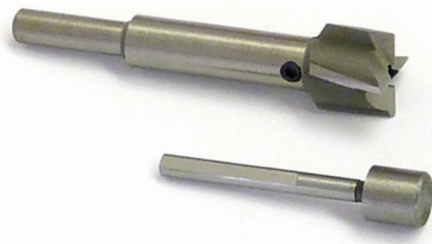


# Aircraft Counterbores • Paint Cutters

## Aircraft counterbores

Aircraft counterbores are used to assure a flat seating surface for fasteners or mating parts that are 90° to the axis of the hole. A pilot is used to assure concentricity of the counterbore with the hole.

Counterbores are furnished without a "corner radius" unless specified.



### Counterbore (1/4 in Shank)

PART NUMBER	SIZE	PILOT HOLE	PART NUMBER	SIZE	PILOT HOLE
OM488-1	1/4	3/32	OM488-17	3/4	3/16
OM488-2	9/32	3/32	OM488-18	25/32	3/16
OM488-3	5/16	3/32	OM488-19	13/16	3/16
OM488-4	11/32	3/32	OM488-20	27/32	3/16
OM488-5	3/8	3/32	OM488-21	7/8	3/16
OM488-6	13/32	1/8	OM488-22	29/32	3/16
OM488-7	7/16	1/8	OM488-23	15/16	3/16
OM488-8	15/32	1/8	OM488-24	31/32	3/16
OM488-9	1/2	1/8	OM488-25	1	3/16
OM488-10	17/32	1/8	OM488-26	1-1/16	3/16
OM488-11	9/16	1/8	OM488-27	1-1/8	3/16
OM488-12	19/32	1/8	OM488-28	1-3/16	3/16
OM488-13	5/8	1/8	OM488-29	1-1/4	3/16
OM488-14	21/32	3/16	OM488-30	1-5/16	1/4
OM488-15	11/16	3/16	OM488-31	1-3/8	1/4
OM488-16	23/32	3/16	OM488-32	1-1/2	1/4

Larger sizes available on request

### Counterbore (Pilot)

PART NUMBER	PILOT DIAMETER	SHANK DIAMETER	PART NUMBER	PILOT DIAMETER	SHANK DIAMETER
OM489A1	3/32	3/32	OM489B16	15/32	1/8
OM489A2	1/8	3/32	OM489B17	1/2	1/8
OM489A3	5/32	3/32	OM489B18	17/32	1/8
OM489A4	#21	3/32	OM489B19	9/16	1/8
OM489A5	3/16	3/32	OM489C5	3/16	3/16
OM489A6	#10	3/32	OM489C6	#10	3/16
OM489A7	7/32	3/32	OM489C7	7/32	3/16
OM489A8	1/4	3/32	OM489C8	1/4	3/16
OM489A9	F	3/32	OM489C9	F	3/16
OM489A10	9/32	3/32	OM489C10	9/32	3/16
OM489A11	5/16	3/32	OM489C11	5/16	3/16
OM489B2	1/8	1/8	OM489C12	11/32	3/16
OM489B3	5/32	1/8	OM489C13	3/8	3/16
OM489B4	#21	1/8	OM489C14	13/32	3/16
OM489B5	3/16	1/8	OM489C15	7/16	3/16
OM489B6	#10	1/8	OM489C16	15/32	3/16
OM489B7	7/32	1/8	OM489C17	1/2	3/16
OM489B8	1/4	1/8	OM489C18	17/32	3/16
OM489B9	F	1/8	OM489C19	9/16	3/16
OM489B10	9/32	1/8	OM489C20	19/32	3/16
OM489B11	5/16	1/8	OM489C21	5/8	3/16
OM489B12	11/32	1/8	OM489C22	21/32	3/16
OM489B13	3/8	1/8	OM489C23	11/16	3/16
OM489B14	13/32	1/8	OM489C24	23/32	3/16
OM489B15	7/16	1/8	OM489C25	3/4	3/16

Larger sizes available on request

Solid carbide and carbide-tipped counterbores, reverse countersinks, and reverse spotfacers are also available on request.

## Paint Cutters

Paint cutters are used to cut a circle in the paint that surrounds fastener heads so that paint does not blister and peel as countersink (flush) fasteners are removed. Sized to fit standard aircraft fastener heads. Color-coded for easy selection (same color/size relationship as decos).

### Paint Cutters

PART NUMBER	FASTENER SIZE	CUT CIRCLE DIAMETER	COLOR
PC4	3/32"	.187	Silver
PC6	1/8"	.254	Copper
PC8	5/32"	.281	Black
PC10	3/16"	.328	Brass
PC1/4	1/4"	.453	Copper

