

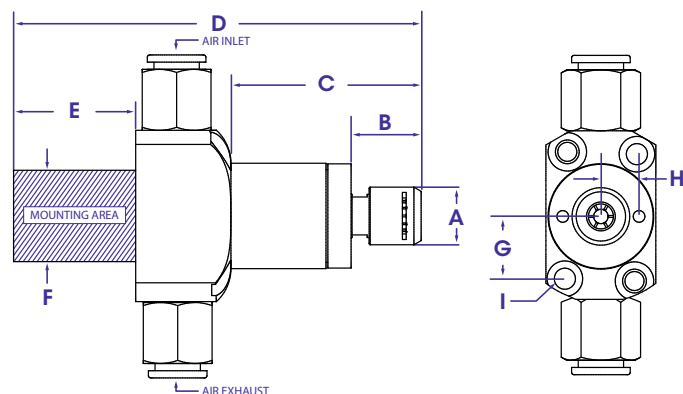
# 800LT- Miniature Live Tools for Swiss Automatics



Medical, aviation, and metalworking industries increase productivity dropping the 800LT into Automatic Lathes. These sliding headstock lathes operate 7 days a week under enormous cost and time pressure. Economic production success depends on the speed and reliability of motor drive but the outdated motor technology has restricted productivity and resulted in high costs.

**The 800LT series operates 24/7 at 60,000/80,000 rpm accelerating your production rate.** This powerful patented spindle has a governor which maintains your rated speed in the cut. Air Turbine Live Tools® are low friction direct drives with only 2 moving parts resulting in no heat and great reliability at high speed. Just connect 90 PSI, 6.2 Bar dry clean air supply, and mill on your Automatic.

## 800LT 19.05mm OD Dimensions



<b>A</b>	Ø 0.47" (12.0 mm)	<b>E</b>	1.00" (25.4mm)	<b>I</b>	Ø 0.17" (4.31mm) THRU Ø 0.29" (7.4mm) ± 0.16" (4.06mm) TYP (2)
<b>B</b>	0.57" (14.47mm)	<b>F</b>	Ø 0.75" (19.05mm)		
<b>C</b>	1.56" (39.62mm)	<b>G</b>	0.51" (12.95mm) TYP (2)		
<b>D</b>	3.34" (84.836mm)	<b>H</b>	0.30" (7.62mm) TYP (2)		

**19.05, 20, 22, 25mm Outside Diameter Available.**  
Specify Outside Diameter when Ordering

## 800LT Series

ER11 - 1/8"		ER11 - 3mm	
Speed RPM	Part #	Speed RPM	Part #
60,000	80002	60,000	80006
80,000	80003	80,000	80007

## Accessories

Model	Part #
Low Flow Filter / Regulator	30001
Tube 6mm O.D. - 4mm I.D. (order by foot)	16520
Hose & Fitting - 6mm O.D. - 4mm I.D. - 12'	30041

## Included Equipment

- Air Turbine Live Tool®
- Low Flow Filter / Regulator (p/n #30001)
- Collet
- Wrenches
- Hose
- Fittings
- Carrying Case

General Specifications	800LT	
Speed RPM	60,000	80,000
Power Rating hp (kW)	0.1 (0.07)	
Inlet Air Pressure	90 psi (6.2 bar)	
Air Consumption Idle cfm (l/s)	3.5	
Air Consumption Working Flow cfm (l/s)	5	
Sound Level	Less Than 78 dBA	
Max Shank Capacity	ER8 - 1/8" (3mm)	
Live Tool Weight	5.6 oz (0.158 kg)	

## Standard Equipment

ER 8 UP collet system (1/8" or 3mm collet standard other sizes optional).

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

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Supply is subject to Air Turbine Technology Inc. (ATT) distributor policies and upon terms and conditions contained in the ATT distributor agreement. Subject to availability, change of specifications, price and terms without notice. Always use a 0.3 micron filter/extractor and check specified air flow. 6.2 Bar / 90 psi clean, dry, oil-free air only. Use eye protection and follow safety instructions. All specifications approximate. © 2024 Air Turbine Technology, Inc. All rights reserved.

### 800LT 20mm OD Dimensions

<b>A</b>	Ø 0.47" (12.0 mm)	<b>D</b>	3.34" (84.836mm)	<b>G</b>	0.51" (12.95mm) TYP (2)	<b>I</b>	Ø 0.173" (4.39mm) THRU Ø 0.29" (7.36mm) ± 0.16" (4.06mm) TYP (2)
<b>B</b>	0.57" (14.47mm)	<b>E</b>	1.00" (25.4mm)	<b>H</b>	0.30" (7.62mm) TYP (2)		
<b>C</b>	1.56" (39.62mm)	<b>F</b>	Ø 0.79 (20mm)				

### 800LT 22mm OD Dimensions

<b>A</b>	Ø 0.47" (12.0 mm)	<b>D</b>	3.34" (84.836mm)	<b>G</b>	0.74" (18.8mm) TYP (2)	<b>I</b>	Ø 0.22" (5.58mm) THRU Ø 0.32" (8.128mm) ± 0.30" (7.62mm) TYP (2)
<b>B</b>	0.57" (14.47mm)	<b>E</b>	1.00" (25.4mm)	<b>H</b>	0.27" (6.858mm) TYP (2)		
<b>C</b>	1.56" (39.62mm)	<b>F</b>	Ø 0.87 (22mm)				

### 800LT 25mm OD Dimensions

<b>A</b>	Ø 0.47" (12.0 mm)	<b>D</b>	3.34" (84.836mm)	<b>G</b>	0.51" (12.95mm) TYP (2)	<b>I</b>	Ø 0.17" (4.32mm) THRU Ø 0.32" (8.128mm) ± 0.46" (11.68mm) TYP (2)
<b>B</b>	0.57" (14.47mm)	<b>E</b>	1.00" (25.4mm)	<b>H</b>	0.30" (7.62mm) TYP (2)		
<b>C</b>	1.56" (39.62mm)	<b>F</b>	Ø 0.79 (20mm)				

**19, 20, 22, 25mm Outside Diameter Available. Specify Outside Diameter when Ordering**

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