Rivet Drill Size Chart

Drill and hole size for blind (pop) rivets and rivet nuts · inch and metric

RIVET (INCH)	DRILL	DRILL SIZE	HOLE RANGE
1/8"	#30	0.1285"	.129-.133"
5/32"	#20	0.161"	.160-.164"
3/16"	#11	0.191"	.192-.196"
1/4"	F	0.257"	.257-.261"

RIVET (METRIC)	DRILL	RIVET (METRIC)	DRILL
2.4 mm	2.5 mm	4.8 mm	4.9 mm
3 mm	3.1 mm	5 mm	5.1 mm
3.2 mm	3.3 mm	6 mm	6.1 mm
4 mm	4.1 mm	6.4 mm	6.5 mm

RIVET NUT THREAD	THICK-WALL FLATHEAD	RIBBED LARGE FLANGE
6-32	#12	17/64"
8-32	#2	17/64"
10-24	1/4"	19/64"
10-32	1/4"	19/64"
1/4-20	Q	25/64"
5/16-18	Z	17/32"
3/8-16	1/2"	17/32"
M4 x 0.7	-	6.75 mm
M5 x 0.8	-	7.60 mm
M6 x 1.0	-	10.00 mm
M8 x 1.25	-	13.50 mm
M10 x 1.5	-	13.50 mm

Inch rivets and rivet nuts: the Marson catalog (Howmet Fastening Systems), Klik-Fast steel rivets and the MRN and MLR rivet nut series. Metric rivets: GESIPA standard dome head.

A hole too small won't take the rivet. One too big can let the rivet or joint fail. Marson lists each drill with the hole range it should leave.