

Flanges and their joints — Dimensions of gaskets for PN-designated flanges —

Part 6: Covered serrated metal gaskets for use with steel flanges

The European Standard EN 1514-6:2003 has the status of a
British Standard

ICS 23.040.80

National foreword

This British Standard is the official English language version of EN 1514-6:2003.

The UK participation in its preparation was entrusted to Technical Committee PSE/2, Jointing materials and compounds, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

This British Standard, was published under the authority of the Standards Policy and Strategy Committee on 22 December 2003

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 13 and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

Amendments issued since publication

Amd. No.	Date	Comments

© BSI 22 December 2003

ISBN 0 580 43134 7

English version

Flanges and their joints - Dimensions of gaskets for PN-designated flanges - Part 6: Covered serrated metal gaskets for use with steel flanges

Brides et leurs assemblages - Dimensions des joints pour les brides désignées PN - Partie 6: Joints métalliques striés revêtus pour utilisation avec des brides en acier

Flansche und ihre Verbindungen - Maße für Dichtungen für Flansche mit PN-Bezeichnung - Teil 6: Kammprofildichtungen für Stahlflansche

This European Standard was approved by CEN on 3 November 2003.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 Designations.....	5
4.1 Range of PN designations	5
4.2 Range of DN (nominal sizes)	5
4.3 Gasket types.....	5
4.4 Information to be supplied by the purchaser.....	5
5 Constructional details	5
5.1 General details	5
5.2 Core	6
5.2.1 Core materials	6
5.2.2 Core welding.....	6
5.2.3 Dressing of core welds.....	6
5.2.4 Core flatness	6
5.3 Serrations	6
5.4 Location rings	6
5.4.1 Integral ring	6
5.4.2 Loose ring	6
5.5 Facing materials.....	6
5.6 Facing weight per unit area	7
5.7 Attachment of facing	7
5.7.1 Methods of attachment.....	7
5.7.2 De-greasing of core	7
5.7.3 Number of joins.....	7
5.7.4 Excessive facing	7
5.8 Integrity of facing attachment.....	7
5.9 Typical construction details	8
6 Dimensions.....	10
7 Marking	11
8 Colour coding.....	11
9 Packaging	11
Annex A (informative) Information to be supplied by the purchaser	13

Foreword

This document (EN 1514-6:2003) has been prepared by Technical Committee CEN/TC 74 "Flanges and their joints", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2004, and conflicting national standards shall be withdrawn at the latest by June 2004.

The annex A is informative and contains "Information to be supplied by the purchaser".

EN 1514 consists of 6 parts:

- Part 1: Non-metallic flat gaskets with or without inserts*
- Part 2: Spiral wound gaskets for use with steel flanges*
- Part 3: Non-metallic PTFE envelope gaskets*
- Part 4: Corrugated, flat or grooved metallic and filled metallic gaskets for use with steel flanges*
- Part 6: Covered serrated metal gaskets for use with steel flanges*
- Part 7: Covered metal jacketed gaskets for use with steel flanges*
- Part 8: Polymeric O-Ring gaskets for grooved flanges*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.