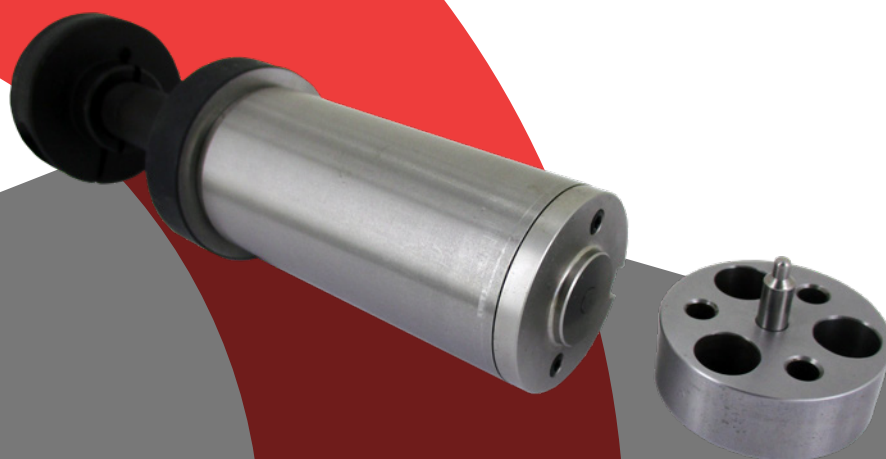




SOLUTION

BURRING

EXTRUDED HOLE



BURRING

EXTRUDED HOLE

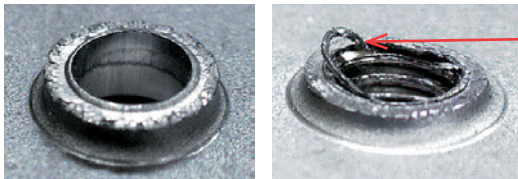
EM-MII | AE-NT | EM-ZR | ACIES-AJ | ACIES | EML-AJ | LC-C1AJ

Solution to extrude a round or shape hole vertically by 2 operations (pre piercing and forming). Aims are various: to increase the height in thin material for tapping or to allow the passage of a tube or ventilation.

EXAMPLES

SOLUTION 1

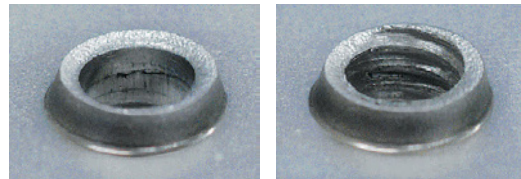
Standard burring + tapping



Extrusion of the material makes a burr appear.

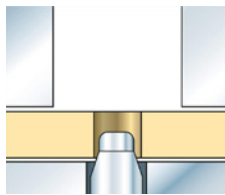
SOLUTION 2

BK Type burring + tapping

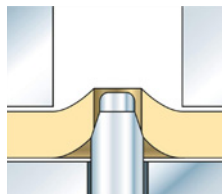


With this type of design you obtain a clean burring.

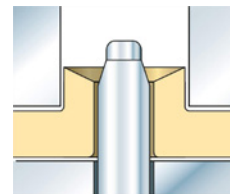
BK type burring process



The punch enters into the pre-hole



Material is softly formed



Inside diameter is made by the straight part of the punch

CHARACTERISTICS

Maximum thickness *

Mild Steel: 2 mm

Aluminium: 2 mm

Stainless Steel: 1.5 mm

* Depending on the final dimensions required

Tooling size

B, C, D, and E Station

Upform or Downform



ALLOWABLE MACHINES

Fits on all AMADA Thick Turret machines.

For compatibility with other machines, please contact your AMADA tooling representative.

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