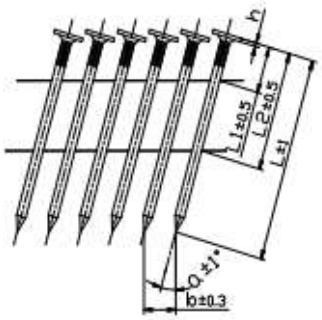
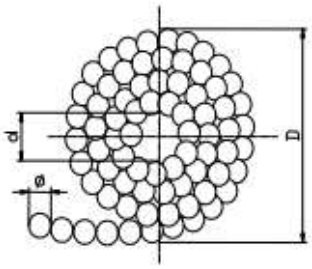
National Nail Corp.

Specifications - Coiled Roof





D	3.7402" +/-1.575
d	1.1024" +/-.0787
b	.3280" +/-.0118
h	.0276" +/-.0039
a (Angle)	16° +/-1°
L1	.2756" -.3150"
L2	.5984" -.6299"
Φ (Head)	.3543" -.3937"

Diamond point, Flat head, ring shank, galvanized HDG or EG

ASTM F 1667-05 Table 29 Type 1, Style 20 - Roofing Nails

Length	length	Min	Max
3/4"	0.750	0.719	0.781
7/8"	0.875	0.844	0.906
1"	1.000	0.969	1.031
1 1/4"	1.250	1.188	1.313
1 1/2"	1.500	1.438	1.563
1 3/4"	1.750	1.688	1.813
2"	2.000	1.938	2.063
2 1/2"	2.500	2.407	2.594
3"	3.000	2.907	3.094

Diameter	Min	Max
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124
0.120	0.116	0.124

Head	Min	Max
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375
0.375	0.338	0.375

- Material: Steel wire (low-carbon, medium-low carbon, medium-carbon) (Unhardened)
- Length measured under the head, length tolerance, +/- 1/16"(1.5875mm) 1" to 2 ½", +/- 3/32" (2.3813mm) over 2 ½"
- Nominal head diameter is the mean of two readings 90 degrees apart.
- Head diameter tolerance, +/- 10% of nominal head diameter, the difference between the long axis and the short axis cannot exceed 20% of the short axis.
- Fasteners must be true to shape, well finished, free from imperfections, clean, free of corrosion.

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Length length Min Max Diameter Min Max Head Min Max

3/4" 0.750 0.719 0.781 0.120 0.116 0.124 0.375 0.338 0.375 7/8" 0.875 0.844 0.906 0.120 0.116 0.124 0.375 0.338 0.375 1" 1.000 0.969 1.031 0.120 0.116 0.124 0.375 0.338 0.375 1 1/4" 1.250 1.188 1.313 0.120 0.116 0.124 0.375 0.338 0.375 1 1/2" 1.500 1.438 1.563 0.120 0.116 0.124 0.375 0.338 0.375 1 3/4" 1.750 1.688 1.813 0.120 0.116 0.124 0.375 0.338 0.375 2" 2.000 1.938 2.063 0.120 0.116 0.124 0.375 0.338 0.375 2 1/2" 2.500 2.407 2.594 0.120 0.116 0.124 0.375 0.338 0.375 3" 3.000 2.907 3.094 0.120 0.116 0.124 0.375 0.338 0.375

- Material: Steel wire (low-carbon, medium-low carbon, medium-carbon) (Unhardened) - Length measured under the head, length tolerance, +/- 1/16”(1.5875mm) 1” to 2 1⁄2”, +/- 3/32” (2.3813mm) over 2 1⁄2” - Nominal head diameter is the mean of two readings 90 degrees apart. - Head diameter tolerance, +/- 10% of nominal head diameter, the difference between the long axis and the short axis cannot exceed 20% of the short axis. - Fasteners must be true to shape, well finished, free from imperfections, clean, free of corrosion.

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