

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Packaging of winding wires –**  
**Part 3-1: Taper barrelled delivery spools – Basic dimensions**  
(standards.iteh.ai)

**Conditionnement des fils de bobinage –**  
**Partie 3-1: Bobines de livraison à fût de forme conique – Dimensions de base**  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**PACKAGING OF WINDING WIRES –****Part 3-1: Taper barrelled delivery spools –  
Basic dimensions**

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International Standard IEC 60264-3-1 has been prepared by IEC technical committee 55: Winding wires.

This consolidated version of IEC 60264-3-1 consists of the second edition (1999) [documents 55/714/FDIS and 55/738/RVD] and its amendment 1 (2003) [documents 55/837/FDIS and 55/863/RVD].

The technical content is therefore identical to the base edition and its amendment and has been prepared for user convenience.

It bears the edition number 2.1.

A vertical line in the margin shows where the base publication has been modified by amendment 1.

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## INTRODUCTION

This part of IEC 60264 is one of a series which deals with insulated wires used for windings in electrical equipment. The series comprises three groups describing

- methods of test (IEC 60851);
- specifications (IEC 60317);
- packaging (IEC 60264).

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## PACKAGING OF WINDING WIRES –

### Part 3-1: Taper barrelled delivery spools – Basic dimensions

#### 1 Scope

This part of IEC 60264 specifies basic dimensions for taper barrelled delivery spools for winding wires, with the aim of standardizing them.

#### 2 Dimensions

The dimensions and tolerances for taper barrelled delivery spools are given in table 1 and table 2 in accordance with figure 1.

NOTE Figure 1 is given to identify the dimensions specified and is not intended to show any particular construction.

**Table 1 – Dimensions for standard spools**

Spool type	Dimensions mm										
	$d_1$	$d_2$	$d_3$	$d_4$	$l_1$ max.	$l_2$		$t_1$	$s_1$ max.	$z$	$y$
						Nominal	Tolerances				
200/315	200	125	190	112	315	265	$+0,3$ $0$	7	25	0,4	0,3
250/400	250	160	236	140	400	335	$+0,5$ $0$	15	32,5	0,6	0,4
315/500	315	200	300	180	500	425	$+0,8$ $0$	20	37,5	1,0	0,6
400/630	400	250	375	224	630	530	$+1,0$ $0$	30	50	2,0	1,0

NOTE The datum face should be agreed between supplier and purchaser.

**Table 2 – Dimensions for special applications**

Spool type	Dimensions mm										
	$d_1$	$d_2$	$d_3$	$d_4$	$l_1$ max.	$l_2$		$t_1$	$s_1$ max.	$z$	$y$
						Nominal	Tolerances				
500/800	500	315	475	280	800	670	$+1,5$ $0$	30	65	2,5	1,5
630/1 000	630	400	600	355	1 000	850	$+2,0$ $0$	30	75	3,0	2,0

NOTE The datum face should be agreed between supplier and purchaser.

#### 3 Material

Requirements shall be stated in the purchaser's order.

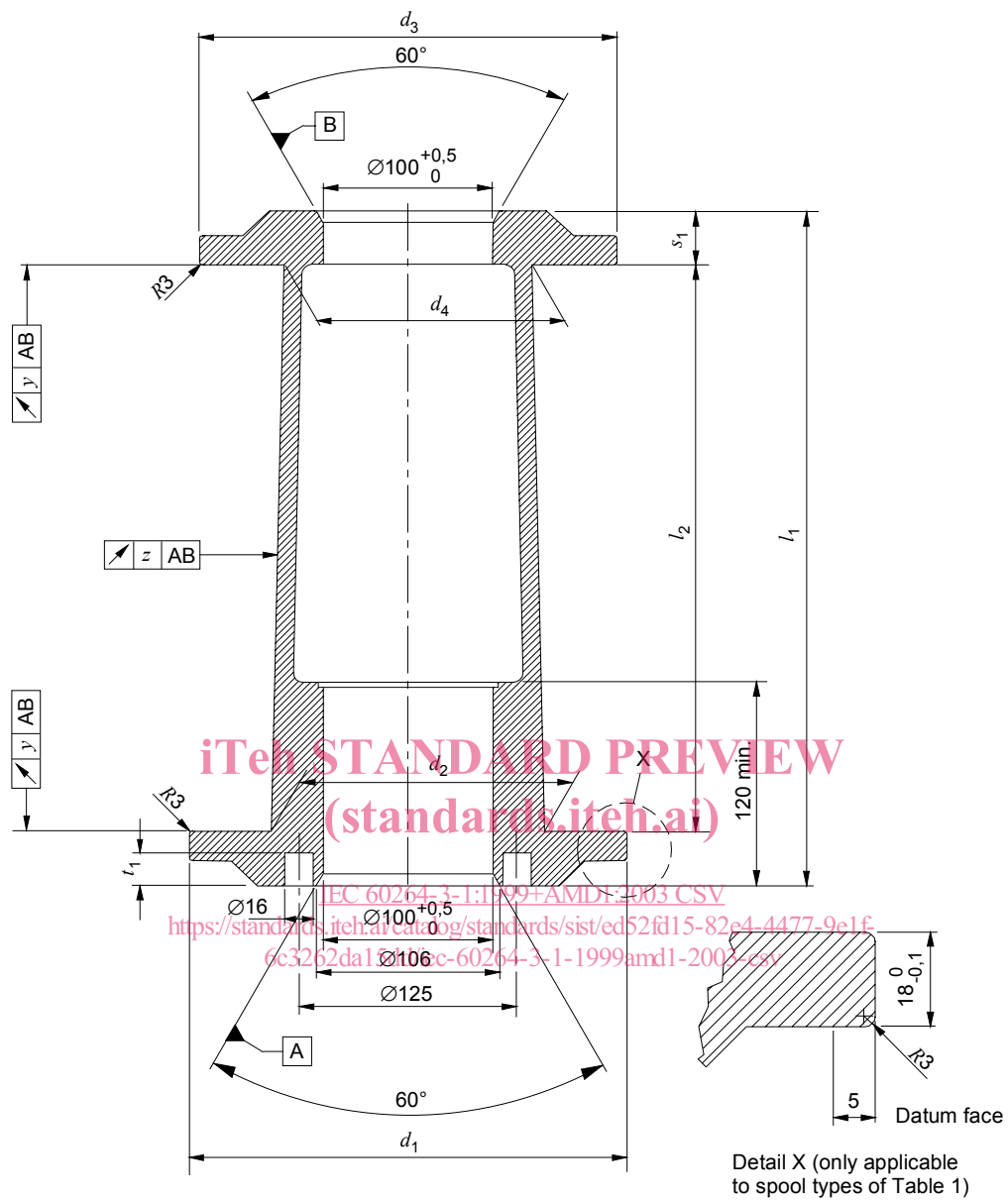


Figure 1 – Taper barrelled delivery spool



## Bibliography

IEC 60264 (all parts), *Packaging of winding wires*

IEC 60317 (all parts), *Specifications for particular types of winding wires*

IEC 60851 (all parts), *Winding wires – Test methods*

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