

Specification for

Steel wire for cold forged fasteners and similar components —

Part 2: Stainless steel

UDC 621.88:669.14-426 + 621.88:669.14.018.8-426

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents

AVA

Document Sharing Hub

Cooperating organizations

The Iron and Steel Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

British Cast Iron Research Association	Institute of British Foundrymen
British Constructional Steelwork Association	Institute of Marine Engineers
British Internal Combustion Engine Manufacturers' Association	Institute of Quality Assurance*
British Ironfounders' Association	Institution of Mechanical Engineers
British Railways Board	Institution of Production Engineers
British Shipbuilders	Institution of Structural Engineers
British Steel Industry*	International Tin Research Institute
British Steel Industry — Wire Section*	Lloyd's Register of Shipping
Concrete Society Limited	Ministry of Defence
Council of Ironfoundry Associations	National Association of Drop Forgers and Stampers
Department of Industry National Physical Laboratory	Oil Companies Materials' Association
Electricity Supply Industry in England and Wales	Process Plant Association
Engineering Equipment Users' Association	Royal Institute of British Architects
Federation of Civil Engineering Contractors	Society of Motor Manufacturers and Traders Limited*
Greater London Council	Steel Casting Research and Trade Association
	Water-tube Boilermakers' Association

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

British Electrical and Allied Manufacturers' Association (BEAMA)	Railway Industry Association of Great Britain
British Industrial Fasteners Federation	Society of Chain Link Fencing Manufacturers
British Steel Corporation	Spring Research and Manufacturers' Association
British Wire Netting Association	
Fencing Contractors' Association	Stainless Steel Wire Export Group

This British Standard, having been prepared under the direction of the Iron and Steel Standards Committee, was published under the authority of the Executive Board and comes into effect on 29 June 1979

© BSI 03-1999

The following BSI references relate to the work on this standard:
Committee reference ISE/26
Draft for comment 77/77266 DC

ISBN 0 580 10816 3

Amendments issued since publication

Amd. No.	Date of issue	Comments

Contents

	Page
Cooperating organizations	Inside front cover
Foreword	ii
Section 1. General requirements	
1 Scope	1
2 References	1
3 Information to be supplied by the purchaser	1
4 General	1
5 Steelmaking process	1
6 Freedom from defects	1
7 Condition of wire on delivery	1
8 Types of coatings	1
9 Chemical composition	1
10 Material for testing	2
11 Mechanical tests	2
12 Intercrystalline corrosion and grain size tests	2
13 Tolerance on diameter	2
14 Identification	2
15 Inspection	3
16 Testing facilities	3
17 Manufacturer's statement	3
Section 2. Specific requirements	
18 Chemical composition	3
19 Tensile strength	3
Appendix A Intercrystalline corrosion test for austenitic stainless steels	4
Table 1 — Permitted variations of product analysis from specified range	2
Table 2 — Tolerance on diameter	2
Table 3 — Chemical composition	3
Publications referred to	Inside back cover