

NPN

New Product News



TOP MINI

Back Turning Holders and Inserts



KEY POINT

The TOPMINI line now includes the latest PVD coated inserts specifically suited to back turning and holders.

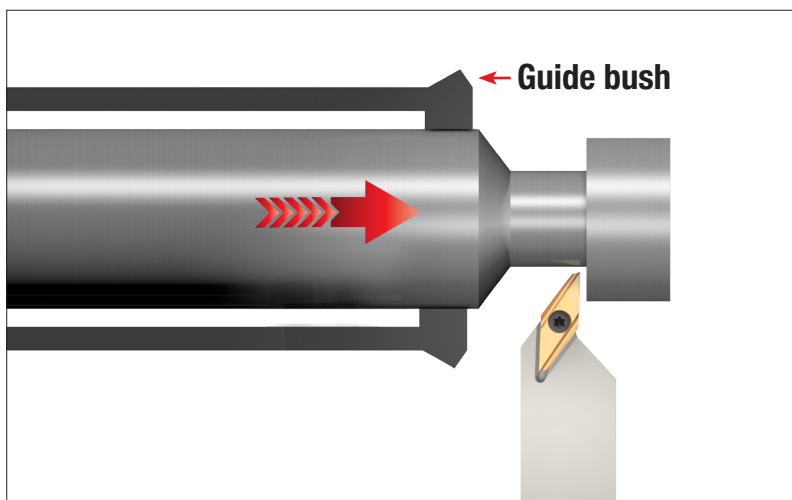
The inserts for the **TOPMINI** line's back turning holders are located away from the guide bush. Therefore, the machining operation for finishing can be performed without retracting the workpiece from the guide bush. Further, the specialized insert edge geometry enables excellent precision and surface roughness.

Back turning lines are a popular option for smaller size machining in industries ranging from automotive and medical to semiconductor manufacturing.

For further technical questions, please contact the product manager.

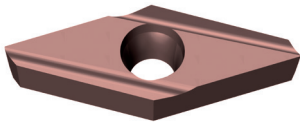
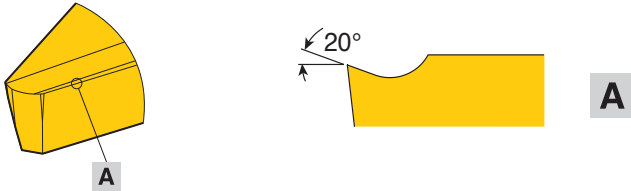
Holder features

- Back turning for general purpose machining
- Finish machining can be performed without retracting the workpiece from the guide bush
- Two holder types: General and COOL-BURST



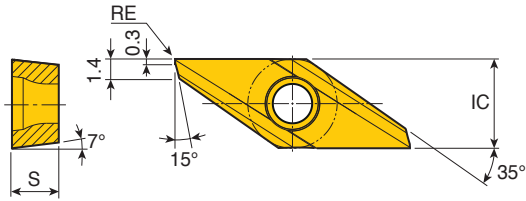
Insert features

- Excellent chip control due to the insert's sharp cutting edge and optimized chip groove shape
- Optimal grooving performance enabled by the deeper depth of cut capability
- Insert's wiper edge generates excellent surface roughness

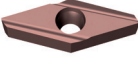
Chip breaker	Edge geometry
 <p data-bbox="355 817 392 846">R-F</p>	

BTVC

Positive 7° clearance 35° rhombic inserts



Size	Dimension (mm)		
	IC	S	RE
11	6.35	3.18	0-0.2

Insert	Designation	ap (mm)	Feed (mm/rev)	PVD coated			
				TT4410	TT4430		
	BTVC 110300R-F	0.03-3.5	0.01-0.12		●		
	110301MR-F	0.05-3.5	0.01-0.15		●		
	110302MR-F	0.1-3.5	0.01-0.15		●		

●: Standard items

