

AirPRO

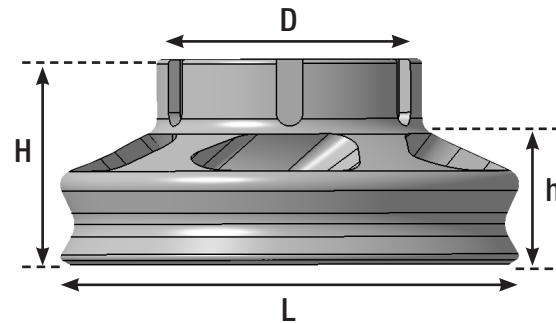
Use the AirPRO instead of ER collet nuts to provide enhanced dust removal capability to your machine. Use only with on-size precision ER collets to ensure proper performance.

During operation, the AirPRO produces a powerful air-stream that evacuates dust from nested cutting operations before it has a chance to accumulate.

- AirPRO features PowerCOAT Technology for 70% greater holding power and longer cutter life
- ER Collets snap into AirPRO just like a collet nuts
- Use with ER32 and ER40 collet chucks
- Works with standard router bits



Always tighten the AirPRO to proper torque specification using a torque wrench and tightening stand.



AirPRO Specifications

Part No.	Description	Min RPM	Max RPM	D	L	H	h	Weight
453200	ER32 AirPRO	18,000	24,000	1.97"	3.77"	1.77"	1.24"	1.1 lb
454000	ER40 AirPRO	18,000	24,000	2.48"	4.06"	1.81"	1.13"	1.4 lb
452500	SYOZ25 AirPRO	18,000	24,000	2.36"	3.92"	1.97"	1.13"	1.3 lb

AirPRO Operating Parameters

Part No.	Description	Optimal Gap	Max Chip Load	Wrench	Adapter	Torque
453200	ER32 AirPRO	.070"	.020"	200TH	04604-32	100 lb.ft
454000	ER40 AirPRO	.070"	.020"	200TH	04605-40	130 lb.ft
452500	SYOZ25 AirPRO	.070"	.020"	200TH	03690-25	90 lb.ft

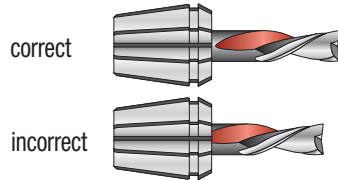
Warranty: AirPRO is guaranteed to perform as described, but must be used with on-size precision ER collets and tightened to torque specifications above using a tightening stand, torque wrench and proper adapter or warranty becomes invalid.

AirPRO Setup Information

Setup Instructions



1. Every time you setup an AirPRO inspect the AirPRO, toolholder, collet, and cutting tool for signs of wear or other damage. Do not use worn or damaged tools with the AirPRO.
2. Remove all dust or other contaminants from the AirPRO, ER collet and toolholder, making sure the threads are clean.
3. Snap the collet into the AirPRO.
4. Insert the cutter into the collet making sure the tool reaches all the way to the bottom of the collet so proper holding power is applied.



5. Use the cutter pre-set jig (sold separately) to accurately set the cutter to the correct depth to maintain .070" clearance between AirPRO and material. Clearance from .060" up to .200" is acceptable, but .070" is optimal.
6. Hand tighten the AirPRO, collet, and cutter assembly into your toolholder.
7. Insert the assembly into a tightening stand and tighten to correct specification using a torque wrench. See other side for torque specifications.



Recommended Cutting Tool Depth

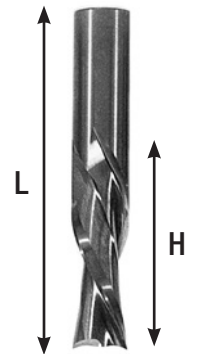
For optimal performance setup the AirPRO and cutting tool depth to maintain .070" gap between the face of the AirPRO and the material surface.



Pre-Set jig Part No. 18T-1901

Cutter Pre-Set Jig

For optimum performance use the pre-set jig to accurately set tool depth to maintain .070" clearance between AirPRO and material, while cutting .010" into the spoil board.



Recommended Cutting Tool Depth

Material Depth	L Min	L Max	H Min	H Max
1/4"	2 1/2"	2 1/2"	1/2"	1"
3/8"	2 1/2"	2 1/2"	1/2"	1 1/8"
12mm	2 1/2"	3"	5/8"	1 1/4"
1/2"	2 1/2"	3"	5/8"	1 1/4"
5/8" - 16mm	3"	3"	3/4"	1 3/8"
18mm	3"	3"	7/8"	1 1/2"
3/4" - 19mm	3"	3"	1"	1 5/8"
20mm	3"	3"	1"	1 5/8"
1" - 25mm	3"	3 1/2"	1 1/8"	1 3/4"
1 1/8"	3 1/2"	3 1/2"	1 1/4"	1 7/8"
1 1/4" - 32 mm	3-1/2"	3 1/2"	1 3/8"	2"