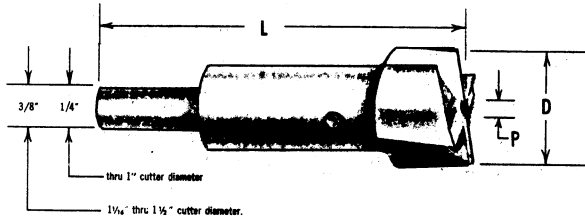


CUTTING TOOLS

COUNTERBORES



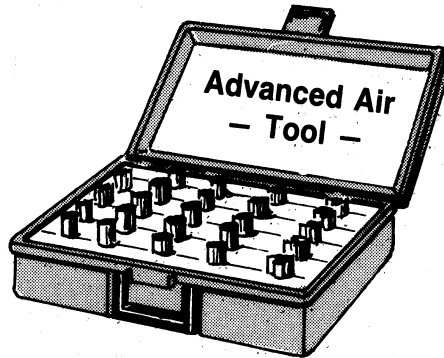
MM 275 Counterbores are for use in portable drill motors and drill presses. Quality made of high speed tool steel, properly heat treated and precision ground to insure free cutting. Corner radii ground to aircraft standards. Refer to MM 276 for pilots. Carried in stock in the sizes shown.

TOOL NO.	DIA.	PILOT HOLE	LENGTH
MM 275-1	1/4"	3/32"	2-3/8"
MM 275-2	9/32"	3/32"	2-3/8"
MM 275-3	5/16"	3/32"	2-3/8"
MM 275-4	11/32"	3/32"	2-3/8"
MM 275-5	3/8"	3/32"	2-3/8"
MM 275-6	13/32"	1/8"	2-3/4"
MM 275-7	7/16"	1/8"	2-3/4"
MM 275-8	15/32"	1/8"	2-3/4"
MM 275-9	1/2"	1/8"	2-3/4"
MM 275-10	17/32"	1/8"	2-3/4"
MM 275-11	9/16"	1/8"	2-3/4"
MM 275-12	19/32"	1/8"	2-3/4"
MM 275-13	5/8"	1/8"	2-3/4"

TOOL NO.	DIA.	PILOT HOLE	LENGTH
MM 275-14	21/32"	3/16"	2-3/4"
MM 275-15	11/16"	3/16"	2-3/4"
MM 275-16	23/32"	3/16"	2-3/4"
MM 275-17	3/4"	3/16"	2-3/4"
MM 275-18	25/32"	3/16"	2-3/4"
MM 275-19	13/16"	3/16"	2-3/4"
MM 275-20	27/32"	3/16"	2-3/4"
MM 275-21	7/8"	3/16"	2-3/4"
MM 275-22	29/32"	3/16"	2-3/4"
MM 275-23	15/16"	3/16"	2-3/4"
MM 275-24	31/32"	3/16"	2-3/4"
MM 275-25	1"	3/16"	2-3/4"

#275K25 COUNTERBORE KIT

25 Pcs. in Plastic Case
Size: 1/4"-1" by 1/32 grad.



#275K13 COUNTERBORE KIT

13 Pcs. in Plastic Case
Size: 1/4"-1" by 1/16 grad.

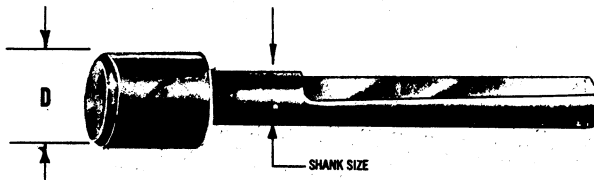
#275K45P COUNTERBORE KIT

25 Pcs. As Above Plus 20 Assorted Pilots

#275K23P COUNTERBORE KIT

13 Pcs. As Above Plus 10 Assorted Pilots

COUNTERBORE PILOTS



MM 276 Pilots are for use in the MM 275 counterbores. Made from heat treated tool steel and precision ground to insure concentricity and size tolerances. Carried in stock in the sizes shown.

WHEN ORDERING PLEASE SPECIFY PART NUMBER AND SHANK DIAMETER -A OR -C REFER BELOW TO THE RANGE OF PILOT DIAMETERS FURNISHED WITH EACH SIZE PILOT SHANK.

TOOL NO.	SIZE	DIA.	SHANK	-A	-C	TOOL NO.	SIZE	DIA.	-A	-C
MM 276-1	3/32"	.092	3/32"			MM 276-13	3/8"	.373	1/8"	3/16"
MM 276-2	1/8"	.123	3/32"	1/8"		MM 276-14	13/32"	.404	1/8"	3/16"
MM 276-3	5/32"	.154	3/32"	1/8"		MM 276-15	7/16"	.4355	1/8"	3/16"
MM 276-4	#20	.159	3/32"	1/8"		MM 276-16	15/32"	.4665	1/8"	3/16"
MM 276-5	3/16"	.186	3/32"	1/8"	3/16"	MM 276-17	1/2"	.498	1/8"	3/16"
MM 276-6	#10	.1915	3/32"	1/8"	3/16"	MM 276-18	17/32"	.529		3/16"
MM 276-7	7/32"	.2165	3/32"	1/8"	3/16"	MM 276-19	9/16"	.560		3/16"
MM 276-8	1/4"	.248	3/32"	1/8"	3/16"	MM 276-20	19/32"	.591		3/16"
MM 276-9	F	.255	3/32"	1/8"	3/16"	MM 276-21	5/8"	.622		3/16"
MM 276-10	9/32"	.279		1/8"	3/16"	MM 276-22	21/32"	.653		3/16"
MM 276-11	5/16"	.3105		1/8"	3/16"	MM 276-23	11/16"	.685		3/16"
MM 276-12	11/32"	.3415		1/8"	3/16"					

Example: mm 276-2 A for 1/8 pilot x 1/8 shank