International Standard 7756

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION•МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ•ORGANISATION INTERNATIONALE DE NORMALISATION

Wrought copper and copper alloys — Drawn round bars — Symmetric plus and minus tolerances on diameter and form tolerances

Cuivre et alliages de cuivre corroyés — Barres étirées de section circulaire — Tolérances en plus et en moins symétriques sur diamètres et tolérances de forme

First edition — 1984-12-01

UDC 669.3-422.1 : 669-124 **Ref. No. ISO 7756-1984 (E)**

Descriptors : copper, copper alloys, drawn products, metal bars, round bars, dimensions, dimensional tolerances, form tolerances.

Price based on 3 pages

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 7756 was prepared by Technical Committee ISO/TC 26, *Copper and copper alloys.*

Printed in Switzerland

Wrought copper and copper alloys — Drawn round bars — Symmetric plus and minus tolerances on diameter and form tolerances

1 Scope and field of application

This International Standard specifies the symmetric plus and minus tolerances on diameter in the range from 2 up to and including 80 mm and the form tolerances for wrought copper and copper alloy drawn round bars.

2 Reference

ISO 1637, *Wrought copper and copper alloys — Solid products supplied in straight lengths — Mechanical properties.*[1)]

3 Definition

For the purpose of this International Standard, the following definition applies.

circularity: The difference between the maximum and minimum diameters measured on one cross-section.

4 Dimensions and tolerances

4.1 Diameter

Table 1 — Tolerances on diameter

Values in millimetres

Diameter		Tolerance	
>	⩽	Material group I	Material groups II and III
⩾ 2	3	± 0,03	± 0,05
3	6	± 0,04	± 0,05
6	10	± 0,04	± 0,05
10	18	± 0,05	± 0,06
18	30	± 0,05	± 0,08
30	50	± 0,06	± 0,10
50	80	± 0,15	± 0,20

4.2 Circularity

The deviation from circularity shall not exceed half the tolerance on diameter specified in table 1.

1) Under revision.