

This sheet is used to examine if XEBEC Path can be generated for your application and to determine an optimal Cutter size.

[Path generation restrictions]

- *3-axis simultaneous control is required.
- *Contact us for the following cases.
- The Cutter is inserted from Y-axis direction.
- The Cutter is inserted from X-axis and Y-axis is controlled by a diameter mode.
- *Path may not be generated for certain hole combinations.

[Caution]

Make sure to enter the accurate values. If incorrect values are provided, the incorrect Path will be generated, which may cause damage to the workpiece, the Cutter, and the equipment. XEBEC Technology is not responsible for any damage caused by an incorrect value. There is a possibility that secondary burrs may occur depending on the condition of the cross hole edged and the workpiece material.

1. User information and Path usage conditions

Company name : _____ Dept. name : _____ Name : _____

TEL : _____ E-mail : _____ Country : _____ Signature: _____

▼ Check the both boxes below to consent the conditions. The order will not be placed unless you check both of them.

- I agree that XEBEC TECHNOLOGY grants us permission to use XEBEC Path for Back Burr Cutter and agree not to transfer or distribute the data to parties outside the company. I take it upon ourselves to manage the data appropriately, ensuring it is not used for purposes or subjects other than the intended ones, excluding possible temporary use outside for testing and during the startup period.
- I agree not to use any tool other than XEBEC Back Burr Cutter when using XEBEC Path.

2. Type of combined lathe *For MC, fill out the sheet for MC

XZY-axis *Path is generated in UVW. XZC-axis *Polar coordinate interpolation is required. *Path is generated in UHW.

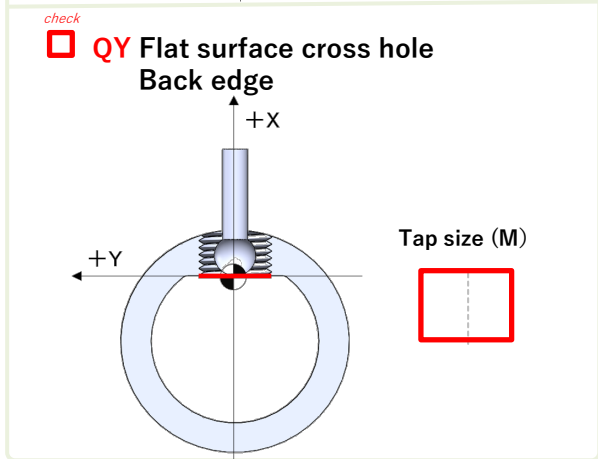
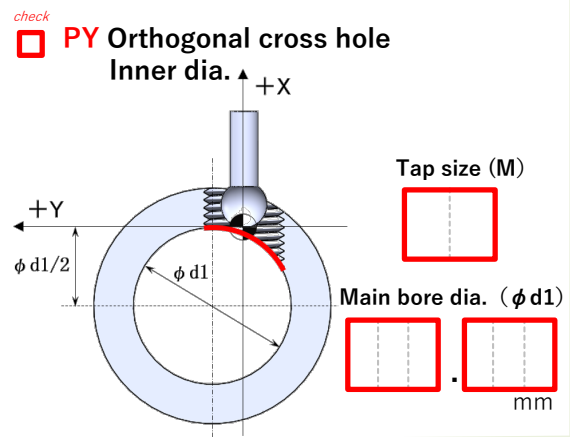
3. Controlling mode *Contact us if Y-axis is controlled by a diameter mode (e.g. automatic lathe)

Diameter mode Radius mode

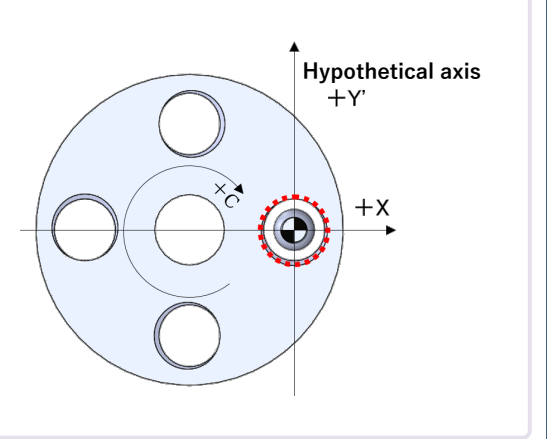
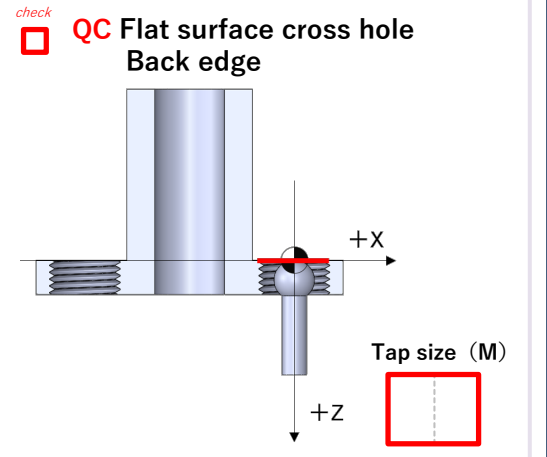
4. Hole type and dimensions *If ordering more than 2 Paths, fill out 1 sheet each.

- Metric tap size**
- M3
 - M4
 - M5
 - M6
 - M8
 - M10
 - M12
 - M16
 - M18
 - M20
 - M22
 - M24

XZY-axis combined Lathe
*Cutter is inserted from X-axis direction.



XZC-axis combined Lathe
*Cutter is inserted from Z-axis direction.



*Check either "+" or "-" sign box.
*Enter up to the 3rd decimal place.

5. Amount of shift (e)

Fill out if you selected the type **PY** or **QY** in the section 4.
Contact us if the machine is XZC-axis and the cross hole is off-centered.

When the Cutter insertion hole is:

On-center to the central axis of the cross hole, check the box on the right.

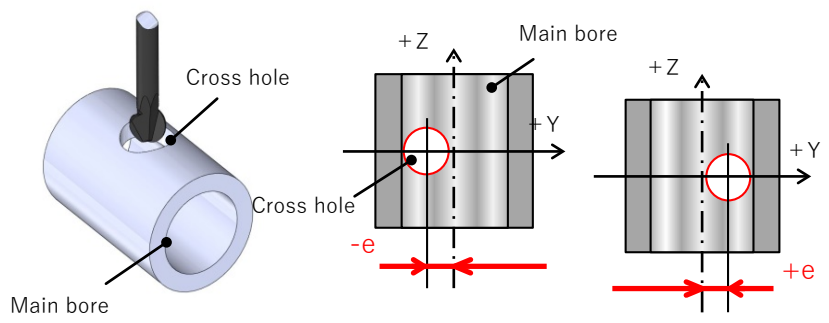
^{check} On-center

Off-center to the central axis of the cross hole,
enter the amount of the shift of the Cutter insertion hole.
Check either "+" or "-" sign box.

Amount of shift (e)

^{check} + mm

^{check} - mm



Amount of shift

When the cross hole is

On-center to the main bore : e=0mm

Off-center to the left of the main bore : e=-□mm

The number of Paths

of

*This sheet consists of two pages. Fill out the number of Paths. Enter 1 of 1 if you are ordering one Path.