

SPECIFICATION FOR  
PETERS'  
AURAL SPECULA

**B.S. 3259 : 1960**

THIS BRITISH STANDARD, having been approved by the Surgical Instruments and Medical Appliances Industry Standards Committee and endorsed by the Chairman of the Chemical Divisional Council, was published under the authority of the General Council on 28th July, 1960.

The Institution desires to call attention to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 3000, indexed and cross-indexed for reference, together with an abstract of each standard, will be found in the Institution's Yearbook, price 15s.

*British Standards are revised, when necessary, by the issue either of amendment slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or editions.*

The following B.S.I. references relate to the work on this standard:  
Committee reference SGC/5                      Draft for comment A(SGC) 5415

## CO-OPERATING ORGANIZATIONS

The Surgical Instruments and Medical Appliances Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and professional and industrial organizations:

- \*Admiralty
- \*Air Ministry
- \*Association of Hospital Matrons
- British Dental Association
- British Medical Association
- British Paediatric Association
- \*British Surgical Trades Association, Inc.
- Federation of British Rubber & Allied Manufacturers
- \*Institute of British Surgical Technicians
- Medical Defence Union
- Medical and Dental Defence Union of Scotland
- Medical Protection Society
- Ministry of Agriculture, Fisheries and Food
- \*Ministry of Health
- Queen's Institute of District Nursing
- Royal College of Midwives
- Royal College of Nursing
- \*Royal College of Obstetricians and Gynaecologists
- \*Royal College of Physicians of London
- \*Royal College of Surgeons of Edinburgh
- \*Royal College of Surgeons of England
- Royal College of Veterinary Surgeons
- Royal Faculty of Physicians and Surgeons of Glasgow
- \*War Office

The Government departments and professional 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:

British Association of Otolaryngologists  
National Federation of Hospital Officers

# BRITISH STANDARD SPECIFICATION FOR PETERS' AURAL SPECULA

## FOREWORD

This British Standard was prepared under the authority of the Surgical Instruments and Medical Appliances Industry Standards Committee of the British Standards Institution.

The purpose of this specification is primarily to ensure interchangeability of Peters' aural specula for fitting on to the mount of the body of the instrument and to provide a uniform size designation. The power of the lens has been specified, but otherwise materials and general details of design have been left to the choice of the manufacturer.

NOTE. Where metric equivalents are stated, the figures in British units are to be regarded as the standard. The conversions are approximate. More accurate conversions should be based on the tables in B.S. 350, 'Conversion factors and tables', or in B.S. 2856, 'Precise conversion of inch and metric sizes on engineering drawings'.

## SPECIFICATION

### SCOPE

1. This British Standard specifies requirements for Peters' aural specula in relation to the size of the conical joint for fitting the speculum to the mount, a size range of specula and essential features relating to the lens.

### CONICAL FITTING OF THE MOUNT AND THE SPECULUM

2. The basic dimensions of the conical fitting of the mount and the speculum illustrated in Fig. 1 shall be as follows:

Major diameter 0.737 in (18.7 mm).

Minor diameter 0.716 in (18.2 mm).

Axial length 0.281 in (7.14 mm).

The angle of the axis of the mount to the axis of the body of the speculum shall be 18°.

### SIZE RANGE FOR THE SPECULA

3. The size range shall consist of five sizes as given in Table 1.