

ECLA**EUROPEAN CLASSIFICATION****B25C****HAND-HELD NAILING OR STAPLING TOOLS; MANUALLY OPERATED PORTABLE STAPLING TOOLS (for shoemaking A43D)****Note**

For the purposes of this subclass, the term "nail" is to be understood as including pin, bolt, and plug

B25C1/00

Hand-held nailing tools ([hammers per se B25D](#); [nailing machines B27F7/02](#)); **Nail feeding devices**

- B25C1/00B . [N: Nail feeding devices ([B25C1/18B2](#) takes precedence)]
- B25C1/00B2 . . [N: for belts of nails]
- B25C1/00B3 . . [N: for rows of contiguous nails]
- B25C1/00B4 . . [N: for corrugated nails and marking tags]
- B25C1/00D . [N: Safety devices]
- B25C1/02 . operated by manual power [C0901]
- B25C1/04 . operated by fluid pressure, [N: e.g. by air pressure] [C0901]
- B25C1/04B . . [N: with fixed main cylinder]
- B25C1/04B2 . . . [N: Main valve and main cylinder]
- B25C1/04B3 . . . [N: Trigger valve and trigger mechanism]
- B25C1/04C . . [N: with movable main cylinder]
- B25C1/04C2 . . . [N: main valve and main cylinder]
- B25C1/04C3 . . . [N: Trigger valve and trigger mechanism]
- B25C1/04D . . [N: Mechanical details]
- B25C1/04H . . [N: Hydraulically operated] [N0901]
- B25C1/06 . operated by electric power
- B25C1/08 . operated by combustion pressure
- B25C1/08B . . [N: generated by detonation of a pellet]
- B25C1/08B2 . . . [N: trigger operated]
- B25C1/08B3 . . . [N: operated by a hammer blow]
- B25C1/10 . . generated by detonation of a cartridge
- B25C1/10B . . . [N: Cartridge ejecting mechanisms and latch mechanisms]
- B25C1/12 . . . acting directly on the bolt
- B25C1/12B [N: trigger operated]
- B25C1/12C [N: operated by a hammer blow]
- B25C1/14 . . . acting on an intermediate plunger or anvil ([pistols for slaughtering or stunning animals A22B3/02](#))
- B25C1/14B [N: trigger operated]

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| B25C1/14C | [N: operated by a hammer blow] |
| B25C1/16 | . . . Cartridges specially adapted for impact tools; Cartridge and bolts units (bolts per se F16B19/14) |
| B25C1/16B | [N: Cartridges] |
| B25C1/16C | [N: Pellets] |
| B25C1/18 | . . . Details and accessories, e.g. splinter guards, spall minimisers |
| B25C1/18B | [N: Feeding devices] |
| B25C1/18B2 | [N: for nails] |
| B25C1/18B3 | [N: for cartridges or pellets] |
| B25C1/18C | [N: Arrangements at the forward end of the barrel, e.g. splinter guards, spall minimisers, safety arrangements, silencers, bolt retainers] |

B25C3/00 **Portable devices for holding and guiding nails; Nail dispensers**

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| B25C3/00B | . [N: nail dispensers with provision for holding and guiding nails] |
| B25C3/00B2 | . . [N: the nail being hit by a hammer head] |
| B25C3/00C | . [N: only for holding and guiding] |
| B25C3/00C2 | . . [N: the nail being hit by a hammer head] |

B25C5/00 **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 [B25F5/00](#); stapling machines [B27F7/17](#)); **Staple feeding devices therefor** (staples [F16B15/00](#))

[N: Note

In this group the following term is used with the meaning indicated: -"stapling tools" covers tools for driving U-shaped loops, e.g. of metallic material, into a surface to fix an object thereto, or through layers of relatively thin material to hold them together, e.g. by clinching
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| B25C5/02 | . with provision for bending the ends of the staples on to the work |
| B25C5/02D | . . [N: Particular clinching mechanisms (B25C5/02F4B2 takes precedence)] |
| B25C5/02E | . . [N: Combined stapling and punching tools] |
| B25C5/02F | . . [N: Stapling tools of the table model type, i.e. tools supported by a table or the work during operation] |
| B25C5/02F1 | . . . [N: power-operated] |
| B25C5/02F2 | . . . [N: manually operated having a plunger cooperating with an anvil (B25C5/02F3B takes precedence)] |
| B25C5/02F3 | . . . [N: having a pivoting upper leg and a leg provided with an anvil supported by the table or work] |
| B25C5/02F3B | [N: the plunger being manually operated] |
| B25C5/02F4 | . . . [N: without an anvil, e.g. using staples of particular shape bent during the stapling operation without the use of external clinching means] |
| B25C5/02F4B | [N: having pivoting clinching means for bending the staple ends] |
| B25C5/02F4B2 | [N: Clinching means therefor] |

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| B25C5/02F5 | . . . [N: having staple forming means] |
| B25C5/02G | . . [N: Hand-held stapling tools, e.g. manually operated, i.e. not resting on a working surface during operation] |
| B25C5/02G2 | . . . [N: with the objects to be stapled together introduced perpendicularly to the longitudinal axis of the tool in an opening formed by an anvil and a plunger] |
| B25C5/04 | . . with means for forming the staples in the tool |
| B25C5/04B | . . . [N: starting from performed staples] |
| B25C5/06 | . without provision for bending the ends of the staples on to the work |
| B25C5/08 | . . with means for forming the staples in the tool |
| B25C5/08B | . . . [N: starting from performed staples] |
| B25C5/10 | . Driving means |
| B25C5/11 | . . operated by manual [N: or foot] power |
| B25C5/13 | . . operated by fluid pressure |
| B25C5/15 | . . operated by electric power |
| B25C5/16 | . Staple-feeding devices [N: e.g. with feeding means, supports for staples or accessories concerning feeding devices] |
| B25C5/16B | . . [N: for tools with provision for bending the ends of the staples or to the work] |
| B25C5/16C | . . [N: Feeding means] |
| B25C5/16C1 | . . . [N: employing a spring-loaded puller] |
| B25C5/16C1B | [N: with means for holding puller out of position during re-loading] |
| B25C5/16C2 | . . . [N: employing a spring-loaded pusher] |
| B25C5/16C2B | [N: with means for holding pusher out of position during re-loading] |
| B25C5/16C3 | . . . [N: employing mechanical feeding means (B25C5/16C1 , B25C5/16C2 take precedence)] |
| B25C5/16C3B | [N: of incremental type] |
| B25C5/16C3C | [N: for feeding a chosen number of staples to the drive channel] |
| B25C5/16C4 | . . . [N: employing gravity feed] |
| B25C5/16D | . . [N: Supports for the staples being fed] |
| B25C5/16D1 | . . . [N: allowing the feeding of a variety of elements] |
| B25C5/16D1B | [N: of different shapes] |
| B25C5/16D1B1 | [N: by use or interchangeable supports] |
| B25C5/16D1B2 | [N: of T-shaped staples or nails] |
| B25C5/16D1B2B | [N: by use of interchangeable supports] |
| B25C5/16D1C | [N: of different sizes of staples] |
| B25C5/16D1C1 | [N: by use of interchangeable supports] |
| B25C5/16E | . . [N: with means for preventing jamming or aiding unjamming within the drive channel] |
| B25C5/16E1 | . . . [N: preventing jamming by retaining the next staple] |
| B25C5/16E1B | [N: for multiple-stroke driving] |
| B25C5/16E2 | . . . [N: unjamming by movement of the feeding device] |
| B25C5/16F | . . [N: comprising storing arrangements for a plurality of staple strips] |
| B25C5/16F1 | . . . [N: on a rotating carousel] |

- B25C5/16G . . [N: using pre-loaded cassettes]
- B25C5/16H . . [N: with means for indicating the number of staples remaining]
- B25C5/16J . . [N: co-ordinating with the feed of a second item]
- B25C5/16K . . [N: Staple support displaceable relative to the tool to allow re-loading]

B25C7/00 **Accessories for nailing or stapling tools, e.g. supports** (for tools operated by detonation of a cartridge [B25C1/18](#))

B25C9/00 **Nail punches**

B25C11/00 **Nail, spike, and staple extractors** (incorporated in hammers [B25D1/00](#))

- B25C11/02 . Pincers (joints therefor [B25B7/06](#))

B25C13/00 **Nail straightening devices**