Finish[3,7]	Size	MiTek Stock No.[7]	Ref. No.	Dimensions (in)		Nails Per Lb.	DF/SP Allowable Shear per Nail (Lbs.)[1,2,4,5]									Withdrawal Load (Lbs/in)[6]
				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	--	--	--	--	--	98	96	95	95	31
	10d x 1-1/2	NA9D	N10	0.148	1-1/2	100	--	--	147	133	122	118	116	115	114	35
	10d Common	N10C	10DHDG	0.148	3	70	--	161	147	133	122	118	116	115	114	36
	16d x 2-1/2	NA16D	N16, N16EG	0.162	2-1/2	66	194	193	169	155	144	140	138	137	--	39
	16d Common	N16C	16DHDG	0.162	3-1/2	48	194	193	169	155	144	140	138	137	--	39
	20d x 2-1/2	NA20D	--	0.192	2-1/2	41	234	220	196	181	171	--	--	--	--	46
GC	8d x 1-1/2	N8-GC	--	0.131	1-1/2	152	--	--	--	--	--	98	96	95	95	31
	10d x 1-1/2	N10-GC	--	0.148	1-1/2	118	--	--	147	133	122	118	116	115	114	35
	10d Common	N10C-GC	--	0.148	3	70	--	161	147	133	122	118	116	115	114	36
	16d Common	N16C-GC	--	0.162	3-1/2	48	194	193	169	155	144	140	138	137	--	39
SS[8]	8d x 1-1/2	SSNA8D	SSN8	0.131	1-1/2	147	--	--	--	--	--	98	96	95	95	31
	10d x 1-1/2	SSNA10D	SSN10	0.148	1-1/2	126	--	--	147	133	122	118	116	115	114	24
	8d Common	SSN8C	SS8D	0.131	2-1/2	94	--	--	--	--	102	98	96	95	95	21
	10d Common	SSN10C	SS10D	0.148	3	67	--	161	147	133	122	118	116	115	114	24
	16d Common	SSN16C	SS16D	0.162	3-1/2	44	194	193	169	155	144	140	138	137	--	26
Bright	8d Common	8d Common	--	0.131	2-1/2	126	--	--	--	--	102	98	96	95	95	32
	10d Common	10d Common	--	0.148	3	70	--	161	147	133	122	118	116	115	114	36
	16d Sinker	16d Sinker	--	0.148	3-1/4	60	162	161	147	133	122	118	116	115	--	36
	16d Ring Shank	NA16D-RS	--	0.148	3-1/2	57	183	180	158	--	--	--	--	--	--	36
	16d Common	16d Common	--	0.162	3-1/2	48	194	193	169	155	144	140	138	137	--	40
	20d Common	20d Common	--	0.192	4	29	234	220	196	181	171	--	--	--	--	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=55,000 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.