



National Standards Authority of Ireland

STANDARD

I.S. EN 74 : 1989

ICS 91.220

**COUPLERS, LOOSE SPIGOTS AND  
BASE-PLATES FOR USE IN WORKING  
SCAFFOLDS AND FALSEWORK MADE OF  
STEEL TUBES -  
REQUIREMENTS AND TEST PROCEDURES**

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## **DECLARATION**

OF

SPECIFICATION

ENTITLED

**COUPLERS, LOOSE SPIGOTS AND BASE-PLATES FOR USE IN WORKING  
SCAFFOLDS AND FALSEWORK MADE OF STEEL TUBES – REQUIREMENTS AND  
TEST PROCEDURES**

AS

**THE IRISH STANDARD SPECIFICATION FOR**

**COUPLERS, LOOSE SPIGOTS AND BASE-PLATES FOR USE IN WORKING  
SCAFFOLDS AND FALSEWORK MADE OF STEEL TUBES – REQUIREMENTS AND  
TEST PROCEDURES**

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EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Couplers, Loose Spigots and Base-Plates for Use in Workng Scaffolds and Falsework Made of Steel Tubes – Requirements and Test Procedures) Declaration, 1989.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Couplers, Loose Spigots and Base-Plates for Use in Workng Scaffolds and Falsework Made of Steel Tubes – Requirements and Test Procedures. The schedule comprises the text of EN 74.  
(2) The said standard specification may be cited as Irish Standard/EN 74 : 1989 or as I.S./EN 74 : 1989.

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NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 74

June 1988

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*Key words:* Steel tubes, scaffolding, fasteners, pipe fittings, centring pins, supports, equipment specifications, inspection methods, sampling, mechanical tests.

*English version*

## Couplers, loose spigots and base-plates for use in working scaffolds and falsework made of steel tubes; Requirements and test procedures

Raccords, goujons d'assemblage et semelles pour échafaudages de service et d'étalement en tubes d'acier; Spécifications et méthodes d'essai

Kupplungen, Zentrierbolzen und Fussplatten für Stahlrohr-Arbeitsgerüste und -Tragegerüste; Anforderungen, Prüfungen

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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

## Brief history

Since July 1970 CEN/TC 53 "*Components of tubular steel scaffoldings*" has dealt with European standardization within the field of scaffolding in order to abolish trade barriers due to differing safety requirements on building sites. After preliminary vote on the European Standard EN 39 "*Steel tubes for working scaffoldings; requirements, tests*" the European Standard pr EN 74 "*Couplers and accessories for working scaffoldings made of steel tubes; requirements and test procedures*" was prepared and in autumn 1975 CEN submitted the first draft of this standard to its CEN Members for preliminary vote. At the same time this standard was also adopted as ISO 4054 by ISO/TC 5 "*Metal pipes and fittings*" and in November 1977 it was submitted to the ISO Members for vote. As the ISO Standard was adopted the first edition of ISO 4054 "*Couplers, loose spigots and base-plates for use in working scaffoldings made of steel tubes; requirements and test procedure*" was published in April 1980.

During its 19th meeting in Copenhagen in spring 1984 CEN/TC 53 (meanwhile renamed "*Scaffoldings, falsework and mobile access towers*") discussed once again the question concerning couplers for working scaffoldings as well as for falsework and charged CEN/TC 53/WG 3 with the revision of the first draft pr EN 74. In this connection the higher requirements which are necessary for falsework should also be taken into consideration.

During its 21st plenary meeting in autumn 1986 in Zurich CEN/TC 53 accepted EN 74 as amended by its working group WG 3 and requested the DIN secretariat to send EN 74 out as a European standard by CEN for final voting.

According to the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal, Spain, Switzerland, United Kingdom.

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