**Specification for a device for preparing precise test ring-shaped samples from insulation and/or sheaths of cables and wires**

Requirements:

• The device will allow cutting circles/samples from insulation/coating tubes for microscopic examination for structure evaluation.

• Suitable for cutting samples from 1mm to 13mm in diameter

• It is to have an additional set of cutting knives

• The cutting of the sample should be uniform, precise and done in such a way that it does not damage very delicate and thin insulation.

• Cutting should be done by rotating the sample and moving a precision blade to cut an even, circular line allowing for cutting out a thin circle with a thickness of less than 0.5 mm.

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