

SECTION A — HUMAN NECESSITIES

A44 HABERDASHERY; JEWELLERY

A44B BUTTONS, PINS, BUCKLES, SLIDE FASTENERS, OR THE LIKE (fastenings specially adapted for footwear A43C)

Note(s)

This subclass covers buckles or slide fasteners whether used as haberdashery or otherwise.

Subclass index

BUTTONS; CARDS THEREFOR.....	1/00-5/00, 7/00
SLIDE FASTENERS.....	19/00
OTHER CLAMPING OR HOLDING DEVICES.....	6/00-18/00, 99/00

1/00 Buttons

- 1/02 • characterised by their material
- 1/04 • Ornamental buttons
- 1/06 • Assembling of buttons
- 1/08 • Constructional characteristics
- 1/10 • • washable
- 1/12 • • covered by fabric
- 1/14 • • with replaceable coverings
- 1/16 • • with protective coverings
- 1/18 • adapted for special ways of fastening
- 1/20 • • attached by thread visible to the front
- 1/22 • • attached by thread not visible to the front
- 1/24 • • • Eye-buttons
- 1/26 • • with resilient shank
- 1/28 • • with shank and counterpiece
- 1/30 • • • Screw-buttons
- 1/32 • • • Shank inserted into counterpiece and locked by sliding or rotating
- 1/34 • • • with snap-action counterpiece
- 1/36 • • • with counterpiece in the form of cotter, split-pin, or the like
- 1/38 • • Clamping by spring action
- 1/40 • • with helical wire-shank screwed into material
- 1/42 • • with deformable prongs
- 1/44 • • with deformable counterpiece

3/00 Collar-studs

- 3/02 • completely rigid
- 3/04 • with head tiltable as a whole
- 3/06 • with head formed as two tiltable flaps
- 3/08 • with head and base separable

5/00 Sleeve-links

- 5/02 • with separable parts

6/00 Retainers or tethers for neckties, cravats, neckerchiefs, or the like, e.g. tie-clips, spring clips with attached tie-tethers, woggles, pins with associated sheathing members tetherable to clothing (tie-pins A44B 9/08; decorative or ornamental aspects A44C) [3]

7/00 Cards for buttons, collar-studs, or sleeve-links

9/00 Hat, scarf, or safety pins or the like (decorative or ornamental aspect A44C; hair pins A45D 8/02)

- 9/02 • Simple pins
- 9/04 • • Ordinary pins
- 9/06 • • Hat-pins
- 9/08 • • Tie-pins (pins with associated sheathing members tetherable to clothing A44B 6/00)
- 9/10 • • Safety devices
- 9/12 • Safety-pins
- 9/14 • • Ordinary safety-pins
- 9/16 • • Brooches; Breast-pins
- 9/18 • • Hinges; Locking devices
- 9/20 • Attaching heads of glass or the like to pin shafts

11/00 Buckles; Similar fasteners for interconnecting straps or the like, e.g. for safety belts

- 11/02 • frictionally engaging surface of straps
- 11/04 • • without movable parts
- 11/06 • • with clamping devices
- 11/08 • • • roller displaceable in wedge-shaped slot
- 11/10 • • • sliding wedge
- 11/12 • • • turnable clamp
- 11/14 • • • • with snap-action
- 11/16 • • Strap held by spring action
- 11/18 • • Strap held by threading through linked rings
- 11/20 • engaging holes or the like in strap
- 11/22 • • Buckle with fixed prong
- 11/24 • • Buckle with movable prong
- 11/25 • with two or more separable parts
- 11/26 • • with push-button fastenings
- 11/28 • • with hooks engaging end-pieces on the strap

13/00 Hook or eye fasteners

- 13/02 • with spring closure of hook

15/00 Key-rings

17/00 Press-button or snap fasteners

18/00 Fasteners of the touch-and-close type; Making such fasteners [3]**19/00 Slide fasteners**

- 19/02 • with a series of separate interlocking members secured to each stringer tape
- 19/04 • • Stringers arranged edge-to-edge when fastened
- 19/06 • • • with substantially rectangular members having interlocking projections and pieces
- 19/08 • • Stringers arranged side-by-side when fastened
- 19/10 • with a one-piece interlocking member on each stringer tape
- 19/12 • • Interlocking member in the shape of a continuous helix
- 19/14 • • Interlocking member formed by a profiled or castellated edge
- 19/16 • • Interlocking member having uniform section throughout the length of the stringer [3]
- 19/18 • with a third member or members, other than the slider, connected to the edges of adjacent stringers when closed, e.g. third member moved into position by a slider [3]
- 19/20 • • the third member being embraced by the stringers [3]
- 19/22 • • the third member embracing the stringers [3]
- 19/24 • Details
- 19/26 • • Sliders
- 19/28 • • • constructed to be removable from at least one stringer [3]
- 19/30 • • • with means for locking in position
- 19/32 • • Means for making slide fasteners gas- or watertight

- 19/34 • • Stringer tapes (A44B 19/40 takes precedence); Flaps secured to stringers for covering the interlocking members (A44B 19/32 takes precedence) [3]
- 19/36 • • Means for permanently uniting the stringers at the end; Means for stopping movement of slider at the end
- 19/38 • • Means at the end of stringer by which the slider can be freed from one stringer, e.g. stringers can be completely separated from each other
- 19/40 • • Connection of separate, or one-piece, interlocking members to stringer tapes; Reinforcing such connections, e.g. by stitching
- 19/42 • Making by processes not fully provided for in one other class, e.g. B21D 53/50, B21F 45/18, B22D 17/16, B29D 5/00
- 19/44 • • Securing metal interlocking members to ready-made stringer tapes (making metal slide fastener parts combined with attaching B21D 53/52) [3]
- 19/46 • • • Securing separate interlocking members [3]
- 19/48 • • • • Arranging interlocking members before securing [3]
- 19/50 • • • Securing one-piece interlocking members [3]
- 19/52 • • Securing the interlocking members to stringer tapes while making the latter [3]
- 19/54 • • • while weaving the stringer tapes [3]
- 19/56 • • • while knitting the stringer tapes [3]
- 19/58 • • Removing interlocking members to produce gaps [3]
- 19/60 • • Applying end stops upon stringer tapes [3]
- 19/62 • • Assembling sliders in position on stringer tapes [3]
- 19/64 • • • Slider holders for assemblage of slide fasteners [3]

99/00 Subject matter not provided for in other groups of this subclass [2010.01]