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Primary specifications

- Sharp end of piece A sharpened so that the tapering part is 10 mm long and the point is sharp enough that it can scratch a human nail.
- The sharp end of piece A should have the form of a sharp pencil.
- Width of piece A: 5 mm.
- Dropping distance of piece E: 250 mm.
- Mass of piece D: 1000 g (± 5 g).
- Mass of all other pieces including nuts: 300 g (± 5 g).

Additional information

- The dimensions in previous page calculated based on diameters and densities of stainless steel (7700 kg/m^3 - 8300 kg/m^3) available in Panama.
- The exact dimensions should be calculated based on material that is available.
- Nuts should be tightened at the non sharp end of piece A to mark a distance of 200 mm and to decrease the risk that if piece A breaks it is jammed inside piece B.
- It is wise to make an extra piece A as a spare part.

Rights

- The penetrometer was designed by Larjavaara and Garcia. Permission is given for it to be manufactured and used anywhere.