

# Nail Size Chart

**Tip:** Set your PDF viewer to "Actual size" before printing to maintain scale.

## Common Nail Penny Sizes

Penny Size	Length (inches)	Common Gauge	Box Nail Gauge	Finish Nail Gauge	Typical Application
4d	1-1/2"	12-1/2	14	15-16	Light trim, small projects
6d	2"	11-1/2	12-1/2	13	Trim, light framing
8d	2-1/2"	10-1/4	11-1/2	12-1/2	Framing, sheathing
10d	3"	9	10-1/2	11-1/2	Framing, construction
12d	3-1/4"	9	10-1/2	11-1/2	Heavy framing
16d	3-1/2"	8	10	11	Most common framing nail
20d	4"	6	9	10	Heavy framing, timber
30d	4-1/2"	5	9	-	Large timber connections
40d	5"	4	8	-	Heavy structural work
60d	6"	2	-	-	Post and beam framing

## Wire Gauge Reference

Wire Gauge	Diameter (inches)	Nail Type	Characteristics
23ga	0.025"	Headless pins	Nearly invisible, delicate work
18ga	0.048"	Brad nails	Small trim, won't split thin wood
16ga	0.063"	Finish nails (small)	Light trim, molding
15ga	0.072"	Finish nails, angled	Standard finish work, cabinetry
13ga	0.092"	Finish nails (large)	Heavy trim, hardwoods
11ga	0.121"	Box nails, siding	Light framing, reduces splitting
10ga	0.135"	Sinker, box nails	Framing, sheathing
8ga	0.165"	Common nails (16d)	Standard framing nail
6ga	0.207"	Common nails (20d-40d)	Heavy framing
2ga	0.283"	Large spikes (60d)	Timber framing, railroad spikes

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