



Universal protractor with magnifying glass, Beam length: 150mm



Order data

Order number	453500 150
GTIN	4045197294432
Item class	46R

Description

Version:

Clear graduations and numbering of the scale disc 4×90°. Vernier and scale disc are on a common plane, resulting in **error-free parallax-free reading**. Measuring disc **anti-glare chrome-plated**.

The measuring blade has ends angled at 45° and 60°. It can be adjusted and clamped over its entire length. Vernier disc and slide can be locked by a knurled screw. With **fine setting** by knurled screw and **magnifying viewing glass** with field of view covering the whole vernier.

Optional extras:

Clamp No. 453520 (for fixing to scribers No. 445152 – 445222), attachment square No. 453600.

Spare part:

Measuring beam No. 453510, spare magnifying glass No. 453820 size 1.

Technical description

Beam length	150 mm
Scale divisions	5 arc min.
Error limit	±5 arc min.
Measuring range	360 degrees
Standard	Manufacturer's standard
Measurement technology	analogue
Material	Stainless steel, INOX
all parts	hardened
Packaging	sturdy box

Calibration	F4
Type of product	Protractor

Services

Calibration Universal protractor Type UNI	025710 UNI
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Accessories

Spare blade, slot width 2.5 mm Beam length 150 mm	453510 150
Spare magnifying glass for protractor Type 1	453820 1
Holder for clamping the protractor	453520
Attachment square	453600