



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1254-1:1998

ICS 23.040.40

**COPPER AND COPPER ALLOYS -  
PLUMBING FITTINGS - PART 1: FITTINGS  
WITH ENDS FOR CAPILLARY SOLDERING  
OR CAPILLARY BRAZING TO  
COPPER TUBES**

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Údarás um Chaighdeán Náisiúnta na hÉireann



**DECLARATION**

**OF**

**SPECIFICATION**

**ENTITLED**

**COPPER AND COPPER ALLOYS - PLUMBING FITTINGS - PART 1: FITTINGS WITH  
ENDS FOR CAPILLARY SOLDERING OR CAPILLARY BRAZING TO COPPER TUBES**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**COPPER AND COPPER ALLOYS - PLUMBING FITTINGS - PART 1: FITTINGS WITH  
ENDS FOR CAPILLARY SOLDERING OR CAPILLARY BRAZING TO COPPER TUBES**

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NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Copper and copper alloys - Plumbing fittings - Part 1: Fittings with ends for capillary soldering or capillary brazing to copper tubes) Declaration, 1998.
2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Copper and copper alloys - Plumbing fittings - Part 1: Fittings with ends for capillary soldering or capillary brazing to copper tubes. The Schedule comprises the text of EN 1254-1:1998.  
(2) The said standard specification may be cited as Irish Standard EN 1254-1:1998 or as I.S. EN 1254-1:1998.



## **National Foreword to I.S./EN 1254 -1 Copper and copper alloys - Plumbing fittings - Part 1: Fittings with ends for capillary soldering or capillary brazing to copper tubes**

I.S./EN 1254 - 1 adopts CEN European Standard EN 1254 - 1 as an Irish Standard. It does not replace any existing Irish standard.

The fittings described in I.S./EN 1254 - 1 are for use in conjunction with copper pipe specified in I.S./EN 1057 : 1996 'Copper and Copper alloys - Seamless, round copper tubes for water and gas in sanitary and heating applications'.

Fittings supplied to I.S./EN 1254 - 1, with nominal diameters of 14.7, 21, 27.4, 34, 40.5 and 53.6 mm, should have tolerances compatible with the corresponding nominal diameters and associated maximum and minimum dimensions of copper tubing traditionally used in Ireland. The relevant values are given in the National Foreword to I.S./EN 1057 : 1996.

When connecting to existing plumbing systems, it is worth noting that existing copper tubing may have the dimensions given in the National Foreword to I.S./EN 1057 : 1996.

Where in doubt, confirmation of compatibility should be obtained from the relevant manufacturers.



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