

This sheet is to confirm the dimensions of deburring area. Feasibility of the Path generation will be determined based on the information below and notified to a customer with an optimal Cutter size.

1. Confirmation of Path Usage Conditions

The both boxes must be checked.

I agree that XEBEC Technology has granted the authority to use the XEBEC Path for Back Burr Cutter and that I will not hand over or distribute this data outside the company.

I agree to not use any tools besides the XEBEC Back Burr Cutter when using the XEBEC Path.

2. Customer Information

Company Name : _____ Dept. _____ Print Name: _____

Phone: _____ E-mail : _____ Signature : _____

3. Machining Equipment

* If using machining center, please fill out the sheet for machining center.

Select a machining equipment.

Combined Lathe (XZY)

* Coordinates are generated in UVW.

Combined Lathe (XZC)

* **Polar coordinate interpolation** required.
* Coordinates are generated in UHW.

4. Controlling Mode

Select a controlling mode of the X-axis.

Diameter mode

Radius mode

5. Edge Type

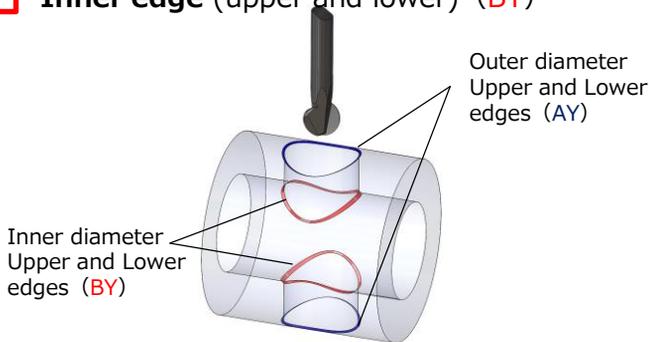
* Please fill out 1 sheet for 1 path.

Select an edge type to be deburred.

Combined Lathe (XZY)

Outer edge (upper and lower) (AY)

Inner edge (upper and lower) (BY)

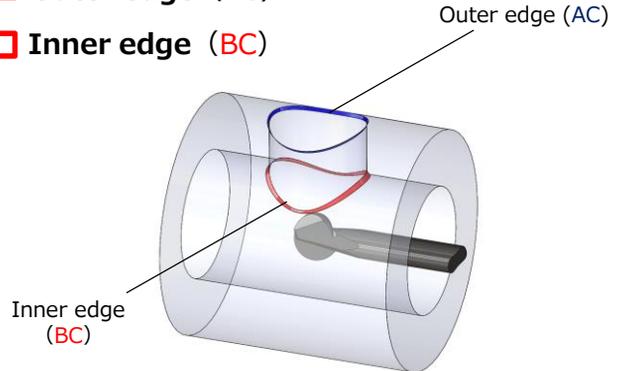


* The Cutter is inserted in the **x-axis** direction.

Combined Lathe (XZC)

Outer edge (AC)

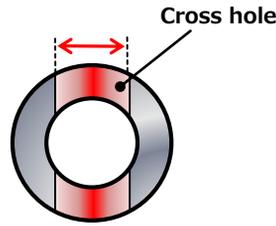
Inner edge (BC)



* The Cutter is inserted in the **z-axis** direction.
* Rotate the C-axis if the hole is same shape but the phase is different.

6. Diameter of the cross hole

Enter the diameter of the cross hole.



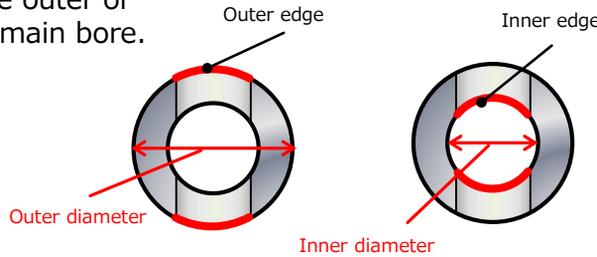
Diameter of the cross hole ($\Phi d2$)

. mm

* Enter an aimed value.
* Enter up to the 3rd decimal.

7. Edges to be deburred

Enter the diameter of the outer or internal diameter of the main bore.



Diameter of the Outer dia. ($\Phi D1$) or Inner dia. ($\Phi d1$)

. mm

* Enter an aimed value.
* Enter up to the 3rd decimal.

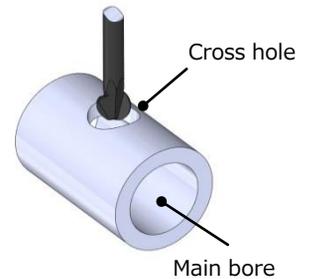
8. Amount of shift

* If using XZC-axis combined lathe, entry is not required.

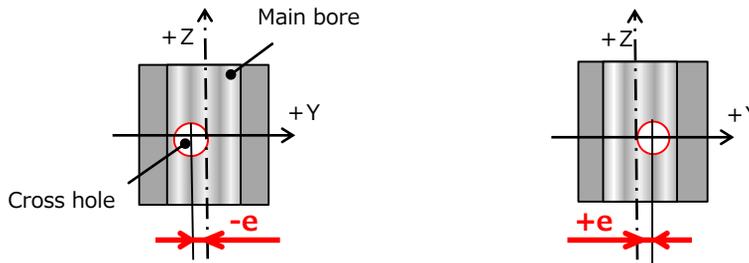
Fill out this section if you use XZY-axis combined lathe.

Is the cross hole on-center to the main bore?

Yes No



If you select **No** above, enter the amount of shift and direction of the cross hole to the central axis of the main bore.



Amount of shift (e)

+ . mm
 - . mm

* Check '+' or '-'.
* Enter up to the 3rd decimal.

<Amount of shift>

If the cross hole is
on-center to the main bore: e=0mm
off-center to the left of the main bore: e=-□mm
off-center to the right of the main bore: e=+□mm

No. of Paths

1 of

*This sheet consists of two pages. Please enter the total number of paths.

<Restrictions of path generation>

*There is a possibility a path cannot be generated for certain hole combinations.

*This is not applicable for a screw hole or material surface.

*3-axis simultaneous control is required.

<Caution>

Make sure to enter accurate values. The XEBEC Path for Back Burr Cutter is generated based on these values and if erroneous values are entered, an incorrect path will be generated which will **cause a workpiece, cutter or machine to break.** XEBEC Technology is not responsible for any damage caused in cases such as a case.

*Please contact us if the Cutter is inserted in Y-axis direction or Y-axis is in diameter mode when the Cutter is inserted in X-axis direction.