

A-A-1958
March 17, 1983

COMMERCIAL ITEM DESCRIPTION

NAIL (COMMON)

The General Services Administration has authorized the use of this commercial item description in preference to type II, style 10 of Federal Specification FF-N-105.

This description covers industrial quality common nails suitable for use in fastening wood and wood products.

Salient characteristics:

Material. Steel wire shall be of good commercial quality, entirely suitable for the purpose and sufficiently ductile to insure that the finished product shall withstand, without fracture, cold bending through 180 degrees over a diameter not greater than the diameter of the wire.

Design. Nails covered by the description shall have flat heads, diamond points, and round smooth shanks. They shall be furnished with bright finish unless otherwise specified.

Dimensions and number per pound. The dimensions and number of nails per pound shall be as specified in table I.

TABLE I

Size	L	D	H	NO./LB	Size	L	D	H	NO./LB
2d	1	.072	.172	847	10d	3	.148	.312	66
3d	1-1/4	.080	.203	543	12	3-1/4	.148	.312	61
4d	1-1/2	.099	.250	294	16d	3-1/4	.162	.344	47
5d	1-3/4	.099	.250	254	20d	4	.192	.406	30
6d	2	.113	.266	167	30d	4-1/2	.207	.438	23
7d	2-1/4	.113	.266	150	40d	5	.226	.469	17
8d	2-1/2	.131	.281	101	50d	5-1/2	.244	.500	14
9d	2-3/4	.131	.281	92	60d	6	.262	.531	11

Tolerances:

Shank diameters (D) of .076 or less shall have tolerances of ± 0.002 inch. Shank diameters greater than .076 shall have less tolerances of ± 0.004 inch.

Head diameters (H) shall be ± 10 percent of the specified H for hand-driven nails and as per the manufacturers' specification for machine-driven nails.

Length (L) for nails 2-1/2 inches or less in length the tolerances shall be $\pm 1/16$ inch. For nails greater than 2-1/2 inches in length the tolerances shall be $\pm 3/32$ inch.

Zinc coating. When specified, nails shall be furnished with zinc coatings in accordance with standard commercial practice.

Number per pound tolerance shall be ± 5 percent.

Workmanship. Nails covered by this commercial item description shall be true to shape, well finished, reasonably free from imperfections, clean and free of corrosion. Mechanically driven cohered nails shall be uniform and properly aligned in their assembled form.

Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

Preservation, packaging, packing, labeling, and marking. The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Note. The purchaser should specify sizes of nails required and if zinc coating is required in contract or ordering documents.

This description does not cover all types, classes, grades, or sizes of the commodity indicated by the title of this commercial item description, or those which are commercially available, but is intended to cover the type normally procured to meet Federal requirements.

MILITARY INTERESTS:

Custodians

Army - AR
Navy - YD
Air Force - 99

Review Activities

Army - AR
Navy - MC
DISC - IS
DMSSO
DGSC - GS

User Activities

Army - ME
Air Force - 99
Navy - AS

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - TCS

PREPARING ACTIVITY:

GSA - FSS