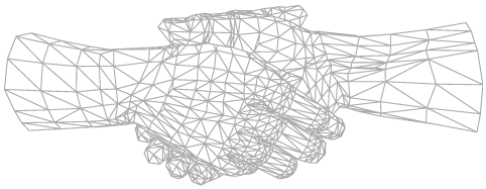
Xtra·tec® XT M5130
Shoulder milling cutter



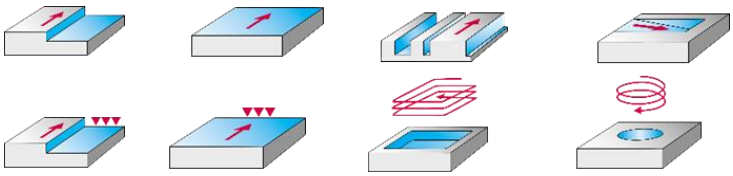
Walter fact sheet

Applications

ISO material groups:

P M K N S

Applications:



Area:

Tool
- Dia. 10–160 mm (or 0.5–6")
- Interfaces: ScrewFit, cylindrical-modular, Weldon or cylindrical shank, bore adaption

Indexable inserts
- Rhombic, positive indexable inserts
- Two cutting edges with positive basic shape
- Four indexable insert grades with different corner radii:
  - AC..0602..: r = 0.2–1.6 mm; $a_{p\ max}$ = 5 mm
  - BC..0903..: r = 0.2–2.0 mm; $a_{p\ max}$ = 9 mm
  - BC..1204..: r = 0.4–4.0 mm; $a_{p\ max}$ = 12 mm
  - BC..1605..: r = 0.8–6.0 mm; $a_{p\ max}$ = 15 mm

Advantages

- Optimum cutting data and tool life for maximum productivity
- Maximum process reliability thanks to high stability
- Perfectly adapted to the machining operation due to different indexable insert sizes, corner radii and geometries
- Reduced tool costs and minimised effort due to universal application
- No additional finishing operations thanks to exact 90° angle
- Excellent handling thanks to improved access to screws
- Maximum cost-efficiency thanks to Tiger tec® cutting tool materials, high number of teeth and small indexable inserts

Key message

Performance and reliability broaden your horizons.

What you should ask

- Where do you see potential for optimising your processes?
- Do you have problems with tool breakages?
- How do you obtain your process data?
- Do you know the applications for which you can use the Xtra·tec® XT M5130 shoulder milling cutter?
- How many different inserts do you use in your production milling cutters?

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

Tool description

Indexable insert grades
- AC..0602..
- BC..0903..
- BC..1204..
- BC..1605..

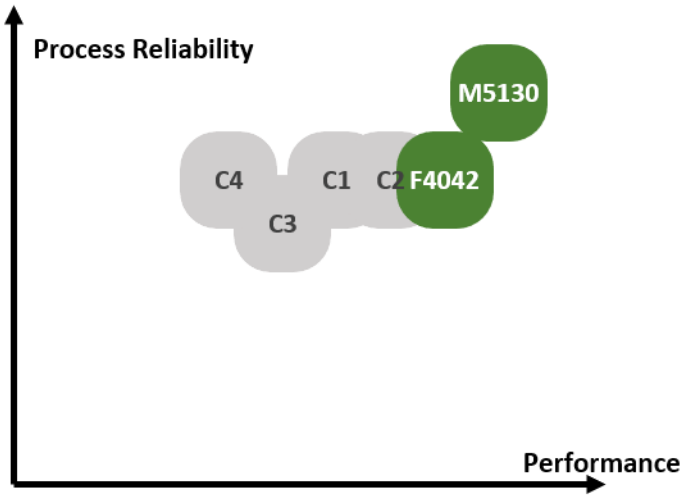
Indexable insert grades in:
Tiger·tec® Gold
Tiger·tec® Silver

New installation position
of the indexable inserts

Exactly 90°

WALTER

Product positioning



Target segment

- All sectors
- Customers who need maximum flexibility combined with a soft cutting action and high process reliability

Main competitors

SANDVIK Coromant

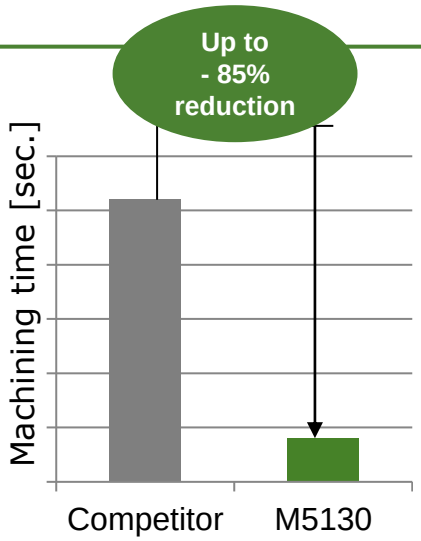
ISCAR Member IMC Group

SECO

MITSUBISHI

Competition/benchmark

Cutting data:		Competitor	Walter
D_C	[mm]	32	32
z		5	8
v_c	[m/min]	230	230
f_z	[mm]	0.18	0.7
v_f	[mm/min]	2059	12,812
a_p	[mm]	0.5	0.5
a_e	[mm]	16	16
		Emulsion	Emulsion



Recommendation

- Use Walter GPS cutting data recommendation
- Use the cylindrical-modular interface to replace the competition
- Use tough grades for long overhangs
- Use a tool if universal tools are required
- Take advantage of the extra tooth

Working conditions

- Roughing and finishing operations
- Universally applicable
- Large selection of corner radii available

Support & Links

Online cataloge

Product video

Walter GPS

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