

B25C

HAND HELD NAILING OR STAPLING TOOLS; MANUALLY OPERATED PORTABLE STAPLING TOOLS (for shoemaking [A43D](#))

Definition statement

This subclass/group covers:

- Hand-held nailing tools; Nail feeding devices;
- Portable devices for holding and guiding nails; Nail dispensers;
- Manually operated portable stapling tools; Hand-held power-operated stapling tools; Staple feeding devices therefore;
- Accessories for nailing or stapling tools, e.g. supports;
- Nail punches;
- Nail, spike, and staple extractors;
- Nail straightening devices.

Relationship between large subject matter areas

[B25C](#) covers nailing and stapling tools, powered or manually actuated, including all mechanical details relating to these devices (e.g. feeding, safety, driving means).

[B27F 7/00](#) covers stapling machines, including electric staplers usually incorporated in printing/copying machines, and details of said staplers (e.g. clinching mechanism).

References relevant to classification in this subclass

This subclass/group does not cover:

For shoemaking	A43D
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Nailing or stapling: driving means operated by manual power	B27F 7/07
Nails, Staples	F16B 15/00

Washers	F16B 43/00
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Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

In the subclass, the following terms or expressions are used with the meaning indicated:

Tool	Any portable instrument of operation for performing, assisting the work or facilitating mechanical operations. Tools can be manually operated or by machine tools, such as millers for milling machines. Machine tools (i.e. industrial or NC/CNC) are not considered as tools.
Hand tool	Device for performing work on a material or a physical system using only muscular strength.
Power-driven tool	Tool powered by a motor, e.g. electric, hydraulic, pneumatic, fluid-pressure.
Portable	Capable of being easily carried or conveyed.

B25C 1/00

Hand-held nailing tools (hammers per se [B25D](#); nailing machines [B27F 7/02](#)); Nail feeding devices

Definition statement

This subclass/group covers:

- Nail feeding devices;
- Safety devices;
- Tools operated by manual power;
- Tools operated by fluid pressure;

- Tools operated by electric power;
- Tools operated by combustion pressure.

References relevant to classification in this subclass

This subclass/group does not cover:

Nailing machines	B27F 7/02
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Nails, staples	F16B 15/00
Gaseous fuels; Natural gas; Synthetic natural gas; Liquefied petroleum gas	C10L 3/00
Cartridge ammunition, e.g. separately-loaded propellant charges - cartridge cases modified for housing an integral firing-cap	F42B 5/36
Practice or training ammunition - cartridges	F42B 8/04
Functional features or details both common to small arms and ordinance	F41A
Manually operated portable stapling tools; Hand-held power-operated stapling tools; Staple feeding devices	B25C 5/00
Nailing or stapling; Nailed or stapled work	B27F 7/00
Portable power-driven screw or nut setting or loosening tools	B25B 21/00
Details of, or accessories for screwdrivers	B25B 23/00
Devices for securing together, or preventing relative movement between, constructional elements or machine parts	F16B 1/00

Details of vessels or of the filling or discharging of vessels - Arrangement or mounting of valves and Mounting arrangements for vessels	F17C13/04 F17C13/08
Details of vessels or of the filling or discharging of vessels - Means for coding or identifying them and/or their contents	F17C 13/003
Electric spark ignition having characteristics not provided for	F02P 15/00
Burners for combustion of a gas, e.g. of a gas stored under pressure as a liquid in association with a gaseous fuel source, e.g. acetylene generator, or a container for liquefied gas	F23D 14/28
Adaptations of engines for driving pumps, hand-held tools or electric generators; Portable combinations of engines with engine-driven devices, for hand-held tools	F02B 63/02
Hammers per se	B25D

B25C 3/00

Portable devices for holding and guiding nails; Nail dispensers

Definition statement

This subclass/group covers:

- nail dispensers with provision for holding and guiding nails;
- devices only for holding and guiding nails.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Nails, staples	F16B 15/00
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Nail punches	B25C 9/00
Hand hammers with provision for withdrawing or holding nails or spikes	B25D 1/04 , B25D 1/06

B25C 5/00

Manually operated portable stapling tools; Hand-held power-operated stapling tools ([N: clip clamping hand tools **B25B7/14C]; details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed [B25F 5/00](#); stapling machines [B27F 7/17](#)); Staple feeding devices therefor (staples [F16B 15/00](#))**

Definition statement

This subclass/group covers:

- tools with provision for bending the ends of the staples on to the work;
- tools without provision for bending the ends of the staples on to the work;
- tool driving means;
- staple-feeding devices (e.g. with feeding means, supports for staples or accessories concerning feeding devices)

References relevant to classification in this group:

This subclass/group does not cover:

Hand-held power-operated stapling tools clip clamping hand tools	B25B7/14C
Details or components of portable power-driven tool not particularly related to the operation performed	B25F 5/00
Stapling machines	B27F 7/17
Staples	F16B 15/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Nails, staples	F16B 15/00
Implements for finishing work on buildings	E04F 21/00
Stapling machines with provision for bending the ends of the staples on to the work	B27F 7/19
Hand tools for applying fasteners	B25B 31/00
Nailing machines	B27F 7/02
Clips, clamps, or like fastening or attaching devices, e.g. for electric installation	B21D 53/26
Fastening or securing by means not forming part of the material of the label itself by clamps	G09F 3/16
Affixing tags	B65C 7/00
Labelling fabrics or comparable materials or articles with deformable surface, e.g. paper, fabric rolls, stockings, shoes using staples	B65C 5/06
Permanently attaching together sheets, quires or signatures otherwise than by stitching	B42B 5/00
Machines, appliances or methods for setting fastener-elements on garments	A41H 37/00

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

In the subclass, the following terms or expressions are used with the meaning indicated:

Stapling tools	tools for driving u-shaped loops, e.g. of metallic material, into a surface to fix an object thereto, or trough layers of relatively thin material to hold them together, e.g. by clinching.
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B25C 7/00

Accessories for nailing or stapling tools, e.g. supports (for tools operated by detonation of a cartridge [B25C 1/18](#))

Definition statement

This subclass/group covers:

Accessories and supports for nailing or stapling tools.

References relevant to classification in this group

This subclass/group does not cover:

Staple feeding devices coordinating with feeding of a second item (i.e. cap feeding means)	B25C 5/1693
Accessories and supports for tools operated by detonation of a cartridge	B25C 1/18

Informative references

Attention is drawn to the following places, which may be of interest for search:

Supports for pipes, cables or protective tubing, partly surrounding the pipes, cables or protective tubing and pressing it against a wall or other support	F16L 3/04
Washers or equivalent devices; Other devices for supporting bolt-heads or nuts	F16B 43/00
Nails or staples formed in integral series but easily separable	F16B 15/08

B25C 9/00

Nail punches

Definition statement

This subclass/group covers:

Nail punches Tools with provision to drive nails flush with or below a working surface

B25C 11/00

Nail, spike, and staple extractors (incorporated in hammers [B25D 1/00](#))

Definition statement

This subclass/group covers:

Nail, spike and staple extractors. Manual and power actuated tools that remove nails, spikes, and staples from a working member.

References relevant to classification in this group

This subclass/group does not cover:

Hammers (incorporating extractors)	B25D 1/00
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Removing sheet piles bulkheads, piles, mould-pipes or other moulds	E02D 9/00
Devices for erecting or removing fences	E04H 17/26
Crowbars or levers	B66F 15/00
Laying, rebuilding, or taking-up tracks; Tools or machines therefore	E01B 29/00
Parts, components, construction details, accessories, interior equipment, specially adapted for tents, e.g. guy-line equipment, skirts,	E04H 15/32

thresholds	
Implements for finishing work on buildings for laying flooring	E04F 21/20
Wrecking of buildings	E04G 23/08

B25C 13/00

Nail straightening devices

Definition statement

This subclass/group covers:

Nail straightening devices. This covers devices used to correct the shape of nails, with or without extracting means for nails.