

# Replaceable Cutting Blade Mechanical Hole Deburring and Chamfering Tools



*Replaceable Cutting Blade  
Mechanical Hole Deburring and Chamfering Tools*

One-piece Construction

## Description

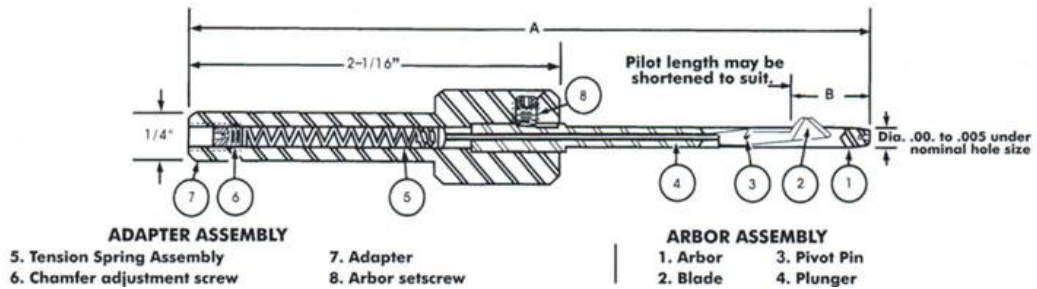
Replaceable Cutting Blade Mechanical Hole Deburring and Chamfering Tools can be used to remove burrs on the front, back, or both sides of drilled holes in one pass. The cutting blade can be replaced when worn out.

### Features & Benefits:

- 1) Easy to use on all machines
- 2) Changing the direction of the rotation is not required
- 3) Cost-efficient tools and spare blades
- 4) Easy replacement and long service life of the blades
- 5) Deburring thickness adjustable via spring tension
- 6) Solutions for various applications realizable
- 7) Standard tools from  $\varnothing 2,0$  to  $\varnothing 50,0$  from stock
- 8) Working Hardness within 40HRC
- 9) Driving units: Drilling machine, Milling machine, Lathe, Machine center, Electric power tools, etc.

**Specifications of Deburring Tools**

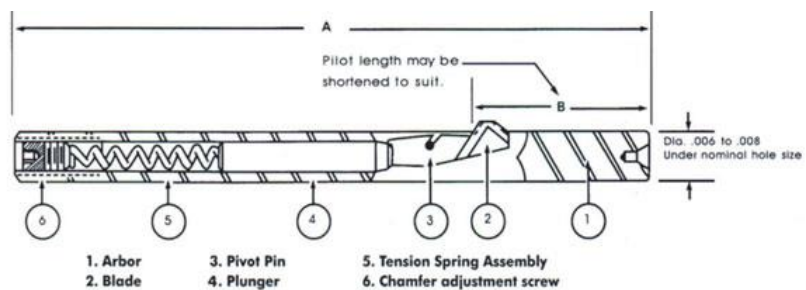
**type A**



Unit (mm)

Model	Hole Size	Dim. (A)	Dim. (B)	Blade Size	Rotate Speed (RPM)
RBT-FT-3	3	87.5	3.5	sv-1/8#	800-1000
RBT-FT-4	4	98	3.5	sv-1/8#	800-1000
RBT-FT-5	5	105	3.8	sv-3/16#	800-1000

**type B**



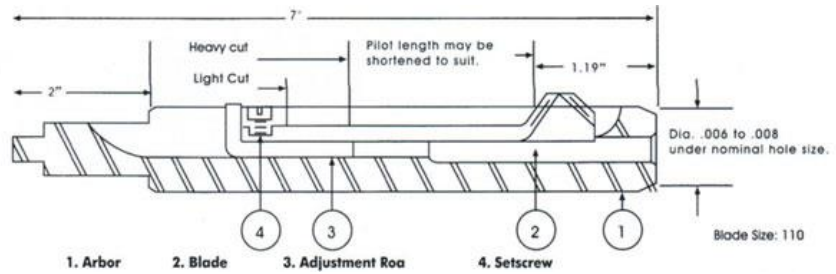
Unit (mm)

Model	Hole Size	Dim. (A)	Dim. (B)	Blade Size	Rotate Speed (RPM)
RBT-FT-6	6	110	5	1#	800-1000
RBT-FT-7	7	110	5	1#	800-1000
RBT-FT-8	8	115	5	2#	800-1000
RBT-FT-9	9	127	5	3#	800-1000
RBT-FT-10	10	127	5	3#	800-1000

RBT-FT-11	11	127	5	3-1/2#	600
RBT-FT-12	12	127	5	3-1/2#	600
RBT-FT-13	13	127	10	3-1/2#	600
RBT-FT-14	14	140	10	4#	600
RBT-FT-15	15	140	10	4#	600
RBT-FT-16	16	155	10	4#	600
RBT-FT-17	17	155	10	4#	600
RBT-FT-18	18	155	10	4#	600
RBT-FT-19	19	180	10	4#	600

## type C

A one unit construction arbor and pilot integral. 1/2" diameter tapered shanks thru 1-1/2" tools; 1" straight shanks above available for 1/2" tapered shank tools



Unit (mm)

Model	Hole Size	Blade Size	Rotate Speed (RPM)
RBT-FT-20	20	5#	600
RBT-FT-21	21	5#	600
RBT-FT-22	22	5#	600
RBT-FT-23	23	5#	600
RBT-FT-24	24	5#	600
RBT-FT-25	25	5#	600

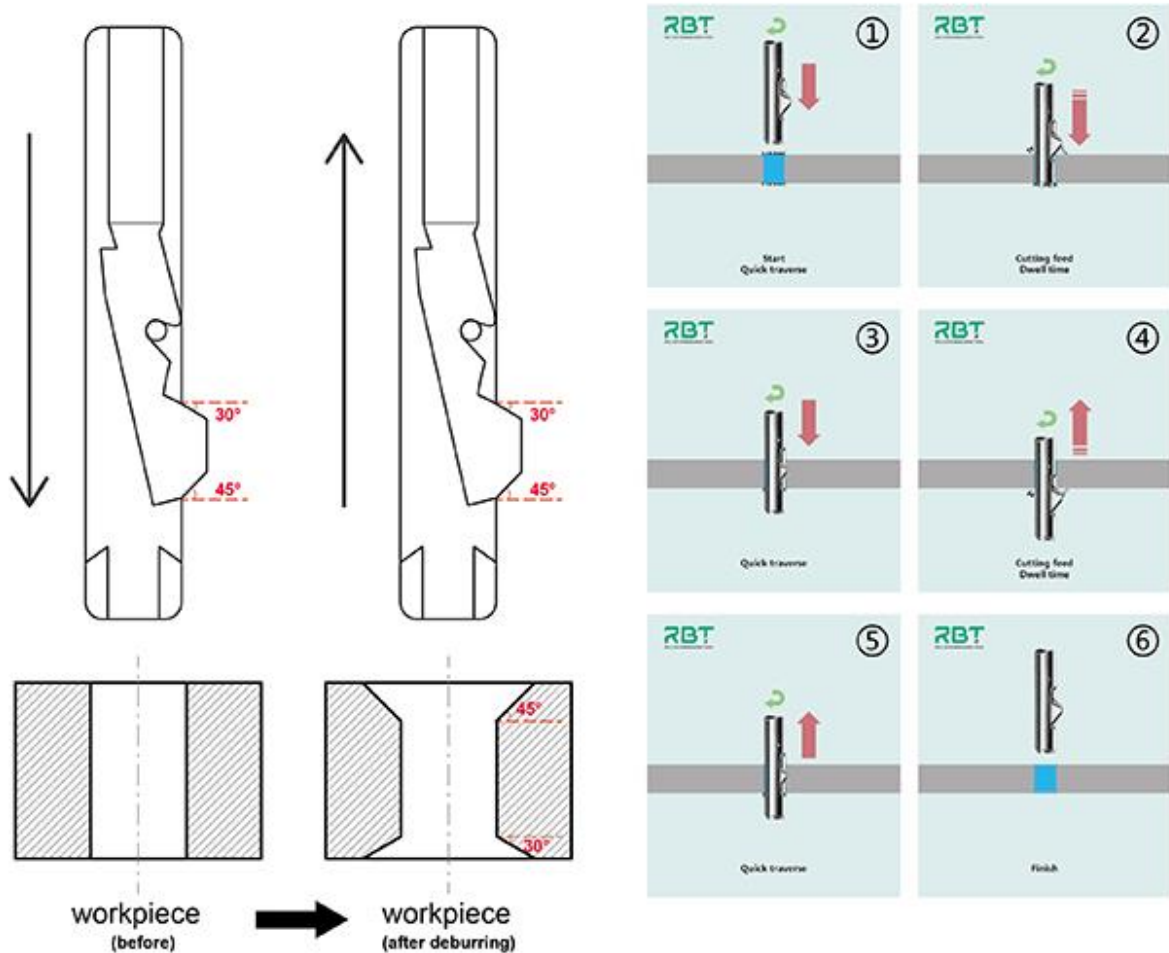
## Structural drawing of Cutting blade



*Replaceable, double cutting blades*

**How RBT's Deburring and Chamfering Tool works?**

**Replaceable Cutting Blade Deburring and Chamfering Tool**



**1. Feed-in**

Upon entry, the burr on the front side is removed due to the spring tension holds the cutting blade in the extended position.

**2. Feed-thru**

As the feeding increase, passing through the bore the blade is pressed under spring pressure and retracted automatically. (The crowned and polished top surface of the cutting edge will not mar inside bore surface of workpiece).

**3. Feed-out**

Through back side of the hole, spring tension again causes the blade to extend as it emerges from the internal of the workpiece. On the return stroke, the burr is deburred on the back side of hole.

More about Deburring and Chamfering Tool, please visit:

<http://www.burnishingtoolhome.com/product/replaceable-cutting-blade-mechanical-hole-deburring-and-chamfering-tools-one-piece-construction/>