

# Bonded Abrasives



## Tool Room Grinding Wheels

Tool Room Grinding Wheels find vast applications in the manufacture and regrinding of cutting tools like drills, reamers, milling cutters, etc. Operations are carried out on the periphery of plain wheels (Type 1) face of cup wheels (Type 6 & 11) and edges of dish wheels (Type 12). These wheels are of white aluminium oxide (AA) green silicon carbide (GC), pink (RAA) and brown (A) aluminium oxide abrasives.

Owing to their friable nature and sharp edge retention properties, CUMI's Tool Room wheels give very high productivity. An exclusive bond system goes into the making which imparts superior properties like :

- ▶ Excellent form retention
- ▶ Dimensional accuracy
- ▶ Surface finish

### Product Recommendation

Material	Grading
High Speed Steels	AA46/54 K5 V8
Tools Steels	AA46/54 K5 V8
High Alloy Steels	AA60 J5 V8
Tungsten Carbide	GC60 K5 VG
Special Tool Steels	RAA60 K6 V206

Normal Speed of Operation : 25 to 33 m/s

### Product Range

Bond	V10, V10X	V8, Vcool	VG, VK10	V206, V Cool	VCAE, VSAE, V500, VC500
Grain	A	AA	GC	RAA	83/MSB
Dia (mm)	100-200	80-250	100-250	100-200	100-250
Thickness (mm)	3-25	3-25	3-25	3-25	10-25
Grit	46-120	46-180	46-220	46-120	46-120
Hardness	H-L	H-L	H-L	H-L	H-L
Structure	5	5	5	6	6-8