

Hardmetal insert tooling —

Part 11: Specification for dimensions of face milling cutters with indexable inserts

[ISO title: Face milling cutters with indexable inserts —
Dimensions]

UDC 621.9.025.7-182.8

Committees responsible for this British Standard

This British Standard was published under the direction of the Mechanical Engineering Standards Committee MEE/-. Its preparation was entrusted to Technical Committee MEE/150 upon which the following bodies were represented:

- British Hardmetal Association
- British Railways Board
- Institution of Production Engineers
- Machine Tool Industry Research Association
- Coopted member

This British Standard, having been prepared under the direction of the Mechanical Engineering Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 June 1983

© BSI 10-1999

The following BSI references relate to the work on this standard:
Committee reference MEE/150
Draft for comment 81/71168 DC

ISBN 0 580 13341 9

Amendments issued since publication

Amd. No.	Date of issue	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
1 Scope and field of application	1
2 References	1
3 Style	1
4 Definitions	1
5 Dimensions	1
Publications referred to	Inside back cover

National foreword

This Part of this British Standard has been prepared under the direction of the Mechanical Engineering Standards Committee and forms part of a series, each Part dealing with an aspect of hardmetal insert tooling. The series implements corresponding International Standards in the development of which the UK has played an active part. The following Parts have been published so far, and further Parts will be issued as related international work proceeds.

- *Part 1: Specification for the designation of indexable (throwaway) hardmetal inserts for cutting tools;*
- *Part 2: Specification for dimensions for indexable (throwaway) hardmetal inserts without fixing hole;*
- *Part 3: Specification for dimensions for indexable (throwaway) hardmetal inserts with cylindrical fixing hole;*
- *Part 4: Specification for dimensions for indexable (throwaway) hardmetal square inserts for milling cutters;*
- *Part 5: Specification for dimensions for indexable (throwaway) hardmetal triangular inserts for milling cutters;*
- *Part 6: Specification for the designation of turning and copying tool holders and cartridges for indexable (throwaway) inserts;*
- *Part 7: Specification for dimensions for single point turning and copying tool holders for indexable (throwaway) inserts;*
- *Part 8: Specification for dimensions for type A cartridges for indexable (throwaway) inserts;*
- *Part 9: Specification for end mills with indexable inserts and flatted parallel shank;*
- *Part 10: Specification for end mills with indexable inserts and Morse taper shank.*

This Part of BS 4193 is identical with ISO 6462 “*Face milling cutters with indexable inserts — Dimensions*” which was prepared by Technical Committee ISO/TC 29, Small tools, and published in 1983 by the International Organization for Standardization (ISO).

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. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Where the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-references

International Standard	Corresponding British Standard
ISO 240	BS 122 <i>Specification for milling cutters</i> Part 3:1980 <i>Milling cutters except screwed shank cutters</i> (Technically equivalent)
ISO 2780	
ISO 2940	
ISO 523:1974	BS 122: <i>Specification for milling cutters</i> Part 1:1953 <i>Milling cutters</i> (Technically equivalent)
ISO 3365-1:1977	BS 4193 <i>Hardmetal insert tooling</i> Part 4:1980 <i>Specification for dimensions for indexable (throwaway) hardmetal square inserts for milling cutters</i> (Technically equivalent)

International Standard	Corresponding British Standard
ISO 3365-2:1980	BS 4193 <i>Hardmetal insert tooling</i> Part 5:1982 <i>Specification for dimensions for indexable (throwaway) hardmetal triangular inserts for milling cutters</i> (Identical)

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.