STANDARDS TEST FIXTURE

Needle Tubing Bend Fixture

Bend test fixture for stainless steel needle tubing to ISO 9626 Annex C



OVERVIEW

Bend test fixture for stainless steel needle tubing according to ISO 9626 Annex C. The tube rests on lower supports while an upper loading element deflects it, allowing the stiffness of injection needles, capillary tubes and cannulas to be measured. Built from aluminum, steel and plastic for low-force testing up to 1 kN.

KEY FEATURES

- Designed for needle tubing bend tests to ISO 9626 Annex C
- Suitable for injection tubes, capillary tubes and cannulas
- Rated for loads up to 1 kN
- Aluminum, steel and plastic construction keeps the fixture lightweight
- Available with 15.9 mm or 20 mm clevis coupling
- Optional version without the lower bar

TECHNICAL SPECIFICATIONS

Max. load	1 kN
Test type	Bend (stiffness)
Standard	ISO 9626 Annex C
Specimen	Stainless steel needle tubing
Coupling	Female clevis Ø 15.9 mm or Ø 20 mm; others via adapter
Material	Aluminum, steel, plastic
Temperature range	0 … +70 °C; other ranges on request
Scope of supply	1 fixture

AVAILABLE VERSIONS

Standard version	Complete bend fixture with lower bar
Without lower bar	Same fixture, supplied without the lower bar

APPLICATIONS

- Hypodermic needle tubing
- Capillary and cannula tubes
- Medical device QC
- Tube stiffness testing

STANDARDS ISO 9626

Ordering & customization: Specify tube outer diameter, the machine coupling, and whether the lower bar is required.

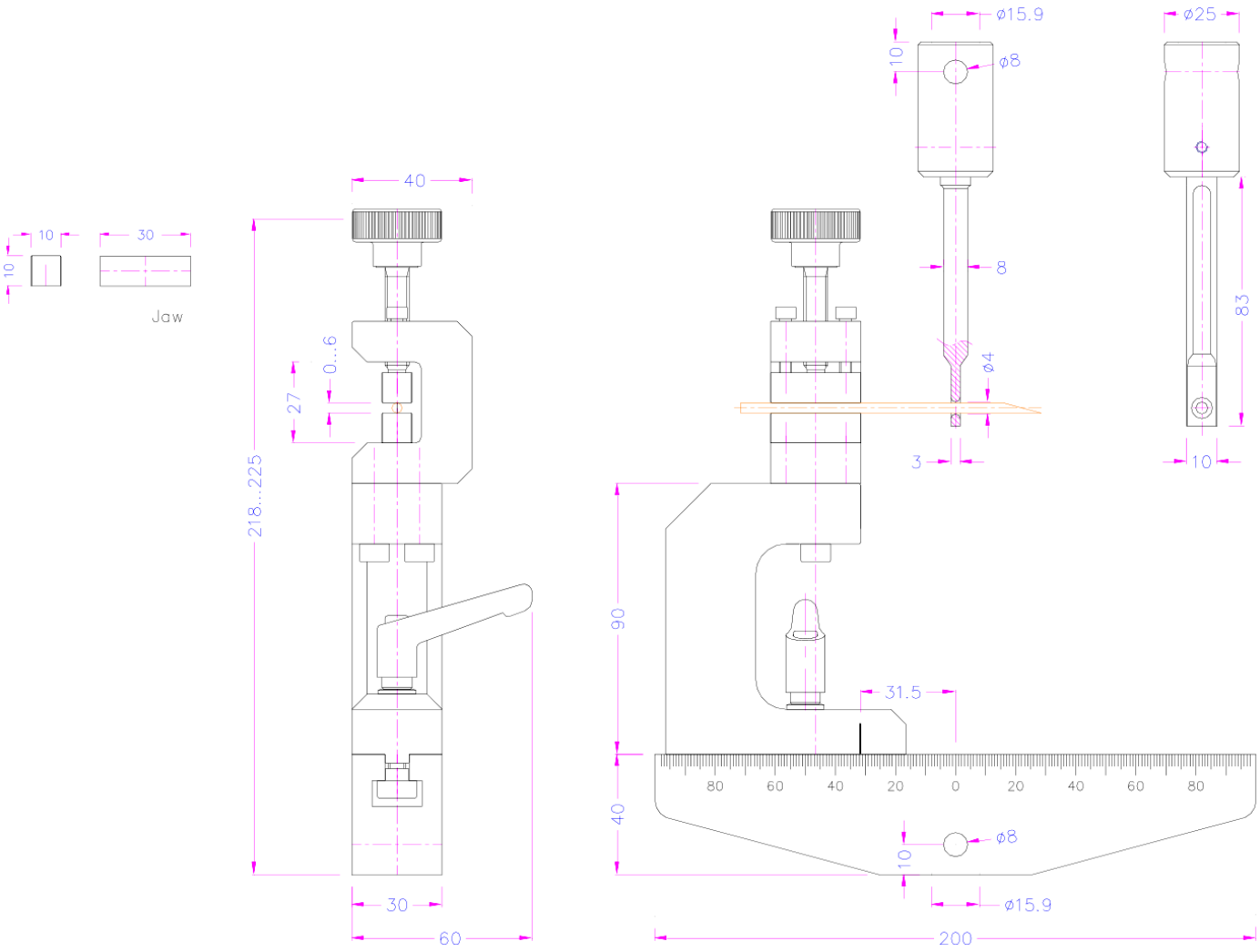
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-ST-130

Needle Tubing Bend Fixture

DIMENSIONAL DRAWINGS

FIG. 1



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.