

## 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

In this subclass, the following expression is used with the meaning indicated: [6]

- “writing implements” covers pens, pencils, crayons, chalks or like markers for writing or drawing. [6]

### Subclass Index

#### IMPLEMENTS WITH CORES

Without mechanisms.....	19/00
With mechanisms.....	21/00
Accessories .....	23/00, 25/00

#### IMPLEMENTS USING INK

Without reservoir .....	3/00
With reservoir .....	5/00, 7/00, 8/00

Nibs; filling devices; caps .....	1/00, 17/00; 11/00; 23/00
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Manufacture, maintenance .....	13/00, 15/00
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#### SELECTING, PROJECTING, RETRACTING

OR LOCKING WRITING UNITS .....	24/00
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#### MULTIPLE-POINT WRITING

IMPLEMENTS .....	27/00
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#### COMBINATIONS

Of writing implements with other articles .....	29/00, 31/00
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**1/00 Nibs** (continuously-adjustable nibs B43K 17/00);  
**Writing-points** (for indicating or recording apparatus  
G01D 15/16) [2]

1/01 . with ink reservoirs, e.g. funnel-shaped [6]

1/02 . Split nibs

1/04 . . with broadened tips

1/06 . Tubular writing-points

1/08 . with ball points; Balls or ball beds

1/10 . Wire nibs

1/12 . Writing-points comprising fibres; Felt pads

**3/00 Nib holders** (holders for continuously-adjustable nibs  
B43K 17/00)

3/02 . with ink guards

3/04 . with retractable nibs (mechanisms for retracting or  
locking nibs B43K 24/00)

**5/00 Pens with ink reservoirs in holders, e.g. fountain-  
pens** (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)

5/02 . Ink reservoirs

5/03 . . specially adapted for concentrated ink, e.g. solid  
ink [6]

5/04 . . flexible

5/06 . . with movable pistons

5/08 . . . with ink-supplying valves

5/10 . . with reserve ink chambers

5/12 . . with ink-level inspection means

5/14 . . Exchangeable ink cartridges

5/16 . with retractable nibs (mechanisms for retracting or  
locking nibs B43K 24/00)

5/17 . . with closing means [6]

5/18 . Arrangements for feeding the ink to the nibs

**7/00 Ball-point pens** (multiple-point writing implements  
B43K 27/00)

7/01 . for low viscosity liquid ink [6]

7/02 . Ink reservoirs; Ink cartridges (B43K 7/01 takes  
precedence) [6]

7/03 . . pressurised, e.g. by gas [5]

7/035 . . . the gas acting on a piston [6]

7/04 . . Arrangements for refilling the reservoirs,  
e.g. arrangements at the ball-point ends

7/06 . . Reservoirs with ink-level inspection means

7/08 . . Preventing leakage

7/10 . Arrangements for feeding the ink to the ball points  
(B43K 7/01 takes precedence) [6]

7/12 . with retractable ball points (mechanisms for  
retracting or locking ball points B43K 24/00)

**8/00 Pens with writing-points other than nibs or balls**  
(brushes with reservoir for supplying substances  
A46B 11/00)

8/02 . with writing-points comprising fibres, felt, or similar  
porous or capillary material (B43K 8/22 takes  
precedence) [2,5]

8/03 . . Ink reservoirs; Ink cartridges [6]

8/04 . . Arrangements for feeding ink to writing-points [5]

8/06 . . . Wick feed from within reservoir to writing-  
points [5]

8/08 . . . . Wick separate from writing-points [5]

8/10 . . . including compartment for soluble solid  
material [5]

8/12 . . . writing-points or writing-point units being  
separable from reservoir [5]

8/14 . with coreless tubular writing-points [5]

8/16 . with tubular writing-points comprising a movable  
cleaning element [5]

8/18 . . Arrangements for feeding the ink to the writing-  
points [5]

8/20 . with roller writing-points [5]

8/22 . with electrically or magnetically activated writing-  
points [5]

8/24 . characterised by the means for retracting writing-  
points [5]

**11/00 Filling devices** (ink receptacles B43L 25/00)

- 13/00 Devices for removing nibs; Devices for cleaning nibs, e.g. by wiping** (ink receptacles with pen-wiping means B43L 25/12) [3]
- 13/02 . for cleaning nibs, e.g. ink reservoirs therein [6]
- 15/00 Assembling, finishing, or repairing pens**
- 15/02 . Automatic machines
- 17/00 Continuously-adjustable nibs, e.g. for drawing-pens; Holders therefor** (features common to fountain-pens B43K 5/00)
- 17/01 . Nibs with ink reservoirs [6]
- 17/02 . Nibs having more than two legs
- 17/04 . Holders with arrangements for drawing dotted lines
- 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) [2]
- 19/02 . Pencils with graphite; Coloured pencils
- 19/04 . Pencils with metallic writing-core
- 19/06 . . the writing-core being made from substance wearing off during use
- 19/08 . . the writing-core being made from wear-resistant substances
- 19/10 . . . equipped with ball point (using ink B43K 1/08, B43K 7/00)
- 19/12 . Slate pencils
- 19/14 . Sheathings
- 19/16 . Making non-propelling pencils (making slate-pencil writing-cores B28D)
- 19/18 . . Making pencil writing-cores
- 21/00 Propelling pencils** (projecting mechanisms for writing units B43K 24/00; multiple-point writing implements B43K 27/00)
- 21/02 . Writing-core feeding mechanisms
- 21/027 . . with sliding tube-like writing-core guide [5]
- 21/033 . . . with automatic feed by pressure during use of pencil [5]
- 21/04 . . with the writing-cores brought into position by gravity
- 21/06 . . with the writing-cores fed by means sliding in longitudinally-slotted casings
- 21/08 . . with the writing-cores fed by screws
- 21/10 . . . with separate writing-core remnants ejecting-bar
- 21/12 . . . with means preventing overwinding
- 21/14 . . . with writing-cores automatically replaced from magazines
- 21/16 . . with stepwise feed of writing-cores
- 21/18 . . . having ratchet means
- 21/20 . . . with writing-cores automatically replaced from magazines
- 21/22 . . Writing-cores gripping means, e.g. chucks
- 21/24 . Assembling, finishing, or repairing propelling pencils (making pencil writing-cores B43K 19/18)
- 21/26 . . Automatic machines
- 23/00 Holders or connectors for writing implements; Means for protecting the writing-points**
- 23/004 . Holders specially adapted for assisting handicapped or disabled persons to write (B43L 15/00 takes precedence) [6]
- 23/008 . Holders comprising finger grips (B43K 23/004, B43K 23/012 take precedence) [6]
- 23/012 . Holders for attachment to finger tips (B43K 23/004 takes precedence) [6]
- 23/016 . Holders for crayons or chalks (B43K 23/004 to B43K 23/012, B43K 23/02 take precedence) [6]
- 23/02 . with means for preventing rolling (B43K 23/004 to B43K 23/012 take precedence) [6]
- 23/04 . . enabling the writing implement to be set upright
- 23/06 . Means for connecting two or more writing implements [6]
- 23/08 . Protecting means, e.g. caps [6]
- 23/10 . . for pencils [6]
- 23/12 . . for pens [6]
- 24/00 Mechanisms for selecting, projecting, retracting or locking writing units [6]**
- 24/02 . for locking a single writing unit in only fully projected or retracted positions
- 24/03 . . operated by flicking or tilting [6]
- 24/04 . . operated by means sliding in longitudinally-slotted casings
- 24/06 . . operated by turning means
- 24/08 . . operated by push-buttons
- 24/10 . for selecting, projecting and locking several writing units
- 24/12 . . operated by means sliding in longitudinally-slotted casings
- 24/14 . . operated by turning means
- 24/16 . . operated by push-buttons
- 24/18 . . and for feeding the writing cores
- 25/00 Attaching writing implements to wearing apparel or objects involving constructional changes of the of the implements** (protecting means, e.g. caps, B43K 23/08; garment-holding devices A44B 21/00; fastening articles to wearing apparel A45F 5/02)
- 25/02 . Clips [6]
- 27/00 Multiple-point writing implements, e.g. multicolour; Combinations of writing implements** (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)
- 27/02 . Combinations of pens and pencils
- 27/04 . Combinations of pencils (writing-core feed mechanisms B43K 21/02)
- 27/08 . Combinations of pens
- 27/12 . . of ball-point pens [3]
- 29/00 Combinations of writing implements with other articles**
- 29/007 . with advertising means [6]
- 29/013 . with stamping means [6]
- 29/02 . with rubbers
- 29/04 . with blotters
- 29/05 . with applicators for eradicating- or correcting-liquid [6]
- 29/06 . with sharpening devices (with erasing knives B43K 29/18; pocket knives with pencils B26B)
- 29/08 . with measuring, computing or indicating devices
- 29/087 . . for indicating time, e.g. with calendars or watches [6]
- 29/093 . . with calculators [6]
- 29/10 . with illuminating devices
- 29/12 . with memorandum appliances (with book covers B42D)
- 29/16 . with lighters

- 29/18 . with hand tools, e.g. erasing knives (with pocket knives B26B)
- 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)

**31/00 Writing implement receptacles functioning as, or combined with, writing implements** (other writing implement receptacles A45C 11/34, A45C 11/36)

**B43L ARTICLES FOR WRITING OR DRAWING UPON; ACCESSORIES FOR WRITING OR DRAWING** (workshop equipment for marking-out work B25H 7/00; teaching hand-writing or drawing G09B 11/00)

### Note

This subclass does not cover devices used for both teaching and facilitating writing or drawing, which are covered by group G09B 11/00. [3]

### 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)

- 1/02 . Slates
- 1/04 . Blackboards (easels or stands for blackboards A47B 97/04)
- 1/06 . . rigid
- 1/08 . . flexible
- 1/10 . . Writing surfaces thereof
- 1/12 . having translucent writing surfaces producing visual impressions by co-operation with backing members

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

**5/00 Drawing-boards** (drawing-desks or tables A47B 27/00, A47B 85/02; stands for drawing-boards A47B 97/04)

- 5/02 . having means for clamping sheets of paper thereto (drawing-pins B43M 15/00)

### Writing or drawing aids

**7/00 Straightedges** (guides for rulers other than for T-squares B43L 13/04; curve rulers or templets 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)

### Note

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. [5]

7/02 . T-squares

7/027 . Plural non-adjustable straightedges fixed at right angles (B43L 7/02 takes precedence) [5]

7/033 . Plural non-adjustable straightedges forming non-right angles [5]

7/04 . with rollers (with interconnected rollers B43L 13/02)

7/08 . with arrangements for attaching additional drawing equipment, e.g. for hatching, dotting

7/10 . Plural straightedges relatively movable [5]

7/12 . . Square and pivoting straightedges [5]

7/14 . . Square and sliding straightedges [5]

**9/00 Circular curve-drawing or like instruments** (curve rulers or templets B43L 13/20)

9/02 . Compasses (proportional compasses B43L 9/08; compasses for drawing spirals B43L 11/06)

9/04 . . Beam compasses

9/06 . . with legs formed by flat springs

9/08 . Proportional compasses or dividers

9/10 . . with arrangements for drawing polygons

## B43L – B43M

9/12	• Dividers (proportional dividers B43L 9/08)	15/00	<b>Supports for attachment to hands or arms for facilitating writing or drawing</b>
9/14	• with changeable leg-ends for conversion into compasses, dividers, or callipers (B43L 9/24 takes precedence)	17/00	<b>Blotters</b> (blotting pads B43L 3/00; combined with writing implements B43K 29/04; making blotting paper D21F 11/14) [2]
9/16	• Features common to compasses, dividers, or callipers	17/02	• for blotting-paper sheets
9/18	• • Legs with toggle joints	17/04	• • hand-held
9/20	• • Pivots	17/06	• for reeled blotting-paper
9/22	• • Leg-angle adjusting-means separate from pivots	17/08	• • Roller blotters
9/24	• • Means for mounting points or writing appliances on legs	17/10	• using blotting material other than paper
11/00	<b>Non-circular-curve-drawing instruments</b> (curve rulers or templates B43L 13/20)	19/00	<b>Erasers, rubbers, or erasing devices; Holders therefor</b> (rubbers or erasing knives combined with writing implements B43K 29/02, B43K 29/18)
11/02	• for drawing conic sections	19/02	• Erasing knives (knives in general B26B)
11/04	• • for drawing ellipses	19/04	• Fibrous erasers
11/045	• • • with cords or like flexible elements [5]	21/00	<b>Blackboard or slate-cleaning devices</b>
11/05	• • • with gears [5]	21/02	• with means for absorbing the chalk dust
11/055	• • • with guides [5]	21/04	• Wiper holders
11/06	• for drawing spirals	23/00	<b>Sharpeners for pencils or leads</b> (grinding or cutting tools in general B24, B26; combined with writing implements B43K 29/06) [2]
11/08	• for drawing involutes	23/02	• with gearing
12/00	<b>Means to prevent slippage</b> [5]	23/04	• • with cranked handles
12/02	• magnetic [5]	23/06	• in which the pencils or leads are sharpened by only axial movement against cutting blades
13/00	<b>Drawing instruments, or writing or drawing appliances or accessories, not otherwise provided for</b> (stencils for surface decoration B44D)	23/08	• in which the pencils or leads are sharpened mainly by rotational movement against cutting blades (B43L 23/02 takes precedence)
13/02	• Drafting machines or drawing devices for keeping parallelism (T-squares B43L 7/02)	25/00	<b>Ink receptacles</b> (liquid receptacles in general B65D, e.g. B65D 1/00)
13/04	• • Guides for rulers	25/02	• with separate dipping-cups
13/06	• • • with pivoted guide rods	25/04	• • supplied by pressure arrangements
13/08	• • Protractor heads	25/06	• • supplied by tilting the receptacles
13/10	• Pantographic instruments for copying, enlarging, or diminishing (arrangements for copying in machine tools B23Q)	25/08	• with arrangements for dissolving ink powder
13/12	• • Multiple writing devices	25/10	• with means for holding objects
13/14	• Devices for drawing in perspective	25/12	• with pen-wiping means
13/16	• • free-hand	27/00	<b>Ink stands</b>
13/18	• • • having optical or projecting equipment (optical systems or apparatus G02B; projectors G03B)	27/02	• having means for securing objects thereon
13/20	• Curve rulers or templates	27/04	• securable to other objects
13/22	• • Adjustable curve rulers		
13/24	• Devices for generating stepwise movements of drawing equipment, e.g. for hatching		

**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; OTHER ACCESSORIES .....9/00; 11/00;  
13/00; 15/00; 17/00

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

1/02 • Sealing-wax holders

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

3/02 • equipped with document-folding means (B43M 3/04  
takes precedence)

3/04 • automatic

<b>5/00</b>	<b>Devices for closing envelopes</b>	
5/02	<ul style="list-style-type: none"> <li>Hand devices for both moistening gummed flaps of envelopes and for closing the envelopes</li> </ul>	11/04 <ul style="list-style-type: none"> <li>with pads (B43M 11/06 takes precedence)</li> </ul>
5/04	<ul style="list-style-type: none"> <li>automatic</li> </ul>	11/06 <ul style="list-style-type: none"> <li>Hand-held devices</li> </ul>
		11/08 <ul style="list-style-type: none"> <li>of the fountain-pen type</li> </ul>
<b>7/00</b>	<b>Devices for opening envelopes</b> (cutting tools in general B26)	<b>13/00</b> <b>Dispensers without mechanisms for single stamps modified for the application of stamps to articles</b> (manually-controlled or manually-operable label or stamp dispensers B65C 11/00)
7/02	<ul style="list-style-type: none"> <li>Devices for both opening envelopes and removing contents</li> </ul>	
<b>9/00</b>	<b>Paper-weights</b>	<b>15/00</b> <b>Drawing-pins; Thumb-tacks</b> (extractors B25C 11/00)
<b>11/00</b>	<b>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</b> (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)	<b>17/00</b> <b>Other bureau accessories</b>
11/02	<ul style="list-style-type: none"> <li>with rollers</li> </ul>	