

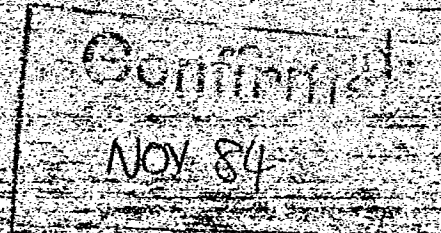


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Specification for
**Stainless steel pipes
and fittings for the
food industry**

Part 2. Bends and tees



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British Standards Institution



Documents

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The following BSI references relate to the work on this standard:

Committee references MEE/129 & MEE/129/3 Draft for approval 71/35449

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

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Department of Employment (H.M. Factory Inspectorate)	National Physical Laboratory (Department of Trade and Industry)
Department of the Environment	Process Plant Association
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Department of Trade and Industry—National Engineering Laboratory	Telecommunications Engineering Manufacturing Association

The Government department and scientific and industrial 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.

Association of Heating, Ventilating and Domestic Engineering Employers	Copper Development Association
British Iron Founders' Association	Copper Tube Fittings Manufacturers' Association
British Cast Iron Pressure Pipe Association	Food Manufacturers Federation Incorporated
British Malleable Tube Fittings Association	Metropolitan Water Board
British Non-Ferrous Metals Federation	Milk Distributing Council
British Welded Steel Tube Manufacturers Association	National Brass Foundry Association
British Waterworks Association	Oil Companies Materials Association
Chemical Industries Association	Society of British Gas Industries
	Society of Dairy Technology

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Amendments issued since publication

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Foreword

This British Standard has been prepared under the authority of the Mechanical Engineering Industry Standards Committee, and this Part of the standard forms one of four Parts, viz.

- Part 1 Pipes
- Part 2 Bends and tees
- Part 3 Clamp type couplings
- Part 4 Screwed type couplings

This Part of the standard is based upon a proposal submitted by the UK to ISO/TC 5/SC 9 for bends and tees for stainless steel welded pipe lines, and subsequently accepted by ISO/TC 5/SC 9 as the basis of ISO Draft International Standard 2851 'Metal pipes and fittings. Bends and Tees for the food industry'.

Face to centre line dimensions are important design features and have been chosen to give sufficient lengths for application with commonly used pipe couplings.

ISO/R 285 has not been used for this standard since for the food industry the normal bend radius should be approximately 1.5 times the outside diameter.

Pipe with outside diameters of 22 mm, 28 mm, 40 mm and 70 mm have been included in this Part of the standard in order to be in agreement with the International Standard for bends and tees but are not manufactured in the UK, since there is no requirement for them. Similarly, the thinner wall dimensions given in ISO/R 2037 for pipes used for expanding purposes only have been omitted from this standard and only one range of thicknesses is given for pipes for welding, expanding and general purposes, to conform with standard UK practice.