

## Toolchanger Mounting Assembly

Automate constant high speed in your programs to speed up your slower operations. **Air Turbine Spindles®** Toolchanger Mounting Assembly (TMA), (patent pending) connects the air supply through the mounting block screwed onto your VMC or CNC.

Mounting blocks compatible with Haas, Hurco, Doosan, Fadal, Hardinge, DMG, Okuma and most other CNC's available. A Universal Block can be provided for drilling your CNC screw positions. Installation Kits available. Visit [www.airturbine.com](http://www.airturbine.com) for videos and view set-up information.

### TMA Assembly Includes:

1. Mounting block assembly
2. Spindle manifold collar with adjustable height connector to block

**Note:** **Air Turbine Spindles®** TMA option is not required on VMC's where coolant channel can be used to supply sufficient CFM / L/s air flow.

Center airfeed can be used if coolant channel has 6.5mm internal diameter for **601/602/625** models. Not suitable for **625X/650(X)/660(X)** CAT/DIN/BT models due to internal diameter requirements for air flow. All HSK spindles can be used with center airfeed. Coolant channel and connector tube must be purged and clean before air is induced.



Blocks available for any CNC (Hurco, DMG, Mazak, etc.)

## TMA (Block + Collar)

Model	P/N
602(X) - Universal 40 Taper**	36227
602(X) - Universal 30 Taper**	36276
602(X) - Haas 40 Taper	36218
602(X) - Haas 30 Taper	36278
602(X) - Fadal 40 Taper	36221
602(X) - Hurco VM / VMX SERIES	36284
625(X) - Universal 40 Taper**	36228
625(X) - Universal 30 Taper**	36277
625(X) - Haas 40 Taper	36219
625(X) - Haas 30 Taper	36279
625(X) - Fadal 40 Taper	36222
625(X) - Fadal 30 Taper	36281
625(X) - Hurco VM / VMX SERIES	36285
650(X) / 660(X) - Universal 40 Taper**	36229
650(X) / 660(X) - Universal 50 Taper**	36290
650(X) / 660(X) - Haas 40 Taper	36220
650(X) / 660(X) - Haas 50 Taper	36291
650(X) / 660(X) - Fadal 40 Taper	36223
650(X) / 660(X) - Fadal 50 Taper	36292
650(X) / 660(X) - Hurco VM / VMX SERIES	36286
Block Only	
Haas Mounting Block	36210
Fadal Mounting Block	36211
Universal Mounting Block**	36213
Collar Only	
602(X) Collar 40 Taper	36215
625(X) Collar 40 Taper	36216
650(X) / 660(X) Collar 40 Taper	36217

\*\*Drilling of mounting block holes required on Universal Blocks.

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Do not use couplings/hoses less than 1/4" / 6mm internal diameter. Use couplings / hoses with a minimum internal diameter of 1/3" / 8mm for 625 and 650 units, and 2/5" / 10mm for 650X units. Always use a 0.3 micron filter and/or extractor where required and check specified PSI or L/S air flow. Use 90 PSI / 6.2 Bar clean, dry, oil-free air only. Use eye protection and follow safety instructions. Supply is subject to Air Turbine Technology Inc. (ATT) distributor policies and upon terms contained in the ATT distributor agreement. Subject to availability, change of specifications, price and terms without notice. All specifications approximate.

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