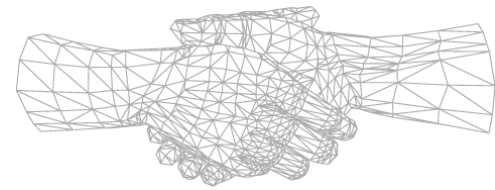


Xtra·tec® XT M5468 button insert milling cutter

Applications

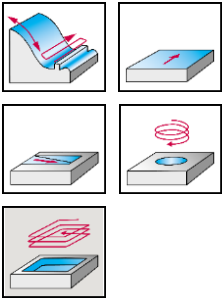


Walter fact sheet

ISO material groups:

P	M	K	N	S	H	O
●●	●●	●●	●●	●●	●●	●

Applications:



Additional information:



Area:

- Xtra·tec® XT M5468 button insert milling cutter with two tooth pitches for different applications
- Dia. 10–125 mm (or 1.0–5.0")
- Oversize milling cutter for machining operations on deep shoulders
- Can be used with Tiger·tec® Gold WKP35G and WSP45G cutting tool materials, as well as the new WHH15X grade for ISO H machining; with coated WXN15 grade for ISO N
- Interfaces: ScrewFit, cylindrical-modular, Weldon shank and bore adaption

Advantages

- Maximum process reliability due to anti-rotation protection and reliable cutting edge indexing with up to eight facets on the indexable insert
- Good chip removal when machining deep pockets – no assembly parts obstructing chip flow
- High level of cost-efficiency due to up to eight cutting edges and combination with new Tiger·tec® Gold cutting tool materials
- Perfectly adapted to the machining operation due to different insert sizes and geometries
- Plug and play: Customers who currently use cylindrical-modular interfaces can apply this tool immediately
- Lower tool costs and minimised effort due to universal application

Key message

Maximum security against inadvertent rotation.

Secure indexing of the indexable inserts using facets – no additional elements necessary for anti-rotation protection.

What you should ask

- Where do you see potential for process optimisation?
- Do you have products for which you have to reduce the production costs?
- How do you obtain your process data?
- How many different tools do you use in your production process?
- How do you order your tools?

Tool description

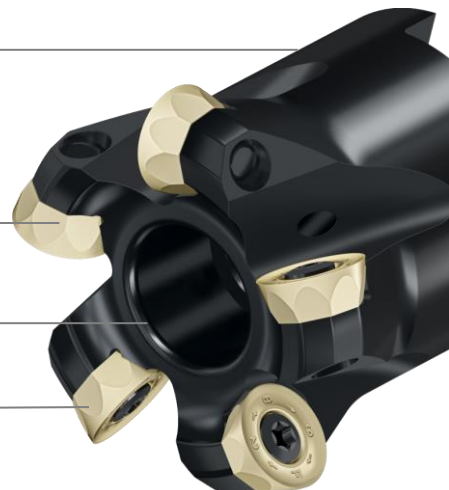
Extensive and universal range:

- Four interfaces
- Seven indexable insert sizes
- Five geometries
- Ten cutting tool materials

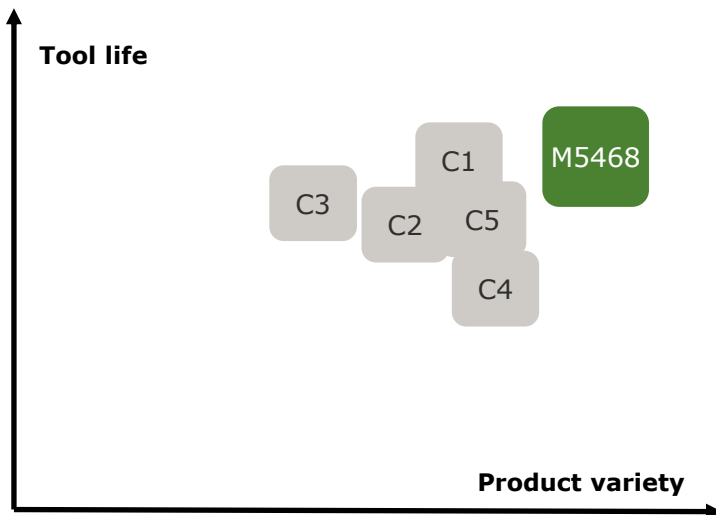
Eight cutting edges from an indexable insert size of 10 mm

Free face contour – for good ramping abilities

Anti-rotation protection and indexing due to facets



Product positioning



Target segment

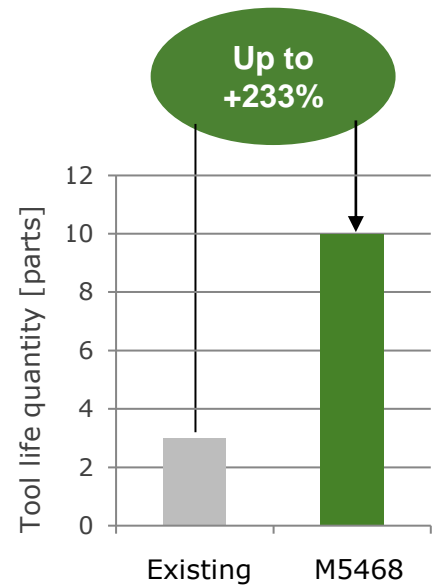
- Primary segments: Mould and die making, general mechanical engineering
- Can also be used in: Aerospace, automotive and energy industries

Main competitors



Competition/benchmark

Cutting data:		Existing	Walter
D_c	[mm]	24	24
z		2	2
v_c	[m/min]	200	200
f_z	[mm]	0.18	0.18
v_f	[mm/min]	955	955
a_p	[mm]	Max. 4.0	Max. 4.0
a_e	[mm]	14–24	14–24
Tool life quantity	Parts	3	10



Recommendation

- Use Walter GPS cutting data recommendation
- Use tough cutting material grades for long overhangs
- Take advantage of the wide variety of products
- Inform customers of the flexibility in the depth of cut
 - With high a_p → four cutting edges can be used
 - With low a_p → eight cutting edges can be used

Working conditions

- For roughing and finishing
- Universal application on any material
- Copy milling, face milling, ramping, pocket milling and circular interpolation milling

Support & Links

[Online catalogue](#)



[Produkt-Video](#)



[Walter GPS](#)



[Product Flyer](#)

