



## Everything You Wanted To Know About Nails...

### Penny-Inch Nail Equivalents

2d = 1"	12d = 3-1/4"
3d = 1-1/4"	16d = 3-1/2"
4d = 1-1/2"	20d = 4"
5d = 1-3/4"	30d = 4-1/2"
6d = 2"	40d = 5"
7d = 2-1/4"	50d = 5-1/2"
8d = 2-1/2"	60d = 6"
9d = 2-3/4"	70d = 7"
10d = 3"	80d = 8"

	Nail Gauge	Decimal Equivalent	Nearest Inch
<b>Nail Specifications</b>	5-1/2	.220	13/64"
	7	.177	11/64"
	9	.1483	5/32"
	10	.135	9/64"
	11	.1205	1/8"
	11-1/2	.115	7/64"+
	12	.1055	7/64"-
	12-1/2	.099	3/32"+
	13	.0915	3/32"-
	14	.080	5/64"+
	14-1/2	.076	5/64"-
	16-1/2	.058	1/16"

### Origin of "PENNY-WISE" Nail Designations

There are two explanations for the English "penny" system of designating nail lengths. One is that the eight penny, six penny, two penny nails, etc. were so-called originally because one hundred nails cost eightpence, sixpence, twopence, etc. The other theory says that one thousand eight penny nails, for example, weighed eight pounds, one thousand four penny nails weighed four pounds, etc.

The "d" abbreviation for penny (8d for example) is of ancient origin and represents the first letter of the Roman coin denarius.

Nails used for wood-to-wood applications (such as wood siding nails, cedar shingle nails, etc.) are traditionally referred to by the "penny" designation, i.e., 5d or 6d nails, etc. However, nails for non-wood applications, fiber-cement siding nails, metal roofing nails, etc. are primarily referred to by inches, i.e., 1-1/2" or 2" nails, etc.

There is no readily apparent system for correlating the various penny designations. They must be memorized individually.

### Hand-Driven Nails For Decking & Trim

#### Stormguard® Pressure Treated Lumber "P.T.L."® Nails

These nails are made from stiffer stock steel so the shanks can be smaller in diameter to help reduce wood splitting without bending. Ring and spiral shanks provide exceptional holding power. Producers of treated lumber and many building codes specify hot-dip galvanized or stainless steel nails because they have a rust-free life expectancy comparable to that of the treated lumber. Maze STORM-GUARD® "P.T.L." Nails are double-dipped in molten zinc.



Mfg. No.	Plain Shank	Length	Gauge	Head	Nls/Lb.
T445		2"	11	9/32"	137
T447		2-1/2"	11	9/32"	111
T449		3"	10	9/32"	75
T4490		3-1/4"	10	9/32"	69
T4491		3-1/2"	9	5/16"	54
T4492		4"	7	3/8"	33
T4493		4-1/2"	7	3/8"	29
T4494		5"	5-1/2	15/32"	22
T4496		6"	5-1/2	15/32"	18



Mfg. No.	Ring Shank	Length	Gauge	Head	Nls/Lb.
T445-A		2"	11	9/32"	137
T447-A		2-1/2"	11	9/32"	111
T449-A		3"	10	9/32"	75
T4490-A		3-1/4"	10	9/32"	69
T4491-A		3-1/2"	9	5/16"	54
T4492-A		4"	7	3/8"	33
T4493-A		4-1/2"	7	3/8"	29
T4494-A		5"	5-1/2	15/32"	22
T4496-A		6"	5-1/2	15/32"	18



Mfg. No.	Spiral Shank	Length	Gauge	Head	Nls/Lb.
T445-S		2"	11	9/32"	137
T447-S		2-1/2"	11	9/32"	111
T449-S		3"	10	9/32"	75
T4490-S		3-1/4"	10	9/32"	69
T4491-S		3-1/2"	9	5/16"	54
T4492-S		4"	7	3/8"	33
T4493-S		4-1/2"	7	3/8"	29
T4494-S		5"	5-1/2	15/32"	22
T4496-S		6"	5-1/2	15/32"	18

### Stormguard® Small Head "PTL"® Nails

These small-headed "PTL"® Nails are less noticeable - resulting in a more finished look. A slimmer shank made from extra-stiff wire drives easier in treated lumber and causes fewer splits especially on redwood and cedar decks. Spiral shanks hold tighter than smooth shank nails. Double dipped in molten zinc.



Mfg. No.	Spiral Shank	Length	Gauge	Head	Nls/Lb.
T57-S		2-1/2"	12	3/16"	146
T59-S		3"	11	7/32"	98
T591-S		3-1/2"	11	7/32"	82

### Zinclad® Screws For Decking, Etc.

These case-hardened screws are hot-dipped in molten zinc to meet the specifications of producers of wood treatment chemicals. Excellent for a wide variety of outdoor uses such as decks, boat docks, steps, patios, furniture, fences, flower boxes, or any project where long-term corrosion-resistance and exceptional holding power are required. #2 Phillips head screw.



Mfg. No.	Length	Gauge	Head	Nls/Lb.
DZ163	1-5/8"	#6	11/32"	180
DZ200	2"	#8	11/32"	117
DZ250	2-1/2"	#8	11/32"	100
DZ300	3"	#8	11/32"	90

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