DIN EN 1677-2:2008-06 (E)

Components for slings - Safety - Part 2: Forged steel lifting hooks with latch, Grade 8 (includes Amendment A1:2008)

Contents

Page

Foreword 3

Introduction 4

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Hazards 5

5 Safety requirements 6
5.1 Design 6
5.2 Dimensions 6
5.3 Materials and heat treatment 9
5.4 Manufacturing methods and workmanship 9
5.5 Mechanical properties 9
5.6 Hook latches 10

6 Verification of safety requirements 11
6.1 Qualification of personnel 11
6.2 Type tests 11
6.3 Manufacturing test regime and acceptance criteria 11
6.4 Hook latches 11

7 Marking 12

8 Manufacturer's certificate 12

9 Instructions for use 12

Annex A (informative) Bases for the calculation of hook dimensions 13

Annex B (informative) Designation system for hooks - Grade 8 14

B.1 Designation 14
B.2 General format 14

Annex ZA (informative) !Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC 15

Annex ZB (informative) !Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC 16