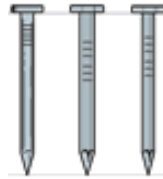




Nails



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Strong-Tie nails and structural fasteners have been developed as the optimum fasteners for connector products. Special lengths afford economy of purchase and installation, and depth compatibility with framing members. Nail specifications include head size, thickness, steel and shank design, and point configuration to ensure conformity to published values.

For pneumatic nail use, see [General Instructions for the Installer](#). Please also see the [Conversion Guide](#) and the [Fastening Identification Guide](#).

To Order Stainless Steel :

Stainless Steel Model Number	Nail Size	bulk / 1 lb. (D)
SS10D	10d	bulk
SS10DD	10d	1 lb.
SS16D	16d	bulk
SS8D	8d	bulk
SSN10	N10	bulk
SSN10D	N10	1 lb.
SSN8	N8	bulk

SSN8D

N8

1 lb.

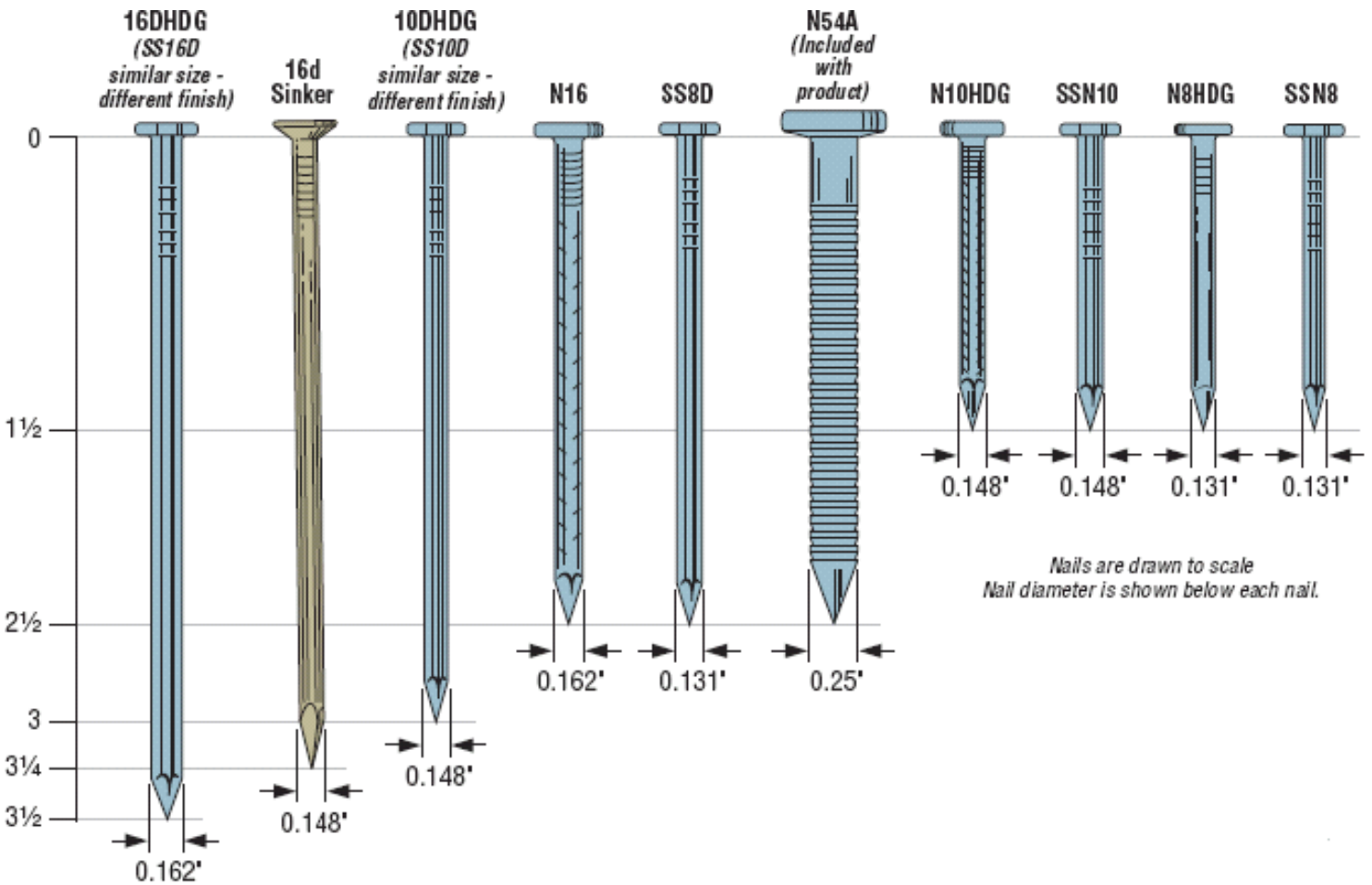
To Order Display Packages :

Display Packages available for **N8DHDG, N10DHDG, 10DHDG and 16DHDG** nails.
To order, specify:

Display Package	Description
N8DHDG MSTR CTN	24 display packs of 150 N8 nails
N8D5HDG MSTR CTN	6 display packs of 750 N8 nails
N10DHDG MSTR CTN	24 display packs of 120 N10 nails
N10D5HDG MSTR CTN	6 display packs of 600 N10 nails
10DHDG MSTR CTN	24 display packs of 50 10d nails
10D5HDG MSTR CTN	6 display packs of 250 10d nails
16DHDG MSTR CTN	24 display packs of 40 16d nails
16D5HDG MSTR CTN	6 display packs of 200 16d nails
50 lb. Bulk Boxes	Available for N8HDG and N10HDG Model no. N8, N10

[top](#) **Gallery:**

See [T-NAILGUIDE](#) for more information



The Simpson Strong-Tie Hot-Dipped Galvanized nails are now packed in 1 lb. and 5 lb. plastic tubs for easy handling.



5 lb. Plastic Retail Tub



1 lb. Clamshell Retail Tub



Nail info on N8HDG, N10HDG and N16 similar nail heads (N10HDG shown)



On all stainless steel nail heads

[top](#) **Load Adjustment Factors:**
for optional nails used with face mount hangers and straight straps

Catalog Nail	Replacement	Allowable Load Adjustment Factor	
		Face Mount Hangers	Straight Straps
16d common (0.162x3½")	10dx1½ (0.148x1½")	0.64	0.64
16d common (0.162x3½")	10d common (0.148x3") 12d common (0.148x3¼")	0.85	0.85
16d common (0.162x3½")	16d sinker (0.148x3¼")	0.85	0.85
16d common (0.162x3½")	16dx2½ (N16) (0.162x2½")	1.00	1.00
10d common (0.148x3") 12d common (0.148x3¼") 16d sinker (0.148x3¼")	10dx1½ (0.148x1½")	0.77	1.00
10d common (0.148x3") 16d sinker (0.148x3¼")	10dx1¼ (0.148x1¼")	0.64	1.00
10d common (0.148x3") 12d common (0.148x3¼")	16d sinker (0.148x3¼")	1.00	1.00
8d common (0.131x2½")	8dx1½ (0.131x1½")	0.86	0.77
10d common (0.148x3")	8dx2½ (0.131x2½")	0.83	0.83

- 10dx1 1/2" or 16dx2 1/2" nails **may not** be substituted for joist nails in double-shear hangers (i.e. LUS, MUS, HUS, HHUS, HGUS). Contact factory for exceptions.
- Do not substitute 10dx1 1/2" nails for face nails on slope and skew combinations or skewed only LSU and LSSU.
- For straps installed over sheathing 1 1/2" nails should not be used.
- This table does not apply to specials (see Hanger Options), or steel thicker than 10 gauge. Face mount hangers joist and face nails (except as noted) and straight straps may be installed with alternate nails. Use this table to determine the load adjustment factor.

[top](#) **Load Table:**

These products feature additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson for details.

Nail Type	Description	Wire Gauge (ga)	Metric Equivalent (mm)	Finish ²	Fasteners per CWT
N8HDG	(8d) 0.131 x 1½" Smooth Shank	10¼	3.3 x 38.1	HDG	15200
SSN8	(8d) 0.131 x 1½" Smooth Shank	10¼	3.3 x 38.1	SS	15200
SS8D	(8d) 0.131 x 2½" Smooth Shank	10¼	3.3 x 63.5	SS	9400
8d common	(8d) 0.131 x 2½" Smooth Shank	10¼	3.3 x 63.5	BRIGHT	9400
N10HDG	(10d) 0.148 x 1½" Smooth Shank	9	3.8 x 38.1	HDG	11900
SSN10	(10d) 0.148 x 1½" Smooth Shank	9	3.8 x 38.1	SS	12200
SS10D	(10d) 0.148 x 3" Smooth Shank	9	3.8 x 76.2	SS	6700
10d common	(10d) 0.148 x 3" Smooth Shank	9	3.8 x 76.2	BRIGHT	6700
10DHDG	(10d) 0.148 x 3" Smooth Shank	9	3.8 x 76.2	HDG	6700
16d sinker	0.148 x 3¼" Smooth Shank	9	3.8 x 82.6	GV	6100
12d common	0.148 x 3¼" Smooth Shank	9	3.8 x 82.6	BRIGHT	6100
N16	(16d) 0.162 x 2½" Smooth Shank	8	4.1 x 63.5	BRIGHT	6300
SS16D	(16d) 0.162 x 3½" Smooth Shank	8	4.1 x 88.9	SS	4400
16d common	(16d) 0.162 x 3½" Smooth Shank	8	4.1 x 88.9	BRIGHT	4400
16DHDG	(16d) 0.162 x 3½" Smooth Shank	8	4.1 x 88.9	HDG	4400
N54A	0.250 x 2½" Annular Ring	3	6.4 x 63.5	BRIGHT	2700
N54AHDG	0.250 x 2½" Annular Ring	3	6.4 x 63.5	HDG	2700

- N16 fasteners may be ordered electro-galvanized; specify EG; for example N16EG. This finish is not acceptable for ZMAX® or HDG applications.
- HDG = hot-dip galvanized; SS = stainless steel; Bright = no finish; GV = Green vinyl.
- Metric equivalents are listed Diameter x Length.
- The 8d common, 10d common (bright), 12d common, 16d common (bright), and 16d sinker nails are for reference only. Simpson does not sell these nails. All other nails are available through Simpson.
- For pneumatic fastener info, see [additional technical information](#).
- Recommended minimum end distance to prevent splitting is 10 x the nail diameter per 97 NDS Commentary Table C12.4.1.
- Use HDSG nails with ZMAX® and HDG products.
- 16d sinker with GV finish is not acceptable for ZMAX® or HDG applications.
- HDG nails sold by Simpson meet the specifications of ASTM A153.

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Code Reports (PDFs) See table above for specific product code references

- **Code Ref. 170:** No code listing
 - Please [contact us](#) for test data.

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Drawings To download drawings, right-click or Ctrl-click on the link, then choose "Save Target As..."

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DWG

Orthographic

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DXF

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