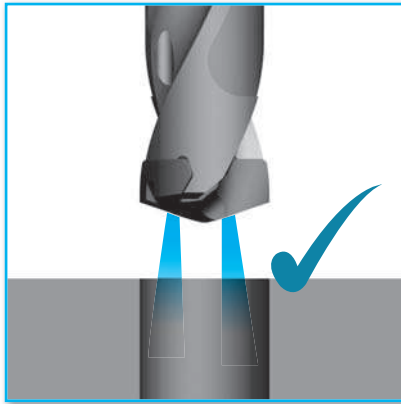
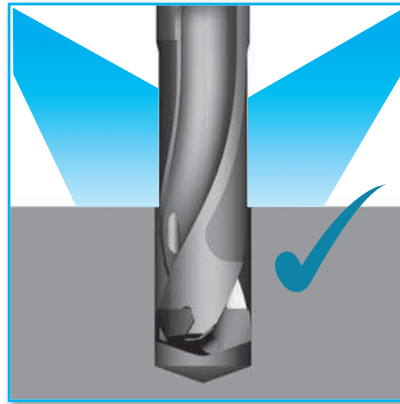


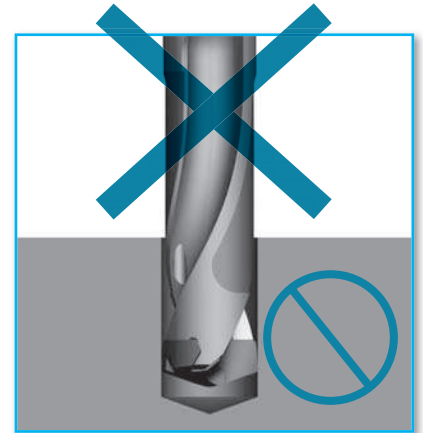
## Coolant



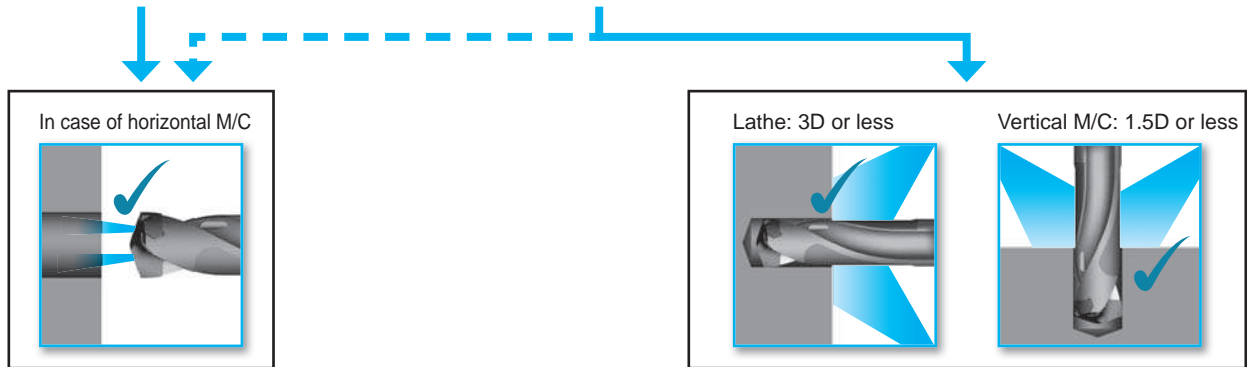
1) Internal coolant is recommended.



2) In case of external coolant



3) Dry cutting is not recommended.

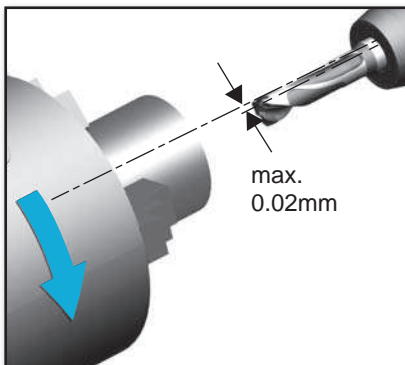


Internal coolant is recommended for horizontal machining center because external coolant may not sufficiently be applied to inside because the tool is revolving.

## Precautions for use

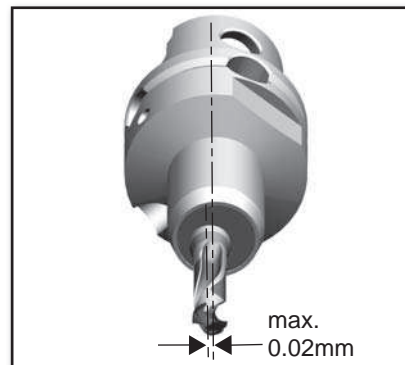
### Core Deviation

1) If drill is stationary



This is to be used with a boring sleeve (screw clamp) and colletchuck, please be sure to set deviation amount under 0.02mm between workpiece and drill.

2) If drill is rotating

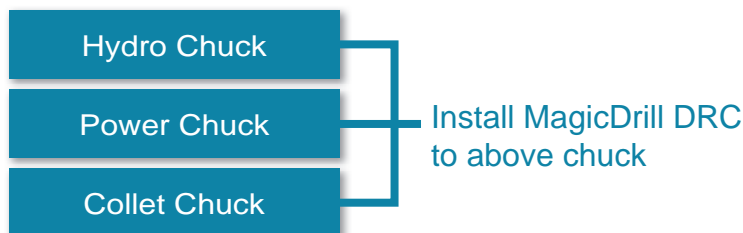


Make sure to use arbor that is not deformed. Center of arbor deviation must be within 0.02mm.

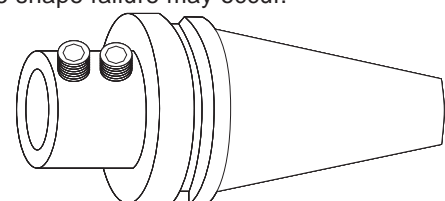
## Cautions for installation on Machining Center

For installation of DRC type MagicDrill, use Hydro Chuck, Power Chuck, Collet Chuck, etc.

For side lock arbor, tool life is shortened due to drilling center deviation. Hole shape failure may occur.



1st Recommendation



Example of side lock arbor  
2nd Recommendation