



1/4" Pneumatic Mini Die Grinders

- Polyurethane grip reduces operator fatigue and vibration
- Power/speed regulator allows for easy PSI adjustment
- Twin-bearing design for smooth operation
- Wrenches included

Model No. THZ678



aurora tools

1/4" Pneumatic Angle Die Grinders

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Model No.	Collet Size		Free Speed RPM	Average Air Consumption		Hose Size		Horsepower HP	Vibration Less Than m/s ²	Sound Pressure Level dB(A)	Net Weight		Price /Each
	in	mm		CFM	Air Inlet	in	mm				lbs.	kg	
THZ678	1/4	6.4	25000	3	1/4" - 18 NPT	3/8	9.5	0.35	0.1	83	0.9	0.43	
THZ679	1/4	6.4	18000	3	1/4" - 18 NPT	3/8	9.5	0.45	0.1	80	1.7	0.77	

Industrial Die Grinders

- Excellent ergonomics
- Very low maintenance
- Low vibration
- Built for continuous use



Model No.	Mfg. No.	Free Speed RPM	Collet Max Capacity"	Power HP	Power W	Weight		Air Consumption			Air Inlet Thread"	Hose I.D."	Price /Each	
						lbs.	kg	At Free Speed CFM	At Max Output CFM	At Max Output L/s				
TCW168	CP3451-18SEC	18000	1/4	1.0	750	3.1	1.4	14	6.7	17	8	1/4	5/16	
TCW258	CP3000-424R	24000	1/4	0.5	400	1.8	0.84	27	13	25	12	1/4	5/16	
TCW144	CP3030-420R	13000	1/4	0.8	600	2.6	1.3	21	10	40	19	3/8	3/8	
TCW044	CP3109-13AC	13000	1/4	0.8	600	2.4	1.1	21	10	32	15	3/8	3/8	
TCW088	CP3109-24ES	24000	1/4	0.8	600	2.9	1.3	21	10	32	15	3/8	3/8	
TCW174	CP3109-24	24000	1/4	0.8	600	2.0	0.9	21	10	32	15	3/8	3/8	

Grinders

MINI ANGLE DIE GRINDERS

For high-speed blending, smoothing, porting and deburring in confined areas.

- Compact, lightweight design
- Lock-off throttle
- 90° angle head
- Front exhaust
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG077



MINI DIE GRINDERS

For high-speed blending, smoothing, porting and deburring in confined areas.

- Compact, lightweight design
- Lock-off throttle
- Front exhaust
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG076



DIE GRINDERS & EXTENDED SPINDLE DIE GRINDERS

For die contouring and repair, weld cleaning, casting and forging cleanup, deburring, blending, and smoothing.

- 1/2 HP motor
- Square handle design
- Lock-off throttle
- Rear exhaust
- TG079 - 6" extended spindle
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG078, TG079



Model No.	Mfg. No.	Collet Size		Spindle Thread"	Free Speed RPM	CFM	dBA	Vibration m/s ²	Overall Length		Net Weight		Price /Each
		in.	mm						in.	mm	lbs.	kg	
TG076	CP876	1/4	6	3/8"-24	28000	16	101	2.5	4 3/4	119	3/4	0.3	
TG077	CP875	1/4	6	3/8"-24	21000	16	101	2.5	4 7/8	123	1	0.5	
TG078	CP860	1/4	6	M10 x 1.25"	24000	20	90	3.0	5 3/4	146	1 1/4	0.6	
TG079	CP860ES	1/4	6	M10 x 1.25"	24000	20	90	3.0	11 3/4	298	2 1/10	0.95	

Noise levels are at 1.0 m per Pneuport Standard 8N-1. Vibration levels are per ISO 8662-1.