



**NSAI**  
Standards

Irish Standard  
I.S. 105-1:1977

# Wire and Cut Nails for Building Purposes (Metric)

## I.S. 105-1:1977

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

I.S. 105-1:1977/A1:1977

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S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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**AMENDMENT**  
 OF  
 STANDARD SPECIFICATION  
 (WIRE AND CUT NAILS FOR BUILDING PURPOSES) (METRIC)  
 DECLARATION, 1977

23 NOV 1977

IRISH STANDARD 105: PART 1: 1977

The Institute for Industrial Research and Standards in exercise of the power conferred by section 20(5) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961), 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 (Wire and Cut Nails for Building Purposes) (Metric) Declaration 1977 (Amendment) 1977.
2. Irish Standard 105: Part 1: 1977 set out in the Schedule to the Standard Specification (Wire and Cut Nails for Building Purposes) (Metric) Declaration 1977, is hereby amended as indicated in the Schedule hereto.

**FOREWORD**

**Line 16** After "Drive screw nails" add the words "and staples."

**SCHEDULE**

- Clause 1, Scope.** Add new sentence: "The term wire nails shall include staples."
- Clause 2, Classes and Types.** Alter "10" to read "11."
- Clause 5.1 Workmanship.** Add new sentence: "Staples shall conform to the shape illustrated in Figure 11 and shall be free from burrs or other defects which may be detrimental to their use."

**Table 1. Classes and Types:** Add the following:

Class	Type	Material	Finish
Staples	Sliced	Steel	Bright or galvanized

**Clause 8 Shape and Dimensions**

- Line 2, Alter "10" to read "11"  
 Line 3, Alter "11" to read "12"  
 Line 4, Alter "10" to read "11".

**Clause 9 Method of Measurement of Length.** Add new sentence: "The nominal length of the staple shall be the distance from the extreme end point of the staple to the underside of the U formation. (See 'L' in Figure 11.)"

**Clause 10, Tolerances on Dimensions.** Add the following sub-clauses:

“10.3 *Staples.* The dimensions of staples obtained from Table 12 and Figure 11 shall be subject to the following tolerances:

10.3.1 *Width between legs (W)* (measured at the centre of the length *(L)*):

- (a) When the diameter *(D)* is 2.00 mm or less . . .  
±1.0 mm.
- (b) When the diameter *(D)* is greater than 2.00 mm . . .  
±2.0 mm.

10.3.2 *Leg Diameter (D)*:

- (a) When the diameter *(D)* is greater than 2.0 mm . . .  
±0.05 mm.
- (b) When the diameter *(D)* is 2.00 mm or less . . .  
±0.03 mm.

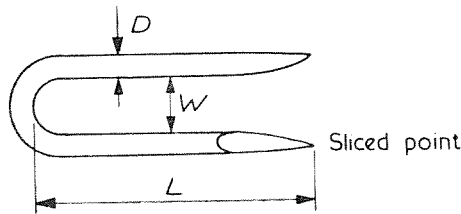
10.3.3 *Length (L)*:

- (a) When the diameter *(D)* is greater than 2.00 mm . . .  
±1.0 mm.
- (b) When the diameter *(D)* is 2.00 mm or less . . .  
±0.5 mm.

After Fig. 10 add the following table and figure:

**Table 12. Staples**

Length: (L) mm	Width between legs: (W) mm	Diameter: (D) mm	Nearer former S.W.G.
50	8.0	4.00	8
40	8.0	4.00	8
30	8.0	4.00	8
30	6.0	3.35	10
25	6.0	3.35	10
20	4.0	2.00	14



**Fig. 11. Staples**

**Appendix A, Line 5.** Omit “or” and add “or staples” after the words “drive screw nails.”

GIVEN under the Seal of the Institute,

this <sup>1<sup>st</sup></sup> day of November, 1977

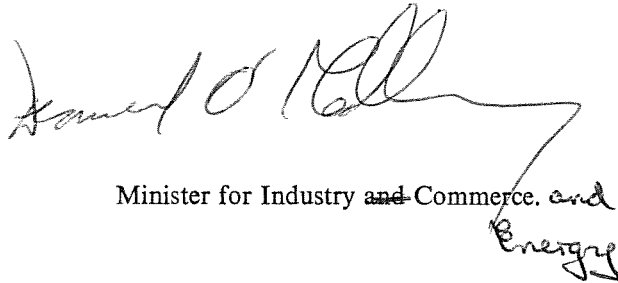


Chairman of the Board of the Institute.

I consent to the above declaration -

GIVEN under my Official Seal,

this <sup>22<sup>nd</sup></sup> day of November, 1977



Minister for Industry ~~and~~ Commerce. and  
Energy

**IRISH STANDARD SPECIFICATION**

**WIRE AND CUT NAILS  
FOR BUILDING PURPOSES  
(METRIC)**

I.S. 105: Part 1: 1977

*Price* £2.15

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