

Just fit the new, patented, single turbine **625DT Series** spindles to your Drill-Tap machine magazine for automatic tool changing and increase production.

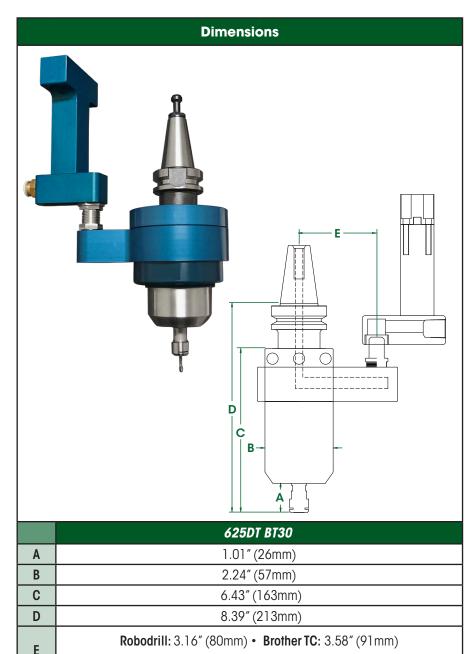
Air Turbine Spindles® Air Supply Adaptor manifold block connects to the machine spindle housing, via the automatic tool change, to supply air at 90 psi (6.2 bar) to the powerful, direct drive turbine motor.

Increase milling and drilling feed rates resulting in higher productivity with no duty cycle for true 24/7 unattended production – 30,000, 40,000, or 50,000 rpm, up to 0.50 hp (0.37 kW).

For automatic loading from the Drill-Tap magazine, install the spindle mounted manifold block and align the nozzle to block connector, which supplies the spindle air to a clean, dry 90 psi (6.2 bar) air supply.

**For manual loading** installation of the spindle the side NPT adaptor simply connects to a 6.5mm ID.

See Next Page for Part Numbers.



General Specifications	625DT	
Speed RPM	30,000 / 40,000 / 50,000	
Power Rating hp (kW)	0.40 (0.30) / 0.45 (0.34) / 0.50 (0.37)	
Inlet Air Pressure	90 PSI (6,2 Bar)	
Air Consumption Idle cfm (I/s)	10.5 (4.9) / 11 (5.2) / 11 (5.2)	
Air Consumption Working Flow cfm (I/s)	11 (5.2) - 20 (9.4)	
Sound Level	Less Than 78 dBA	
Max Shank Capacity	ER11 - 1/4" (6mm)	
Spindle + TMA Collar Weight	74.6 oz (2.11 kg)	

## Standard Equipment

Haas DT: 2.56" (65mm)

Spindle, combo filter extractor (p/n #30008), collet, wrenches, hose and fittings, plug (for alternate air inlet not in use) and carrying case. ER 11 collet system (1/4" or 6mm collet standard - other sizes optional).

Oil free 90 psi / 6.2 bar, clean, dry air supply required.

## **625DT -** Drill-Tap Spindle Series



Governed Speed	30,000	40,000	50,000	65,000
Model	P/N	P/N	P/N	P/N
625DTBT30 RoboDrill 1/4"	65350	65352	65354	65356
625DTBT30 RoboDrill 6mm	65351	65353	65355	65357
625DTBT30 Brother TC 1/4"	65358	65360	65362	65364
625DTBT30 Brother TC 6mm	65359	65361	65363	65365
625DTBT30 Haas DT-1 * * 1/4"	64642	64644	64646	65304
625DTBT30 Haas DT-1 * * 6mm	64643	64645	64647	65305
625BT30 1/4"	64210	64212	64306	65138
625BT30 6mm	64211	64213	64307	65139

TMA (Block + Collar)				
625DT - RoboDrill	36302			
625DT - Brother TC	36303			
625DT - Haas DT-1 **	36305			
Block Assembly Only				
625DT - RoboDrill	36314			
625DT - Brother TC	36315			
625DT - Haas DT-1 * *	36316			
Collar Assembly Only				
625DT - RoboDrill	36318			
625DT - Brother TC	36320			
625DT - Haas DT-1 * *	36324			

<sup>\*\*</sup>Single Turbine 625 Version is used in the Haas DT and certain other machine types.

Mounting Blocks for other CNC Machines available.

View Set Up Information and User Notes online at www.airturbinetools.com