

# INTERNATIONAL STANDARD

**ISO  
2852**

Second edition  
1993-06-15

---

---

## **Stainless steel clamp pipe couplings for the food industry**

*Raccords rapides en acier inoxydable pour l'industrie alimentaire*



Reference number  
ISO 2852:1993(E)

## Contents

|                                            | Page     |
|--------------------------------------------|----------|
| <b>1</b> Scope .....                       | <b>1</b> |
| <b>2</b> Normative references .....        | <b>1</b> |
| <b>3</b> Definitions .....                 | <b>1</b> |
| <b>4</b> Symbols .....                     | <b>1</b> |
| <b>5</b> Dimensions and tolerances .....   | <b>2</b> |
| <b>5.1</b> Expanded-type clamp liner ..... | <b>2</b> |
| <b>5.2</b> Welded-type clamp liner .....   | <b>2</b> |
| <b>5.3</b> Gasket .....                    | <b>2</b> |
| <b>6</b> Assembling .....                  | <b>2</b> |
| <b>6.1</b> Welding .....                   | <b>2</b> |
| <b>6.2</b> Expansion .....                 | <b>2</b> |
| <b>7</b> Hygienic requirements .....       | <b>2</b> |
| <b>8</b> Surface roughness .....           | <b>2</b> |
| <b>9</b> Materials .....                   | <b>2</b> |
| <b>9.1</b> Clamp liners .....              | <b>2</b> |
| <b>9.2</b> Gaskets .....                   | <b>2</b> |

## Annexes

|                                                              |           |
|--------------------------------------------------------------|-----------|
| <b>A</b> Cross-section of clamp pipe coupling assembly ..... | <b>6</b>  |
| <b>B</b> Grooving for expanded-type clamp liners .....       | <b>7</b>  |
| <b>C</b> Lock rings for expanded-type clamp liners .....     | <b>9</b>  |
| <b>D</b> Method of expansion with straight pipe .....        | <b>10</b> |
| <b>E</b> Bibliography .....                                  | <b>12</b> |

© ISO 1993

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization

Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland