

ProfilCut Q Premium

For highest performance
and cutting quality



ProfilCut



Modern machines and manufacturing processes increase the demands on the tools used with regard to performance and machining quality. Commercially available systems usually reach their performance limits.

ProfilCut Q Premium is the ultimate solution for companies that want to get more out of their production. With cutting speeds of up to 120 m/s it is one of the fastest tool systems in the industry. The resulting reduction in cutting time saves users time and money.

YOUR BENEFITS

- Reduced processing times
- Perfect cutting quality during the entire tool life
- Long lifetime
- Minimal set-up times
- Easy handling

AT A GLANCE

- For cutting speeds (v_c) up to 120 m/s
- Light metal tool body with performance-enhancing coating
- Includes Data Matrix Code or RFID chip for networked communication
- TC-cutting edges with Marathon high-performance coating



+20 %

HIGHER PRODUCTIVITY
BY REDUCTION OF
CUTTING TIME



+50 %

HIGHER FEED SPEEDS
BY INCREASE OF
CUTTING SPEED



+30 %

HIGHER LIFETIME BY
MARATHON MC HIGH-
PERFORMANCE COATING



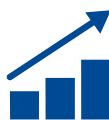
Your benefits due to ...



PRODUCTIVITY & EFFICIENCY

More parts in less time and with less effort

- 20 % higher part output by reducing the cutting time
- 50 % higher feed rate by increasing the cutting speed to 120 m/s
- 30 % longer tool life through cutting edges with Marathon high-performance coating
- Shorter set-up times through automatic knife positioning without setting devices
- Lower maintenance, effort and reduced machine downtime due to longer tool life
- Cost-efficient through the combination of several knife types such as turnblades, profile cutting edges, edge rounders, spurs etc.



QUALITY

Surfaces in finish quality for fewer rejects and rework

- Perfect finish quality due to extra-sharp cutting edges and low-vibration lightweight construction
- Reduced splintering on the wood due to special chipbreaker with profile
- Optimally matching TC types can be combined with diamond



SUSTAINABILITY

Resource-friendly and quiet

- Up to 8 dB(A) less noise through optimized tool design
- Reduced knife consumption due to longer lifetime of the knives
- Maximum wear protection and reduced dirt adhesion to the tool body through functional coating
- Resource-friendly through reusable tool body

ProfilCut Q
Premium:
Cut by cut more
quality and quantity.

