TOYODA

BRIDGE VMC

VERTICAL MACHINING CENTER

Basic Bridge Mill Training Class
For Toyoda Customers

2019 SCHEDULE DATES

Course Code: BRIDGE2019-1

April 15 - 19

Course Code: BRIDGE2019-2

November 18 - 22

For additional questions, call (800) 257-2985 or email training@toyoda.com

JTEKT Toyoda Americas Corporation | 316 W. University Drive | Arlington Heights. IL 60004
Corporate Phone: (847) 253-0340 I Service & Technical Support Phone: 1-800-257-2985
Stay connected at www.toyoda.com

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BRIDGE MACHINING CENTER

2019 Bridge Mill Training Class
For Toyoda Customers
April 15 - 19 | November 18 - 22

Click Here To Register

Basic Bridge Mill Training Outline

Who:	Authorized Toyoda Vertical Machining Center Distributors
What:	Bridge Mill Maintenance Training Class
Where:	JTEKT TOYODA AMERICAS CORPORATION 316 W. University Drive Arlington Heights, IL 60004
When:	Monday through Friday To accommodate for travel, class times will be as followed: Monday: 1 p.m. to 4:30 p.m. Tuesday, Wednesday, & Thursday: 8:30 a.m. to 4:30 p.m. Friday: 8:30 a.m. to noon
Class Size:	Maximum of six (6) students. Additional requests will be encouraged to attend a subsequent training session.
Cost:	This class is free of charge. Distributors are responsible for all applicable travel and living expenses. Note: Toyoda has discounted rates at local hotels.

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Basic Bridge Mill Training Outline

Monday

Introductions and Tour
- Training course overview
- Toyoda Support department overview
- Meet service staff and parts department
- Facility tour

Product Line
- Product line information
- Powerpoint presentation
- Training USB overview (additions to the product)
- Point of contact
- Dealer responsibilities

Tuesday

Installation Training Bridge Mill
- Machine component installation (classroom)
- Rigging equipment
- Installation troubleshooting awareness
- Pre-installation requirements

Foundation
- Specifications (classroom)
- Leveling and anchors

Geometric Alignment
- Geometry checks (classroom)
- Bridge squareness

Device Installation and Testing
- Start-up faults and checks
- Z-axis home position
- Spindle chiller
- Coolant system
- Hydraulic System

Magazine and Vertical ATC Alignment
- I/O bypass
- Leveling
- ATC squareness
- Magazine controller function
- 2nd reference setting

Wednesday

M Spec Installation
- Drawings and procedures (classroom and tech center)
- Initial set-up and rigging
- Macros and M codes
- Operation
- Home position setting
- Geometry checks

Magazine and Horizontal ATC Alignment
- Magazine function (classroom and tech center)
- Tool table function
- Orientation checking
- I/O bypass
- 4th reference setting

M Spec Troubleshooting
- M code operation
- Manual functions
- Keep relays and data tables
- Home resetting
- Orientation troubleshooting

Thursday

Bridge Mill M Spec Overview
- Design
- Overview of M spec functions (tech center)
- Operations and programming

M Spec Spindle Removal
- Tools
- Machine bypass
- Procedures and drawings

Designs and Procedures
- Drawbar designs
- Unclamp cylinder
- Encoders and scales
- Rotary union brackets

Spindle Overview
- Spindle drawings
- Spindle room visit
- Spindle inspection reports
- Spindle geometry checks

Bridge Mill Overview
- Question and Answer
- Customer open issues

Friday

Warranty Parts Request
- Forms
- Contacts
- Procedures

Bridge Mill Certification Presentation
- Question and Answer

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