NEW PRODUCT RELEASE

PIONEERS OF MULTI-MAT™

NEW HIGH FEED MILLING LINE
NEW HIGH FEED MILLING INSERT

LT 3130  LT 3000

The LT 910 range of milling cutters are designed for outstanding performance, maximizing chip removal rates and delivering the best utilization of a wide range of machines, by using the High Feed milling process.

The two geometries sharp XPKT and reinforced XPKW, available in our grades MultiMat™ LT 3000 MAGIA and LT 3130 MAGIA PRO are able to deliver high performance on all kind of Steels, Stainless Steels, Cast Irons, Aluminum, Super Alloys and Hardened Materials.

Suitable for many kinds of operations such as plunge milling, face milling, side milling, ramping, pocketing, slotting and helical interpolation.

ADVANTAGES

• γ° Positive radial rake angle and helical design for reduced cutting forces
• Increased height (+S) for higher chip loading
• Depth of Cut (+DOC) up to 0.7mm
• High teeth density, even in the smallest cutter diameter 10mm / Z=2 (High productivity)

APPLICATION GUIDE

Helical Interpolation  Plunging  Pocket Milling  Ramping Down
Shoulder Milling  Slotting  Surfacing

MACHINING RECOMMENDATIONS

F  Productivity
1, 2, 3, 4  No
6, 7, 8, 11  Yes
10, 12  Yes

Stainless Steel  \( V_c \)
HOW TO ASSEMBLE LT 910 CUTTERS TO AVOID PREMATURE BREAKAGE

When using the cutter for the first time, the following start procedure should be followed:

1. Start the milling operation and stop it after 10-20 seconds of machining
2. Tighten the screw again using the pre-set torque screw driver (0.4Nm)
3. Re-start the milling operation
4. This procedure will guarantee a precise and real torque force on the screw.

This procedure needs to be done only the first time you use a new LT 910 milling cutter. After this, your cutter should work without issue even after loading new inserts or starting and restarting the machining process.

Due to the small size of these inserts, it is vital that you only use a pre-set torque wrench (0.4Nm) at all times for assembly and adjustment.

It is also recommended that when mounting, the insert should be held in place with your finger.