

# Joint (Blind hole)



## Workpiece information

Industry	General Machinery
Part name	Joint (Blind hole)
Material type	SUS
Cutting process	Drilling

## Processing conditions

Tool	XEBEC Stone Flexible Shaft (CH-PM-5R-C01)
Processing detail	Cross hole (Blind hole) deburring after drilling process
Spindle Speed (min <sup>-1</sup> )	5,000-8,000
Depth of cut (mm)	0.5

### Before

- Tool** Rotating tool with drill and rubber grind stone
- Problem** Unstable quality due to secondary burrs by drilling and rubber grindstone clogged.



### After

- Tool** XEBEC Stone Flexible Shaft Type (CH-PM-5R-C01)
- Result** No secondary burrs left. Stable and efficient deburring quality realized.



Hole deburring

## Tool > XEBEC Stone™ Flexible Shaft

Flexible shaft allows soft contact with a workpiece and suppresses subtle vibration when being processed.

Ideal for deburring the front and back of drilled holes both.

