

# THROUGH SPINDLE COOLANT

**30,000, 40,000 OR 50,000 RPM  
GOVERNED SPEEDS THAT STAY HIGH IN CUT**



## EVACUATE CHIPS AND IMPROVE TOOL LIFE

Drill and Mill at constant high speed and power to 0.8HP (0.6Kw).

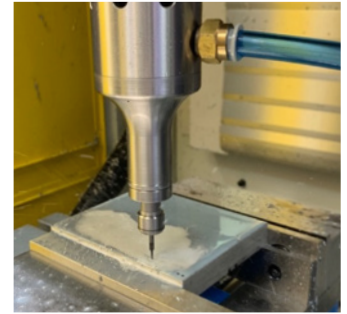
Full ATC on any CNC using Air Turbine Spindles® patented TMA assembly.

Reduce your cycle times.  
Optimize your cutting tool performance and life.

## 625TSC Series - "The Coolant Blaster"

Extend your tool life and improve your finish. Ideal for drilling small holes, the 625TSC series delivers coolant through your cutting tool to evacuate chips. These constant speeds are governed to maintain rated speed in cut and reduce your cycle times.

Only 2 moving parts result in low heat. Get the reliability of direct drive milling with no duty cycle.



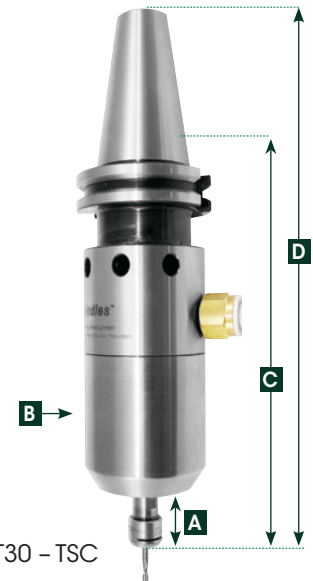
Manual Connection  
Optional

## 625BT30 - TSC

General Specifications	625BT30-TSC
<b>Speed RPM</b>	30,000 / 40,000 / 50,000
<b>Power Rating HP (kW)</b>	0.40 (0.30) / 0.45 (0.34) / 0.50 (0.37)
<b>Inlet Air Pressure</b>	90 PSI (6.2 Bar)
<b>Air Consumption Idle cfm (l/s)</b>	10.5 (4.9) / 11 (5.2) / 11 (5.2)
<b>Air Consumption Working Flow cfm (l/s)</b>	11 (5.2) - 20 (9.4)
<b>Sound Level</b>	Less Than 78 dBA
<b>Max Shank Capacity</b>	ER 11 - 1/4" (6mm)
<b>Spindle Weight</b>	81.6 oz (2.31 kg)

Dimensions	
<b>A</b>	0.87" (22mm)
<b>B</b>	2.24" (57mm)
<b>C</b>	6.38" (162mm)
<b>D</b>	8.30" (211mm)

Min Coolant Pressure  
120PSI+ / 7 Bar +

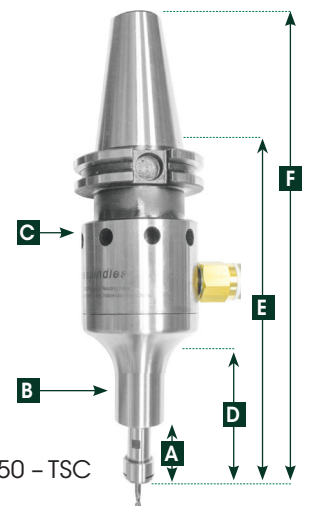


625BT30 - TSC

## 625CAT/DIN/BT40 L50 - TSC

General Specifications	625L50- TSC
<b>Speed RPM</b>	30,000 / 40,000 / 50,000
<b>Power Rating HP (kW)</b>	0.40 (0.30) / 0.45 (0.34) / 0.50 (0.37)
<b>Inlet Air Pressure</b>	90 PSI (6.2 Bar)
<b>Air Consumption Idle cfm (l/s)</b>	10.5 (4.9) / 11 (5.2) / 11 (5.2)
<b>Air Consumption Working Flow cfm (l/s)</b>	11 (5.2) - 20 (9.4)
<b>Sound Level</b>	Less Than 78 dBA
<b>Max Shank Capacity</b>	ER 11 - 1/4" (6mm)
<b>Spindle Weight</b>	84 oz (2.38 kg)

L50 Dimensions	
<b>A</b>	1.00" (25mm)
<b>B</b>	1.00" (25mm)
<b>C</b>	2.25" (57mm)
<b>D</b>	2.16" (55mm)
<b>E</b>	6.65" (169mm)
<b>F</b>	9.36" (238mm)



625L50 - TSC