



**Compact**  
**11C934**

**Standard Reach**  
**1TDH8**



**Extended Reach**  
**25H858**



## Pneumatic Angle Grinders

▪ Lever switch, except 1XFG5 has a trigger switch

Air-powered tools rotate grinding wheels to remove surface material or rotate cut-off wheels to cut through material. Their head is set at a right angle to the tool body so they are more than vertical grinders and allow for better visibility of the wheel and the work surface. Commonly used to grind welds, cut metal plates and pipe, and polish concrete, stone, and metal.

**Compact**—Have a short body with a reach up to 6" and can use small-diameter wheels for detailing work. Smaller and lighter than other angle grinders to provide a comfortable grip and reduce hand fatigue.

**Standard Reach**—The tool body gives them a 6" to 11" reach for grinding open surface areas where there's no need to work in tight spaces.

**Extended Reach**—Tool design extends the wheel from the grinder body to lengthen their reach beyond 11" for accessing surfaces within frames and machinery.



**11C977**



**13F652**



## Pneumatic Pencil Grinders

Tools are air-powered to rotate carbide burs and mounted points to perform light material removal in detailed grinding, sculpting, deburring, and polishing tasks. Their slim, compact body allows for fine control and access to tight spaces to perform intricate, precise work. Commonly used for final cleaning, die and mold polishing, hole finishing, and contour blending.

**1/8 in. Collet**—This standard size collet accepts burs and mounted points with a 1/8" dia. shank.

**1/8 in. Collet Pencil Grinder Kit**—Includes a pencil grinder with a standard size 1/8" collet and various burs and mounted points with a 1/8" dia. shank to fit the collet.

**3mm Collet Pencil Grinder Kits**—Include a pencil grinder with a 3mm collet and an assortment of accessory items. A 3mm collet is the closest metric equivalent to a 1/8" collet.

Wheel Dia.	Horsepower	Max. Speed	Overall Length	Air Inlet	Spindle Thread Size	Brand	Item No.
<b>Compact</b>							
<b>Light Duty</b>							
2 in	0.2 hp	15,000 RPM	4 7/8 in	1/4 in FNPT	1/4 in-18	Speedaire	10D232
<b>Medium Duty</b>							
2 in	0.2 hp	22,000 RPM	5 1/2 in	1/4 in FNPT	3/8 in-24	Chicago Pneumatic	11C934
2 in, 3 in	0.2 hp	15,000 RPM	5 3/8 in	1/4 in FNPT	1/4 in-20	Ingersoll Rand	1XFG5
3 in	0.5 hp	16,000 RPM	5 3/4 in	1/4 in FNPT	1/4 in-20	Speedaire	12V733
<b>Heavy Duty</b>							
2 in	0.4 hp	15,000 RPM	5 3/4 in	1/4 in FNPT	3/8 in-24	Dynabrade	25H932
<b>Standard Reach</b>							
<b>Medium Duty</b>							
4 in	0.5 hp	3,500 RPM	11 in	1/4 in FNPT	M6*1	Speedaire	22EW13
4 in	0.7 hp	11,000 RPM	9 in	1/4 in FNPT	3/8 in-24	Speedaire	21AA89
4 in	0.8 hp	12,000 RPM	9 3/8 in	1/4 in FNPT	3/8 in-24	Chicago Pneumatic	20HN60
4 1/2 in	0.7 hp	11,000 RPM	9 in	1/4 in FNPT	3/8 in-24	Speedaire	21AA90
4 1/2 in	0.8 hp	12,000 RPM	9 3/8 in	1/4 in FNPT	3/8 in-11	Chicago Pneumatic	11C985
5 in	0.8 hp	12,000 RPM	9 3/8 in	1/4 in FNPT	3/8 in-11	Chicago Pneumatic	11C984
<b>Heavy Duty</b>							
2 1/2 in	0.4 hp	12,000 RPM	6 in	1/4 in FNPT	3/8 in	Speedaire	45Y118
3 in	0.4 hp	20,000 RPM	6 in	1/4 in FNPT	3/8 in-24	Ingersoll Rand	1TDH8
4 in	0.6 hp	13,000 RPM	9 in	1/4 in FNPT	3/8 in-24	Chicago Pneumatic	11C965
4 in	0.8 hp	10,000 RPM	9 3/8 in	1/4 in FNPT	3/8 in-24	Speedaire	21AA83
4 in	1 hp	12,000 RPM	9 1/4 in	3/8 in FNPT	3/8 in-24	Ingersoll Rand	48U777
4 in	1 hp	13,500 RPM	9 1/4 in	3/8 in FNPT	3/8 in-24	Ingersoll Rand	45JW72
4 in	1.1 hp	12,000 RPM	9 1/4 in	3/8 in FNPT	3/8 in-24	Chicago Pneumatic	11C899
4 in	1.1 hp	12,000 RPM	10 3/8 in	1/4 in FNPT	3/8 in-24	Chicago Pneumatic	48FX70
4 in	1.3 hp	13,500 RPM	10 in	3/8 in FNPT	3/8 in-24	Dynabrade	25H922
4 in	1.5 hp	12,000 RPM	10 in	3/8 in FNPT	3/8 in-24	Chicago Pneumatic	54XT91
4 1/2 in	0.9 hp	12,000 RPM	9 3/4 in	3/8 in FNPT	3/8 in-11	Ingersoll Rand	5LAN8
4 1/2 in	1 hp	12,000 RPM	9 1/4 in	3/8 in FNPT	3/8 in-11	Ingersoll Rand	45JW70
4 1/2 in	1.1 hp	12,000 RPM	10 3/8 in	1/4 in FNPT	3/8 in-11	Chicago Pneumatic	48FX71
4 1/2 in	1.1 hp	12,000 RPM	10 3/8 in	1/4 in FNPT	3/8 in-24	Chicago Pneumatic	48FX72
4 1/2 in	1.3 hp	12,000 RPM	10 in	3/8 in FNPT	3/8 in-11	Dynabrade	13F657
4 1/2 in	1.5 hp	12,000 RPM	10 in	3/8 in FNPT	3/8 in-11	Chicago Pneumatic	54XT92
4 1/2 in	2.4 hp	12,000 RPM	9 3/8 in	3/8 in FNPT	3/8 in-11	Chicago Pneumatic	20RH03
4 1/2 in, 5 in	0.7 hp	11,000 RPM	8 in	1/4 in FNPT	3/8 in-11	Dynabrade	25H862
4 1/2 in, 5 in	1.2 hp	12,000 RPM	8 in	1/2 in FNPT	3/8 in-11	Dynabrade	25H859
5 in	0.9 hp	12,000 RPM	9 3/8 in	1/4 in FNPT	3/8 in-11	Ingersoll Rand	5LAN9
5 in	1 hp	12,000 RPM	9 1/4 in	3/8 in FNPT	3/8 in-11	Ingersoll Rand	45JW71
5 in	1.1 hp	12,000 RPM	9 1/4 in	3/8 in FNPT	3/8 in-11	Chicago Pneumatic	11C898
5 in	1.1 hp	12,000 RPM	10 3/8 in	1/4 in FNPT	3/8 in-11	Chicago Pneumatic	48FX73
5 in	1.1 hp	12,000 RPM	10 3/8 in	1/4 in FNPT	3/8 in-24	Chicago Pneumatic	48FX74
5 in	1.3 hp	12,000 RPM	10 in	3/8 in FNPT	3/8 in-11	Dynabrade	13F658
6 in	2.4 hp	10,000 RPM	9 3/8 in	3/8 in FNPT	3/8 in-11	Chicago Pneumatic	20RH01
<b>Extended Reach</b>							
<b>Medium Duty</b>							
7 in	1 hp	8,500 RPM	13 3/4 in	3/8 in FNPT	3/8 in-11	Speedaire	21AA91
<b>Heavy Duty</b>							
4 in	1 hp	12,000 RPM	11 3/4 in	3/8 in FNPT	3/8 in-24	Dynabrade	25H858
4 in	1 hp	13,500 RPM	12 3/8 in	3/8 in FNPT	3/8 in-24	Ingersoll Rand	45JW82
4 in	1 hp	13,500 RPM	12 1/2 in	3/8 in FNPT	3/8 in-24	Ingersoll Rand	48U778
4 in	1 hp	14,500 RPM	11 3/8 in	3/8 in FNPT	3/8 in-24	Ingersoll Rand	45JW74
4 1/2 in	1 hp	12,000 RPM	12 3/8 in	3/8 in FNPT	3/8 in-11	Ingersoll Rand	45JW83
6 in	1 hp	10,000 RPM	12 3/8 in	3/8 in FNPT	3/8 in-11	Ingersoll Rand	45JW80
7 in	1.2 hp	6,000 RPM	13 3/8 in	1/2 in FNPT	3/8 in-11	Dynabrade	25H864
7 in	1.3 hp	7,500 RPM	13 3/8 in	1/2 in FNPT	3/8 in-11	Chicago Pneumatic	32FY72
7 in	1.5 hp	10,000 RPM	13 3/8 in	3/8 in FNPT	3/8 in-11	Ingersoll Rand	3Y516
7 in	2 hp	6,000 RPM	13 3/8 in	1/2 in FNPT	3/8 in-11	Dynabrade	25H863
7 in	2.8 hp	7,700 RPM	13 3/8 in	1/2 in FNPT	3/8 in-11	Chicago Pneumatic	20RH05
7 in	2.8 hp	8,500 RPM	13 3/8 in	3/8 in FNPT	3/8 in-11	Chicago Pneumatic	20RH06

Max. Speed	Air Inlet	Exhaust Location	Overall Length	Brand	Item No.	
<b>1/8 in. Collet</b>						
<b>Medium Duty</b>						
56,000 RPM	1/4 in FNPT	Rear	5 1/4 in	Speedaire	21AA92	
	1/2 in NPT	Rear	5 3/4 in	Dotco	24D718	
	1/2 in NPT	Rear	5 7/8 in	Dotco	24D732	
60,000 RPM	1/2 in NPT	Rear	5 7/8 in	Dotco	24D734	
	1/2 in NPT	Rear	5 7/8 in	Dotco	24D719	
	1/4 in NPT	Rear	5 3/4 in	Chicago Pneumatic	11C977	
70,000 RPM	1/4 in FNPT	Rear	7 1/8 in	Speedaire	21AA93	
80,000 RPM	1/2 in NPT	Rear	5 1/2 in	Dotco	24D731	
100,000 RPM	1/2 in NPT	Front	5 3/8 in	Dotco	24D720	
<b>Heavy Duty</b>						
35,000 RPM	1/4 in FNPT	Rear	5 1/4 in	Dynabrade	13F652	
	1/4 in FNPT	Rear	6 in	Dynabrade	25H889	
40,000 RPM	1/4 in FNPT	Rear	5 1/4 in	Dynabrade	13F653	
50,000 RPM	1/4 in FNPT	Rear	5 1/4 in	Dynabrade	25H886	
	1/4 in FNPT	Front	5 3/8 in	Ingersoll Rand	5Z343	
	1/4 in FNPT	Rear	4 1/2 in	Dynabrade	20UC99	
	1/4 in FNPT	Rear	5 1/4 in	Dynabrade	13F654	
60,000 RPM	1/4 in FNPT	Rear	5 1/4 in	Dynabrade	25H887	
	1/4 in FNPT	Rear	5 3/8 in	Ingersoll Rand	5Z344	
	1/4 in NPT	Rear	6 in	Chicago Pneumatic	22P487	
	1/4 in FNPT	Rear	6 in	Dynabrade	25H888	
100,000 RPM	1/4 in FNPT	Rear	5 3/8 in	Dynabrade	13F655	
<b>Max. Speed Air Inlet Exhaust Location Overall Length Includes Brand Item No.</b>						
<b>1/8 in. Collet Pencil Grinder Kits</b>						
<b>Medium Duty</b>						
60,000 RPM	1/4 in NPT	Rear	5 1/4 in	(5) Carbide Burrs, (5) Mounted Points, 1/8 in and 3 mm Collets, Silencer Hose	Chicago Pneumatic	36WC32
<b>3mm Collet Pencil Grinder Kits</b>						
<b>Medium Duty</b>						
60,000 RPM	1/8 in NPT	Rear	5 3/8 in	(2) Wrenches, 1 ft. Overhose, Collet, Collet Guard	Dotco	24D733
<b>Heavy Duty</b>						
	1/4 in NPT	Rear	5 3/4 in	Applicable Collet, Collet Wrenches, Collet Guard, 5 ft. Air Supply Hose, 1 ft. Overhose	Cleco	60UP31
60,000 RPM	1/4 in NPT	Rear	5 3/4 in	Applicable Collet, Collet Wrenches, Collet Guard, 5 ft. Air Supply Hose, 1 ft. Overhose	Cleco	60UP32
	1/4 in NPT	Rear	6 1/4 in	Applicable Collet, Collet Wrenches, Collet Guard, 5 ft. Air Supply Hose, 1 ft. Overhose	Cleco	60UP33