

A44 HABERDASHERY; JEWELLERY**A44B BUTTONS, PINS, BUCKLES, SLIDE FASTENERS, OR THE LIKE** (fastenings specially adapted for footwear A43C)

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

BUTTONS; CARDS THEREFOR1/00 5/00; 7/00
 SLIDE FASTENERS 19/00
 OTHER CLAMPING OR HOLDING
 DEVICES6/00 18/00, 21/00

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| <p>1/00 Buttons (setting on garments A41H 37/10; setting on footwear A43D 100/08; making buttons, <u>see</u> the relevant groups in the classes for making articles from particular materials)</p> <p>1/02 . characterised by their material</p> <p>1/04 . Ornamental buttons</p> <p>1/06 . Assembling of buttons (covering by braiding D04D)</p> <p>1/08 . Constructional characteristics</p> <p>1/10 . . washable</p> <p>1/12 . . covered by fabric</p> <p>1/14 . . with replaceable coverings</p> <p>1/16 . . with protective coverings</p> <p>1/18 . adapted for special ways of fastening</p> <p>1/20 . . attached by thread visible to the front</p> <p>1/22 . . attached by thread not visible to the front</p> <p>1/24 . . . Eye-buttons</p> <p>1/26 . . with resilient shank</p> <p>1/28 . . with shank and counterpiece</p> <p>1/30 . . . Screw-buttons</p> <p>1/32 . . . Shank inserted into counterpiece and locked by sliding or rotating</p> <p>1/34 . . . with snap-action counterpiece</p> <p>1/36 . . . with counterpiece in the form of cotter, split-pin, or the like</p> <p>1/38 . . Clamping by spring action</p> <p>1/40 . . with helical wire-shank screwed into material</p> <p>1/42 . . with deformable prongs</p> <p>1/44 . . with deformable counterpiece</p> <p>3/00 Collar-studs</p> <p>3/02 . completely rigid</p> <p>3/04 . with head tiltable as a whole</p> <p>3/06 . with head formed as two tiltable flaps</p> <p>3/08 . with head and base separable</p> <p>5/00 Sleeve-links</p> <p>5/02 . with separable parts</p> <p>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]</p> <p>7/00 Cards for buttons, collar-studs, or sleeve-links</p> | <p>9/00 Hat, scarf, or safety pins or the like (decorative or ornamental aspect A44C; hair pins A45D 8/02; sewing needles D05B 85/00)</p> <p>9/02 . Simple pins</p> <p>9/04 . . Ordinary pins</p> <p>9/06 . . Hat-pins (other fastening means for head coverings A42B 7/00)</p> <p>9/08 . . Tie-pins (pins with associated sheathing members tetherable to clothing A44B 6/00)</p> <p>9/10 . . Safety devices</p> <p>9/12 . Safety-pins</p> <p>9/14 . . Ordinary safety-pins</p> <p>9/16 . . Brooches; Breast-pins</p> <p>9/18 . . Hinges; Locking devices</p> <p>9/20 . Attaching heads of glass or the like to pin shafts</p> <p>11/00 Buckles; Similar fasteners for interconnecting straps or the like, e.g. for safety belts</p> <p>11/02 . frictionally engaging surface of straps</p> <p>11/04 . . without movable parts</p> <p>11/06 . . with clamping devices</p> <p>11/08 . . . roller displaceable in wedge-shaped slot</p> <p>11/10 . . . sliding wedge</p> <p>11/12 . . . turnable clamp</p> <p>11/14 with snap-action</p> <p>11/16 . . Strap held by spring action</p> <p>11/18 . . Strap held by threading through linked rings</p> <p>11/20 . engaging holes or the like in strap</p> <p>11/22 . . Buckle with fixed prong</p> <p>11/24 . . Buckle with movable prong</p> <p>11/25 . with two or more separable parts</p> <p>11/26 . . with push-button fastenings</p> <p>11/28 . . with hooks engaging end-pieces on the strap</p> <p>13/00 Hook or eye fasteners</p> <p>13/02 . with spring closure of hook</p> <p>15/00 Key-rings</p> <p>17/00 Press-button or snap fasteners</p> <p>18/00 Fasteners of the touch-and-close type; Making such fasteners (making pile fabrics D03, D04) [3]</p> <p>19/00 Slide fasteners</p> <p>19/02 . with a series of separate interlocking members secured to each stringer tape</p> <p>19/04 . . Stringers arranged edge-to-edge when fastened</p> <p>19/06 . . . with substantially rectangular members having interlocking projections and pieces</p> |
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A44B

- 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 (article handling devices associated with conveyers in general B65G 47/00, e.g. B65G 47/14) [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]
- 21/00 **Other clamping or holding devices**