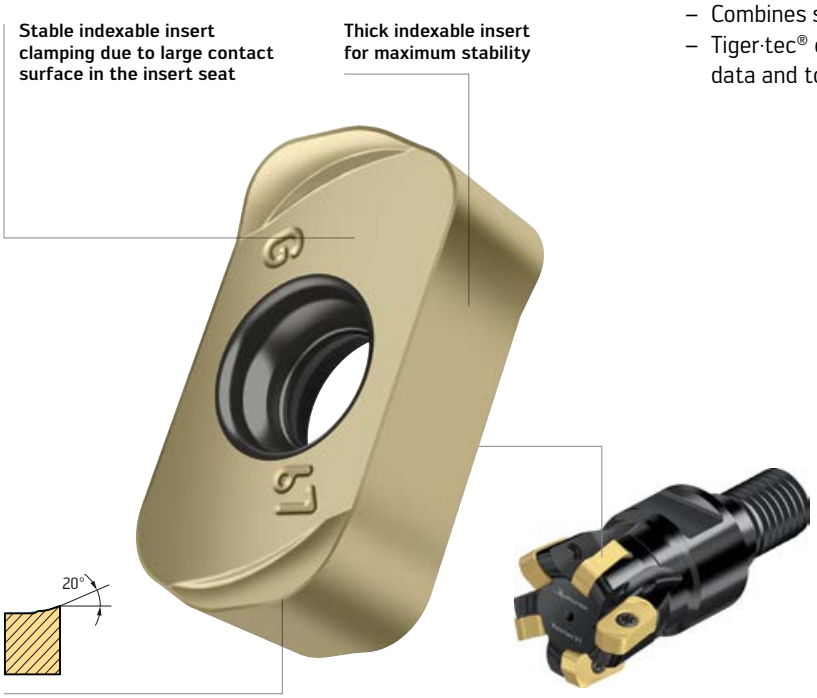
NEW ADDITION TO THE PRODUCT RANGE

G67

- First choice for machining ISO M and S materials
- Highly positive rake angle for low machining forces
- Sharp geometry for reduced built-up edges

THE TOOL

- Double-sided indexable inserts with four cutting edges
- Rhombic basic shape for small tool diameters and high number of teeth
- Stable indexable insert clamping due to large contact surface in the insert seat
- Curved cutting edges for maximum stability
- Combines stability with easy-cutting geometries
- Tiger·tec® cutting tool materials for optimum cutting data and tool life



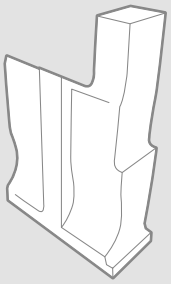
G67 geometry – first choice for ISO M and S materials

P	M	K	N	S	H	O
●	●●			●●		

ENMX indexable insert for M5008 high-feed milling cutter — Fig.: ENMX08T316R-G67 WSP45G
Xtra·tec® XT M5008 high-feed milling cutter — Fig.: M5008-025-T22-05-01

APPLICATION EXAMPLE

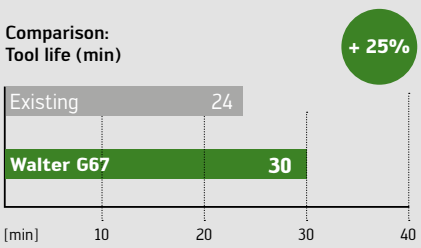
Packaging machine



Material:	1.4301
Strength:	700 N/mm²
Tool:	M5008-032-TC16-05-01
Indexable insert:	ENMX08T316R-G67 WSP45G

Cutting data:	Existing	Walter G67
D_c (mm)	32	32
z	5	5
v_c (m/min)	130	130
f_z (mm)	0,6	0,6
v_f (mm/min)	3900	3900
a_p (mm)	0,6	0,6
a_e (mm)	<13	<13
TL (min)	24	30

Comparison: Tool life (min)



POTENTIAL BENEFITS

- High process reliability due to rigid and stable indexable insert
- Reduced process costs thanks to Tiger·tec® cutting tool materials and four cutting edges
- High machining volume thanks to the combination of low depths of cut and high feed per tooth rates
- Optimum productivity thanks to extremely closely pitched tools

Ultra precise right down to the groove base.

NEW

NEW ADDITION TO THE PRODUCT RANGE

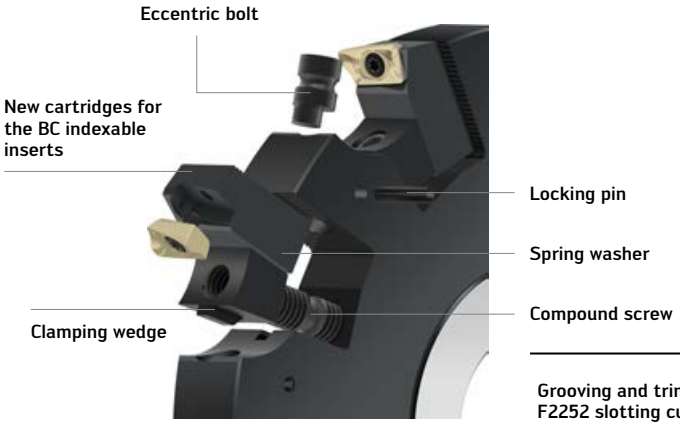
– Cartridges and BC indexable inserts for F2252 slotting cutter: In three sizes; left-hand and right-hand versions available

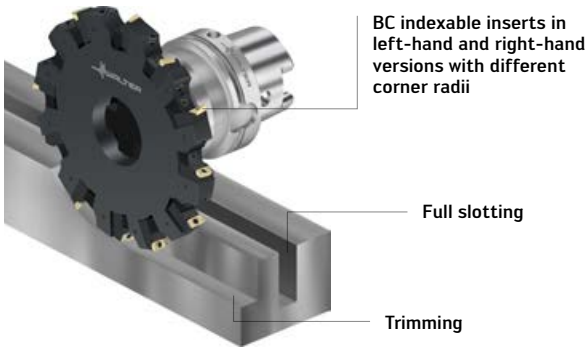
THE APPLICATION

– Universal application in ISO P, M, K, N and S (due to the WKP35G, WSP45G, WXN15G milling grades)
– Slot milling with staggered cutting edges
– Forward and reverse milling possible

THE TOOL

– F2252 milling cutter with bore adaption; longitudinal or transverse keyway in accordance with DIN 138
– BC indexable inserts with all standard corner radii; left-hand and right-hand versions available
– Eccentric bolt and serration in an axial direction – for adjustable cutting widths
– 90° approach angle





Grooving and trimming with the new F2252 slotting cutters and BC indexable inserts

Fig.: BC.T1204..L/R.. F2252.BN.200.Z06.19.S767 AB001-H100-B40-100

AVAILABLE BC INDEXABLE INSERTS AND CORNER RADII

	r mm											
	0,2	0,4	0,8	1,2	1,6	2,0	2,5	3,0	3,2	4,0	5,0	6,0
BC.T09..R..	●	●	●	●	●	●						
BC.T12..R..		●	●	●	●	●	●	●	●	●		
BC.T16..R..			●	●	●	●	●	●	●	●	●	●
BC.T09..L..		●	●									
BC.T12..L..		●	●	●	●	●		●		●		
BC.T16..L..			●	●	●	●		●		●	●	●

● = New addition to the product range

POTENTIAL BENEFITS

– High level of flexibility as BC indexable inserts can also be used in Xtra·tec® XT M5130 and M5250 milling cutters
– Maximum stability due to new installation position with reinforced insert pocket
– Cutting width is easy to adjust using eccentric bolt and serration at the rear of the cartridges
– High level of accuracy in the groove base

Xill·tec®
Universal eXcellence in milling.

With Xill·tec®, the solid carbide milling cutters from the MC230 Advance range, Walter offers you unprecedented universality and excellence in milling: Universal, due to versatility for virtually any application and any material. Excellent, due to the unique combination of a new high-performance geometry with Walter's own wear-resistant WK40TF high-performance grade. This makes Xill·tec® a byword for the greatest operational smoothness, tool life increases and process reliability. And all with outstanding cost-effectiveness.

www.solid-carbide-milling.walter

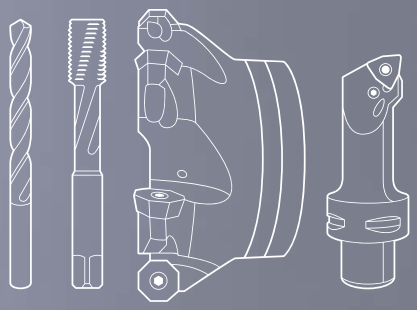
walter-tools.com

WALTER
Engineering Kompetenz

Walter AG

Derendinger Straße 53, 72072 Tübingen
Postfach 2049, 72010 Tübingen
Germany

walter-tools.com



Europe

Walter Austria GmbH
Wien, Österreich
+43 1 5127300-0, service.at@walter-tools.com

Walter Benelux N.V./S.A.
Zaventem, Belgique
(B) +32 (02) 7258500
(NL) +31 (0) 900 26585-22
service.benelux@walter-tools.com

Walter (Schweiz) AG
Solothurn, Schweiz
+41 (0) 32 617 40 72, service.ch@walter-tools.com

Walter CZ s.r.o
Kurim, Czech Republic
+420 (0) 541 423352, service.cz@walter-tools.com

Walter Deutschland GmbH
Tübingen, Deutschland
+49 (0) 7071 701-400, service.de@walter-tools.com

Walter France
Soultz-sous-Forêts, France
+33 (0) 3 88 80 20 00, service.fr@walter-tools.com

Walter Hungária Kft.
Budapest, Magyarország
+36 1 464 7160, service.hu@walter-tools.com

Walter Tools Ibérica S.A.U.
El Prat de Llobregat, España
+34 934 796760, service.iberica@walter-tools.com

Walter Italia s.r.l.
Via Volta, s.n.c., 22071 Cadorago - CO, Italia
+39 031 926-111, service.it@walter-tools.com

Walter Norden AB
Halmstad, Sweden
+46 (0) 35 16 53 00, service.norden@walter-tools.com

Walter Polska Sp. z o.o.
Warszawa, Polska
+48 (0) 22 8520495, service.pl@walter-tools.com

Walter Tools SRL
Timisoara, România
+40 (0) 256 406218, service.ro@walter-tools.com

Walter Tools d.o.o.
Maribor, Slovenija
+386 (2) 629 01 30, service.si@walter-tools.com

Walter Slovakia, s.r.o.
Nitra, Slovakia
+421 (0) 37 3260 910, service.sk@walter-tools.com

Walter Kesici Takımlar Sanayi ve Ticaret Ltd. Şti.
Bursa, Türkiye
+90 (0) 224 909 5000 Pbx, service.tr@walter-tools.com

Walter GB Ltd.
Bromsgrove, England
+44 (1527) 839 450, service.uk@walter-tools.com

Asia

Walter Wuxi Co. Ltd.
Wuxi, Jiangsu, P.R. China
+86 (510) 853 72199, service.cn@walter-tools.com

Walter Wuxi Co. Ltd.
中国江苏省无锡市新区新畅南路 3 号
电话：+86-510-8537 2199 邮编：214028
客服热线：400 1510 510
邮箱：service.cn@walter-tools.com

Walter Tools India Pvt. Ltd.
Pune, India
+91 (20) 6773 7300, service.in@walter-tools.com

Walter Japan K.K.
Nagoya, Japan
+81 (52) 533 6135, service.jp@walter-tools.com

ワルタージャパン株式会社
名古屋市中村区名駅二丁目 45 番 7 号
+81 (0) 52 533 6135, service.jp@walter-tools.com

Walter Korea Ltd.
Anyang-si Gyeonggi-do, Korea
+82 (31) 337 6100, service.wkr@walter-tools.com

한국발터(주)
경기도 안양시 동안구 학의로 282
금강펜테리움 106호 14056
+82 (0) 31 337 6100, service.wkr@walter-tools.com

Walter Malaysia Sdn. Bhd.
Selangor D.E., Malaysia
+60(3)-5624 4265, service.my@walter-tools.com

Walter AG Singapore Pte. Ltd.
+65 6773 6180, service.sg@walter-tools.com

Walter (Thailand) Co., Ltd.
Bangkok, 10120, Thailand
+66 2 687 0388, service.th@walter-tools.com

America

Walter do Brasil Ltda.
Sorocaba – SP, Brasil
+55 15 32245700, service.br@walter-tools.com

Walter Canada
Mississauga, Canada
service.ca@walter-tools.com

Walter Tools S.A. de C.V.
El Marqués, Querétaro, México
+52 (442) 478-3500, service.mx@walter-tools.com

Walter USA, LLC
Greer, SC, USA
+1 800-945-5554, service.us@walter-tools.com