



Needles and Cannulas for Technical Applications





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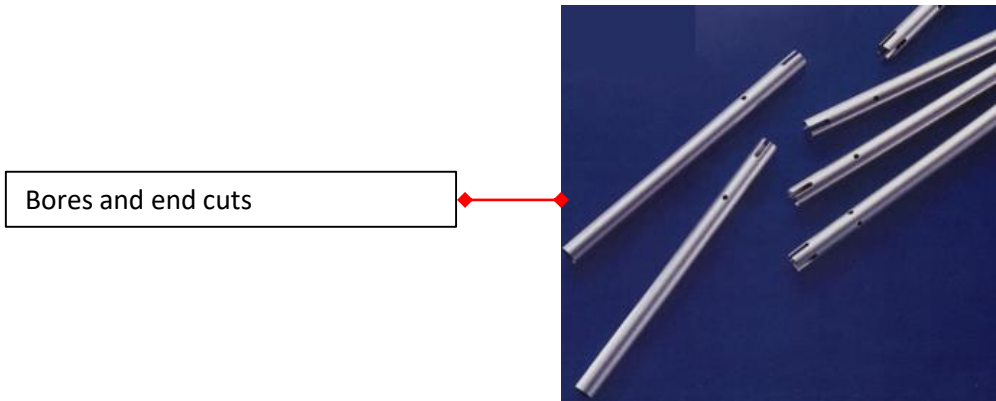


Tubes and cut tubes

Processed tubes and cut tubes



End cuts



Bores and end cuts



Tubes and cut tubes

Processed tubes and cut tubes



Bores



Cutouts



Tubes and cut tubes

Processed tubes and cut tubes



End cuts

Cutouts and bores





Tubes and cut tubes

Cut tubes

Variants:

- round tubes
- square tubes, on special request
- stainless steel wire, straight

Dimensions:

- cf. stocklist



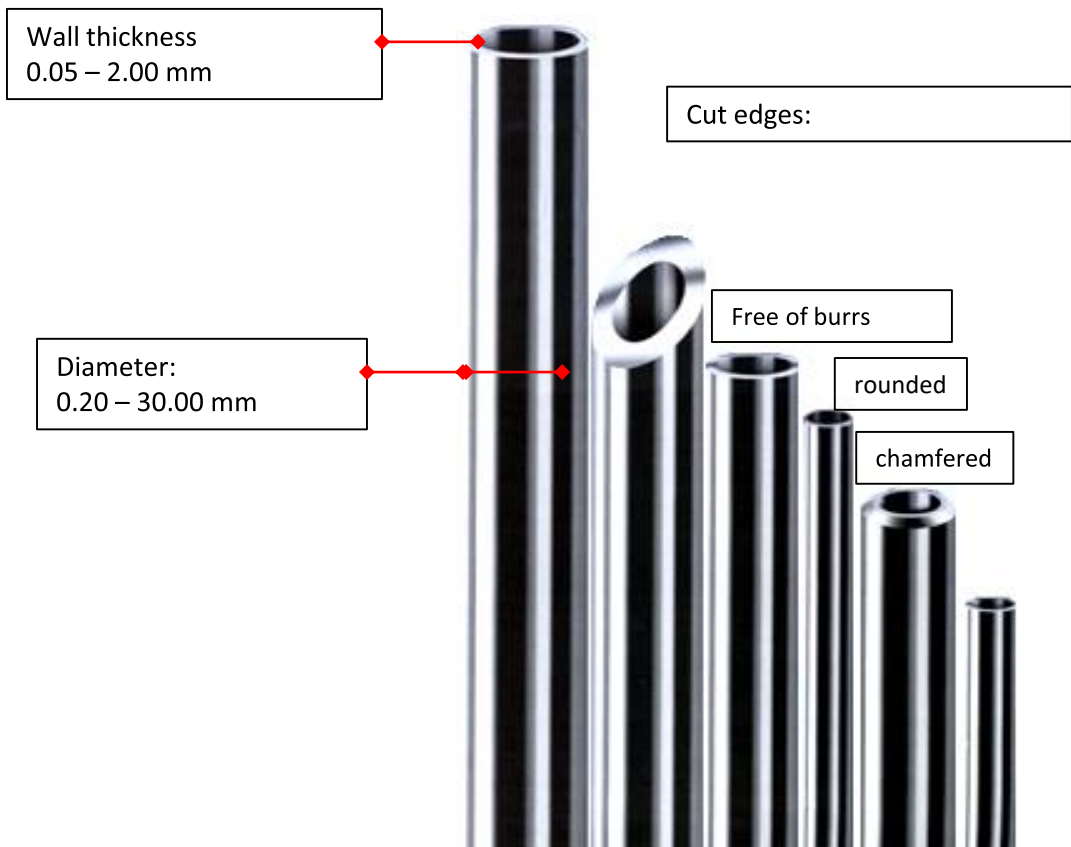
These cut tubes are also available in different lengths without burrs acc. to your requirements (min. length 1.5 mm, max. length 240 mm)





Tubes and cut tubes

Cut tubes



Capillary tubes and precision tubes:
Material 1.4301 (AISI 304) and 1.4571 (AISI 316 Ti)
- welded, repeatedly cold redrawn, hard, straight, bright metal
tolerances acc. to DIN 2463/ 17457, with unprocessed ends
- in lengths of 1 - 3 meters

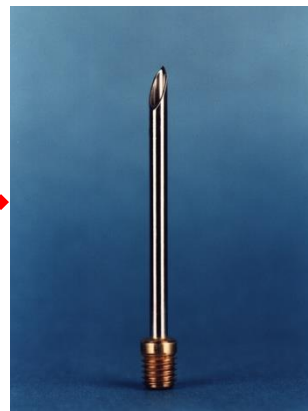


Inflation needles for the plastics industry

Inflation needles with thread attachment M4, M5, M6, M8 or M10



Inflation needle



Inflation needle



Inflation needle

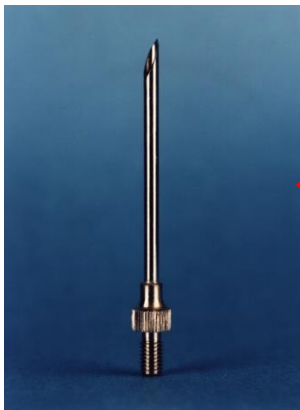
Available from OD 0.20 mm to 10.00 mm.



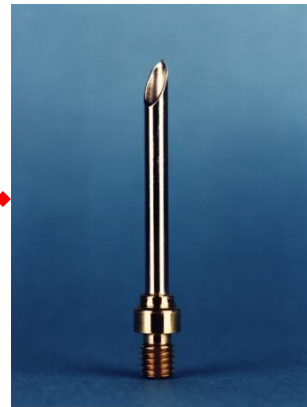
Inflation needles for the plastics industry

Inflation needles with different attachments

Inflation needles with recessed threaded attachment M4, M5, M6, M8 or M10



Inflation needle



Inflation needle

Available from OD 0.20 mm to 10.00 mm.



Inflation needles for the plastics industry

Inflation needles with round attachment



Inflation needle

Round attachment
with a diameter of
6.00 mm and a length
of 10 mm



Inflation needle

Available from OD 0.20 mm to 10.00 mm.



Inflation needles for the plastics industry

Inflation needles with hexagonal attachment and thread M4, M5, M6, M8 or M10



Inflation needle



Inflation needle

Available from OD 0.20 mm to 10.00 mm.

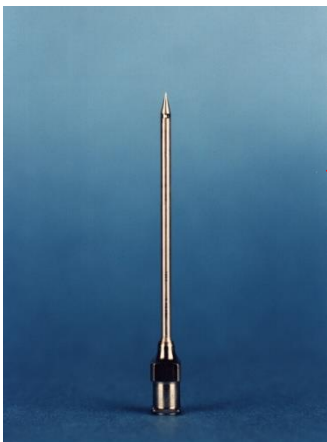


Cannulas for various technical applications

Cannulas for filling and gassing with different attachments



Needle with closed tip and slots or bores, thread attachment



Needle with closed tip and lateral slots or bores, Luer Lock

Available from OD 0.50 mm to 5.00 mm



Cannulas for various technical applications

Cannulas for filling and gassing with various attachments



Cannulas with closed tip, lateral slots and laterally displaced bores

Available from OD 0.50 mm to 5.00 mm



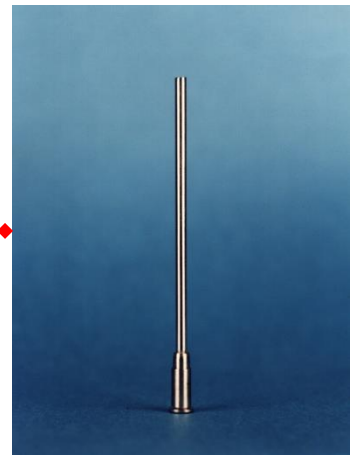
Cannulas for various technical applications

Cannulas for adhesive bonding of cardboard and paper or dosing, special attachment, blunt



Adhesive bonding / dosing cannula

Adhesive bonding / dosing cannula

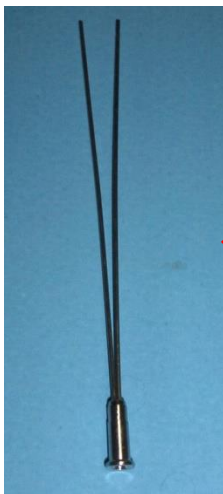


Available in the following sizes:
OD from 0.20 mm to OD 4.50 mm x WT 0.10 mm to 0.50 mm
and in lengths of 10 mm to 350 mm



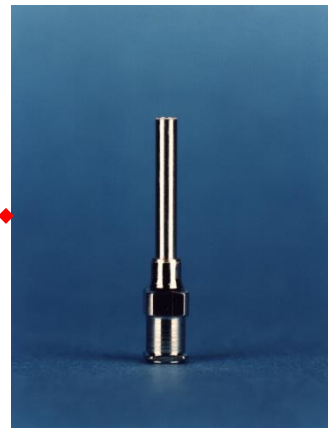
Cannulas for technical applications

Cannulas for the adhesive bonding of cardboard and paper, either with special attachment or Luer Lock, blunt



Adhesive bonding cannula with 2 tubes,
special attachment

Adhesive bonding
cannula Luer Lock



Available in the following sizes:
OD from 0.20 mm to OD 4.50 mm x WT 0.10 mm to 0.50 mm
and in lengths from 10 mm to 350 mm