



# DREX<sup>®</sup>-TOOLS

UTENSILI DI PRECISIONE PER L'INDUSTRIA MECCANICA - AERONAUTICA - AEROSPAZIALE  
PRECISION TOOLS FOR THE MECHANICAL AVIATION - AEROSPACE MANUFACTURING



## MICRO-STOP



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## MICRO-STOP

MICRO-STOP MICRO-STOP is a precision tool for the adjustment of the depth of countersink and deburring of holes. The tool is formed by a device that adjusts the depth which guarantees a perfect perpendicular alignment and a depth adjustment with increments of 0.025 mm. (.001 Inch). The tool is set by the operator to the desired depth cut and then locked.

Cutting operations will be uniform and repetitive. The pilot of the cutter is inserted into the hole while the locking nut rests on the surface of the workpiece, the tool then advances to flare the set depth value.

The Micro-stop can be mounted on a portable tool, on a pneumatic or electric drill, on a drill press or on automatic machines or CNC.

The speed and feed rate are the same as a drill bit in HSS or carbide. However, the greater the depth of the cut, the lower the speed has to be in order to avoid vibrations. For a longer life of the Micro-Stop keeps it free from shavings, sand and debris.

| CODE          | SHANK<br>inch     | SHAFT<br>CAPACITY<br>inch | MAX. DIAM.<br>CUTTER | THE READED<br>SHAFT | OVERALL<br>LENGTH     | FOOT                | RPM        |
|---------------|-------------------|---------------------------|----------------------|---------------------|-----------------------|---------------------|------------|
| AV-19DX370    | 1/4"              | 9/32"<br>(7,14mm)         | 7/16"<br>(11,11mm)   | 1/4-28              | 3"1/8<br>(79,375mm)   | Nylon (2)           | 3.000 RPM  |
| AV-19DX362    | 1/4-28            | 3/32"<br>(2,38mm)         | 1/2"<br>(12,70mm)    | 1/4-28              | 1.65"<br>(42,00mm)    | Polished Foot Piece | 3.000 RPM  |
| AV-19DX361    | 1/4"              | 9/32"<br>(7,14mm)         | 1/2"<br>(12,70mm)    | 1/4-28              | 3"32<br>(84,50mm)     | Polished Foot Piece | 3.000 RPM  |
| AV-19DX365(A) | 1/4"              | 9/32"<br>(7,14mm)         | 9/16"<br>(14,29mm)   | 1/4-28              | 3-6"<br>(92,00mm)     | Nylon (1)           | 10.000 RPM |
| AV-19DX360    | 1/4"              | 9/32"<br>(7,14mm)         | 9/16"<br>(14,29mm)   | 1/4-28              | 3-6"<br>(92,00mm)     | Nylon (1)           | 3.000 RPM  |
| AV-19DX372    | 1/4-28            | 3/32"<br>(2,38mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 1.65"<br>(42,00mm)    | Polished Foot Piece | 3.000 RPM  |
| AV-19DX367(A) | 1/4"              | 9/32"<br>(7,14mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 3"9/16<br>(90,50mm)   | Polished Foot Piece | 10.000 RPM |
| AV-19DX366(A) | 1/4"              | 9/32"<br>(7,14mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 4"<br>(101,60mm)      | Nylon (1)           | 10.000 RPM |
| AV-19DX363(A) | 1/4"              | 9/32"<br>(7,14mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 4"<br>(101,60mm)      | Polished Foot Piece | 10.000 RPM |
| AV-19DX371(A) | Spindle<br>3/8-24 | 9/32"<br>(7,14mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 3-8"<br>(92,00mm)     | Nylon (1)           | 10.000 RPM |
| AV-19DX364(A) | Spindle<br>3/8-24 | 9/32"<br>(7,14mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 3-8"<br>(92,00mm)     | Polished Foot Piece | 10.000 RPM |
| AV-19DX359    | 1/4"              | 9/32"<br>(7,14mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 3-8 5/8"<br>(97,80mm) | Polished Foot Piece | 3.000 RPM  |
| AV-19DX357    | 1/4"              | 9/32"<br>(7,14mm)         | 5/8"<br>(15,88mm)    | 1/4-28              | 6"<br>(152,40mm)      | Polished Foot Piece | 3.000 RPM  |
| AV-19DX358    | 3/8"              | 9/32"<br>(7,14mm)         | 1-1/4"<br>(31,75mm)  | 3/8-24              | 5"3/4<br>(146,00mm)   | Polished Foot Piece | 3.000 RPM  |
| AV-19DX368    | 3/8"              | 1/4"<br>(6,35mm)          | 1-3/8"<br>(34,93mm)  | 3/8-24              | 6"1/8<br>(155,58mm)   | Polished Foot Piece | 3.000 RPM  |

(1) Part. AV-90DX018 replacement Nylon Foot piece.

(2) Part. AV-90DX018A replacement Nylon Foot piece.

(A) MICRO-STOP COUNTERSINK CAGES WITH NEEDLE BEARING

**AV-19DX370****AV-19DX362****AV-19DX361****AV-19DX365(A)****AV-19DX360****AV-19DX372****AV-19DX367(A)****AV-19DX366(A)**

**AV-19DX363(A)****AV-19DX371(A)****AV-19DX364(A)****AV-19DX359****AV-19DX357****AV-19DX358****AV-19DX368**