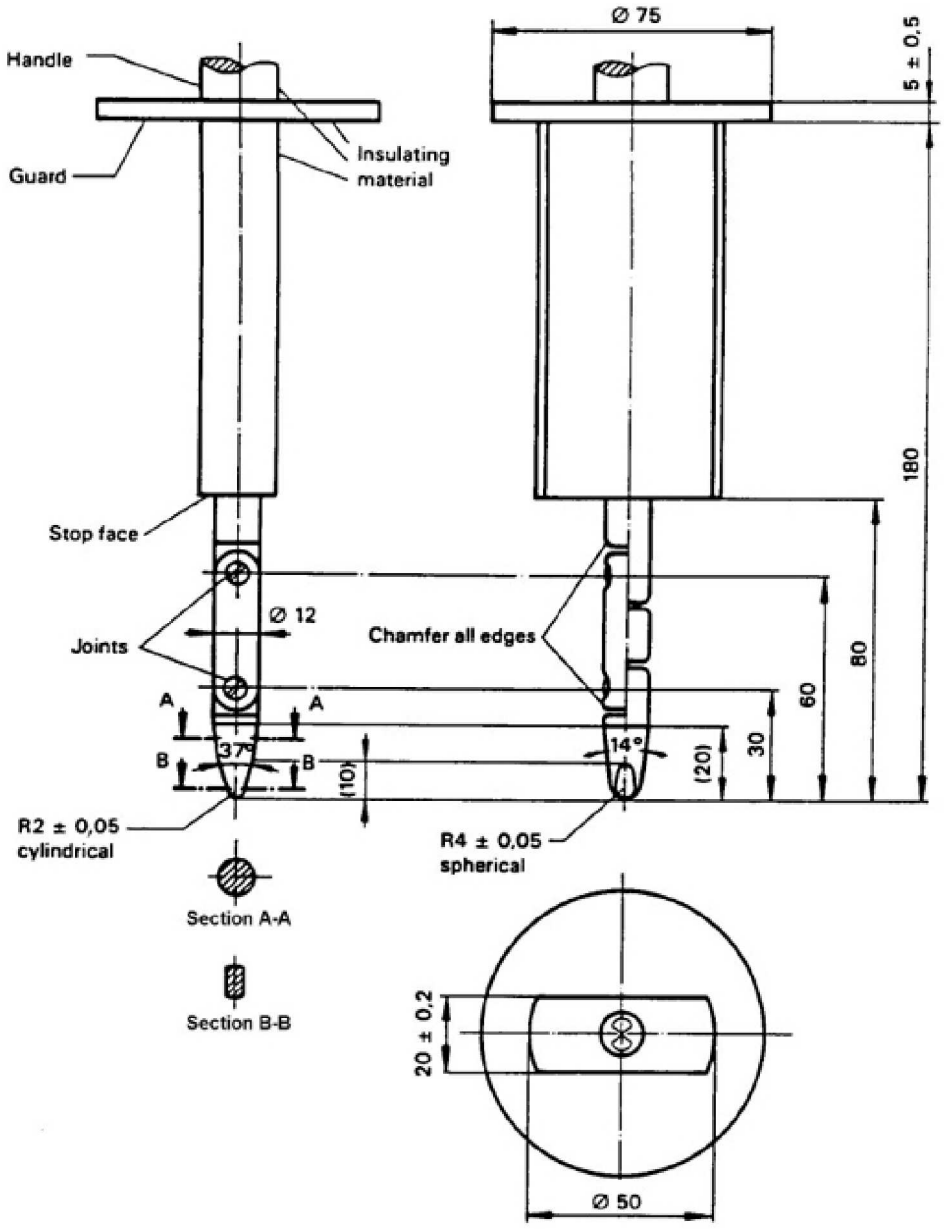
The Jointed Test Finger is a precision test probe made according to Figure 2 (Fig. 2) of the IEC 61032 (Test probe B) and is used to simulate a human finger. It is also used by the standards of CSA, IRAM, UL and IEC 60529 in most of the rules involved in the verification of accessibility to live parts.

Technical Parameters:

1. Knurled Finger Diameter: 12 mm
2. Knurled Finger Length: 80 mm
3. Baffle Plate Diameter: 50 mm
4. Baffle Plate Length: 100 mm
5. Baffle thickness: 20 mm
6. Thrust: 10N

b)



Dimensions in millimetres

Material: metal, except where otherwise specified.

Tolerance on dimensions when no specific tolerance is given:

– on angles: $^{0}_{-10°}$

– on linear dimensions: up to 25 mm: $^{0}_{-0,05}$ mm; over 25 mm: ± 0,2 mm.

Both joints shall permit movement in the same plane and the same direction through an angle of 90° with a 0° to +10° tolerance.

This probe is intended to verify the basic protection against access to hazardous parts. It is also used to verify the protection against access with a finger.

Figure 2 – Test probe B