









FDT PMT-20A Pneumatic Marking model with pressure air supplied through the spindle. (toolshank) Article No.60.420.00

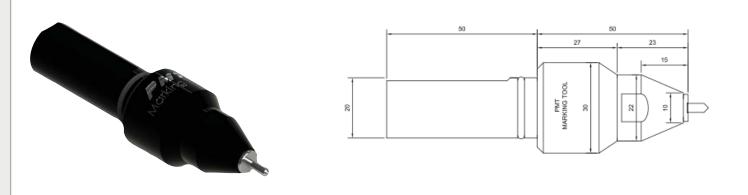
FDT PMT-20AL Pneumatic Marking model with pressure air supplied lateral or through the spindle.(toolshank) Article No. 61.420.00 FDT HMT20 Hydro Dot-Peen Marking Tool activated via internal coolant pressure through the spindle. (toolshank) Article No. 64.420.00



We are focused on eliminating your marking and deburring operations.

## PMT-20A Dot Peen Marking Tool with pressure air supplied through the spindle. (toolshank)

Article No. 60.420.00



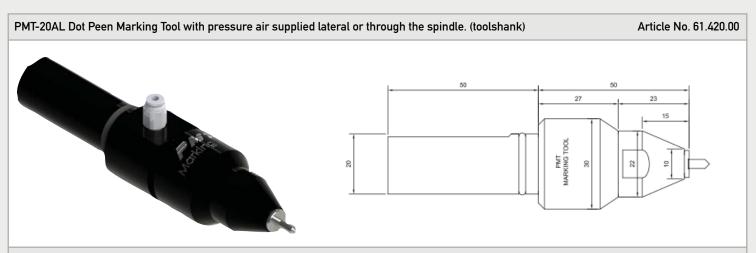
PMT20-A is an pressured air driven dot peen marking tool suitable for CNC machines and Robotic systems. The tool allows you to do marking operation directly on the machine eliminating the marking performed after machining. Marking directly within the CNC allows you to lower costs by avoiding a subsequent re-processing and handling of the pieces and also avoids possible errors, since the marking is set directly into the part-program of the workpiece.

PMT automaticly compensates for any differences in height (and / or curved surfaces) within certain limits. This makes marking on all surfaces possible. (unfinished, row or milled surfaces) With the carbide marking needle both soft and hard materials can be marked easily.

Working parameters:

- \* Air pressure: 5-8 Bar
- \* Spindle: stationary spindle rotation or minimum possible
- \* Feed: F2000 mm/min
- \* Distance from the surface: 6-8 mm and decrease of 0.5 mm at a time until marking occurs, then descend further 0.5 mm in Z axis. Approach to work Z rapidly

Adjustable compensation allows the user to adjust oscillation of the marking needle. You can increase the stroke (compensation) reducing the frequency. Or for finished surfaces increase the oscillation frequency and get faster feed rates.



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## HMT20 Hydro Dot-Peen Marking Tool activated via internal coolant pressure through the toolshank

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