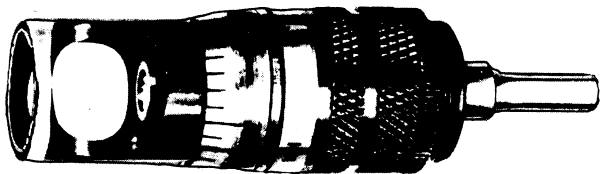


CUTTING TOOLS

MICRO-STOP COUNTERSINKING UNIT



ZT330S NEW
Refer to MM-305 &
MM 307 for Cutters
Max Cutter Cap 5/8

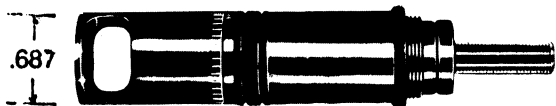
PRESS ON NYLON PROTECTIVE FOOTPLATE



To eliminate surface scratching #304-1

New Midget Model

For close quarters operations



ZT345S
Max. Cutter Cap 7/16"

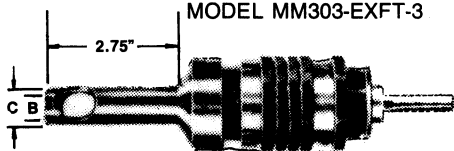
PRESS ON NYLON PROTECTIVE FOOTPLATE



To eliminate surface scratching #346-1

EXTENDED FOOTPIECE TYPE

MODEL MM303-EXFT-3



MODEL	CUTTER THREAD	MAX CUTTER DIA.	B	C
MM303-EXFT-3	1/4 - 28	.375	.400	.500

PRESS ON NYLON PROTECTIVE FOOTPLATE



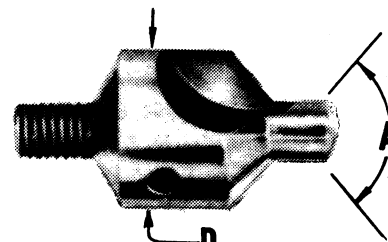
To eliminate surface scratching #286-1

STOP COUNTERSINK CUTTERS

Integral pilot - threaded shank

MM 305 Countersink cutters are designed primarily for use in countersinking units. These cutters are made from the finest high speed tool steel.

When ordering please specify part number, A-degree and pilot diameter required

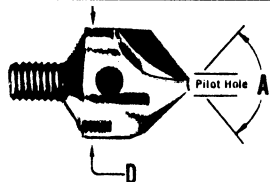


A-degree 100°

- Also available 82°, 90°, 120°.....
- Other diameters and pilot sizes available

TOOL NO.	D-DIAMETER	SHANK	PILOT SIZE
MM 305-1	3/8"	1/4"-28	3/32, 1/8, 5/22 3/16 #40, 30, 21, 10
MM 305-2	* 7/16"	1/4"-28	#40, 30, 21, 10
MM 305-2	7/16"	1/4"-28	3/32, 1/8, 5/32, 3/16
MM 305-3	* 1/2"	1/4"-28	#40, 30, 21, 10
MM 305-3	1/2"	1/4"-28	3/32, 1/8, 5/32, 3/16
MM 305-3	1/2"	1/4"-28	7/32", 1/4"

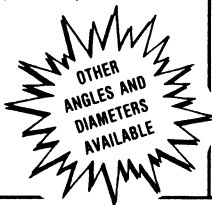
**MOST POPULAR STOCKED SIZES*



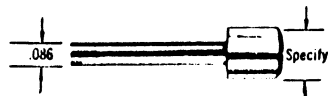
Replaceable pilot-threaded shank

MM 307 Countersink cutters are designed primarily for use in countersinking units. These cutters are made from the finest high speed tool steel, precision ground to maintain concentricity and radial clearances which will assure fast and smooth cutting. for replaceable pilots refer to MM 311.

TOOL NO.	D-DIAMETER	SHANK	PILOT HOLE
MM 307-3-100°	1/2"	1/4" - 28	.086
MM 307-3-82°	1/2"	1/4" - 28	.086



COUNTERSINK PILOTS



Replacement countersink pilots for use in MM 307 cutters

MM 311- #40, 30, 21, 10 or 1/4" ...

MM311 - 3/32, 1/8, 5/32, 3/16.....

MICRO COUNTERSINK KIT



KIT INCLUDES:

- 1 ea. ZT330S COUNTERSINK UNIT
- 1 ea. MM 305-2 - #40, 30 21, 10
- 1 ea. 304-1 PROTECTIVE FOOTPLATE
- 1 ea. PLASTIC BOX
- #330 SK.....