

## SECTION B — PERFORMING OPERATIONS; TRANSPORTING

### B43 WRITING OR DRAWING IMPLEMENTS; BUREAU ACCESSORIES

**B43K IMPLEMENTS FOR WRITING OR DRAWING** (containers, casings or accessories for cosmetic substances, e.g. shaving soap, lipstick, make-up, A45D 34/00, A45D 40/00)

#### Note(s) [6]

In this subclass, the following expression is used with the meaning indicated:

- "writing implements" covers pens, pencils, crayons, chalks or like markers for writing or drawing.

#### Subclass index

##### IMPLEMENTS WITH CORES

Without mechanisms.....	19/00
With mechanisms.....	21/00
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##### IMPLEMENTS USING INK

Without reservoir.....	3/00
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Nibs; filling devices; caps.....	1/00, 17/00, 11/00, 23/00
Manufacture, maintenance.....	13/00, 15/00

SELECTING, PROJECTING, RETRACTING OR LOCKING WRITING UNITS.....24/00

MULTIPLE-POINT WRITING IMPLEMENTS.....27/00

##### COMBINATIONS

Of writing implements with other articles.....	29/00, 31/00
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<b>1/00</b>	<b>Nibs</b> (continuously-adjustable nibs B43K 17/00); <b>Writing-points</b> (for indicating or recording apparatus G01D 15/16) [1, 2, 2006.01]	5/10	• • with reserve ink chambers [1, 2006.01]
1/01	• with ink reservoirs, e.g. funnel-shaped [6, 2006.01]	5/12	• • with ink-level inspection means [1, 2006.01]
1/02	• Split nibs [1, 2006.01]	5/14	• • Exchangeable ink cartridges [1, 2006.01]
1/04	• • with broadened tips [1, 2006.01]	5/16	• with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00) [1, 2006.01]
1/06	• Tubular writing-points [1, 2006.01]	5/17	• • with closing means [6, 2006.01]
1/08	• with ball points; Balls or ball beds [1, 2006.01]	5/18	• Arrangements for feeding the ink to the nibs [1, 2006.01]
1/10	• Wire nibs [1, 2006.01]		
1/12	• Writing-points comprising fibres; Felt pads [1, 2006.01]	<b>7/00</b>	<b>Ball-point pens</b> (multiple-point writing implements B43K 27/00) [1, 2006.01]
<b>3/00</b>	<b>Nib holders</b> (holders for continuously-adjustable nibs B43K 17/00) [1, 2006.01]	7/01	• for low viscosity liquid ink [6, 2006.01]
3/02	• with ink guards [1, 2006.01]	7/02	• Ink reservoirs; Ink cartridges (B43K 7/01 takes precedence) [1, 6, 2006.01]
3/04	• with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00) [1, 2006.01]	7/03	• • pressurised, e.g. by gas [5, 2006.01]
<b>5/00</b>	<b>Pens with ink reservoirs in holders, e.g. fountain-pens</b> (nibs or writing-points with ink reservoirs B43K 1/01; ball-point pens B43K 7/00; pens with writing-points other than nibs or balls B43K 8/00; multiple-point writing implements B43K 27/00) [1, 2006.01]	7/035	• • • the gas acting on a piston [6, 2006.01]
5/02	• Ink reservoirs [1, 2006.01]	7/04	• • Arrangements for refilling the reservoirs, e.g. arrangements at the ball-point ends [1, 2006.01]
5/03	• • specially adapted for concentrated ink, e.g. solid ink [6, 2006.01]	7/06	• • Reservoirs with ink-level inspection means [1, 2006.01]
5/04	• • flexible [1, 2006.01]	7/08	• • Preventing leakage [1, 2006.01]
5/06	• • with movable pistons [1, 2006.01]	7/10	• Arrangements for feeding the ink to the ball points (B43K 7/01 takes precedence) [1, 6, 2006.01]
5/08	• • • with ink-supplying valves [1, 2006.01]	7/12	• with retractable ball points (mechanisms for retracting or locking ball points B43K 24/00) [1, 2006.01]
		<b>8/00</b>	<b>Pens with writing-points other than nibs or balls</b> (brushes with reservoir for supplying substances A46B 11/00) [1, 2006.01]

- 8/02 • with writing-points comprising fibres, felt, or similar porous or capillary material (B43K 8/22 takes precedence) [2, 5, 2006.01]
- 8/03 • • Ink reservoirs; Ink cartridges [6, 2006.01]
- 8/04 • • Arrangements for feeding ink to writing-points [5, 2006.01]
- 8/06 • • • Wick feed from within reservoir to writing-points [5, 2006.01]
- 8/08 • • • • Wick separate from writing-points [5, 2006.01]
- 8/10 • • • including compartment for soluble solid material [5, 2006.01]
- 8/12 • • • writing-points or writing-point units being separable from reservoir [5, 2006.01]
- 8/14 • with coreless tubular writing-points [5, 2006.01]
- 8/16 • with tubular writing-points comprising a movable cleaning element [5, 2006.01]
- 8/18 • • Arrangements for feeding the ink to the writing-points [5, 2006.01]
- 8/20 • with roller writing-points [5, 2006.01]
- 8/22 • with electrically or magnetically activated writing-points [5, 2006.01]
- 8/24 • characterised by the means for retracting writing-points [5, 2006.01]
- 11/00 Filling devices** (ink receptacles B43L 25/00) [1, 2006.01]
- 13/00 Devices for removing nibs; Devices for cleaning nibs, e.g. by wiping** (ink receptacles with pen-wiping means B43L 25/12) [1, 3, 2006.01]
- 13/02 • for cleaning nibs, e.g. ink reservoirs therein [6, 2006.01]
- 15/00 Assembling, finishing, or repairing pens** [1, 2006.01]
- 15/02 • Automatic machines [1, 2006.01]
- 17/00 Continuously-adjustable nibs, e.g. for drawing-pens; Holders therefor** (features common to fountain-pens B43K 5/00) [1, 2006.01]
- 17/01 • Nibs with ink reservoirs [6, 2006.01]
- 17/02 • Nibs having more than two legs [1, 2006.01]
- 17/04 • Holders with arrangements for drawing dotted lines [1, 2006.01]
- 19/00 Non-propelling pencils; Styles; Crayons; Chalks** (batik pencils, cord line chalkers B44D 3/00; writing-core compositions for pencils, crayon compositions, chalk compositions C09D 13/00) [1, 2, 2006.01]
- 19/02 • Pencils with graphite; Coloured pencils [1, 2006.01]
- 19/04 • Pencils with metallic writing-core [1, 2006.01]
- 19/06 • • the writing-core being made from substance wearing off during use [1, 2006.01]
- 19/08 • • the writing-core being made from wear-resistant substances [1, 2006.01]
- 19/10 • • • equipped with ball point (using ink B43K 1/08, B43K 7/00) [1, 2006.01]
- 19/12 • Slate pencils [1, 2006.01]
- 19/14 • Sheathings [1, 2006.01]
- 19/16 • Making non-propelling pencils (making slate-pencil writing-cores B28D) [1, 2006.01]
- 19/18 • • Making pencil writing-cores [1, 2006.01]
- 21/00 Propelling pencils** (projecting mechanisms for writing units B43K 24/00; multiple-point writing implements B43K 27/00) [1, 2006.01]
- 21/02 • Writing-core feeding mechanisms [1, 2006.01]
- 21/027 • • with sliding tube-like writing-core guide [5, 2006.01]
- 21/033 • • • with automatic feed by pressure during use of pencil [5, 2006.01]
- 21/04 • • with the writing-cores brought into position by gravity [1, 2006.01]
- 21/06 • • with the writing-cores fed by means sliding in longitudinally-slotted casings [1, 2006.01]
- 21/08 • • with the writing-cores fed by screws [1, 2006.01]
- 21/10 • • • with separate writing-core remnants ejecting-bar [1, 2006.01]
- 21/12 • • • with means preventing overwinding [1, 2006.01]
- 21/14 • • • with writing-cores automatically replaced from magazines [1, 2006.01]
- 21/16 • • with stepwise feed of writing-cores [1, 2006.01]
- 21/18 • • • having ratchet means [1, 2006.01]
- 21/20 • • • with writing-cores automatically replaced from magazines [1, 2006.01]
- 21/22 • • Writing-cores gripping means, e.g. chucks [1, 2006.01]
- 21/24 • Assembling, finishing, or repairing propelling pencils (making pencil writing-cores B43K 19/18) [1, 2006.01]
- 21/26 • • Automatic machines [1, 2006.01]
- 23/00 Holders or connectors for writing implements; Means for protecting the writing-points** [1, 2006.01]
- 23/004 • Holders specially adapted for assisting handicapped or disabled persons to write (B43L 15/00 takes precedence) [6, 2006.01]
- 23/008 • Holders comprising finger grips (B43K 23/004, B43K 23/012 take precedence) [6, 2006.01]
- 23/012 • Holders for attachment to finger tips (B43K 23/004 takes precedence) [6, 2006.01]
- 23/016 • Holders for crayons or chalks (B43K 23/004-B43K 23/012, B43K 23/02 take precedence) [6, 2006.01]
- 23/02 • with means for preventing rolling (B43K 23/004-B43K 23/012 take precedence) [1, 6, 2006.01]
- 23/04 • • enabling the writing implement to be set upright [1, 2006.01]
- 23/06 • Means for connecting two or more writing implements [6, 2006.01]
- 23/08 • Protecting means, e.g. caps [6, 2006.01]
- 23/10 • • for pencils [6, 2006.01]
- 23/12 • • for pens [6, 2006.01]
- 24/00 Mechanisms for selecting, projecting, retracting or locking writing units** [1, 6, 2006.01]
- 24/02 • for locking a single writing unit in only fully projected or retracted positions [1, 2006.01]
- 24/03 • • operated by flicking or tilting [6, 2006.01]
- 24/04 • • operated by means sliding in longitudinally-slotted casings [1, 2006.01]
- 24/06 • • operated by turning means [1, 2006.01]
- 24/08 • • operated by push-buttons [1, 2006.01]
- 24/10 • for selecting, projecting and locking several writing units [1, 2006.01]
- 24/12 • • operated by means sliding in longitudinally-slotted casings [1, 2006.01]
- 24/14 • • operated by turning means [1, 2006.01]
- 24/16 • • operated by push-buttons [1, 2006.01]
- 24/18 • • and for feeding the writing cores [1, 2006.01]

<p><b>25/00 Attaching writing implements to wearing apparel or objects involving constructional changes of the implements</b> (protecting means, e.g. caps, B43K 23/08; fastening articles to wearing apparel A45F 5/02) [1, 2006.01]</p> <p>25/02 • Clips [6, 2006.01]</p> <p><b>27/00 Multiple-point writing implements, e.g. multicolour; Combinations of writing implements</b> (B43K 29/00 takes precedence; mechanisms for selecting, projecting, retracting or locking writing units B43K 24/00; multiple writing devices with pantographic linkages B43L 13/12) [1, 2006.01]</p> <p>27/02 • Combinations of pens and pencils [1, 2006.01]</p> <p>27/04 • Combinations of pencils (writing-core feed mechanisms B43K 21/02) [1, 2006.01]</p> <p>27/08 • Combinations of pens [1, 2006.01]</p> <p>27/12 • • of ball-point pens [1, 3, 2006.01]</p> <p><b>29/00 Combinations of writing implements with other articles</b> [1, 2006.01]</p> <p>29/007 • with advertising means [6, 2006.01]</p> <p>29/013 • with stamping means [6, 2006.01]</p> <p>29/02 • with rubbers [1, 2006.01]</p> <p>29/04 • with blotters [1, 2006.01]</p> <p><b>B43L ARTICLES FOR WRITING OR DRAWING UPON; ACCESSORIES FOR WRITING OR DRAWING</b> (workshop equipment for marking-out work B25H 7/00; teaching hand-writing or drawing G09B 11/00)</p>	<p>29/05 • with applicators for eradicating- or correcting-liquid [6, 2006.01]</p> <p>29/06 • with sharpening devices (with erasing knives B43K 29/18; pocket knives with pencils B26B) [1, 2006.01]</p> <p>29/08 • with measuring, computing or indicating devices [1, 2006.01]</p> <p>29/087 • • for indicating time, e.g. with calendars or watches [6, 2006.01]</p> <p>29/093 • • with calculators [6, 2006.01]</p> <p>29/10 • with illuminating devices [1, 2006.01]</p> <p>29/12 • with memorandum appliances (with book covers B42D) [1, 2006.01]</p> <p>29/16 • with lighters [1, 2006.01]</p> <p>29/18 • with hand tools, e.g. erasing knives (with pocket knives B26B) [1, 2006.01]</p> <p>29/20 • with other articles having storage compartments (with lighters B43K 29/16; writing implements functioning as, or combined with, writing implement receptacles B43K 31/00) [1, 2006.01]</p> <p><b>31/00 Writing implement receptacles functioning as, or combined with, writing implements</b> (other writing implement receptacles A45C 11/34, A45C 11/36) [1, 2006.01]</p>
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**Note(s) [3]**

This subclass does not cover devices used for both teaching and facilitating writing or drawing, which are covered by group G09B 11/00.

**Subclass index**

## ARTICLES FOR WRITING OR DRAWING UPON

Boards or tablets.....	1/00
Underlays.....	3/00
Drawing-boards.....	5/00
AIDS FOR DRAWING	
Straight lines.....	7/00
Circles.....	9/00
Other curves.....	11/00
Means to prevent slippage.....	12/00
Other figures.....	13/00
ATTACHMENT TO HANDS OR ARMS.....	15/00
BLOTTERS.....	17/00
ACCESSORIES FOR	
Rubbing or erasing.....	19/00
Cleaning blackboards or slates.....	21/00
Sharpening pencils or leads.....	23/00
INK RECEPTACLES; INK STANDS.....	25/00, 27/00

**Articles for writing or drawing upon****1/00 Repeatedly-usable boards or tablets for writing or drawing** (drawing-boards B43L 5/00) [1, 2006.01]

- 1/02 • Slates [1, 2006.01]
- 1/04 • Blackboards (easels or stands for blackboards A47B 97/04) [1, 2006.01]
- 1/06 • • rigid [1, 2006.01]
- 1/08 • • flexible [1, 2006.01]
- 1/10 • • Writing surfaces thereof [1, 2006.01]

- 1/12 • having translucent writing surfaces producing visual impressions by co-operation with backing members [1, 2006.01]

**3/00 Writing or drawing-underlays, e.g. blotting pads** (blotters B43L 17/00) [1, 2006.01]

- 5/00 Drawing-boards** (drawing-desks or tables A47B 27/00, A47B 85/02; stands for drawing-boards A47B 97/04) [1, 2006.01]
- 5/02 • having means for clamping sheets of paper thereto (drawing-pins B43M 15/00) [1, 2006.01]

Writing or drawing aids

**7/00 Straightedges** (guides for rulers other than for T-squares B43L 13/04; curve rulers or templates B43L 13/20; straightedges characterised by the provision of indicia or the like for measuring, e.g. rulers or tapes with measuring scales or marks for direct reading, G01B) [1, 2006.01]

**Note(s)** [5]

In this group, the following term is used with the meaning indicated:

- "straightedge" means an instrument or its edge serving the purpose of acting as a guide for the drawing of a straight line.

7/02 • T-squares [1, 2006.01]  
 7/027 • Plural non-adjustable straightedges fixed at right angles (B43L 7/02 takes precedence) [5, 2006.01]  
 7/033 • Plural non-adjustable straightedges forming non-right angles [5, 2006.01]  
 7/04 • with rollers (with interconnected rollers B43L 13/02) [1, 2006.01]  
 7/08 • with arrangements for attaching additional drawing equipment, e.g. for hatching, dotting [1, 2006.01]  
 7/10 • Plural straightedges relatively movable [5, 2006.01]  
 7/12 • • Square and pivoting straightedges [5, 2006.01]  
 7/14 • • Square and sliding straightedges [5, 2006.01]

**9/00 Circular curve-drawing or like instruments** (curve rulers or templates B43L 13/20) [1, 2006.01]

9/02 • Compasses (proportional compasses B43L 9/08; compasses for drawing spirals B43L 11/06) [1, 2006.01]  
 9/04 • • Beam compasses [1, 2006.01]  
 9/06 • • with legs formed by flat springs [1, 2006.01]  
 9/08 • Proportional compasses or dividers [1, 2006.01]  
 9/10 • • with arrangements for drawing polygons [1, 2006.01]  
 9/12 • Dividers (proportional dividers B43L 9/08) [1, 2006.01]  
 9/14 • with changeable leg-ends for conversion into compasses, dividers, or callipers (B43L 9/24 takes precedence) [1, 2006.01]  
 9/16 • Features common to compasses, dividers, or callipers [1, 2006.01]  
 9/18 • • Legs with toggle joints [1, 2006.01]  
 9/20 • • Pivots [1, 2006.01]  
 9/22 • • Leg-angle adjusting-means separate from pivots [1, 2006.01]  
 9/24 • • Means for mounting points or writing appliances on legs [1, 2006.01]

**11/00 Non-circular-curve-drawing instruments** (curve rulers or templates B43L 13/20) [1, 2006.01]

11/02 • for drawing conic sections [1, 2006.01]  
 11/04 • • for drawing ellipses [1, 2006.01]  
 11/045 • • • with cords or like flexible elements [5, 2006.01]  
 11/05 • • • with gears [5, 2006.01]  
 11/055 • • • with guides [5, 2006.01]  
 11/06 • for drawing spirals [1, 2006.01]  
 11/08 • for drawing involutes [1, 2006.01]

**12/00 Means to prevent slippage** [5, 2006.01]

12/02 • magnetic [5, 2006.01]

**13/00 Drawing instruments, or writing or drawing appliances or accessories, not otherwise provided for** (stencils for surface decoration B44D) [1, 2006.01]

13/02 • Drafting machines or drawing devices for keeping parallelism (T-squares B43L 7/02) [1, 2006.01]  
 13/04 • • Guides for rulers [1, 2006.01]  
 13/06 • • • with pivoted guide rods [1, 2006.01]  
 13/08 • • Protractor heads [1, 2006.01]  
 13/10 • Pantographic instruments for copying, enlarging, or diminishing (arrangements for copying in machine tools B23Q) [1, 2006.01]  
 13/12 • • Multiple writing devices [1, 2006.01]  
 13/14 • Devices for drawing in perspective [1, 2006.01]  
 13/16 • • free-hand [1, 2006.01]  
 13/18 • • • having optical or projecting equipment (optical systems or apparatus G02B; projectors G03B) [1, 2006.01]  
 13/20 • Curve rulers or templates [1, 2006.01]  
 13/22 • • Adjustable curve rulers [1, 2006.01]  
 13/24 • Devices for generating stepwise movements of drawing equipment, e.g. for hatching [1, 2006.01]

**15/00 Supports for attachment to hands or arms for facilitating writing or drawing** [1, 2006.01]

**17/00 Blotters** (blotting pads B43L 3/00; combined with writing implements B43K 29/04; making blotting paper D21F 11/14) [1, 2, 2006.01]

17/02 • for blotting-paper sheets [1, 2006.01]  
 17/04 • • hand-held [1, 2006.01]  
 17/06 • for reeled blotting-paper [1, 2006.01]  
 17/08 • • Roller blotters [1, 2006.01]  
 17/10 • using blotting material other than paper [1, 2006.01]

**19/00 Erasers, rubbers, or erasing devices; Holders therefor** (rubbers or erasing knives combined with writing implements B43K 29/02, B43K 29/18) [1, 2006.01]

19/02 • Erasing knives (knives in general B26B) [1, 2006.01]  
 19/04 • Fibrous erasers [1, 2006.01]

**21/00 Blackboard or slate-cleaning devices** [1, 2006.01]

21/02 • with means for absorbing the chalk dust [1, 2006.01]  
 21/04 • Wiper holders [1, 2006.01]

**23/00 Sharpeners for pencils or leads** (grinding or cutting tools in general B24, B26; combined with writing implements B43K 29/06) [1, 2, 2006.01]

23/02 • with gearing [1, 2006.01]  
 23/04 • • with cranked handles [1, 2006.01]  
 23/06 • in which the pencils or leads are sharpened by only axial movement against cutting blades [1, 2006.01]  
 23/08 • in which the pencils or leads are sharpened mainly by rotational movement against cutting blades (B43L 23/02 takes precedence) [1, 2006.01]

**25/00 Ink receptacles** (liquid receptacles in general B65D, e.g. B65D 1/00) [1, 2006.01]

25/02 • with separate dipping-cups [1, 2006.01]  
 25/04 • • supplied by pressure arrangements [1, 2006.01]  
 25/06 • • supplied by tilting the receptacles [1, 2006.01]  
 25/08 • with arrangements for dissolving ink powder [1, 2006.01]  
 25/10 • with means for holding objects [1, 2006.01]  
 25/12 • with pen-wiping means [1, 2006.01]

**27/00 Ink stands** [1, 2006.01]

27/02 • having means for securing objects thereon [1, 2006.01]

27/04 • securable to other objects [1, 2006.01]

**B43M BUREAU ACCESSORIES NOT OTHERWISE PROVIDED FOR** (stapling devices B25C, B27F; devices for temporarily attaching sheets together B42F; adhesive tape dispensers B65H 35/07)

### Subclass index

FIXING SEALS; INSERTING DOCUMENTS INTO, CLOSING, OR OPENING, ENVELOPES.....1/00, 3/00, 5/00, 7/00  
 PAPER-WEIGHTS; DEVICES FOR APPLYING LIQUIDS; STAMP DISPENSERS; DRAWING-PINS  
 OR THUMB-TACKS.....9/00, 11/00, 13/00, 15/00  
 OTHER ACCESSORIES.....99/00

**1/00 Fixing seals on documents** (embossing dies B44B; seals *per se* G09F 3/00) [1, 2006.01]

1/02 • Sealing-wax holders [1, 2006.01]

**3/00 Devices for inserting documents into envelopes** (combined devices for inserting documents into, and closing, envelopes B43M 5/00) [1, 2006.01]

3/02 • equipped with document-folding means (B43M 3/04 takes precedence) [1, 2006.01]

3/04 • automatic [1, 2006.01]

**5/00 Devices for closing envelopes** [1, 2006.01]

5/02 • Hand devices for both moistening gummed flaps of envelopes and for closing the envelopes [1, 2006.01]

5/04 • automatic [1, 2006.01]

**7/00 Devices for opening envelopes** (cutting tools in general B26) [1, 2006.01]

7/02 • Devices for both opening envelopes and removing contents [1, 2006.01]

**9/00 Paper-weights** [1, 2006.01]

**11/00 Hand or desk devices of the office or personal type for applying liquid, other than ink, by contact to surfaces, e.g. for applying adhesive** (combined with envelope-closing devices B43M 5/02; reservoir brushes A46B 11/00; devices for applying liquids or other fluent materials to surfaces in general B05C; liquid receptacles B65D) [1, 2006.01]

11/02 • with rollers [1, 2006.01]

11/04 • with pads (B43M 11/06 takes precedence) [1, 2006.01]

11/06 • Hand-held devices [1, 2006.01]

11/08 • • of the fountain-pen type [1, 2006.01]

**13/00 Dispensers without mechanisms for single stamps modified for the application of stamps to articles** (manually-controlled or manually-operable label or stamp dispensers B65C 11/00) [1, 2006.01]

**15/00 Drawing-pins or thumb-tacks** (extractors B25C 11/00) [1, 2006.01]

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