

Micro Lubrication Cold Air Gun

Pistola ad Aria Fredda con Micro-Lubrificazione



Extra cooling in micro-lubrication application

When you require extra cooling in your micro-lubrication application, ITW Vortec now has the solution with its Micro-Lube Cold Air Gun, Model 606MLBSP.

Applications

In the special Micro-Lube Cold Air Gun a vortex tube converts normal compressed air into (hot air and) cold air with a temperature of -10°C . The hot air is not used and vented. No refrigerants required and quiet operation. The micro-lubrication oil is fed in from the lubricator unit (not included) via a flexible tube and runs through the Micro-Lube Cold Air Gun and is, together with the cold air, blown out of the flexible nozzle onto the machining operation.

Because of the extra cooling, the production speed and/or tool life can be increased and, depending on the operation, the surface quality of the material can be improved as well.

The 606MLBSP Micro-Lube Cold Air Gun is mounted on a Magnetic Base and can be easily positioned where the micro-lubrication is required. If necessary, the Cold Air Gun can be screwed down directly, after the Magnetic Base has been removed. The compressed air connection is via a $\frac{1}{4}$ " BSP male nipple and a 3 mm flexible tube from the lubricator unit can be connected via a quick-connect coupling.

Features and Benefits

Compressed air consumption at 6,9 bar is 425 slpm

At compressed air inlet t of 21°C , the cold air exit temperature is -10°C

Airflow of Cold Air through is 250 slpm

Length of 9 pcs flexible, Loc-Line Nozzles is 200 mm

Last nozzle has a 5 mm diameter for powerful blow-off of chips

