

Commonly Used Drill Sizes

Drill Size	Decimal (inch)	Notes
1/16	0.0625	Safety Wire
3/32	0.0938	Pilot Holes for #40
40	0.0980	3/32" Rivets
1/8	0.1250	Pilot Holes for #30
30	0.1285	1/8" Rivets
27	0.1440	#6 Screws
5/32	0.1562	Pilot Holes for #21
21	0.1590	5/32" Rivets
19	0.1660	#8 Screws
3/16	0.1875	Pilot Holes for #12, #11 or #10
12	0.1890	3/16" Rivets
11	0.1910	3/16" Bolts
10	0.1935	3/16" Bolts in UHMW Plastic
1/4	0.2500	1/4" Bolts

Rivet Operating Pressures

Rivet Type	Pressure (psi)	Duration (sec.)
426 Rivets		
AN426AD3-3 to 3-4	34	1
AN426AD3-4.5 to 3-5	37	1 ½
AN426AD3-6 plus	40	1 ½
AN426AD4-4 to 4-5	45	1
AN426AD4-6 to 4-9	50	1 ½ to 2
470 Rivets		
AN470AD4-4 to 4-5	60	1
AN470AD4-6 to 4-7	60	1 ½
AN470AD4-8 to 4-9	75	1 ½
AN470AD4-9 plus	80	1 ½ to 2