



**NSAI**  
Standards

Irish Standard  
I.S. EN ISO 16090-1:2018

# Machine tools safety - Machining centres, Milling machines, Transfer machines - Part 1: Safety requirements (ISO 16090-1:2017)

## I.S. EN ISO 16090-1:2018

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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## National Foreword

I.S. EN ISO 16090-1:2018 is the adopted Irish version of the European Document EN ISO 16090-1:2018, Machine tools safety - Machining centres, Milling machines, Transfer machines - Part 1: Safety requirements (ISO 16090-1:2017)

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EUROPEAN STANDARD

**EN ISO 16090-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 12417:2001+A2:2009,  
EN 13128:2001+A2:2009, EN 14070:2003+A1:2009

English Version

**Machine tools safety - Machining centres, Milling  
machines, Transfer machines - Part 1: Safety requirements  
(ISO 16090-1:2017)**

Sécurité des machines-outils - Centres d'usinage,  
fraiseuses, machines transfert - Partie 1: Exigences de  
sécurité (ISO 16090-1:2017)

Werkzeugmaschinen Sicherheit - Bearbeitungszentren,  
Fräsmaschinen, Transfermaschinen - Teil 1:  
Sicherheitsanforderungen (ISO 16090-1:2017)

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**EN ISO 16090-1:2018 (E)**

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