

Catalog
Fasteners &
Install Tools

Rivet Nuts,
Rivets, &
Lockbolts

Threaded Inserts
& Electronic
Fasteners

Custom
Precision
Machining

Packaging &
Assembly

Stamping
& Metal Fab

ISO 9001 CERTIFIED
LEVEL 3 PPAP's

2026



CardinalComponents.com

RIVET NUT USA™
a division of Cardinal Components, Inc
RivetNutUSA.com

Supplier of Fasteners,
Tools, Custom Metal
Parts, & Assemblies

One Stop Shop for
All Your Fastening Needs:

Rivet Nuts & Plusnuts

Rivets & Lockbolts

Threaded Inserts

Fasteners for Electronics

Custom Machined Components

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
44						1	2
45	3	4	5	6	7	8	9
46	10	11	12	13	14	15	16
47	17	18	19	20	21	22	23
48	24	25	26	27	28	29	30

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
49	1	2	3	4	5	6	7
50	8	9	10	11	12	13	14
51	15	16	17	18	19	20	21
52	22	23	24	25	26	27	28
1	29	30	31				

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1				1	2	3	4
2	5	6	7	8	9	10	11
3	12	13	14	15	16	17	18
4	19	20	21	22	23	24	25
5	26	27	28	29	30	31	

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
5							1
6	2	3	4	5	6	7	8
7	9	10	11	12	13	14	15
8	16	17	18	19	20	21	22
9	23	24	25	26	27	28	

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
9							1
10	2	3	4	5	6	7	8
11	9	10	11	12	13	14	15
12	16	17	18	19	20	21	22
13	23/30	24/31	25	26	27	28	29

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
14			1	2	3	4	5
15	6	7	8	9	10	11	12
16	13	14	15	16	17	18	19
17	20	21	22	23	24	25	26
18	27	28	29	30			

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
18					1	2	3
19	4	5	6	7	8	9	10
20	11	12	13	14	15	16	17
21	18	19	20	21	22	23	24
22	25	26	27	28	29	30	31

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
23	1	2	3	4	5	6	7
24	8	9	10	11	12	13	14
25	15	16	17	18	19	20	21
26	22	23	24	25	26	27	28
27	29	30					

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
27			1	2	3	4	5
28	6	7	8	9	10	11	12
29	13	14	15	16	17	18	19
30	20	21	22	23	24	25	26
31	27	28	29	30	31		

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
31						1	2
32	3	4	5	6	7	8	9
33	10	11	12	13	14	15	16
34	17	18	19	20	21	22	23
35	24/31	25	26	27	28	29	30

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
36		1	2	3	4	5	6
37	7	8	9	10	11	12	13
38	14	15	16	17	18	19	20
39	21	22	23	24	25	26	27
40	28	29	30				

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
40				1	2	3	4
41	5	6	7	8	9	10	11
42	12	13	14	15	16	17	18
43	19	20	21	22	23	24	25
44	26	27	28	29	30	31	

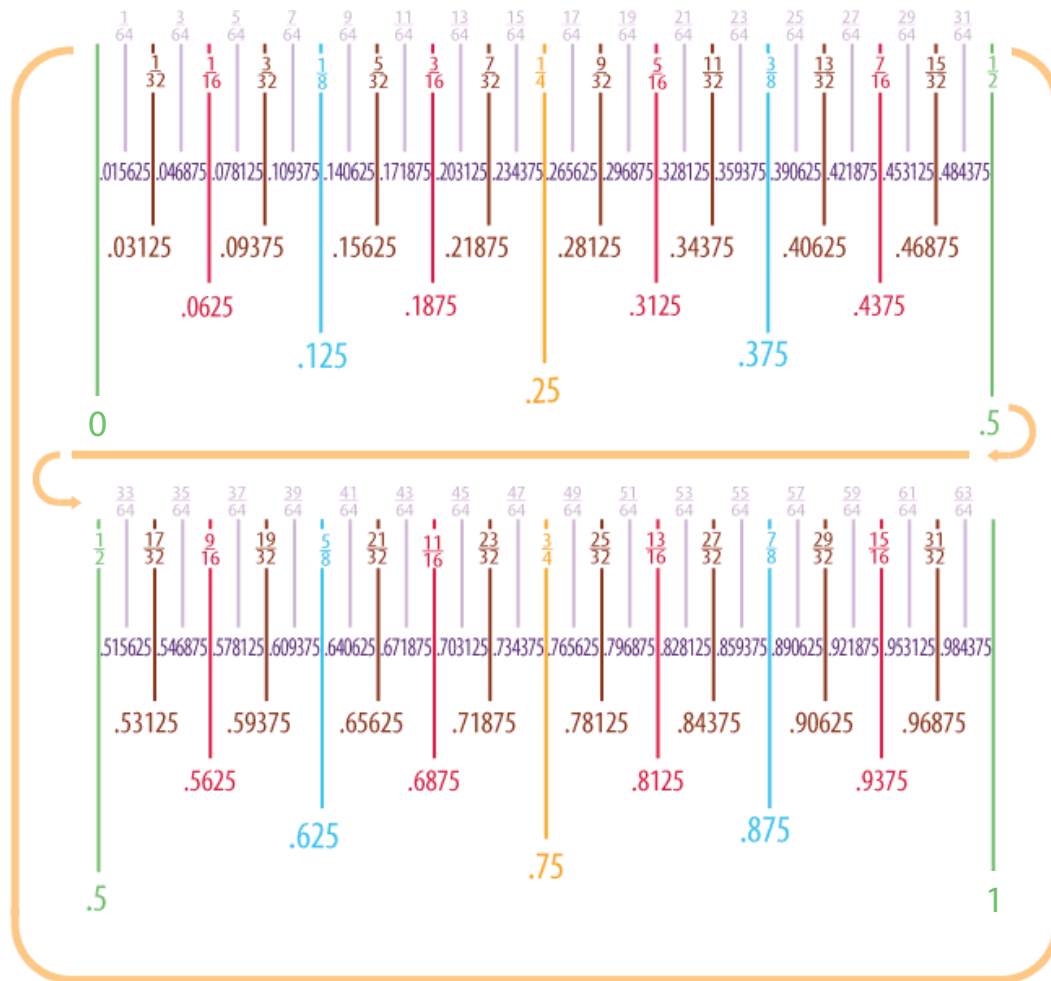
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51	14	15	16	17	18	19	20
52	21	22	23	24	25	26	27
1	28	29	30	31			

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
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2	4	5	6	7	8	9	10
3	11	12	13	14	15	16	17
4	18	19	20	21	22	23	24
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Fasteners & Tools:
800.236.3200 | sales@rivetnutusa.com

Custom Metal & Assemblies:
262.252.2300 | sales@cardinalcomponents.com



Calculating Material Weight

Material	Density (lb/in³)						
Steel	0.2833	times	Length	times	Width	times	Thickness
Aluminum	0.0975						
Brass / Bronze	0.315						
Example:	0.2833	x	12.75	x	3.625	x	0.25 = 3.27 lbs

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Decimals

Thousands	Hundreds	Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths	Ten Thousandths
1	2	5	2	.	2	3	0	0

Sheet Metal Gage Thickness

Gage No.	Steel
3	0.2391
4	0.2242
5	0.2092
6	0.1943
7	0.1793
8	0.1644
9	0.1495
10	0.1345
11	0.1196
12	0.1046
13	0.0897
14	0.0747
15	0.0673
16	0.0598
17	0.0538
18	0.0478
19	0.0418
20	0.0359
21	0.0329
22	0.0299
23	0.0269
24	0.0239
25	0.0209
26	0.0179
27	0.0164
28	0.0149

Millimeters to Decimal

Millimeter	Decimal
Metric	Inches
1.00 mm	= 0.039"
2.00 mm	= 0.079"
3.00 mm	= 0.118"
4.00 mm	= 0.157"
5.00 mm	= 0.197"
6.00 mm	= 0.236"
7.00 mm	= 0.276"
8.00 mm	= 0.315"
9.00 mm	= 0.354"
10.00 mm	= 0.394"
11.00 mm	= 0.433"
12.00 mm	= 0.472"
13.00 mm	= 0.512"
14.00 mm	= 0.551"
15.00 mm	= 0.591"



Formulas

Inches times 25.4 = mm

mm divided by 25.4 = Inches

Pi = 3.14

Area = 3.14 (Pi) times the Radius squared

Circumference = Diameter times 3.14

Average Diameter of an Oval =

Length plus Width divided by 2

Area of an Oval = Longest Diameter times

Shortest Diameter times .7854

Conversion Chart

US Units	Multiplier	Metric Units	Multiplier
Inches	2.5400	Centimeters	0.3937
Feet	0.3048	Meters	3.2808
Gallons	3.7854	Liters	0.2642
Pounds	0.4536	Kilograms	2.2046

Stop Mousing Around: A Handy, Dandy Guide to Helpful Keystrokes

Keystroke Shortcuts

- ALT + 0216 = Ø
- ALT + 0176 = °
- ALT + 0177 = ±
- ALT + 0247 = ÷
- ALT + 0162 = ¢
- ALT + 0169 = ©
- ALT + 0174 = ®
- ALT + 0153 = ™
- Ctrl + C = copy text
- Ctrl + X = cut text
- Ctrl + V = paste copied text
- Ctrl + Z = undo (previous action)
- Ctrl + Y = redo (previous action)
- Ctrl + B = bold text
- Ctrl + I = italicize text
- Ctrl + F = find text



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Product Assembly