



NSAI
Standards

Irish Standard
I.S. EN 16031:2012

Adjustable telescopic aluminium props - Product specifications, design and assessment by calculation and tests

I.S. EN 16031:2012

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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

This document replaces:

This document is based on:
EN 16031:2012

Published:
8 June, 2012

This document was published under the authority of the NSAI and comes into effect on:
8 June, 2012

ICS number:

91.220

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Údarás um Chaighdeáin Náisiúnta na hÉireann

ICS 91.220

English Version

Adjustable telescopic aluminium props - Product specifications, design and assessment by calculation and tests

Etais télescopiques réglables en aluminium - Spécifications
du produit, conception et évaluation par calculs et essais

Baustützen aus Aluminium mit Ausziehvorrichtung -
Produktfestlegungen, Bemessung und Nachweis durch
Berechnung und Versuche

This European Standard was approved by CEN on 28 April 2012.

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Contents

	Page
Foreword.....	4
Introduction.....	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Symbols	9
5 Classification	10
6 Designations	11
7 Materials	12
8 Requirements	12
8.1 Tubes	12
8.2 Welding	12
8.3 Length adjustment device	12
8.4 Permanent prevention against unintentional disengagement.....	12
8.5 Anti hand trap	13
8.6 Overlapping length	13
8.7 Endplates	14
9 Verification	14
9.1 General.....	14
9.2 Calculation of prop strength.....	15
9.2.1 General.....	15
9.2.2 Imperfections	15
9.2.3 Behaviours of inner and outer tube	17
9.2.4 Boundary conditions.....	17
9.2.5 Verification of prop strength	21
9.3 Verification of the strength of length adjustment device	22
9.4 Verification of the prevention against unintentional disengagement.....	22
9.5 Confirmation of the calculation results by testing.....	22
10 Tests.....	22
10.1 General.....	22
10.2 Detail tests.....	22
10.2.1 Compression tests on unthreaded tubes.....	22
10.2.2 Compression tests on threaded tube	23
10.2.3 Bending tests on threaded tube.....	25
10.2.4 Tests for the limit eccentricities of prop ends	27
10.2.5 Compression tests on length adjustment device	30
10.3 Test of the prevention against unintentional disengagement	30
10.3.1 Purpose of test.....	30
10.3.2 Test arrangement.....	31
10.3.3 Evaluation of test results	31
10.4 Confirmation test for the prop strength	31
10.4.1 Material properties.....	31
10.4.2 Global test	32
11 Documentation of test results	32

	Page
12 Marking	32
13 Assessment	33
14 User manual	33
Annex A (informative) Ongoing production control	34
Bibliography	36

Foreword

This document (EN 16031:2012) has been prepared by Technical Committee CEN/TC 053 “Temporary works equipment”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2012, and conflicting national standards shall be withdrawn at the latest by November 2012.

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Introduction

This European Standard deals with the more common types of adjustable telescopic aluminium props in current use. It is not intended to prevent development of other types of props. For example, props may have hinged ends or other length adjustment devices or be made of other materials. Whilst such props cannot comply with this European Standard, it is nevertheless recommended that the principals of this European Standard be considered in the design and assessment of such props.

This European Standard is a product standard primarily for use in the field of falsework and formwork standardized in EN 12812.

The specified values for load bearing capacity listed in this European Standard are figures for classification. For site use, γ_F and γ_M can be found in EN 12812.

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