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British Standard Methods for Performance tests for rotary and percussive pneumatic tools

Méthodes d'essai de fonctionnement des outils pneumatiques rotatifs et percutants

Leistungsprüfungen für drehende und schlagende Druckluftwerkzeuge

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National foreword

This revision of BS 5344, which has been prepared under the direction of the Mechanical Engineering Standards Committee, supersedes BS 5344 : 1976 which is withdrawn. It is identical with ISO 2787—1984, 'Rotary and percussive pneumatic tools — Performance tests' which was prepared by Technical Committee ISO/TC29, Small tools, of the International Organization for Standardization (ISO) and in the development of which the United Kingdom played an active part.

The title of BS 5344 now refers to performance tests to reflect the corresponding change in the title of the second edition of ISO 2787.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker for metric dimensions. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'British Standard'.

Cross-references

International standard	Corresponding British Standard
ISO 31	BS 5775 Specification for quantities, units and symbols (Identical)
ISO 1000-1981	BS 5555 : 1981 Specification for SI units and recommendations for the use of their multiples and of certain other units (Identical)
ISO 1180-1983*	BS 673 : 1984 Specification for shanks for pneumatic tools and fitting dimensions of chuck bushings (Identical)
ISO 3857/1-1977	BS 5791 Glossary of terms for compressors, flow in pneumatic tools and machines Part 1 : 1979 General (Identical)
ISO 3857/3-1979	Part 3 : 1984 Pneumatic tools and machines (Identical)
ISO 5167-1980	BS 1042 Methods of measurement of fluid closed conduits Part 1 : Section 1.1 : 1981 Orifice plates, nozzles and Venturi tubes inserted in circular cross-section conduits running full (Technically equivalent)
ISO 5393-1981	BS 6292 : 1982 Method for evaluation of performance of rotary pneumatic assembly tools for threaded fasteners (Identical)
ISO 6544-1981	BS 6268 : 1982 Method of measurement for reaction torque and torque impulse from hand-held pneumatic assembly tools for installing threaded fasteners (Identical)

The Technical Committee has reviewed the provisions of ISO 2944, to which reference is made in the text, and has decided it is acceptable for use in conjunction with this standard.

There is no corresponding British Standard for ISO 5391 which is at draft stage.

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

*Footnote 1) on page 1 is invalid as the revision of ISO/R 1180 was published in 1983.