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ICS 77.140.20

H 40

**GB**

**National Standard of the People's Republic of China**

GB/T 1220—2007  
Replace GB/T 1220—1992

# **Stainless Steel Bars**

## **不锈钢棒**

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**Jointly issued by General Administration of Quality Supervision,  
Inspection and Quarantine of the People's Republic of China and  
Standardization Administration of the People's Republic of China**

## Foreword

This standard replaces GB/T1220-1992 "Stainless Steel Bar."

Compared with GB/T 1220-1992, major changes of this standard are as follows:

- It adds " terminology and definition" and "order content" (see chapter 3 and chapter 4);
- "dimension, shape, weight and permissible variation" is revised to be universal basic standard code of direct reference (chapter 4 in the edition 1992 and chapter 6 of this edition);
- it cancels 6 designations of 1Cr18Mn10Ni5Mo3N, 1Cr18Ni12Mo2Ti, oCr18Ni12Mo2Ti, 1Cr18Ni12Mo3Ti, 1Cr18Ni9Ti and 0Cr26Ni5Mo2 (table 2 and table 3 in edition 1992);
- it adds 6 designations and properties of 022Cr22Ni5Mo3N, 022Cr23Ni5Mo3N, 022Cr25Ni6Mo2N, 03Cr25Ni6Mo3Cu2N, 17Cr16Ni2 and 05Cr15Ni5Cu4Nb (see table 2 and table 7, table 4 and table 9, table 5 and table 10);
- It adjusts chemical compositions of 21 designations (SN 1, 3, 13, 17, 23, 25, 35, 38, 39, 41, 43, 44, 52, 55, 62, 68, 83, 85, 98, 137 and 139) and it also adjusts phosphorus content of some of the designations (table 2 in edition 1992 and table 1 to table 5 in this edition);
- It makes revision for the "smelting process," it gives first rank to adopting molten-steel-making and proficiency technology outside the furnace (5.2 in edition 1992 and 7.2 in this edition);
- "Delivery state" of "if purchaser put forward, it may also not be disposed" is revised to "negotiate by the parties, it may also not be disposed," and it shall increase annealing treatment delivery according to steel organizational choice for the precipitation hardening stainless steel (5.3 in edition 1992 and 7.3 in this edition);
- "surface quality" adds " negotiate by the parties, and indicated in the

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