

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)

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
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
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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1/00 Nibs (continuously-adjustable nibs B43K 17/00); Writing-points (for indicating or recording apparatus G01D 15/16) [2]	5/14	• • Exchangeable ink cartridges
1/01 • with ink reservoirs, e.g. funnel-shaped [6]	5/16	• with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00)
1/02 • Split nibs	5/17	• • with closing means [6]
1/04 • • with broadened tips	5/18	• Arrangements for feeding the ink to the nibs
1/06 • Tubular writing-points	7/00 Ball-point pens (multiple-point writing implements B43K 27/00)	
1/08 • with ball points; Balls or ball beds	7/01	• for low viscosity liquid ink [6]
1/10 • Wire nibs	7/02	• Ink reservoirs; Ink cartridges (B43K 7/01 takes precedence) [6]
1/12 • Writing-points comprising fibres; Felt pads	7/03	• • pressurised, e.g. by gas [5]
3/00 Nib holders (holders for continuously-adjustable nibs B43K 17/00)	7/035	• • • the gas acting on a piston [6]
3/02 • with ink guards	7/04	• • Arrangements for refilling the reservoirs, e.g. arrangements at the ball-point ends
3/04 • with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00)	7/06	• • Reservoirs with ink-level inspection means
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)	7/08	• • Preventing leakage
5/02 • Ink reservoirs	7/10	• Arrangements for feeding the ink to the ball points (B43K 7/01 takes precedence) [6]
5/03 • • specially adapted for concentrated ink, e.g. solid ink [6]	7/12	• with retractable ball points (mechanisms for retracting or locking ball points B43K 24/00)
5/04 • • flexible	8/00 Pens with writing-points other than nibs or balls (brushes with reservoir for supplying substances A46B 11/00)	
5/06 • • with movable pistons	8/02	• with writing-points comprising fibres, felt, or similar porous or capillary material (B43K 8/22 takes precedence) [2, 5]
5/08 • • • with ink-supplying valves	8/03	• • Ink reservoirs; Ink cartridges [6]
5/10 • • with reserve ink chambers	8/04	• • Arrangements for feeding ink to writing-points [5]
5/12 • • with ink-level inspection means		

- 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-B43K 23/012, B43K 23/02 take precedence) [6]
- 23/02 • with means for preventing rolling (B43K 23/004-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 implements** (protecting means, e.g. caps, B43K 23/08; 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]

<p>29/00 Combinations of writing implements with other articles</p> <p>29/007 • with advertising means [6]</p> <p>29/013 • with stamping means [6]</p> <p>29/02 • with rubbers</p> <p>29/04 • with blotters</p> <p>29/05 • with applicators for eradicating- or correcting-liquid [6]</p> <p>29/06 • with sharpening devices (with erasing knives B43K 29/18; pocket knives with pencils B26B)</p> <p>29/08 • with measuring, computing or indicating devices</p> <p>29/087 • • for indicating time, e.g. with calendars or watches [6]</p> <p>29/093 • • with calculators [6]</p>	<p>29/10 • with illuminating devices</p> <p>29/12 • with memorandum appliances (with book covers B42D)</p> <p>29/16 • with lighters</p> <p>29/18 • with hand tools, e.g. erasing knives (with pocket knives B26B)</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)</p>
	<p>31/00 Writing implement receptacles functioning as, or combined with, writing implements (other writing implement receptacles A45C 11/34, A45C 11/36)</p>
<p>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)</p>	

Note(s)

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)
1/02 • 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 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)
Note(s)
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
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

B43L

- 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 templates 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
- 9/12 • Dividers (proportional dividers B43L 9/08)
- 9/14 • with changeable leg-ends for conversion into compasses, dividers, or callipers (B43L 9/24 takes precedence)
- 9/16 • Features common to compasses, dividers, or callipers
- 9/18 • • Legs with toggle joints
- 9/20 • • Pivots
- 9/22 • • Leg-angle adjusting-means separate from pivots
- 9/24 • • Means for mounting points or writing appliances on legs
- 11/00 Non-circular-curve-drawing instruments** (curve rulers or templates B43L 13/20)
- 11/02 • for drawing conic sections
- 11/04 • • for drawing ellipses
- 11/045 • • • with cords or like flexible elements [5]
- 11/05 • • • with gears [5]
- 11/055 • • • with guides [5]
- 11/06 • for drawing spirals
- 11/08 • for drawing involutes
- 12/00 Means to prevent slippage** [5]
- 12/02 • magnetic [5]
- 13/00 Drawing instruments, or writing or drawing appliances or accessories, not otherwise provided for** (stencils for surface decoration B44D)
- 13/02 • Drafting machines or drawing devices for keeping parallelism (T-squares B43L 7/02)
- 13/04 • • Guides for rulers
- 13/06 • • • with pivoted guide rods
- 13/08 • • Protractor heads
- 13/10 • Pantographic instruments for copying, enlarging, or diminishing (arrangements for copying in machine tools B23Q)
- 13/12 • • Multiple writing devices
- 13/14 • Devices for drawing in perspective
- 13/16 • • free-hand

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)

- 13/18 • • • having optical or projecting equipment (optical systems or apparatus G02B; projectors G03B)
- 13/20 • Curve rulers or templates
- 13/22 • • Adjustable curve rulers
- 13/24 • Devices for generating stepwise movements of drawing equipment, e.g. for hatching
- 15/00 Supports for attachment to hands or arms for facilitating writing or drawing**
- 17/00 Blotters** (blotting pads B43L 3/00; combined with writing implements B43K 29/04; making blotting paper D21F 11/14) [2]
- 17/02 • for blotting-paper sheets
- 17/04 • • hand-held
- 17/06 • for reeled blotting-paper
- 17/08 • • Roller blotters
- 17/10 • using blotting material other than paper
- 19/00 Erasers, rubbers, or erasing devices; Holders therefor** (rubbers or erasing knives combined with writing implements B43K 29/02, B43K 29/18)
- 19/02 • Erasing knives (knives in general B26B)
- 19/04 • Fibrous erasers
- 21/00 Blackboard or slate-cleaning devices**
- 21/02 • with means for absorbing the chalk dust
- 21/04 • Wiper holders
- 23/00 Sharpeners for pencils or leads** (grinding or cutting tools in general B24, B26; combined with writing implements B43K 29/06) [2]
- 23/02 • with gearing
- 23/04 • • with cranked handles
- 23/06 • in which the pencils or leads are sharpened by only axial movement against cutting blades
- 23/08 • in which the pencils or leads are sharpened mainly by rotational movement against cutting blades (B43L 23/02 takes precedence)
- 25/00 Ink receptacles** (liquid receptacles in general B65D, e.g. B65D 1/00)
- 25/02 • with separate dipping-cups
- 25/04 • • supplied by pressure arrangements
- 25/06 • • supplied by tilting the receptacles
- 25/08 • with arrangements for dissolving ink powder
- 25/10 • with means for holding objects
- 25/12 • with pen-wiping means
- 27/00 Ink stands**
- 27/02 • having means for securing objects thereon
- 27/04 • securable to other objects

- 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
- 5/00 Devices for closing envelopes**
- 5/02 • Hand devices for both moistening gummed flaps of envelopes and for closing the envelopes
- 5/04 • automatic
- 7/00 Devices for opening envelopes** (cutting tools in general B26)
- 7/02 • Devices for both opening envelopes and removing contents
- 9/00 Paper-weights**

- 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)
- 11/02 • with rollers
- 11/04 • with pads (B43M 11/06 takes precedence)
- 11/06 • Hand-held devices
- 11/08 • • of the fountain-pen type
- 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)
- 15/00 Drawing-pins; Thumb-tacks** (extractors B25C 11/00)
- 99/00 Subject matter not provided for in other groups of this subclass [2010.01]**