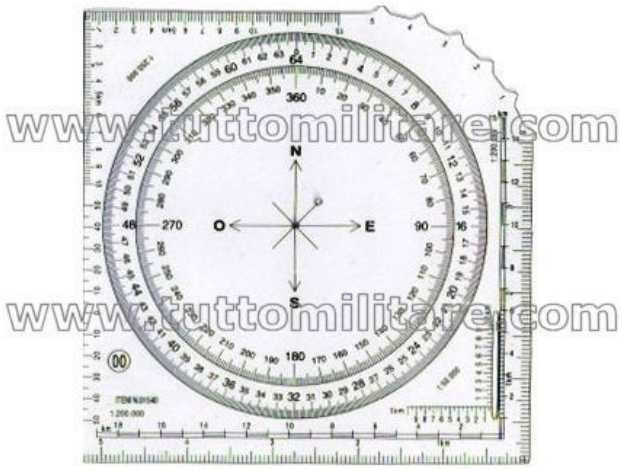
Map Coordinate Protractor



Product price:

€6.50 tax included

Product codes:

Reference: Art. 1367
EAN13: 0658606563445
UPC: 658606563445

Product features:

Product short description:

Compact, accurate and durable, the 10.5 cm transparent PVC map coordinate ruler is an essential tool for military topography and land navigation. Ideal for military, civil protection, police, guides and experienced hikers.

- **Material:** Transparent PVC, 10.5 cm length.
- **Features:** Built-in goniometer and dual ruler in cm and inches.
- **Scales:** 1:50,000 / 1:200,000 / 1:250,000 for common map sheets.
- **Function:** Read and transfer UTM/MGRS coordinates and measure distances on paper maps.
- **Compatibility:** Designed to integrate with GPS and digital navigation workflows.

Product description:

Product overview

The map coordinate ruler is a compact, high-precision tool for measuring distances, reading UTM/MGRS coordinates and checking directions on topographic maps. It is designed for military,

tactical, police, civil protection, rescue teams, advanced outdoors users and instructors who need reliable analogue navigation tools.

Definition: a transparent PVC map coordinate ruler with integrated scales, goniometer and metric/imperial rulers for fast, accurate map-to-ground and ground-to-map work. Useful for military surplus kits, duty equipment and field navigation.

Main features

Small and durable, the ruler combines clear graduated scales, a fine decimal curve for precise coordinate reading and an integrated goniometer to measure azimuths.

- **Material:** transparent PVC for clear map visibility and mechanical resistance.
- **Length:** 10.5 cm — pocketable and field-ready.
- **Integrated goniometer:** measure angles and directions directly on the map.
- **Dual rulers:** centimetres and inches for metric and imperial compatibility.
- **Three map scales:** 1:50,000, 1:200,000 and 1:250,000 for common military and operational maps.
- **Fine curve 0–5:** decimal reading for improved UTM/MGRS precision.

How to use / When it’s useful

Quick answer: use the linear edges to measure Easting and Northing on a 1 km grid square, then apply the 0–5 curved scale for decimal precision to get accurate UTM/MGRS coordinates. The goniometer lets you check azimuths and plan routes at a glance.

In most cases, the tool is used to transfer coordinates from map to ground, to mark GPS or sensor fixes on a paper map, and to verify compass bearings. It speeds up planning, improves accuracy of position reports and provides an analogue backup when electronics fail.

Care and notes

Store and handle the PVC ruler to preserve scale readability and shape; it is lightweight and usable with gloves but benefits from mindful care in the field.

- Keep in a map case or protected pocket when not in use.
- Avoid prolonged contact with solvents or aggressive chemicals.
- Clean with a soft cloth to prevent scratches on the scales.
- Avoid prolonged exposure to extreme heat that can deform the PVC.

FAQ

Q: What does the map coordinate ruler do?

A: It measures distances and reads coordinates on topographic maps, supporting UTM/MGRS systems and map-based navigation for tactical or civilian use.

Q: Is this suitable for military topography training?

A: Yes. It includes dedicated scales and a goniometer useful for training, planning and operational navigation tasks.

Q: Which map scales are included?

A: The ruler has three main map scales: 1:50,000, 1:200,000 and 1:250,000, plus centimetre and inch rulers and the fine 0–5 curve.

Q: How does the 0–5 curve work?

A: The curve measures small offsets on the map (decimals of the grid square) and converts them into decimal values for UTM/MGRS Easting and Northing, improving positional precision.

Q: Can I use it with gloves or in bad weather?

A: Yes. The compact 10.5 cm size and lightweight PVC make it usable with tactical gloves; it is resistant to light impacts and field conditions, but protect it from abrasive damage.

Q: Do I still need a GPS if I have this ruler?

A: Yes. The ruler complements GPS and electronic tools by providing a reliable analogue backup when batteries fail or signal is lost.

Tip: Choose the size and variant that fit your map case or field kit, and consider pairing the ruler with a compass and waterproof map holder to create a complete navigation set.

Product attributes:

Product gallery: