

UNIVERSAL SET GHINESTOOLS



Green Sintered



Black Vacuum-brazed



Red Electroplated



Yellow Metallic



White Vulcanized



Blue Vulcanized



Orange Vulcanized

GHINESTOOLS CNC shaped wheels are designed to enable the operator to have the simplest and quickest tooling set up time.

The increment is given when each tool is manufactured; the same diameter is used for all the wheels composing a set, without modifying the cutting capacity. **GHINESTOOLS do not need a tool incremental device. If your machine has this feature, switch it off.**

Even in case of tool replacement, you never have to change the thickness of the wheel, once set up. GHINES always guarantees their same profile.

- Due to its aggressive stock removal capability, the GHINES green segmented wheel extends the service life of the GHINES black vulcanized wheel and is recommended for hard material like granite and porphyries.
- The orange wheel is recommended for use only when producing extremely shiny finishes.

Warning: A bad, non-centered approach to the work piece can damage the vulcanized tools. Vulcanized wheels must not exceed 4,000 RPM rotation speed. Always use plenty of water for lubrication and cooling.



COLOR / TYPE	USE	FORWARD SPEED MM/INCHES CUTTING PER MINUTE			CUTTING CAPACITY MM/IN	ROTATION SPEED (RPM)
		MARBLE	GRANITE	ENGINEERED		
Green Sintered	Stock removal	400 – 800mm 16" – 32"	500 – 600mm 20" – 24"	500 – 600mm 20" – 24"	0.3 – 0.4mm .012" – .016"	4,500 – 5,000
Black Vacuum-brazed	Shaping	1000 – 1500mm 40" – 60"	1000 – 1500mm 40" – 60"	1200 – 1500mm 40" – 60"	0.2 – 0.4mm .008" – .016"	4,500 – 5,000
Red Electroplated	Honing	1500 – 2000mm 60" – 80"	1200 – 1500mm 48" – 60"	1200 – 1500mm 48" – 60"	0.1 – 0.2mm .004" – .008"	4,500 – 5,000
Yellow Metallic	Finishing	1500 – 2000mm 60" – 80"	1200 – 1500mm 48" – 60"	1200 – 1500mm 48" – 60"	0.05 – 0.1mm .002" – .004"	4,000 – 4,500
White Vulcanized	Pre-polishing	800mm 32"	600mm 24"	500-600mm 20" – 24"	0	1,500 – 3,000
Blue Vulcanized	Polishing	800mm 32"	600mm 24"	500-600mm 20" – 24"	0	1,500 – 3,000
Orange Vulcanized	Final buff	800mm 32"	600mm 24"	600mm 24"	0	1,500 – 3,000
Finger Bit	Milling	6"-10"	—	—	—	4,200 – 4,800
Core Bit	Core Holes	5"	—	—	—	3,000