

VICTOR®

TM-40

HIGH PRECISION • HIGH QUALITY

UNIVERSAL TOOL & CUTTER GRINDER

The Victor TM-40 Universal Tool & Cutter Grinder can perform a wide variety of work. In addition to almost limitless application as a tool sharpener, the TM-40 can also be adapted to light cylindrical, surface and internal grinding operations. A wide selection of attachments permits you to extend the versatility of the basic machine to suit your specific needs.



SPECIFICATIONS

STROKE	Longitudinal Movement of Table (X-axis)	15.75" (400 mm)
	Cross Movement of Saddle (Y-axis)	9.84" (250 mm)
	Vertical Movement of Wheelhead (Z-axis)	9.84" (250 mm)
	Distance Between Centers	27.56" (700 mm)
	Distance Between Tailstock and Workhead	22.83" (580 mm)
WORKBENCH	T-slot	0.59" (+0.00197" ~ +0.00394") 15 mm (+0.05 mm ~ +0.10 mm)
	Working Range of Table	5.31" x 37" (135 x 940 mm)
	Rotative Angle of Table	±60°
	JOG Adjustment of Table	±10°
WORKHEAD	Workhead Taper	One end MT5 / the other NT50
WHEELHEAD	Inclination of Wheelhead	±15°
	Rotative Angle of Wheelhead	360°
	Distance Between Centers of Spindle and Table	Max. 11.81" / Min. 1.97" (Max. 300 mm / Min. 50 mm)
	Distance Between Centers of Spindle and T-slot	Max. 16.34" / Min. 6.50" (Max. 415 mm / Min. 165 mm)
	Peak Power	2 HP (1.49 kW)
	Grinding Wheel Spindle Speed	2,600 / 3,700 / 6,200 rpm
DIMENSIONS & WEIGHT	Dimensions (L x W x H)	68.31" x 61" x 58.27" (1,735 x 1,550 x 1,480 mm)
	Weight	2,140 lb. (970 kg.)

• Specifications are subject to change without notice for further design improvements.

STANDARD MACHINE ACCESSORIES

1. Leveling blocks	11. Wheel guard (max. Ø 4.92")	21. Grinding wheel (WA 150D x 19T x 31.75H)
2. Workhead	12. Wheel guard (max. Ø 5.91")	22. Draw-in bolt for workhead and spacer
3. Right-hand tailstock	13. Wheel guard holder (short)	23. Wheel spanner
4. Center gauge	14. Wheel guard holder (long)	24. Collet wrench
5. Ejector rod	15. 2 sets grinding wheel flanges	25. Fixture rod
6. Center for workhead spindle MT5	16. 4" grinding wheel flange ext. (Ø1.25")	26. Open end wrench (17-19 mm)
7. Diamond dresser holder	17. Grinding wheel (WA 90D x 38T x 31.75H)	27. Combination wrench (19 mm)
8. Grinding wheel washer set	18. Grinding wheel (GC 125D x 38T x 31.75H)	28. Combination wrench (24 mm)
9. Wheel guard (max. Ø 3.54")	19. Grinding wheel (WA 150D x 13T x 31.75H)	29. Tool box & adjusting tool
10. Wheel guard (max. Ø 4.33")	20. Grinding wheel (GC 150D x 13T x 31.75H)	

OPTIONAL MACHINE ACCESSORIES

1. Left-hand tailstock	11. Grinding wheel (WA 76D x 12.7T x 12.7H)	21. Workhead indexing attachment
2. Tool holder	12. Grinding wheel (A 100D x 1.5T x 12.7H)	22. Extended grinding wheel spindle
3. MT5 to MT2 morse taper sleeve	13. T-wrench	23. Surface grinding attachment
4. MT5 to MT3 morse taper sleeve	14. Belt for spindle drive	24. Drill pointing attachment
5. MT5 to MT4 morse taper sleeve	15. Radius grinding attachment (No. 1)	25. Lathe & planer tool grinding attachment
6. 4" grinding wheel flange extension (Ø 0.5")	16. Radius grinding attachment (No. 2)	26. Spring collet set
7. Universal tooth rest plate & blade holder ext.	17. Face mill grinding attachment	27. Dust control unit
8. Plain tooth rest holder	18. Helical grinding attachment	28. Wet grinding attachment
9. Plain tooth rest holder	19. Cylindrical grinding attachment	29. 5C chuck for workhead
10. Fine adjustment guide rod	20. Internal grinding attachment	30. Tool cabinet



MACHINERY SOLUTIONS, INC.

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