

(UK/0126/0066)



MI-008

United Kingdom of Great Britain and Northern Ireland

**Certificate of EC type-examination of a
measuring instrument**

Number: UK/0126/0066 Revision 1

issued by the Secretary of State for Business, Innovation and Skills
Notified Body Number 0126

In accordance with the requirements of the Measuring Instruments (Material Measures of Length) Regulations 2006 (SI 2006/1267) and the Measuring Instruments (Non-Prescribed Instruments) Regulations 2006 (SI 2006/1270) which implement, in the United Kingdom, Council Directive 2004/22/EC, this certificate of EC type-examination has been issued to:

**Advent Tools Ltd
Unit 5 Century Park
Starley Way
Bickenhill
Solihull
West Midlands, B37 7HF
United Kingdom**

in respect of: Material measure of length
accuracy class: II
nominal length and width: 5 m x 25 mm

Additional accuracy classes, models, lengths and widths are described in section 7 of the Descriptive Annex to this certificate.

The necessary data (principal characteristics, alterations, securing, functioning etc) for identification purposes and conditions (when applicable) are set out in the descriptive annex to this certificate.

This revision replaces previous versions of the certificate.

Signatory: P R Dixon
for Chief Executive
National Weights & Measures Laboratory
(part of the National Measurement Office)
Department for Business, Innovation and Skills
Stanton Avenue
Teddington
Middlesex TW11 0JZ
United Kingdom

Issue Date: 23 August 2010
Valid Until: 05 November 2019
Reference No: T1126/0027

Descriptive Annex

1 REGULATIONS

The measuring instrument in respect of which this certificate of EC type examination has been issued is subject to the provisions and requirements of the Measuring Instruments (Material Measures of Length) Regulations 2006 (SI 2006/1267) and the Measuring Instruments (Non-Prescribed Instruments) Regulations 2006 which implement, in the United Kingdom, Council Directive 2004/22/EC.

2 DESCRIPTION OF THE PATTERN


The pattern is a small composite measure. The blade is 5 m long, 25 mm wide, is made of steel and has a sliding hook at the free end. It has black and red markings on a yellow background protected by a clear film. The blade is graduated in millimetres throughout, on both edges; half-centimetres are also marked. The centimetre intervals are numbered consecutively throughout and the decimetre numbers have a red background. The first part of the blade is shown in the illustration (Figure 1). The blade may be fitted with a case, which may have a wrist strap and a belt hook. The case is not marked with a case dimension for internal measurement.

3 TECHNICAL DATA

- | | | |
|-----|-----------------|------|
| (a) | Accuracy class: | II |
| (b) | Nominal length: | 5 m |
| (c) | Scale interval: | 1 mm |

4 INSCRIPTIONS

The following inscriptions are marked on the front face of the blade within the first 20 cm:

- | | |
|-----|--|
| (a) | Nominal length |
| (b) | Manufacturer's identification:  |
| (c) | Class of accuracy: II |
| (d) | EC type approval certificate number: UK/0126/0066 |

5 APPROVAL CONDITIONS

The certificate is issued subject to the following conditions.

5.1 Legends and inscriptions

5.1.1 The following markings and inscriptions are durably and legibly marked onto the blade of the tape measure, and fulfil the requirements of Directive 2004/22/EC Article 17:

- CE' mark
- Supplementary metrology mark
- Notified Body number [as required by Article 17(3)]

and

Paragraph 9 of Annex I:

- Accuracy class
- Manufacturers mark or name
- Certificate number
- Tractive force (if applicable)
- Reference temperature (if other than 20°C)

5.1.2 The models of the tape measures may be fitted with tape cases, which are identified by a model number, e.g. XXXX-YYZZM, where XXXX is the case model (e.g. “ATM2”), YY is the nominal length (e.g. “50” (represents 5.0 m)) and ZZ is the nominal width (e.g. “25” (represents 25 mm)). The case may be of any colour.

6 LOCATION OF MARKS

6.1 The inscriptions in section 4 together with the ‘CE’ marking, supplementary metrology marking and notified body number are printed on the blade near the beginning. An example of the markings is shown in Figure 1.

7 AUTHORISED ALTERNATIVES

7.1 Having alternative blade dimensions as described in Table 1 below:

Nominal Length (m)	Nominal Width (mm)
3	19
3.6	19
5	19
7.5	32
8	25
10	25

Table 1

7.2 Having the following case models (see relevant Figure number for example of cases), which are not marked with case dimensions for internal measurements, as described in Table 2 below:

Model	Figure No.
ATM2	3
ATM4	4
ATM5	5
ATM6	6
ATM8	7
MR	8
AGT	9
AMP	10

Table 2

7.3 Having a magnet fitted onto the end hook with of the blade (Figures 11 & 12). The magnet should only be used as a “reference point” for the blade when a measurement is made with the blade “in compression”, and not be used as a “reference point” for the blade when a measurement is made with the blade “in tension”. The instrument shall be accompanied by instructions for correct operation.

7.4 Having the blade graduated in millimetres throughout on the lower edge, and Imperial graduations on the upper edge (as shown in Figure 2). The imperial graduations have been taken into consideration as ‘supplementary indications’. Approval under this Certificate is limited to the metric graduations only.

7.5 Having alternative models of steel tape measure blade as detailed in Table 3 below

Model No:	Accuracy Class	Nominal Length (m)	Nominal Width (mm)
AMP-5025	I	5 m	25 mm

Table 3

7.6 Having an alternative model of steel tape measure blade identified as: ATM4-5025VV. An example of the tape blade and hook end is shown in Figure 13.

8 ILLUSTRATIONS

- Figure 1 The Blade (Metric Only Markings)
- Figure 2 The Blade (Metric and Imperial Markings)
- Figure 3 Case Model ATM2
- Figure 4 Case Model ATM4
- Figure 5 Case Model ATM5
- Figure 6 Case Model ATM6
- Figure 7 Case Model ATM8
- Figure 8 Case Model MR
- Figure 9 Case Model AGT
- Figure 10 Case Model AMP
- Figure 11&12 Examples of Magnetic End Hooks
- Figure 13 Example of ATM4-5025VV

9 CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
UK/0126/0066	06 November 2009	Type approval first issued.
UK/0126/0066 Revision 1	23 August 2010	Revision 1 issued. Addition of section 7.6 and Figure 13

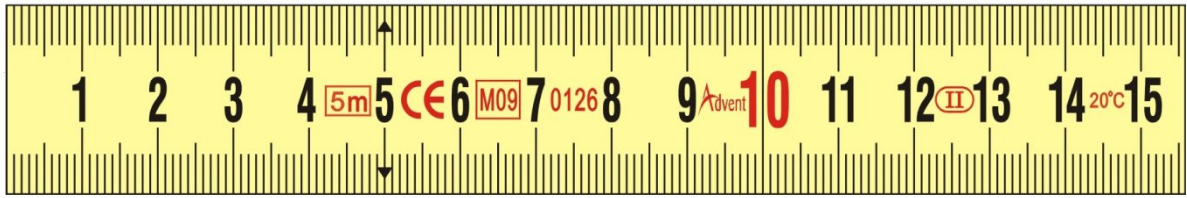


Figure 1: The blade

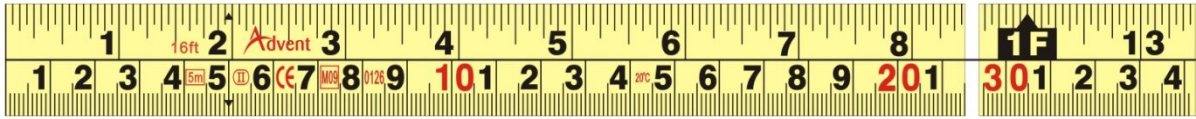


Figure 2: Metric & Imperial Markings



Figure 3: Case Model ATM2



Figure 4: Case Model ATM4



Figure 5: Case Model ATM5



Figure 6: Case Model ATM6



Figure 7: Case Model ATM8



Figure 8: Case Model MR



Figure 9: Case Model AGT



Figure 10: Case Model AMP

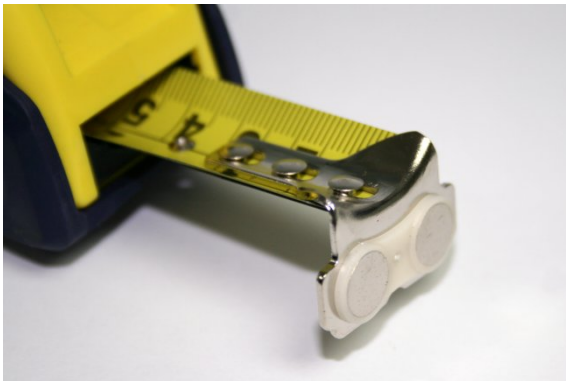


Figure 11: Magnetic End Hook 1

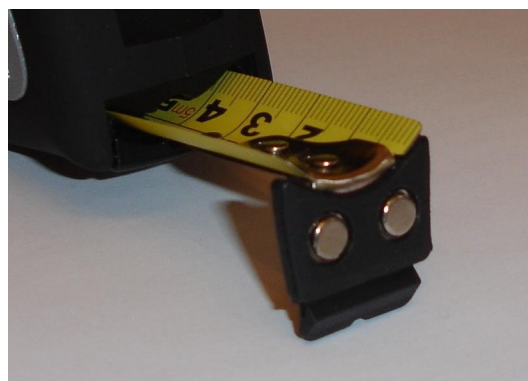


Figure 12: Magnetic End Hook 2



Figure 13 Example of ATM4-5025VV