

Finish <sup>3,7</sup>	Size	MiTek Stock No. <sup>7</sup>	Ref. No.	Dimensions (in)		Nails Per Lb.	DF/SP Allowable Shear per Nail (Lbs.) <sup>1,2,4,5</sup>									Withdrawal Load (Lbs/in) <sup>6</sup>
				Nail Diameter	Length		Steel Gauge									
							3	7	10	12	14	16	18	20	22	
HDG	8d x 1-1/2	NA11	N8	0.131	1-1/2	152	--	--	--	--	--	96	95	94	94	32
	10d x 1-1/2	NA9D	N10	0.148	1-1/2	100	--	--	139	127	119	116	114	114	113	36
	10d Common	N10C	10DHDG	0.148	3	70	--	158	139	127	119	116	114	114	113	36
	16d x 2-1/2	NA16D	N16, N16EG	0.162	2-1/2	66	194	181	161	149	141	138	137	136	--	40
	16d Common	N16C	16DHDG	0.162	3-1/2	48	194	181	161	149	141	138	137	136	--	40
	20d x 2-1/2	NA20D	--	0.192	2-1/2	41	234	207	187	175	168	--	--	--	--	47
GC	8d x 1-1/2	N8-GC	--	0.131	1-1/2	152	--	--	--	--	--	96	95	94	94	32
	10d x 1-1/2	N10-GC	--	0.148	1-1/2	118	--	--	139	127	119	116	114	114	113	36
	10d Common	N10C-GC	--	0.148	3	70	--	158	139	127	119	116	114	114	113	36
	16d Common	N16C-GC	--	0.162	3-1/2	48	194	181	161	149	141	138	137	136	--	40
SS <sup>8</sup>	8d x 1-1/2	SSNA8D	SSN8	0.131	1-1/2	147	--	--	--	--	--	96	95	94	94	32
	10d x 1-1/2	SSNA10D	SSN10	0.148	1-1/2	126	--	--	139	127	119	116	114	114	113	24
	8d Common	SSN8C	SS8D	0.131	2-1/2	94	--	--	--	--	99	96	95	94	94	22
	10d Common	SSN10C	SS10D	0.148	3	67	--	158	139	127	119	116	114	114	113	24
	16d Common	SSN16C	SS16D	0.162	3-1/2	44	194	181	161	149	141	138	137	136	136	27
Bright	8d Common	8d Common	--	0.131	2-1/2	126	--	--	--	--	99	96	95	94	94	32
	10d Common	10d Common	--	0.148	3	70	--	158	139	127	119	116	114	114	113	36
	16d Sinker	16d Sinker	--	0.148	3-1/4	60	162	158	139	127	119	116	114	114	--	36
	16d Ring Shank	NA16D-RS	--	0.148	3-1/2	57	183	168	150	--	--	--	--	--	--	36
	16d Common	16d Common	--	0.162	3-1/2	48	194	181	161	149	141	138	137	136	--	40
	20d Common	20d Common	--	0.192	4	29	234	207	187	175	168	--	--	--	--	47

1) Loads are calculated to specifications of Part 12 of the National Design Specifications for Wood Construction (NDS®), 2018 Edition.

2) Loads apply to Douglas Fir (G=0.50) and Southern Pine (G=0.55). For Spruce-Pine-Fir (G=0.42) multiply above values by 0.86. For other wood types refer to NDS or consult MiTek.

3) HDG = Hot-Dip Galvanized; SS = Stainless Steel; GC = Gold Coat; Bright = No Finish.

4) For 3 gauge steel with Fu=58,000 psi and 7 gauge thru 22 gauge steel with Fu=45,000 psi. Shear values assumes full penetration of at least 10 nail diameters.

5) Fastener values may be increased for duration of load.

6) Withdrawal loads are in pounds (lbs) per linear inch of embedment into main member.

7) Bright finish common and sinker nails are listed in table for reference only. MiTek does not stock these type nails.

8) Stainless steel 8d x 1-1/2 nails are ring shank. Other stainless steel nail sizes in table are smooth shank, and withdrawal values are in accordance with Table 12.2D of the 2018 NDS.