

# Mastercam X<sup>4</sup>

## QUICK REFERENCE CARD

Icon	Function	Keyboard Shortcut	Icon	Function	Keyboard Shortcut
	Analyze entities	F4		Mastercam version, SIM serial number	Alt+V
	AutoSave	Alt+A		Motion controller rotation point	Alt+F12
	C-Hook or user app	Alt+C		Pan	Arrow keys
	Configure Mastercam	Alt+F8		Paste from clipboard	Ctrl+V
	Copy to clipboard	Ctrl+C		Previous view	Alt+P
	Cut to clipboard	Ctrl+X		Redo an event that has been undone	Ctrl+Y
	Delete	F5		Regenerate screen	Shift+Ctrl+R
	Drafting global options	Alt+D		Repaint	F3
	Exit Mastercam	Alt+F4		Rotate	Alt+Arrow keys
	Fit geometry to screen	Alt+F1		Select all	Ctrl+A
	Gview-Back	Alt+3		Selection grid options	Alt+G
	Gview-Bottom	Alt+4		Shading on/off	Alt+S
	Gview-Front	Alt+2		Show/hide all axes (WCS, Cplane, Tplane)	Alt+F9
	Gview-Isometric	Alt+7		Show/hide coordinate axes	F9
	Gview-Left	Alt+6		Show/hide displayed toolpaths	Alt+T
	Gview-Previous	Alt+P		Show/hide Operations Manager pane	Alt+O
	Gview-Right	Alt+5		Undo the last creation or event	Alt+U, Ctrl+U, Ctrl+Z
	Gview-Top	Alt+1		Unzoom to 80% of original	Alt+F2
	Help	Alt+H		Unzoom to previous or 50% of original	F2
	Hide entities	Alt+E		Zoom around target point	Ctrl+F1
	Level Manager	Alt+Z		Zoom with window selection	F1
	Main attributes, set from entity	Alt+X		Zoom/unzoom by 5%	Page Up, Page Down

### Customizing Mastercam

#### ► Create your own keyboard shortcuts.

Choose **Settings > Key mapping**.

- Save sets of shortcuts to different key map files (.KMP).
- Open .KMP files in any text editor.

#### ► Change toolbar layouts.

Choose **Settings > Customize**.

- Name sets of toolbars and save them to different toolbar files (.MTB).
- Choose **Toolbar States** to hide or display toolbars.

#### ► Customize the right-click menu.

Choose **Settings > Customize > Dropdowns/Right mouse button** to add your own functions (.MTB file).

#### ► Use drop-down menus.

Choose **Settings > Customize > Dropdowns** tab to add drop-down menus to toolbars.



# Mastercam X Quick Reference Guide

**Mariana Lendel**



## **Mastercam X Quick Reference Guide:**

Mastering Mastercam X Mill Step by Step in 2D: A Practical Guide Pasquale De Marco, 2025-07-23 Mastering Mastercam X Mill Step by Step in 2D is a comprehensive guide to using one of the most popular software programs for computer aided manufacturing CAM This step by step guide provides a comprehensive introduction to Mastercam X Mill covering the basics of the software as well as advanced techniques With its user friendly design and straightforward explanations Mastering Mastercam X Mill Step by Step in 2D is suitable for both beginners and experienced users The book begins with an overview of the Mastercam X Mill interface and basic milling operations gradually progressing to more advanced topics such as complex geometries tool management and CNC programming Throughout the book clear and concise instructions are accompanied by detailed illustrations and screenshots making it easy for readers to follow along and master the software More than just a collection of technical instructions Mastering Mastercam X Mill Step by Step in 2D also provides valuable insights into best practices for efficient and productive milling operations The book covers topics such as optimizing tool life achieving high quality surface finishes and maximizing machine utilization helping readers to get the most out of their Mastercam X Mill software and their CNC machines Whether you are a hobbyist looking to learn the basics of CAM or a professional machinist looking to expand your skills Mastering Mastercam X Mill Step by Step in 2D is the perfect resource With its clear and practical approach this book will help you to master Mastercam X Mill and take your milling operations to the next level In addition to providing a comprehensive guide to Mastercam X Mill the book also includes a chapter on maintenance and troubleshooting This chapter covers topics such as performing regular maintenance tasks troubleshooting common machine problems and troubleshooting software and CNC program errors By following the advice in this chapter readers can help to keep their CNC machines running smoothly and avoid costly downtime Mastering Mastercam X Mill Step by Step in 2D is a valuable resource for anyone who wants to learn more about this powerful software program With its clear and concise instructions detailed illustrations and practical advice this book will help you to master Mastercam X Mill and take your milling operations to the next level If you like this book write a review *Mastercam Instructor Guide X2* Mariana Lendel, 2006 **Mastercam X5 Training Guide - Lathe**, 2010 **Secrets of 5-axis Machining** Karlo Apro, 2008 This book explains 5 axis machining in simple terms most people in the field will appreciate and quickly understand The colorful graphics are nothing short of amazing and generously sprinkled throughout the book with incredible detail Dozens of machining applications are illustrated and explained while taking much of the fear out of driving these complex machine tools Anyone associated with 5 axis machine tools has much to gain by reading this book Mark Summers President CNC Software Inc this great book will allow operators NC programmers and anybody interested in multiaxis machining to learn and understand the reality of 5 axis machining The crystal clear wording and perfect overview make this book easy to read and simple to understand for everyone from beginner to expert Yavuz Murtezaoglu Managing Director ModuleWorks GmbH

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