

SABRE AIRCRAFT TOOLS

Piloted Double Margin Jobber Drills

NAS-937 • M35 **Cobalt** 135 Degree Split Point



Double margin drills have an additional margin ground behind the leading margin, providing twice the number of contact points. This second margin performs various functions to improve hole quality.

When the drill point penetrates enough for the second margin to contact the wall of the hole, the point is stabilized and true cylindrical geometry is established. Smooth accurate holes are produced and reaming can often be eliminated.

Part Number	Size	Drill Diameter	Pilot Diameter	Flute Length Inches	Pilot Length Inches	OAL Inches
SA144100	#30 x #40	.1285	.0980	1-5/8	1/4	2-3/4
SA144101	#27 x #40	.1440	.0980	1-7/8	1/4	3
SA144102	#21 x #40	.1590	.0980	2-5/16	1/4	3-1/4
SA144103	#21 x #30	.1590	.1285	2-1/8	1/4	3-1/4
SA144104	#20 x #40	.1610	.0980	2-1/8	1/4	3-1/4
SA144105	#20 x #30	.1610	.1285	2-1/8	1/4	3-1/4
SA144106	#16 x #40	.1770	.0980	2-3/16	1/4	3-3/8
SA144107	#16 x #30	.1770	.1285	2-3/16	1/4	3-3/8
SA144108	#13 x #40	.1850	.0980	2-5/16	1/4	3-1/2
SA144109	#13 x #30	.1850	.1285	2-5/16	1/4	3-1/2
SA144110	#13 x #21	.1890	.1590	2-5/16	1/4	3-1/2
SA144111	#12 x #40	.1890	.0980	2-5/16	1/4	3-1/2
SA144112	#12 x #30	.1890	.1285	2-5/16	1/4	3-1/2
SA144113	#12 x #21	.1890	.1590	2-5/16	1/4	3-1/2
SA144114	#11 x #40	.1910	.0980	2-5/16	1/4	3-1/2
SA144115	#11 x #30	.1910	.1285	2-5/16	1/4	3-1/2
SA144116	#11 x #21	.1910	.1590	2-5/16	1/4	3-1/2
SA144117	#10 x #40	.1935	.0980	2-3/4	1/4	3-5/8
SA144118	#10 x #30	.1935	.1285	2-7/16	1/4	3-5/8
SA144119	#10 x #21	.1935	.1590	2-3/4	1/4	3-5/8
SA144120	D x #13	.2460	.1850	2-3/4	5/16	4
SA144121	D x 3/16	.2460	.1875	2-3/4	5/16	4
SA144122	1/4 x #30	.2500	.1285	2-3/4	5/16	4
SA144123	1/4 x #21	.2500	.1590	2-3/4	5/16	4
SA144124	1/4 x #11	.2500	.1910	2-3/4	5/16	4
SA144125	1/4 x #10	.2500	.1935	2-3/4	5/16	4
SA144126	5/16 x 1/4	.3125	.2500	3-1/16	5/16	4
SA144127	3/8 x 1/4	.3750	.2500	3-5/8	3/8	5
SA144128	3/8 x 5/16	.3750	.3125	3-5/8	3/8	5

Other sizes available upon request.

Safety Precaution: Read and follow all safety and operating instructions.

WARNING: Face and eye protections must be worn while operating power tools, per ANSI B186.1

Products and specifications subject to change without prior notice.

www.sabretools.com • info@sabretools.com



SABRE AIRCRAFT TOOLS

Piloted Double Margin 6" Extension Drills

NAS-937 • M35 **Cobalt** 135 Degree Split Point



Double margin drills have an additional margin ground behind the leading margin, providing twice the number of contact points. This second margin performs various functions to improve hole quality.

When the drill point penetrates enough for the second margin to contact the wall of the hole, the point is stabilized and true cylindrical geometry is established. Smooth accurate holes are produced and reaming can often be eliminated.

Part Number	Size	Drill Diameter	Pilot Diameter	Flute Length Inches	Pilot Length Inches	OAL Inches
SA145100	#30 x #40	.1285	.0980	1-5/8	1/4	6
SA145101	#27 x #40	.1440	.0980	1-7/8	1/4	6
SA145102	#21 x #40	.1590	.0980	2-5/16	1/4	6
SA145103	#21 x #30	.1590	.1285	2-1/8	1/4	6
SA145104	#20 x #40	.1610	.0980	2-1/8	1/4	6
SA145105	#20 x #30	.1610	.1285	2-1/8	1/4	6
SA145106	#16 x #40	.1770	.0980	2-3/16	1/4	6
SA145107	#16 x #30	.1770	.1285	2-3/16	1/4	6
SA145108	#13 x #40	.1850	.0980	2-5/16	1/4	6
SA145109	#13 x #30	.1850	.1285	2-5/16	1/4	6
SA145110	#13 x #21	.1890	.1590	2-5/16	1/4	6
SA145111	#12 x #40	.1890	.0980	2-5/16	1/4	6
SA145112	#12 x #30	.1890	.1285	2-5/16	1/4	6
SA145113	#12 x #21	.1890	.1590	2-5/16	1/4	6
SA145114	#11 x #40	.1910	.0980	2-5/16	1/4	6
SA145115	#11 x #30	.1910	.1285	2-5/16	1/4	6
SA145116	#11 x #21	.1910	.1590	2-5/16	1/4	6
SA145117	#10 x #40	.1935	.0980	2-3/4	1/4	6
SA145118	#10 x #30	.1935	.1285	2-7/16	1/4	6
SA145119	#10 x #21	.1935	.1590	2-3/4	1/4	6
SA145120	D x #13	.2460	.1850	2-3/4	5/16	6
SA145121	D x 3/16	.2460	.1875	2-3/4	5/16	6
SA145122	1/4 x #30	.2500	.1285	2-3/4	5/16	6
SA145123	1/4 x #21	.2500	.1590	2-3/4	5/16	6
SA145124	1/4 x #11	.2500	.1910	2-3/4	5/16	6
SA145125	1/4 x #10	.2500	.1935	2-3/4	5/16	6
SA145126	5/16 x 1/4	.3125	.2500	3-1/16	5/16	6
SA145127	3/8 x 1/4	.3750	.2500	3-5/8	3/8	6
SA145128	3/8 x 5/16	.3750	.3125	3-5/8	3/8	6

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