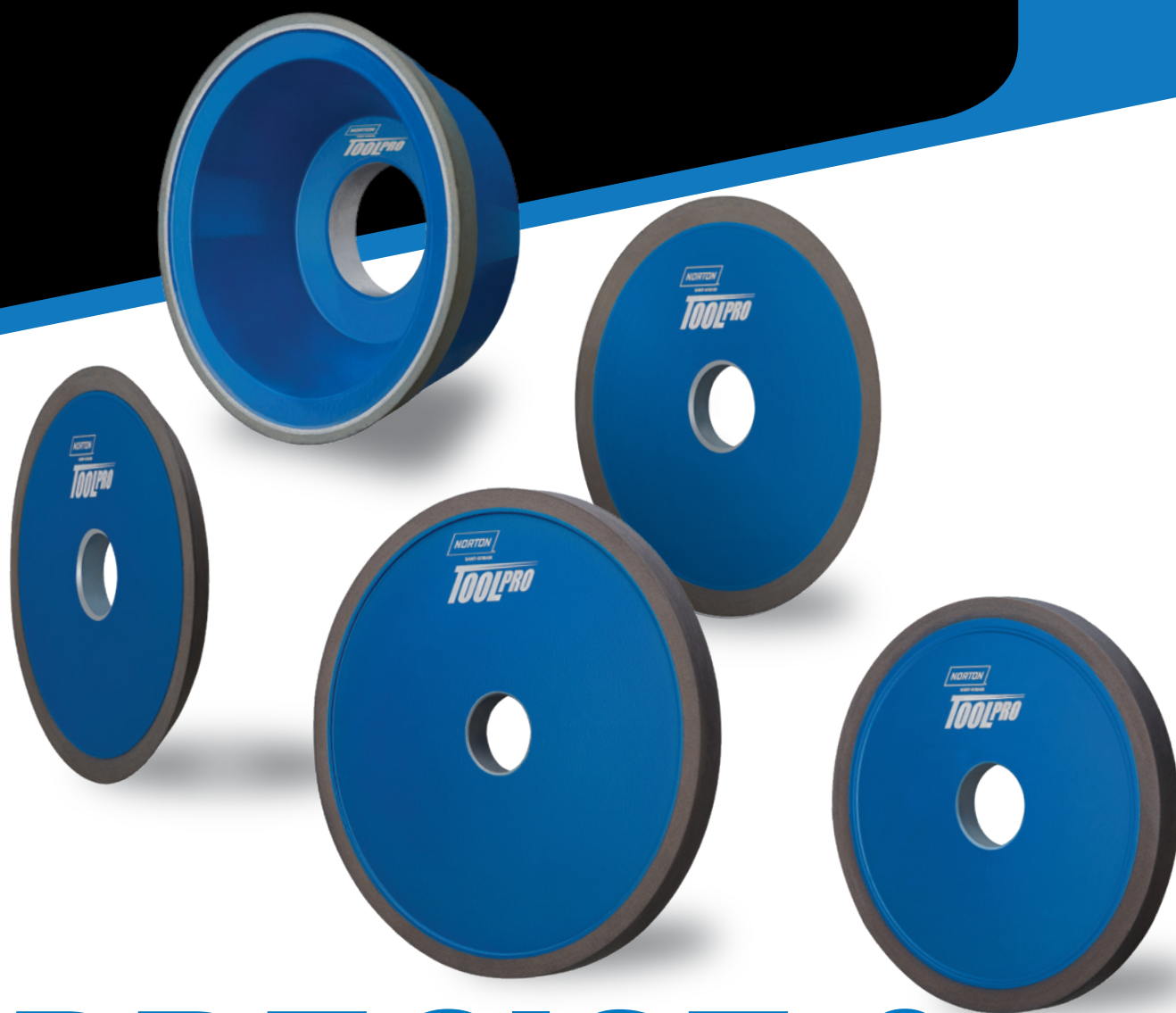


# DIAMOND WHEELS FOR ROUND TOOLS IN CNC APPLICATION



# PRECISE & POWERFUL.



*Norton introduces the ToolPro range of resin tool grinding.*

## APPLICATION FLUTING

Norton has developed a free grinding bond system for fluting. It performs with very low force, in turn helping user to reduce the cycle time with increased feedrates.

### FEATURES

- Free cutting resin bond formulated for oil coolants
- Performs at reduced grinding force
- Ideal for short-run manufacturing operations

### BENEFITS:

- Improved Cycle time
- Runs at prolonged dressing skip
- Imparts great part quality



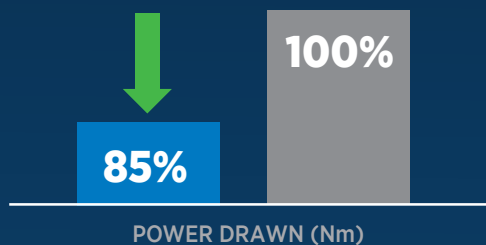
### CASE STUDY

Machine: Anca FX 5

Coolant: Neat oil

Wheel size: 1A1 100-8-5-20 D64 Tool Pro

Tool size: ø10mm



■ TOOLPRO ■ COMPETITION

*bond wheels for*

## APPLICATION

# GASHING, POINT & CLEARANCE GRINDING

Norton ToolPro's edge retaining ability helps maintain constant tool geometry with good part quality.

### FEATURES

- Sharp wheel form retention
- Suits well for re-sharpening applications
- Competitively priced while providing premium performance

### BENEFITS:

- ~25% lower wheel wear
- Stable grinding with low spindle load
- Very good surface and cutting edge quality

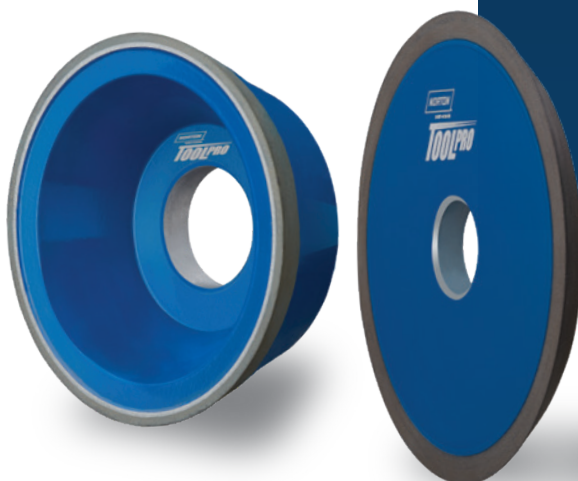
### CASE STUDY

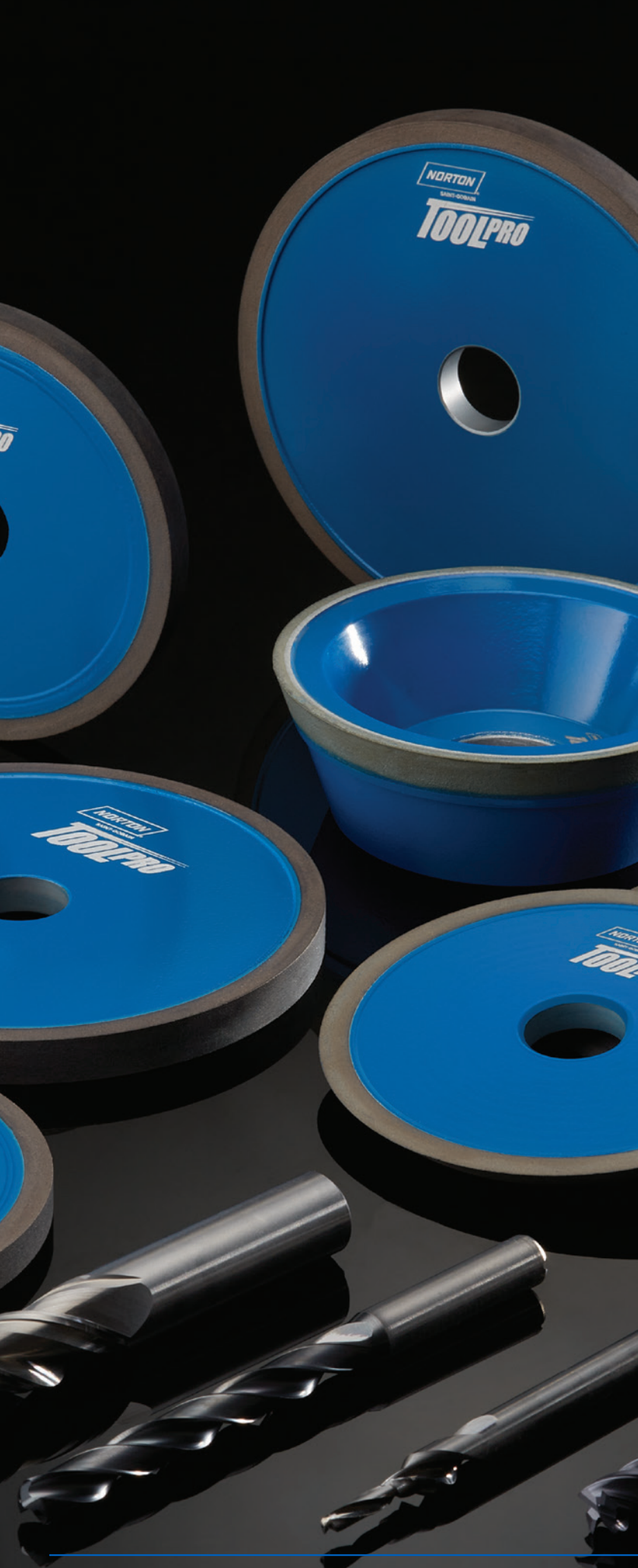
Machine: Anca FX 5

Coolant: Neat oil

Wheel size: 100-8-5-20 D64 ToolPro

Tool size: ø10mm





## STANDARD PRODUCT LIST

### FLUTING

DESCRIPTION	ITEM CODE
1A1 100-6-5-20 D64	66260243136
1A1 100-8-5-20 D64	66260231798
1A1 100-10-5-20 D64	66260243132
1A1 100-12-5-20 D64	66260235524
1A1 100-6-5-31.75 D64	66260243135
1A1 100-8-5-31.75 D64	66260243134
1A1 100-10-5-31.75 D64	66260243133
1A1 100-12-5-31.75 D64	66260243131
1A1 125-12-5-20 D64	66260231797
1A1 125-12-5-31.75 D64	66260243130

### POINT GRINDING

DESCRIPTION	ITEM CODE
11V9 100-10-3-20 D64	66260235215
11V9 100-10-5-20 D64	66260235214
11V9 75-10-3-20 D64	66260241476
11V9 75-10-5-20 D64	66260235528
11V9 100-10-3-31.75 D64	66260235216
11V9 75-10-3-31.75 D64	66260241474
11V9 75-10-5-31.75 D64	66260241473

### GASHING

DESCRIPTION	ITEM CODE
1V1/45 100-6-6-20 D64	66260241523
1V1/45 100-8-6-20 D64	66260235442
1V1/45 100-10-6-20 D64	66260241524
1V1/45 100-12-6-20 D64	66260241531
1V1/45 125-8-6-20 D64	66260241532
1V1/45 125-10-6-20 D64	66260241535
1V1/45 100-6-6-31.75 D64	66260241522
1V1/45 100-8-6-31.75 D64	66260235443
1V1/45 100-10-6-31.75 D64	66260241525
1V1/45 100-12-6-31.75 D64	66260241528
1V1/45 125-8-6-31.75 D64	66260241533
1V1/45 125-10-6-31.75 D64	66260241534

ALL DIMENSIONS ARE IN MM. OYHER SHAPES AND  
DIMENSIONS AVAILABLE ON REQUEST.