

Do you have any of these problems in internal grinding?

☠ Insufficient grinding accuracy. Unstable



Insufficient finishing surface.



Center swelling

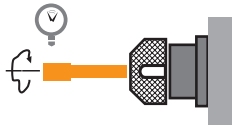


Tapered!



Center shriveling!

☠ It takes time for alignment



Adjustment is troublesome.

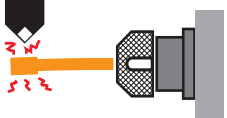
☠ Tightening is troublesome.



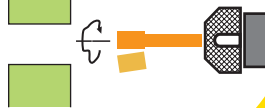
Unstable



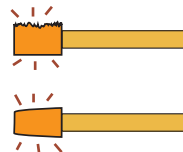
☠ Wheel vibrates at dressing.



☠ Run-out becomes bigger again after grinding.



☠ Short grinding wheel life.



☠ Insufficient grinding.

Deep hole grinding.



Deflect!

Small diameter grooving.

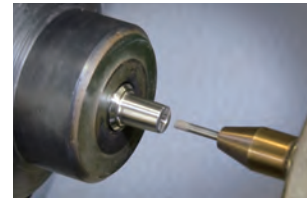


Run-out !

Shrink-fit **SLIMLINE** quill provides the **perfect** solution!

~ Shrink-fitting quill for electroplated grinding wheel with a carbide shank. ~

The grinding wheel chucking accuracy has a great impact for the processing accuracy (roundness, surface roughness, etc.). Using a shrink-fitting quill, you can further improve accuracy.



Carbide

Shrink-fitting quill

Anyone

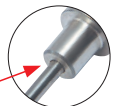


A simple chucking mechanism without any parts.

High accuracy

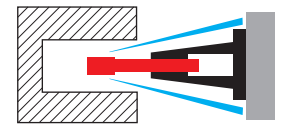
Strong gripping force

- ★ Slim nose design
- ★ Minimizing grinding wheel projection.
- ★ No gap at chucking area provides perfect sealing for sludge.



- ★ Chucking accuracy great improvement.
- ★ Machining accuracy improvement such as roundness, surface roughness etc.

- ★ 3 times gripping power compared with a collet chuck.
- ★ No parts becoming loose and uniform gripping power.
- ★ Integration of a grinding wheel spindle and quill.



Secure coolant supply to the cutting edge.

MST corporation

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