Marathon high performance coating

Focused on efficient use of valuable resources

Advantages at a glance

- 3 to 6 times the performance time of uncoated tools
- Constant sharp cutting edge
- High processing quality
Leitz Marathon high performance coating – Experience that pays

The staying performance of a marathon runner
Marathon high performance coating extends the high cut quality by 3 to 6 times that of uncoated edges.

Nature as our teacher
Leitz looked to nature when developing the Leitz Marathon high performance coatings. Similar in operation to a rodent’s teeth, the cutting knives are constantly sharp and ready for use, evident when comparing different tools after use.

The proof – as sharp as a rodent’s tooth
75% higher wear on uncoated edges.

Leitz R & D
An outstanding result: Marathon high performance coatings. Leitz as a technology leader in woodworking with the Leitz coatings TDC and MC is the guarantee for an efficient process.

In-house competence center
The Leitz knowledge in coatings is based on years of experience and the in-house coating center. A fascinating result: Leitz Marathon high performance coating providing the constant sharp cutting edge.

Marathon coated HS edge
Still a sharp cutting edge after 3,000 running metres and high processing quality.

Uncoated HS edge
High wear and rounding after 3,000 running metres. Additional costs from increased set-up time and rework.
Higher productivity from longer performance times

**Marathon MC**
The high performance Marathon MC (Multi Coating) is resistant to wear and particularly powerful combined with HS cutting materials (high performance steel). Marathon MC coated knives have up to 6 times the performance time in solid wood, gluelam and plastics of uncoated knives.

Minifinger Marathon MC with 5 times the performance time of uncoated tools.

**Marathon TDC**
Marathon high performance coating TDC (Tungsten Diamond Coating) is an innovative development of tungsten carbide. Marathon TDC coated tungsten increases performance times 3 times in solid wood, panel materials and plastics. Wear resistance and reduced abrasion protect resources and reduce costs.

ProfilCut knife Marathon TDC with 3 times the performance time of uncoated tungsten carbide.
Leitz Marathon high performance coating – Useable in many different ways

- Sawmill and moulding
- Timber construction
- Stair construction
- Window production
- Bead production
- Parquet production
- Furniture production
- Plastic processing