

Nail Penny	Wire Gauge	Shank Diameter (inches)	Minimum Penetration for Full Shear Load (inches)	Minimum Penetration for Reduced Shear Load² (inches)
6d	11-1/2	.113	1.13	0.68
8d	10-1/4	.131	1.31	0.79
10d	9	.148	1.48	0.89
12d	9	.148	1.48	0.89
16d Sinker	9	.148	1.48	0.89
16d	8	.162	1.62	0.97
20d	6	.192	1.92	1.15

- 1) Less than the specified nail penetration shall be multiplied by the applicable adjustment factor.
- 2) For penetration less than this distance, the nail has no value.
- 3) Penetrations are derived according to the 2015 NDS®.