

CPC**COOPERATIVE PATENT CLASSIFICATION****A47B****TABLES; DESKS; OFFICE FURNITURE; CABINETS; DRAWERS;
GENERAL DETAILS OF FURNITURE** ([furniture jointing F16B](#))**NOTE**

In this subclass, the following terms are used with the meanings indicated:

- "tables" covers also tables or underframes therefor for other than domestic use; - "cabinets" or "racks" covers also cabinets or racks for storage in general.

WARNING

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups are classified in the following CPC groups: [A47B 21/013](#) and subgroups are covered by [A47B 21/00](#) and subgroups

Guidance heading: Tables or desks characterised by structural features

A47B 1/00**Extensible tables** ([extensible shelf units A47B 46/00](#))

A47B 1/02

. with insertable leaves {[arranged in the centre](#) } and fixed frames

A47B 1/03

.. the leaves being foldable or revolvable

A47B 1/04

. with supplementary leaves or drop leaves {[arranged at the periphery](#) ([A47B 1/08](#) takes precedence) }

A47B 1/05

.. the leaves being extensible by drawing-out

A47B 1/056

... {[the leaves forming an outer ring](#) }

A47B 1/06

. with flexible roll-tops

A47B 1/08

. with extensible frames {[or with additional legs](#) }

A47B 1/10

. Slide mechanisms

A47B 3/00**Folding or stowable tables** ([folded and suspended or hinged, or wall tables A47B 5/04](#); [with tops of variable height A47B 9/00](#); [foldable service or tea tables A47B 31/04](#))

A47B 3/002

. {[with foldable underframe](#) }

A47B 3/02

. with foldable cross legs ([adjustable for varying height of tops A47B 9/16](#))

A47B 3/04

. with flexible roll-tops

A47B 3/06

. with separable parts

A47B 3/08

. with legs pivoted to top or underframe

- A47B 3/0803 . . {the legs rotating around a vertical axis ([A47B 3/083](#), [A47B 3/087](#) and [A47B 3/091](#) take precedence) }
- A47B 3/0809 . . {with elastic locking means ([A47B 3/083](#), [A47B 3/087](#) and [A47B 3/091](#) take precedence) }
- A47B 3/0812 . . . {the resilient force of the elastic locking means acting in a direction parallel to the axis of rotation of the leg }
- A47B 3/0815 . . . {the resilient force of the elastic locking means acting in a direction perpendicular to the axis of rotation of the leg }
- A47B 3/0818 . . {with manually actuated locking means ([A47B 3/083](#), [A47B 3/087](#) and [A47B 3/091](#) take precedence) }
- A47B 3/083 . . with foldable top leaves
- A47B 3/087 . . . with struts supporting the legs
- A47B 3/091 . . with struts supporting the legs (in combination with foldable top leaves [A47B 3/087](#))
- A47B 3/0911 . . . {the struts being permanently connected to top and leg or underframe and leg }
- A47B 3/0912 {the strut being of two parts foldable relative to one another }
- A47B 3/0913 {the strut being of two parts slidable relative to one another, e.g. telescopic struts }
- A47B 3/0915 {the strut having a linear sliding connection with the leg }
- A47B 3/0916 {the strut having a linear sliding connection with the top or underframe }
- A47B 3/0917 . . . {the struts being permanently connected by pivots to the top or underframe only }
- A47B 3/0918 . . . {the struts being permanently connected by pivots to the legs only }
- A47B 3/10 . Travelling or trunk tables
- A47B 3/12 . Stowable tables with detachable top leaves
- A47B 3/14 . Foldable table and seat units { (folding school forms [A47B 39/06](#); tables combined with seats [A47B 83/02](#)) }
- A47B 5/00** **Suspended or hinged panels forming a table; Wall tables** (bed tables [A47B 23/00](#); {adapted for use in vehicles [A47B 31/06](#) }; in combination with other furniture [A47B 83/00](#); arm-rest tables for chairs [A47C](#))
- A47B 5/006 . {brought into operative position through a combination of translational and rotational movement }
- A47B 5/02 . detachable
- A47B 5/04 . foldable
- A47B 5/06 . with legs for supporting the table on the floor { (tables combined with cabinets [A47B 83/045](#)) }
- A47B 7/00** **Tables of rigid construction**
- A47B 7/02 . Stackable tables; Nesting tables
- A47B 9/00** **Tables with tops of variable height** ({lecterns with variable height [A47B 19/06](#); school forms or desks with variable height [A47B 39/02](#), [A47B 41/02](#) }; seats with variable height

[A47C 3/20](#))

- A47B 9/02 . with balancing device, e.g. by springs, by weight
- A47B 9/04 . with vertical spindle
- A47B 9/06 . with vertical toothed rack
- A47B 9/08 . with clamps acting on vertical rods
- A47B 9/083 . . {with spreading means inside a tube }
- A47B 9/10 . with vertically-acting fluid cylinder
- A47B 9/12 . with flexible height-adjusting means, e.g. rope, chain
- A47B 9/14 . with pins coacting with holes
- A47B 9/16 . with means for, or adapted for, inclining the legs of the table for varying the height of the top, e.g. with adjustable cross legs
- A47B 9/18 . with additional top or additional legs for varying the height of the top
- A47B 9/20 . Telescopic guides

A47B 11/00 **Tables with tops revolvable on vertical spindles****A47B 13/00** **Details of tables or desks** (drawers [A47B 88/00](#); feet for furniture in general [A47B 91/00](#))

- A47B 13/003 . {Connecting table tops to underframes (connecting furniture tubing to non-tubular parts [F16B 12/42](#)) }
- A47B 13/02 . Underframes
- A47B 13/021 . . {Fastening devices of the feet ([A47B 13/023](#) takes precedence) }
- A47B 13/023 . . {with a central column }
- A47B 13/04 . . of wood { ([A47B 13/023](#) takes precedence) }
- A47B 13/06 . . of metal { ([A47B 13/023](#) takes precedence) }
- A47B 13/08 . Table tops; Rims therefor (not restricted to table tops [A47B 95/04](#))
- A47B 13/081 . . {Movable, extending, sliding table tops }
- A47B 13/083 . . {Rims for table tops }
- A47B 13/086 . . {Table tops provided with a protecting coating made of veneer, linoleum, paper or the like }
- A47B 13/088 . . {Sectional table tops }
- A47B 13/10 . . Tops characterised by shape, other than circular or rectangular
- A47B 13/12 . . Transparent tops, {e.g. with lighting means under the table top }
- A47B 13/14 . . Detachable serving plates

A47B 13/16 . . Holders for glasses, ashtrays, lamps, candles or the like forming part of tables

Guidance heading: **Tables or desks characterised by adaptation for particular purposes** (flower tables [A47G 7/04](#); operating tables [A61G 13/00](#); laboratory benches or tables [B01L 9/02](#); work benches or tables [B25H](#) ; {switchboards or switch cubicles for the distribution of electric power [H02B](#) , e.g. supervisory desks or panels [H02B 15/00](#) })

A47B 17/00 Writing-tables

A47B 17/003 . {made of metal }

A47B 17/006 . {made of wood or the like }

A47B 17/02 . with vertically-adjustable parts

A47B 17/03 . with substantially horizontally extensible or adjustable parts other than drawers, e.g. leaves

A47B 17/033 . . {with parts added to the original furniture to enlarge its surface }

A47B 17/036 . . {with sliding or unfolding parts other than leaves or drawers }

A47B 17/04 . with secret or fireproof compartments; {Trays or the like countersunk in the table top and obturable, e.g. by means of a roller or sliding shutter }

A47B 17/06 . with parts, e.g. trays, movable on a pivot or by chains or belts { (movable-strip writing or reading apparatus [B42D 19/00](#)) }

A47B 17/065 . . {Pivotally mounted auxiliary tables }

A47B 19/00 Reading-desks; Lecterns; Pulpits, {i.e. free-standing }

A47B 19/002 . {Free-standing music stands (leaf turners or devices for holding books open [B42D 9/00](#); with movable strip reading apparatus [B42D 19/00](#)) }

A47B 19/02 . Church pulpits; {Stands for lecturers }

A47B 19/04 . Telephone desks, e.g. with book clamps, with shelves

A47B 19/06 . with adjustable top leaf

A47B 19/08 . Foldable reading desks { ([A47B 19/06](#) takes precedence) }

A47B 19/10 . characterised by association with auxiliary devices, e.g. paper clamps, line indicators (spot indicators per se [B42D 9/00](#))

A47B 21/00 Tables or desks {for office equipment, e.g. typewriters, keyboards }

A47B 21/007 . with under-desk displays, e.g. displays being viewable through a transparent working surface of the table or desk

A47B 21/0073 . . { liftable above the desk top }

A47B 21/02 . with vertical adjustable parts

- A47B 21/03 . with substantially horizontally extensible or adjustable parts other than drawers, e.g. leaves
- A47B 21/0314 . . { Platforms for supporting office equipment }
- A47B 21/0371 . . { Platforms for supporting wrists }
- A47B 21/04 . characterised by means for holding or fastening typewriters or computer equipment
- A47B 21/045 . . {Fastening means for paper sheet; Paper trays; Accessories for typists, e.g. line indicators }
- A47B 21/06 . characterised by means for holding, fastening or concealing cables
- A47B 23/00** **Bed-tables; Trays; Reading-racks; Book-rests, {i.e. items used in combination with something else }**
- A47B 23/001 . {Trays, e.g. with foldable legs }
- A47B 23/002 . {supported only by a person }
- A47B 23/004 . {Not free-standing music stands }
- A47B 23/007 . {Overhead reading-racks or book-rests }
- A47B 23/02 . releasably mounted on the bedstead {or another item of furniture }
- A47B 23/025 . . {mounted on the bedstead }
- A47B 23/04 . supported from table, floor or wall
- A47B 23/041 . . {with a part resting on the floor and another leaning on the person }
- A47B 23/042 . . {Book-rests or note-book holders resting on tables (releasably mounted [A47B 23/02](#)) }
- A47B 23/043 . . . {adjustable, foldable }
- A47B 23/044 {only foldable }
- A47B 23/046 . . {C-shaped bed tables, e.g. foldable }
- A47B 23/06 . characterised by association with auxiliary devices, e.g. line indicators, leaf turners, lampholders, {book or page holders } (spot indicators, leaf turners, per se [B42D 9/00](#))
- A47B 25/00** **Card tables; Tables for other games**
- A47B 25/003 . {for table tennis }
- A47B 27/00** **Drawing desks or tables; Carriers for drawing-boards (tables convertible to drawing desks [A47B 85/02](#); easels or stands for blackboards or the like [A47B 97/04](#); drawing-boards [B43L 5/00](#))**
- A47B 27/02 . Adjustable drawing tables without balancing means
- A47B 27/04 . Adjustable drawing-board carriers with balancing means for the board

- A47B 27/06 . . balancing by means of springs
- A47B 27/08 . . . with parallel-link guiding
- A47B 27/10 . . balancing by means of weights
- A47B 27/12 . . . with parallel-link guiding

- A47B 27/14 . Adjustable underframes
- A47B 27/16 . . hydraulically adjustable

- A47B 27/18 . Locking means, e.g. for locking inclination of board ([A47B 27/14](#) takes precedence)

- A47B 29/00 Sewing-tables** (for industrial use [D05B 75/00](#))

- A47B 31/00 Service or tea tables, trolleys, or wagons** ({serving trays [A47G 23/06](#) }; features relating to running gear or to movement by hand [B62B](#))

- A47B 31/001 . {with devices for laying, clearing, cleaning, or the like, a table }
- A47B 31/02 . with heating, cooling or ventilating means
- A47B 31/04 . foldable
- A47B 31/06 . adapted to the use in vehicles { (with a set of feet and a part resting on someone`s lap [A47B 23/041](#); arrangements or adaptations of tables in vehicles [B60N 3/001](#)) }

- A47B 33/00 Kitchen or dish-washing tables**

- A47B 35/00 Tables combined with ironing-boards, washers, wringers, or the like** (washing machines, ironing boards, wringers per se [D06F](#))

- A47B 37/00 Tables adapted for other particular purposes** { (glass cutting tables [C03B 33/03](#)) }

- A47B 37/02 . Tables specially adapted to be used with domestic photographic projectors, e.g. tables with levelling arrangements (tables with adjustable height [9/00](#); tables with adjustable inclination of the top [A47B 13/00](#), [A47B 19/06](#), [A47B 23/00](#), [A47B 27/00](#))
- A47B 37/04 . Tables specially adapted for use in the garden or otherwise in the open air, e.g. with means for holding umbrellas or umbrella-like sunshades { (easels combined with seats [A47B 83/008](#)) }

- Guidance heading: School benches or desks**

- A47B 39/00 School forms; Benches or forms combined with desks** (attaching to floor [A47B 91/08](#))

- A47B 39/02 . Adjustable forms { (adjustable desk tops [A47B 41/02](#); lecterns mounted on a seat arm-rest [A47C 7/68](#)) }
- A47B 39/04 . Collapsible or tip-up forms

A47B 39/06 . Folding forms { (foldable table and seat units [A47B 3/14](#); tables combined with seats [A47B 83/02](#)) }

A47B 39/08 . Seats or backs for forms, {e.g. foldable seat parts }

A47B 39/10 . Devices for holding pupils upright, i.e. body supports

A47B 39/12 . Miscellaneous equipment for forms, {e.g. inkpots, displacing apparatus for the cleaning }

A47B 41/00 **School desks or tables** (attaching to floor [A47B 91/08](#))

A47B 41/02 . {Adjustable, inclinable, sliding or foldable } desks tops

A47B 41/04 . Drawing or model stands

A47B 41/06 . Holders or supports for guiding copy-books, slates, or the like

Guidance heading: **Cabinets; Racks; Shelf units; Similar furniture; Similar features of built-in cupboards** (racks for dispensing merchandise [A47F 1/00](#); show-cases or show-cabinets [A47F 3/00](#); racks specially adapted for work-shops [B25H 3/04](#); storing articles in warehouses or magazines [B65G 1/00](#); built-in cupboards as part of a building [E04F 19/08](#); peculiar to housing recording apparatus or records therefor [G11B 33/02](#); {boards or casings for the distribution of electric power [H02B 1/26](#) }; peculiar to housing electrical apparatus or installations [H05K](#))

A47B 43/00 **Cabinets, racks or shelf units, characterised by features enabling folding of the cabinet or the like**

A47B 43/003 . {Suspended shelves, e.g. by means of support elements }

A47B 43/006 . . {fixed on cords, cables, wire or chains }

A47B 43/02 . made of cardboard or the like { (travelling wardrobes [A47B 61/06](#); hand-folded from sheet material and specially adapted for display [A47F 5/116](#)) }

A47B 43/04 . made of a rigid frame with walls or door-leaves of textile or the like

A47B 45/00 **Cabinets, racks or shelf units, characterised by features enabling enlarging in height, length, or depth** (sectional furniture [A47B 87/00](#))

A47B 46/00 **Cabinets, racks or shelf units, having one or more surfaces adapted to be brought into position for use by extending or pivoting** ([A47B 63/04](#), [A47B 77/10](#) take precedence; writing tables with extensible leaves [A47B 17/03](#); with extensible garment holders [A47B 61/02](#))

A47B 46/005 . {by displacement in a vertical plane; by rotating about a horizontal axis }

A47B 47/00 **Cabinets, racks or shelf units, characterised by features related to dismountability or building-up from elements** ([A47B 43/00](#), [A47B 45/00](#) take precedence; features for adjusting shelves or partitions [A47B 57/00](#))

- A47B 47/0008 . {Three-dimensional corner connectors, the legs thereof being received within hollow, elongated frame members (corner joints in general [F16B 12/44](#)) }
- A47B 47/0016 . {Node corner connectors, e.g. cubic }
- A47B 47/0025 . {Horizontal connecting members adapted to receive and retain the edges of several panel elements }
- A47B 47/0033 . . {Corners }
- A47B 47/0041 . . {Bars }
- A47B 47/005 . . {Combination of corners and bars }
- A47B 47/0058 . {Horizontal connecting members without panels }
- A47B 47/0066 . {Formed panels connected without frames (for panels mainly made of wood or plastic [A47B 47/042](#)) }
- A47B 47/0075 . {Flat or flat-like panels connected without frames (for panels mainly made of wood or plastic [A47B 47/042](#)) }
- A47B 47/0083 . {with four vertical uprights (for units mainly made of wood or plastic [A47B 47/045](#)) }
- A47B 47/0091 . {Modular arrangements of similar assemblies of elements (for elements or assemblies mainly made of wood or plastic [A47B 47/047](#), sectional furnitures [A47B 87/00](#), stackable furnitures [A47B 87/02](#)) }
- A47B 47/02 . made of metal only
- A47B 47/021 . . {Racks or shelf units ([A47B 47/03](#) takes precedence) }
- A47B 47/022 . . . {with cantilever shelves }
- A47B 47/024 . . . {with shelves between uprights without separate horizontal shelf supports ([A47B 47/022](#) takes precedence) }
- A47B 47/025 . . . { with panels connected together without three dimensional frames ([A47B 47/00H](#), [A47B 47/005](#), [A47B 47/00N](#), [A47B 47/042](#) take precedence) }
- A47B 47/027 . . . {with frames only ([A47B 47/0058](#) takes precedence) }
- A47B 47/028 . . . {with crossbars }
- A47B 47/03 . . with panels separate from the frame
- A47B 47/04 . made mainly of wood or plastics
- A47B 47/042 . . {Panels connected without frames }
- A47B 47/045 . . {with four vertical uprights }
- A47B 47/047 . . {Modular arrangements of similar assemblies of elements }
- A47B 47/05 . . with panels on a separate frame, e.g. a metal frame
- A47B 47/06 . made mainly of cardboard, textile, paper, or the like, e.g. with separate frame of other materials { (hand-folded and specially adapted for display [A47F 5/116](#)) }
- A47B 49/00** **Revolving cabinets or racks; Cabinets or racks with revolving parts** { (for show or display [A47F 3/06](#), [A47F 3/10](#), [A47F 5/0081](#), [A47F 5/02](#)) }
- A47B 49/002 . {Cabinets with compartments provided with trays revolving on a horizontal axis }

- A47B 49/004 . {Cabinets with compartments provided with trays revolving on a vertical axis }
- A47B 49/006 .. {Corner cabinets (without revolving parts [A47B 81/002](#)) }
- A47B 49/008 . {with motorisation means }
- A47B 51/00** **Cabinets with means for moving compartments up and down** { (for cabinets with parts rotating about a horizontal axis [A47B 46/005](#); for show or display [A47F 3/06](#)) }
- A47B 53/00** **Cabinets or racks having several sections one behind the other** { (for show or display [A47F 3/06](#)) }
- A47B 53/02 . Cabinet systems, e.g. consisting of cabinets arranged in a row with means to open or close passages between adjacent cabinets
- A47B 55/00** **Cabinets, racks or shelf units, having essential features of rigid construction** ([safes E05G](#))
- A47B 55/02 . made of wire
- A47B 55/04 . made of concrete or the like
- A47B 55/06 . made of cardboard, paper, or the like { (travelling wardrobes [A47B 61/06](#)) }
- A47B 57/00** **Cabinets, racks or shelf units, characterised by features for adjusting shelves or partitions** ({shelf units with stackable uprights [A47B 87/00](#) }; details of cabinets, racks or shelf units in general [A47B 96/00](#); brackets adjustable in themselves [A47B 96/07](#))
- A47B 57/04 . with means for adjusting the inclination of the shelves
- A47B 57/045 .. {Cantilever shelves }
- A47B 57/06 . with means for adjusting the height of the shelves ([A47B 57/04](#), [A47B 57/30](#) take precedence)
- A47B 57/08 .. consisting of grooved or notched ledges, uprights or side walls { ([A47B 57/265](#) takes precedence) }
- A47B 57/10 ... the grooved or notched parts being the side walls or uprights themselves
- A47B 57/12 .. consisting of side walls of the ladder type
- A47B 57/14 ... with hooks on the shelves to engage the rungs of the ladder
- A47B 57/16 .. consisting of hooks coacting with openings ([ladder type A47B 57/12](#))
- A47B 57/18 .. consisting of screwbolts as connecting members
- A47B 57/20 .. consisting of tongues, pins or similar projecting means coacting with openings ([A47B 57/08](#), [A47B 57/16](#) take precedence)
- A47B 57/22 ... characterised by shape or orientation of opening, e.g. keyhole-shaped
- A47B 57/26 .. consisting of clamping means, e.g. with sliding bolts or sliding wedges { (fixed on cords or the like [A47B 43/006](#)) }
- A47B 57/265 ... {clamped in discrete positions, e.g. on tubes with grooves or holes }
- A47B 57/30 . with means for adjusting the height of detachable shelf supports

- A47B 57/32 . . . consisting of grooved or notched ledges, uprights or side walls { ([A47B 57/545](#) takes precedence) }
- A47B 57/34 . . . the grooved or notched parts being the side walls or uprights themselves
- A47B 57/36 . . . consisting of side walls of the ladder type
- A47B 57/38 . . . with hooks on the shelf supports to engage the rungs of the ladder
- A47B 57/40 . . . consisting of hooks coacting with openings ([ladder type A47B 57/36](#))
- A47B 57/402 . . . {Hooks attached to a member embracing at least two sides of an upright, e.g. an angle bracket }
- A47B 57/404 . . . {Hooks with at least one upwardly directed engaging element ([A47B 57/402](#) takes precedence) }
- A47B 57/406 . . . {Hooks attached to uprights ([A47B 57/402](#) takes precedence) }
- A47B 57/408 . . . {with a security device }
- A47B 57/42 . . . the shelf supports being cantilever brackets
- A47B 57/425 {introduced by a vertical pivoting movement }
- A47B 57/44 . . . consisting of screwbolts as connecting members
- A47B 57/46 . . . the shelf supports being cantilever brackets
- A47B 57/48 . . . consisting of tongues, pins or similar projecting means coacting with openings ([A47B 57/32](#), [A47B 57/40](#) take precedence)
- A47B 57/482 . . . {Tongues }
- A47B 57/485 . . . {Straight pins }
- A47B 57/487 {with varying cross-section }
- A47B 57/50 . . . characterised by shape or orientation of opening, e.g. keyhole-shaped
- A47B 57/52 the shelf supports being cantilever brackets
- A47B 57/54 . . . consisting of clamping means, e.g. with sliding bolts or sliding wedges { ([fixed on cords or the like A47B 43/006](#)) }
- A47B 57/545 . . . {clamped in discrete positions, e.g. on tubes with grooves or holes ([shelf supports being cantilever brackets A47B 57/562](#)) }
- A47B 57/56 . . . the shelf supports being cantilever brackets
- A47B 57/562 {in discrete positions }
- A47B 57/565 {using screw means }
- A47B 57/567 {using wedges or a wedging effect without screw means }
- A47B 57/58 . . with means for adjusting partitions horizontally ([book-ends A47B 65/00](#))
- A47B 57/581 . . {specially adapted for shelves made of tubes or wire }
- A47B 57/583 . . {by sliding }
- A47B 57/585 . . . {with connection means slidable in a rail }
- A47B 57/586 . . . {with connection means movable by sliding on the outside of a rail }
- A47B 57/588 . . {by means of shelf bottoms with apertures co-operating with tongues or pins }

A47B 61/00**Wardrobes**

- A47B 61/003 . . {Details of garment-holders ([extensible A47B 61/02](#)) }
- A47B 61/006 . . {Means for keeping wardrobes free from moths, e.g. sealing means ([fighting means against moths A01M 1/20](#)) }

- A47B 61/02 . with extensible garment-holders
- A47B 61/04 . for shoes, hats, umbrellas, or the like { (shoe racks as an implement for the manufacture of shoes [A43D 117/00](#)) }
- A47B 61/06 . Travelling or trunk wardrobes {also made of cardboard or the like, e.g. provided with garment-holders, ironing board, washing outfit, for picnics }
- A47B 63/00 Cabinets, racks or shelf units, specially adapted for storing books, documents, forms, or the like**
- A47B 63/02 . specially adapted for storing drawings or the like (filing of suspended drawings [B42F 15/00](#))
- A47B 63/04 . with a writing surface (surfaces adapted to be brought into position for use by extension or pivoting in general [A47B 46/00](#))
- A47B 63/06 . with parts, e.g. trays, {card containers }, movable on pivots or on chains or belts (revolving cabinets in general, cabinets with revolving parts in general [A47B 49/00](#); cabinets with means for moving compartments up and down in general [A47B 51/00](#))
- A47B 63/062 . . {with trays revolving on a vertical axis }
- A47B 63/065 . . {with trays revolving on a horizontal axis }
- A47B 63/067 . . {with a noria lift }
- A47B 65/00 Book-troughs; Accessories specially adapted for book-storing, e.g. book-ends { (adjustable partitions for shelves [A47B 57/58](#)) }**
- A47B 67/00 Chests; Dressing-tables; Medicine cabinets or the like; Cabinets characterised by the arrangement of drawers**
- A47B 67/005 . {Mirror cabinets; Dressing-tables }
- A47B 67/02 . Cabinets for shaving tackle, medicines, or the like
- A47B 67/04 . Chests of drawers; Cabinets characterised by the arrangement of drawers ([A47B 67/02](#) takes precedence; drawers, guides for drawers, per se [A47B 88/00](#))
- A47B 69/00 Cocktail cabinets (cabinets or racks for bottles only [A47B 73/00](#))**
- A47B 71/00 Cabinets for perishable goods, e.g. meat safes, fly-proof cabinets (fruit or potato storage cabinets, racks or trays [A47B 75/00](#); ice-boxes, refrigerators [F25D](#))**
- A47B 73/00 Bottle cupboards; Bottle racks**
- A47B 73/002 . { Racks made of wire }
- A47B 73/004 . { holding the bottle by the neck only }

- A47B 73/006 . { with modular arrangements of identical units }
- A47B 73/008 . { with attachment means for fixing in another cupboard or rack }
- A47B 75/00** **Fruit or potato storage cabinets, racks or trays for domestic use**
- A47B 77/00** **Kitchen cabinets** (tops specially designed for working on [A47B 96/18](#))
- A47B 77/02 . General layout, e.g. relative arrangement of compartments, working surface or surfaces, supports for apparatus ([A47B 77/08](#) takes precedence; {combinable furniture units [A47B 87/00](#) })
- A47B 77/022 . . {Work tops }
- A47B 77/04 . Provision for particular uses of compartments or other parts; {Compartments moving up and down, revolving parts (cabinets in general [A47B 49/00](#), [A47B 51/00](#)) }
- A47B 77/06 . . for incorporating sinks, with or without draining boards, splash-backs, or the like (constructional features of draining boards [A47L 19/02](#); sinks [E03C 1/18](#))
- A47B 77/08 . . for incorporating apparatus operated by power, including water power; for incorporating apparatus for cooking, cooling, or laundry purposes
- A47B 77/10 . . with members movable outwards to a position of use, e.g. tables, ironing boards ([A47B 77/16](#) takes precedence; surfaces adapted to be brought into position for use by extension or pivoting in general [A47B 46/00](#))
- A47B 77/12 . . . for attachment of portable kitchen machines
- A47B 77/14 . . by incorporation of racks or supports, other than shelves, for household utensils
- A47B 77/16 . . by adaptation of compartments or drawers for receiving or holding foodstuffs; by provision of rotatable or extensible containers for foodstuffs
- A47B 77/18 . . by special arrangements for accomodating removable containers
- A47B 79/00** **Bedside cabinets**
- A47B 81/00** **Cabinets or racks specially adapted for other particular purposes, e.g. for storing guns or skis**
- A47B 81/002 . {Corner cabinets; Cabinets designed for being placed in a corner or a niche (corner cabinets provided with trays revolving on a vertical axis [A47B 49/006](#)) }
- A47B 81/005 . {Devices for storing or displaying rifles, guns, pistols or elongated objects such as fishing rods storing fishing rods (or the like in vehicles [B60R 7/08](#); storing guns in vehicles [B60R 7/14](#); cases for carrying guns [F41C 33/00](#)) }
- A47B 81/007 . {Racks for cylindrical or barrel-like objects, e.g. casks, rolls }
- A47B 81/02 . specially adapted for storing cleaning utensils
- A47B 81/04 . specially adapted for storing dishware
- A47B 81/06 . Furniture aspects of radio, television, gramophone, or record cabinets { (for similar equipment supports attached to the wall or ceiling or floor stands [F16M](#)) }

- A47B 81/061 . . {the device supports being adjustable }
- A47B 81/062 . . . {horizontally }
- A47B 81/064 . . . {vertically }
- A47B 81/065 . . . {rotationally }
- A47B 81/067 . . {Record cabinets }
- A47B 81/068 . . {Cassette cabinets or the like }

Guidance heading: Furniture combinations

A47B 83/00 Combinations comprising two or more pieces of furniture of different kinds

- A47B 83/001 . {Office desks or work-stations combined with other pieces of furniture, e.g. work space management systems }
- A47B 83/008 . {Easels combined with seats }
- A47B 83/02 . Tables combined with seats (foldable table and seat units [A47B 3/14](#))
- A47B 83/04 . Tables combined with other pieces of furniture
- A47B 83/045 . . {Tables combined with cabinets (wall tables [A47B 5/00](#)) }

A47B 85/00 Furniture convertible into other kinds of furniture

- A47B 85/02 . Tables convertible into drawing-desks
- A47B 85/04 . Tables convertible into chairs
- A47B 85/06 . Tables convertible otherwise (into beds [A47C 17/62](#); into billiard tables [A63D 15/04](#))
- A47B 85/08 . Convertible cupboards

A47B 87/00 Sectional furniture, i.e. combinations of complete furniture units, {e.g. assemblies of furniture units of the same kind such as linkable cabinets, tables, racks or shelf units (switchboards or switch cubicles for the distribution of electric power [H02B](#)) }

- A47B 87/001 . {Furniture units made of wire or tubes ([A47B 87/02](#) takes precedence) }
- A47B 87/002 . {Combination of tables; Linking or assembling means therefor }
- A47B 87/005 . {Linkable dependent elements with the same or similar cross-section, e.g. cabinets linked together, with a common separation wall }
- A47B 87/007 . {Linkable independent elements with the same or similar cross-section }
- A47B 87/008 . . {Rectangular cabinets or racks in a side-by-side arrangement }
- A47B 87/02 . stackable; {stackable and linkable (by means of separate corner elements being in common with both the vertical and horizontal parts, e.g. corner bars for panels, nodes for rods [A47B 47/0016](#), [A47B 47/0025](#)) }

- A47B 87/0207 . . {Stackable racks, trays or shelf units }
- A47B 87/0215 . . . {Stackable frames, or frame elements, with upright parts connected by inserting the ends or tips of the uprights, e.g. at the corners, into the uprights of the next frame or frame element, e.g. coaxial tubular ends }
- A47B 87/0223 . . . {Shelves stackable by means of poles or tubular members as distance-holders therebetween }
- A47B 87/0246 . . . {Shelves stackable by means of separate vertical distance-holders therebetween ([A47B 87/0223](#) takes precedence) }
- A47B 87/0253 . . . {Shelves stackable by means of vertical parts integrated or already fixed to the shelves, the parts not being frames or made of tubes or wire }
- A47B 87/0261 . . . {Independent trays }
- A47B 87/0269 {without separate distance holders }
- A47B 87/0276 . . {Stackable modular units, each consisting of a closed periphery ([A47B 87/0292](#) takes precedence; stackable containers [B65D 21/00](#)) }
- A47B 87/0284 . . {Cabinet systems consisting of stacked-and-linked uniform casings, each being a cabinet or drawer-holder, e.g. lockers, mail/file boxing systems }
- A47B 87/0292 . . . {each casing having a cross-section with a closed periphery }

Guidance heading: Details of furniture (of tables or desks [A47B 13/00](#); furniture joints [F16B](#))

- A47B 88/00** **Drawers for tables, cabinets or like furniture; Guides for drawers** ([63/02](#) takes precedence; drawers coupled to doors [A47B 96/16](#); {locks for drawers, e.g. anti-tilt interlock [E05B 65/46](#) })
- A47B 88/0003 . {Drawers being made of one piece of material, e.g. moulded or formed from sheet material having at least four-folding lines }
- A47B 88/0014 . {Drawers being constructed from two or more parts }
- A47B 88/0018 . . {with at least two sides foldable or hinged }
- A47B 88/0022 . . . {connecting first side panel to bottom panel, back panel to bottom panel and second side panel to bottom by three folding lines }
- A47B 88/0025 . . . {connecting first side panel to back panel and back panel to second side panel by two folding lines }
- A47B 88/0029 . . . {connecting first side panel to bottom and second side panel to bottom panel by two folding lines }
- A47B 88/0044 . {Drawers characterized by the front panel arrangements }
- A47B 88/0051 . . {Specific connection means for the drawer front }
- A47B 88/0055 . . . {for allowing adjustment of the front panel }
- A47B 88/0085 . {Railings for drawers }
- A47B 88/02 . Coupled drawers
- A47B 88/04 . Sliding drawers; Slides or guides therefor
- A47B 88/0407 . . {adjustably or detachably mounted in a cabinet or under a table top or the like }
- A47B 88/0411 . . { Drawers with castors, rollers or wheels, supported directly on a surface below, e.g. on a floor, shelf or desktop }

- A47B 88/0414 . . {electrically operated }
- A47B 88/0418 . . {Fastening devices for slides or guides }
- A47B 88/0422 . . . {at drawer side }
- A47B 88/044 . . . {at cabinet side }
- A47B 88/0451 . . { Profiled walls having grooves or protuberances for supporting multiple drawers }
- A47B 88/0455 . . { Profiles or supporting structures for supporting single drawers ([A47B 88/044](#) takes precedence) }
- A47B 88/0462 . . {with a couple of pivotally retractable roller supporting arms at the backside of the drawer }
- A47B 88/0466 . . {Rollers for slides or guides }
- A47B 88/047 . . {self-closing }
- A47B 88/0477 . . { Self-opening, e.g. by touch-latch, touch-touch or push push movements }
- A47B 88/0481 . . { both self-closing and self-opening }
- A47B 88/0485 . . {Vertically-oriented drawers }
- A47B 88/06 . . Drawers which can be rotated while or after sliding out
- A47B 88/08 . . with double extensible guides or parts
- A47B 88/10 . . . with rollers, ball bearings, wheels, or the like
- A47B 88/12 . . with other guiding mechanisms
- A47B 88/14 . . . with rollers, ball bearings, wheels, or the like
- A47B 88/16 . . with devices to prevent complete withdrawal

- A47B 88/18 . Drawers tiltably or pivotally arranged
- A47B 88/20 . Drawers with compartments { (partitions for show shelves [A47F 5/005](#)) }
- A47B 88/22 . Concealed drawers

- A47B 91/00 Feet for furniture in general ([castors B60B 33/00](#))**

- A47B 91/002 . {Mechanical means to move furniture easily, e.g. air cushioning means }
- A47B 91/005 . {Support bases }

- A47B 91/02 . Adjustable feet ([self-levelling A47B 91/16](#))
- A47B 91/022 . . {using screw means }
- A47B 91/024 . . . {Foot attached to a rotating bolt supported in an internal thread }
- A47B 91/026 . . . {Foot attached to a rotating nut supported on an external thread }
- A47B 91/028 . . . {Means for rotational adjustment on a non-rotational foot }

- A47B 91/04 . Elastic supports

- A47B 91/06 . Gliders or the like
- A47B 91/066 . . {Swivel gliders }

- A47B 91/08 . connected to the floor
- A47B 91/10 . . adapted to mounting on inclined floor

A47B 91/12 . Leg supports, e.g. cup-shaped, {also under castors }

A47B 91/14 . Devices on legs preventing ascent of insects

A47B 91/16 . Self-levelling legs

A47B 95/00 Fittings for furniture

A47B 95/002 . {Plinths, e.g. between furniture and ceiling or wall }

A47B 95/008 . {Suspension fittings for cabinets to be hung on walls }

A47B 95/02 . Handles { (similar handles for doors in general [E05B 1/0015](#)) }

A47B 95/04 . Keyplates; Ornaments or the like (rims specially adapted for table tops 13/08; keyplates in general [E05B 17/14](#))

A47B 95/043 . . {Protecting rims, buffers or the like }

A47B 96/00 Details of cabinets, racks or shelf units not covered by a single one of groups [A47B 43/00](#) to [A47B 95/00](#); General details of furniture (doors [E06B](#))

A47B 96/02 . Shelves (movable shelves coupled to doors [A47B 96/16](#))

A47B 96/021 . . {Structural features of shelf bases }

A47B 96/022 . . {Single-corner shelves; Brackets therefor }

A47B 96/024 . . {characterised by support bracket location means, e.g. fixing means between support bracket and shelf ([A47B 96/028](#) takes precedence) }

A47B 96/025 . . {Shelves with moving elements, e.g. movable extensions or link elements (cabinets, racks or shelf units enabling enlargement in height, length or depth [A47B 45/00](#)) }

A47B 96/027 . . {Cantilever shelves }

A47B 96/028 . . . {characterised by support bracket location means, e.g. fixing means between support bracket and shelf }

A47B 96/04 . Partition walls { (adjustable [A47B 57/58](#)) }

A47B 96/06 . Brackets or similar supporting means for cabinets, racks or shelves ({[A47B 96/022](#) takes precedence } ; aspects of adjusting height or inclination [A47B 57/00](#); {brackets for the display of articles [A47F 5/08](#) })

A47B 96/061 . . {Cantilever brackets }

A47B 96/062 . . {for glass shelves }

A47B 96/063 . . {C-shaped brackets for gripping the shelf edge }

A47B 96/065 . . . {adjustable to the thickness of the shelf }

A47B 96/066 . . {Supporting means received within an edge of the shelf }

A47B 96/067 . . {Horizontal rails as suspension means in a cantilever arrangement (suspension fittings for cabinets to be hung on walls [A47B 95/008](#)) }

A47B 96/068 . . {Very short brackets, quickly attachable or detachable to a vertical support surface }

- A47B 96/07 . . adjustable in themselves
- A47B 96/14 . Bars, uprights, struts, or like supports, for cabinets, brackets, or the like (aspects of adjusting height or inclination of shelves or brackets [A47B 57/00](#))
- A47B 96/1408 . . {regularly perforated }
- A47B 96/1416 . . {Uprights receiving panels and brackets (for show stands [A47F 5/10](#); for partitions [E04B 2/78](#)) }
- A47B 96/1425 . . {Uprights secured to ceiling and floor }
- A47B 96/1433 . . {Hollow members }
- A47B 96/1441 . . {Horizontal struts }
- A47B 96/145 . . {Composite members, i.e. made up of several elements joined together }
- A47B 96/1458 . . . {with perforations }
- A47B 96/1466 . . {with longitudinal grooves }
- A47B 96/1475 . . . {and perforations }
- A47B 96/1483 . . . {and radial arms }
- A47B 96/16 . Drawers or movable shelves coupled to doors
- A47B 96/18 . Tops specially designed for working on (table tops [A47B 13/08](#))
- A47B 96/20 . Furniture panels or like furniture elements
- A47B 96/201 . . {Edge features }
- A47B 96/202 . . {with a continuous layer allowing folding (foldable cabinets [A47B 43/00](#); foldable drawers [A47B 88/0018](#)) }
- A47B 96/205 . . {Composite panels, comprising several elements joined together }
- A47B 96/206 . . . {with laminates comprising planar, continuous or separate layers }

A47B 97/00 Miscellaneous furniture; Miscellaneous accessories for furniture

- A47B 97/001 . {Wall mounting or suspension arrangements for blackboards or the like (easels or stands [A47B 97/04](#)) }
- A47B 97/02 . Devices for holding or supporting maps, drawings, or the like, including means for preventing rolling-up
- A47B 97/04 . Easels or stands for blackboards or the like { (easels combined with seats [A47B 83/008](#)) }
- A47B 97/06 . . with means for balancing weight of blackboards or the like, e.g. connected to wall (means for balancing weight of drawing boards [A47B 27/00](#))
- A47B 97/08 . . foldable

Guidance heading:

A47B 2001/00 Extensible tables (extensible shelf units [A47B 46/00](#))

- A47B 2001/005 . with double drop-leaf with support legs rotating around a vertical axis
- A47B 2001/02 . with insertable leaves {arranged in the centre } and fixed frames

- A47B 2001/025 . . . the outer leaves moved simultaneously by a pulley and cable system
- A47B 2001/03 . . . the leaves being foldable or revolvable
- A47B 2001/035 . . . the extension leaves being unfoldable
- A47B 2001/04 . . with supplementary leaves or drop leaves {arranged at the periphery ([A47B 1/08](#) takes precedence) }
- A47B 2001/05 . . . the leaves being extensible by drawing-out
- A47B 2001/053 . . . and liftable to the same height as the main table leaf
- A47B 2001/08 . . with extensible frames {or with additional legs }
- A47B 2001/085 . . with draw-leaf supported by additional legs
- A47B 2001/10 . . Slide mechanisms
- A47B 2001/105 . . with a pinion and rack gear
- A47B 2003/00** **Folding or stowable tables** (folded and suspended or hinged, or wall tables [A47B 5/04](#); with tops of variable height [A47B 9/00](#); foldable service or tea tables [A47B 31/04](#))
- A47B 2003/002 . . {with foldable underframe }
- A47B 2003/004 . . . of the umbrella type
- A47B 2003/006 . . . having X/Y-crossed legs rotating around a central vertical axis
- A47B 2003/008 . . the underframe parts being stored in recesses in the underside of the table top
- A47B 2003/02 . . with foldable cross legs (adjustable for varying height of tops [A47B 9/16](#))
- A47B 2003/025 . . . pivoting to a position underneath the tabletop
- A47B 2003/04 . . with flexible roll-tops
- A47B 2003/045 . . . and crossed legs
- A47B 2003/08 . . with legs pivoted to top or underframe
- A47B 2003/0803 . . {the legs rotating around a vertical axis ([A47B 3/083](#), [A47B 3/087](#) and [A47B 3/091](#) take precedence) }
- A47B 2003/0806 . . . and the table top rotating around a horizontal axis
- A47B 2003/0821 . . the leg holder being mounted to underside of the table top
- A47B 2003/0824 . . the table legs being individually collapsible against the underside of the table top
- A47B 2003/0827 . . having means for holding U-shaped legs in storage position, i.e. parallel to the underside of the table top
- A47B 2003/083 . . with foldable top leaves
- A47B 2003/0835 . . . being superimposed, hinged and foldable
- A47B 2003/14 . . Foldable table and seat units { (folding school forms [A47B 39/06](#); tables combined with seats [A47B 83/02](#)) }
- A47B 2003/145 . . with folding table top
- A47B 2005/00** **Suspended or hinged panels forming a table; Wall tables** (bed tables [A47B 23/00](#); {adapted for use in vehicles [A47B 31/06](#) }; in combination with other furniture [A47B 83/00](#); arm-rest tables for chairs [A47C](#))

- A47B 2005/003 . Ceiling suspended tables

- A47B 2009/00 **Tables with tops of variable height** ({lecterns with variable height [A47B 19/06](#); school forms or desks with variable height [A47B 39/02](#), [A47B 41/02](#) }; seats with variable height [A47C 3/20](#))

- A47B 2009/003 . with inclined slidable surfaces

- A47B 2009/006 . of two distinct heights, e.g. coffee table - dining table

- A47B 2009/04 . with vertical spindle
- A47B 2009/043 . . with means connecting the spindles of the various legs
- A47B 2009/046 . . with gearbox

- A47B 2009/06 . with vertical toothed rack
- A47B 2009/065 . . having rack and pinion

- A47B 2009/08 . with clamps acting on vertical rods
- A47B 2009/083 . . {with spreading means inside a tube }
- A47B 2009/086 . . . having ballbearings interacting with a conical surface

- A47B 2009/14 . with pins coacting with holes
- A47B 2009/145 . . with pin moving in a sliding trombone

- A47B 2009/18 . with additional top or additional legs for varying the height of the top
- A47B 2009/185 . . being positioned between the table top and the legs or underframe

- A47B 2013/00 **Details of tables or desks** (drawers [A47B 88/00](#); feet for furniture in general [A47B 91/00](#))

- A47B 2013/003 . {Connecting table tops to underframes (connecting furniture tubing to non-tubular parts [F16B 12/42](#)) }
- A47B 2013/006 . . to hollow tubular profiles

- A47B 2013/02 . Underframes
- A47B 2013/021 . . {Fastening devices of the feet ([A47B 13/023](#) takes precedence) }
- A47B 2013/022 . . . with detachable connection of a tubular leg
- A47B 2013/023 . . {with a central column }
- A47B 2013/024 . . . being assembled to a base
- A47B 2013/025 . . . having radial feet assembled to the base of the column
- A47B 2013/026 . . having three or four legs connected in a central knot
- A47B 2013/027 . . . without additional connecting element
- A47B 2013/028 . . held together by screw-threaded tie rod

- A47B 2013/08 . Table tops; Rims therefor (not restricted to table tops [A47B 95/04](#))
- A47B 2013/083 . . {Rims for table tops }

A47B 2013/085	...	having a mounting web
A47B 2013/12	..	Transparent tops, {e.g. with lighting means under the table top }
A47B 2013/125	...	with incorporated advertising
A47B 2019/00		Reading-desks; Lecterns; Pulpits, {i.e. free-standing }
A47B 2019/002	.	{Free-standing music stands (leaf turners or devices for holding books open B42D 9/00 ; with movable strip reading apparatus B42D 19/00) }
A47B 2019/004	..	with adjustable feet
A47B 2019/006	..	with supplemental support device
A47B 2019/008	..	with antenna-like telescopic stem
A47B 2021/00		Tables or desks {for office equipment, e.g. typewriters, keyboards }
A47B 2021/007	.	with under-desk displays, e.g. displays being viewable through a transparent working surface of the table or desk
A47B 2021/0076	..	the screen being incorporated in the desk top
A47B 2021/03	.	with substantially horizontally extensible or adjustable parts other than drawers, e.g. leaves
A47B 2021/0307	..	Platforms for supporting office equipment and wrists
A47B 2021/0314	..	{ Platforms for supporting office equipment }
A47B 2021/0321	...	Keyboard supports
A47B 2021/0328	....	of the pantograph type
A47B 2021/0335	....	mounted under the worksurface
A47B 2021/0342	.....	having one double articulated arm
A47B 2021/035	.....	having double articulated arms
A47B 2021/0357	....	incorporated in the desktop
A47B 2021/0364	...	Keyboard and monitor supports
A47B 2021/0371	..	{ Platforms for supporting wrists }
A47B 2021/0378	...	filled with liquid or gel
A47B 2021/0385	...	combined with pointing device, e.g. mouse
A47B 2021/0392	...	height adjustable
A47B 2021/06	.	characterised by means for holding, fastening or concealing cables
A47B 2021/062	..	the worksurface moving forward to expose the wire gutter, e.g. up and forward
A47B 2021/064	..	with power rail running along the back of the desk top and projecting upwards
A47B 2021/066	..	with power or communication connection interface
A47B 2021/068	...	with pop-up power outlet
A47B 2023/00		Bed-tables; Trays; Reading-racks; Book-rests, {i.e. items used in combination with something else }
A47B 2023/005	.	Laptop cases with folding legs forming a table

A47B 2023/007	. {Overhead reading-racks or book-rests }
A47B 2023/008	.. having a transparent book support
A47B 2023/04	. supported from table, floor or wall
A47B 2023/042	.. {Book-rests or note-book holders resting on tables (releasably mounted A47B 23/02) }
A47B 2023/045	... made of metal wires
A47B 2023/046	.. {C-shaped bed tables, e.g. foldable }
A47B 2023/047	... with pivoting top plate
A47B 2023/048	.. U-shaped bed tables
A47B 2023/049	.. Desk stand for laptop computer
A47B 2025/00	Card tables; Tables for other games
A47B 2025/003	. {for table tennis }
A47B 2025/006	.. with retractable wheels
A47B 2031/00	Service or tea tables, trolleys, or wagons ({serving trays A47G 23/06 }; features relating to running gear or to movement by hand B62B)
A47B 2031/002	. Catering trolleys
A47B 2031/003	. with drawers, trays or shelves
A47B 2031/004	. having four vertical uprights
A47B 2031/005	.. with movable trays
A47B 2031/006	. Medication carts
A47B 2031/007	. for carrying plates
A47B 2031/008	. Outdoor serving carts
A47B 2031/02	. with heating, cooling or ventilating means
A47B 2031/023	.. being dockable to a stationary refrigeration and heating unit
A47B 2031/026	.. having warm and cold compartments
A47B 2037/00	Tables adapted for other particular purposes { (glass cutting tables C03B 33/03) }
A47B 2037/005	. Tables specially adapted for laboratories
A47B 2051/00	Cabinets with means for moving compartments up and down { (for cabinets with parts rotating about a horizontal axis A47B 46/005; for show or display A47F 3/06) }
A47B 2051/005	. Ceiling mounted containers
A47B 2063/00	Cabinets, racks or shelf units, specially adapted for storing books, documents,

forms, or the like

[A47B 2063/005](#) . rotatable around a vertical axis

A47B 2067/00 Chests; Dressing-tables; Medicine cabinets or the like; Cabinets characterised by the arrangement of drawers

[A47B 2067/02](#) . Cabinets for shaving tackle, medicines, or the like

[A47B 2067/025](#) . . having safety means

A47B 2077/00 Kitchen cabinets ([tops specially designed for working on A47B 96/18](#))

[A47B 2077/02](#) . General layout, e.g. relative arrangement of compartments, working surface or surfaces, supports for apparatus ([A47B 77/08 takes precedence](#); {combinable furniture units [A47B 87/00](#) })

[A47B 2077/022](#) . . {Work tops }

[A47B 2077/025](#) . . . Fixing means therefore

[A47B 2077/027](#) . . . with integrated backsplash

A47B 2083/00 Combinations comprising two or more pieces of furniture of different kinds

[A47B 2083/001](#) . {Office desks or work-stations combined with other pieces of furniture, e.g. work space management systems }

[A47B 2083/003](#) . . Table combination having a central power access component

[A47B 2083/005](#) . . Office wall with desktop function

[A47B 2083/006](#) . . . having an incorporated display screen

[A47B 2083/02](#) . Tables combined with seats ([foldable table and seat units A47B 3/14](#))

[A47B 2083/025](#) . . Computer workstation with integrated seat

A47B 2087/00 Sectional furniture, i.e. combinations of complete furniture units, {e.g. assemblies of furniture units of the same kind such as linkable cabinets, tables, racks or shelf units ([switchboards or switch cubicles for the distribution of electric power H02B](#)) }

[A47B 2087/002](#) . {Combination of tables; Linking or assembling means therefor }

[A47B 2087/004](#) . . Table combination leaving a central opening

[A47B 2087/02](#) . stackable; {stackable and linkable (by means of separate corner elements being in common with both the vertical and horizontal parts, e.g. corner bars for panels, nodes for rods [A47B 47/0016](#), [A47B 47/0025](#)) }

[A47B 2087/0207](#) . . {Stackable racks, trays or shelf units }

[A47B 2087/0223](#) . . . {Shelves stackable by means of poles or tubular members as distance-holders therebetween }

[A47B 2087/023](#) the shelves being held in intermediate connection elements between the tubular members

[A47B 2087/0238](#) the intermediate connection elements supporting more than one shelf

- A47B 2088/00** **Drawers for tables, cabinets or like furniture; Guides for drawers** (63/02 takes precedence; drawers coupled to doors [A47B 96/16](#); {locks for drawers, e.g. anti-tilt interlock [E05B 65/46](#) })
- [A47B 2088/0007](#) . Drawers having additional side walls mountable on existing side walls
- [A47B 2088/0011](#) . Covers for drawers preventing access to the interior
- [A47B 2088/0014](#) . {Drawers being constructed from two or more parts }
- [A47B 2088/0033](#) . . Drawers being held together by tension rods or elements
- [A47B 2088/0037](#) . . Corner connectors for drawers
- [A47B 2088/004](#) . . Connectors between bottom wall and side walls
- [A47B 2088/0044](#) . {Drawers characterized by the front panel arrangements }
- [A47B 2088/0048](#) . . the front panel being less wide than the drawer
- [A47B 2088/0051](#) . . {Specific connection means for the drawer front }
- [A47B 2088/0059](#) . . . having male and female interlocking parts
- [A47B 2088/0062](#) . . . having two parts and using a screw
- [A47B 2088/0066](#) . . . fastening the front panel to a metal sheet side wall
- [A47B 2088/007](#) . . . fastening the front panel by a sprung bolt, latch or lock-bolt
- [A47B 2088/0074](#) . . . fastening the front panel using a toggle-lever
- [A47B 2088/0077](#) . Drawers having a gasket or sealing means arranged on the front panel
- [A47B 2088/0081](#) . Drawers having a lifting mechanism
- [A47B 2088/0085](#) . {Railings for drawers }
- [A47B 2088/0088](#) . . Connection means for railings
- [A47B 2088/0092](#) . . . to the front panel of a drawer
- [A47B 2088/0096](#) . . . to the back wall of a drawer
- [A47B 2088/02](#) . Coupled drawers
- [A47B 2088/023](#) . . Secondary drawer being in or above a primary drawer
- [A47B 2088/026](#) . . . Coupling means therefor
- [A47B 2088/04](#) . Sliding drawers; Slides or guides therefor
- [A47B 2088/0403](#) . . Drawers being extractable on at least two sides of the cabinet
- [A47B 2088/0418](#) . . {Fastening devices for slides or guides }
- [A47B 2088/0422](#) . . . {at drawer side }
- [A47B 2088/0425](#) ensuring a correct connection at the moment when the drawer is coupled to the drawer rail
- [A47B 2088/0429](#) the drawer being detachable as a whole from a slide frame
- [A47B 2088/0433](#) at drawer front via latch means or locking lever
- [A47B 2088/0437](#) Quick-release clip
- [A47B 2088/0444](#) . . . having a latch mechanism coupling or disconnecting a drawer with drawer side

	slide from the rest of the slide members
A47B 2088/0448	.. Slides or guides for wire baskets
A47B 2088/0459	.. with magnets holding the drawer in closed position
A47B 2088/047	.. {self-closing }
A47B 2088/0474	... with detent or emboss on slide
A47B 2088/0485	.. {Vertically-oriented drawers }
A47B 2088/0488	... the bottom, cabinet side slide having a U-shape section opening upwards
A47B 2088/0492	... Fittings for connecting the front panel
A47B 2088/0496	.. Furniture base drawers or drawers with plinths
A47B 2088/20	. Drawers with compartments { (partitions for show shelves A47F 5/005) }
A47B 2088/202	.. Partition walls and holders therefore
A47B 2088/205	... with separate holders
A47B 2088/207	... with stamped sheet metal holding the partition walls
A47B 2091/00	Feet for furniture in general (castors B60B 33/00)
A47B 2091/007	. fixed by a tubular dowel sleeve
A47B 2091/06	. Gliders or the like
A47B 2091/063	.. self-adhesive
A47B 2095/00	Fittings for furniture
A47B 2095/002	. {Plinths, e.g. between furniture and ceiling or wall }
A47B 2095/004	.. Base plinths
A47B 2095/006	. having dowels and expansion plugs
A47B 2095/02	. Handles { (similar handles for doors in general E05B 1/0015) }
A47B 2095/021	.. Pivotal handles with one socket
A47B 2095/022	.. Pivotal handles with two sockets
A47B 2095/023	.. having blind holes at both end sections
A47B 2095/024	.. Drawer handles
A47B 2095/025	... with integrated label
A47B 2095/026	.. built-in
A47B 2095/027	.. being recessed or flush in sheet metal panel
A47B 2095/028	.. Knobs
A47B 2095/04	. Keyplates; Ornaments or the like (rims specially adapted for table tops 13/08; keyplates in general E05B 17/14)
A47B 2095/043	.. {Protecting rims, buffers or the like }
A47B 2095/046	... of the snap-on type
A47B 2096/00	Details of cabinets, racks or shelf units not covered by a single one of groups A47B 43/00 to A47B 95/00; General details of furniture (doors E06B)

- A47B 2096/14 . Bars, uprights, struts, or like supports, for cabinets, brackets, or the like ([aspects of adjusting height or inclination of shelves or brackets A47B 57/00](#))
- A47B 2096/1491 . . having a T-section
- A47B 2096/20 . Furniture panels or like furniture elements
- A47B 2096/202 . . {with a continuous layer allowing folding ([foldable cabinets A47B 43/00](#); [foldable drawers A47B 88/0018](#)) }
- A47B 2096/203 Profiled sections
- A47B 2096/204 using an insert
- A47B 2096/207 . . Furniture panels consisting of a frame with interchangeable insertable panel
- A47B 2096/208 . . Decorative panels for household appliances
- A47B 2096/209 . . Magnetic decorative panels

A47B 2097/00 Miscellaneous furniture; Miscellaneous accessories for furniture

- A47B 2097/003 . Cable holders; cable organisers
- A47B 2097/005 . Monitor mounted supports or stands
- A47B 2097/006 . Computer holding devices
- A47B 2097/008 . Anti-tip devices

Guidance heading:

A47B 2200/00 General construction of tables or desks

- A47B 2200/0001 . Tops
- A47B 2200/0002 . . Corner desk
- A47B 2200/0003 . . Triangular or trapezoidal desk surface to join desks
- A47B 2200/0004 . . Two-piece protecting frame for worktops
- A47B 2200/0005 . . Removable or adjustable front edges for desktop
- A47B 2200/0006 . . Storage channel at table edge
- A47B 2200/0007 . . Drip-off edge
- A47B 2200/0008 . . Pop-up keyboard tray incorporated into a desktop
- A47B 2200/0009 . . Plate and dish warming plates embedded in table top
- A47B 2200/001 . . Manufacture of table tops
- A47B 2200/0011 . Underframes
- A47B 2200/0012 . . Lateral beams for tables or desks
- A47B 2200/0013 . . Desks with central bearing beams
- A47B 2200/0014 . . Dismountable central or lateral longitudinal members linking two pairs of legs to frame
- A47B 2200/0015 . . Table underframe adjustable in depth and in width

- A47B 2200/0016 . . Trestles or trestle tables
- A47B 2200/0017 . . Nodal leg assembly for table
- A47B 2200/0018 . . . in two parts
- A47B 2200/0019 . . Auxiliary use of table underframes, e.g. incorporating: cooling, drainage, air supply or wires
- A47B 2200/002 . . Legs
- A47B 2200/0021 . . . Tables or desks of the single column type
- A47B 2200/0022 Central column leg assembly composed of several segments
- A47B 2200/0023 Columnar component for computer, stand or trolley
- A47B 2200/0025 Hinge for pivotable, single column table top
- A47B 2200/0026 . . . Desks with C-shaped leg
- A47B 2200/0027 . . . Desks with I-shaped leg
- A47B 2200/0028 . . . Attachment of desk lateral uprights
- A47B 2200/0029 . . . Desks with inversed T-leg
- A47B 2200/003 . . . Assembly of tables or desks with a common leg
- A47B 2200/0031 . . . Table with knee type tubular leg
- A47B 2200/0032 . . . Triple or quadruple leg assembly with intermediary node, e.g. retained by a ring
- A47B 2200/0033 . . . Securing a U-formed table leg under the table top
- A47B 2200/0034 . . . Spring loaded "push-push" latch assembly for table leg
- A47B 2200/0035 . . Tables or desks with features relating to adjustability or folding
- A47B 2200/0036 . . Table tops pivotable around longitudinal axis
- A47B 2200/0037 . . Folding tables whereby each pair of legs and modesty panel are swung against the underside of the desktop
- A47B 2200/0038 . . Office equipment platform moving on rollers on desktop
- A47B 2200/0039 . . Two position height adjustable table
- A47B 2200/004 . . Top adjustment
- A47B 2200/0041 . . . Height adjustable table top with parallel link arms
- A47B 2200/0042 . . . Height and inclination adjustable desktop, either separately or simultaneously
- A47B 2200/0043 . . . Inclination adjustable work top
- A47B 2200/0044 . . . Inclination work surface around a mobile axis
- A47B 2200/0045 . . . Extensible table surface area with two table tops - centering the weight of the extended table by translation and rotation of the overlying table tops
- A47B 2200/0046 . . . Desks with double worktop of which one at least is separately height adjustable
- A47B 2200/0047 . . . Extension leaf swiveling on two support arms
- A47B 2200/0048 . . . Concealable top fixed on a bedside table or similar
- A47B 2200/005 . . Leg adjustment
- A47B 2200/0051 . . . Telescopic
- A47B 2200/0052 with two telescopic parts
- A47B 2200/0053 Flat lifting device for desks with two telescopic sections
- A47B 2200/0054 with three telescopic parts
- A47B 2200/0055 with a pair of telescoping legs, having a height-adjustable latching mechanism between the pair of legs
- A47B 2200/0056 . . . with a motor, e.g. an electric motor

A47B 2200/0057	....	situated under the worktop
A47B 2200/0058	....	with synchronized motors
A47B 2200/0059	....	in telescoping table legs
A47B 2200/006	....	with table or desk equipped with limit switches
A47B 2200/0061	...	Height-adjustable desk, electronically regulated with no mechanical link between the legs
A47B 2200/0062	...	Electronically user-adaptable, height-adjustable desk or table
A47B 2200/0063	...	Table leg assembly horizontally displaceable along a longitudinal groove with adaptable attachment
A47B 2200/0064	...	Table leg assembly held in folded position by tension means
A47B 2200/0065	...	Bellows for desk legs
A47B 2200/0066	.	Workstations
A47B 2200/0067	..	Enclosure type with computer
A47B 2200/0068	...	Cabinet enclosure
A47B 2200/0069	...	with rack
A47B 2200/007	...	with incorporated desk and chair
A47B 2200/0071	...	Booth like
A47B 2200/0072	..	Computer work stations with integrated seat or chair
A47B 2200/0073	..	Desk with integrated computer
A47B 2200/0075	..	Computer kiosks or stands
A47B 2200/0076	..	Vertical technical column supporting office equipment
A47B 2200/0077	..	Tables or desks with drawers supporting portable computers
A47B 2200/0078	..	Control consoles or desks
A47B 2200/0079	..	Conference or video conference table
A47B 2200/008	.	Tables or desks having means for applying electronic or electric devices
A47B 2200/0081	..	Auxiliary apparatus with electrical connections for office furniture
A47B 2200/0082	..	Cable inlet in worktop or desk, e.g. grommet
A47B 2200/0083	..	Cable or current inlet for drawer or shelf
A47B 2200/0084	.	Accessories for tables or desks
A47B 2200/0085	..	Supplementary support fixed on the edge of a desk or table
A47B 2200/0086	..	Supplementary support fixed to the extension of a table leg
A47B 2200/0087	..	Additional support mounted on an office desk or table periphery with parts resting on the ground
A47B 2200/0088	..	Appliance support having rotary joint or articulated connection
A47B 2200/0089	..	Keyboard support on screen
A47B 2200/009	..	Keyboards associated with mousepads
A47B 2200/0091	..	Wrist support for movement in the X-Y plane in front of a keyboard
A47B 2200/0092	..	Articulated arm used as wrist support
A47B 2200/0093	..	Wrist pad cover
A47B 2200/0094	..	Copyholder for VDU screen
A47B 2200/0095	..	Computer mouse platform

- A47B 2200/0096 . . Workstation with integrated knee-seat
- A47B 2200/0097 . . Foot rest being part of desk
- A47B 2200/0098 . . Detached foot rests for under desk

- A47B 2200/01 . Office wall with desktop function

- A47B 2200/02 . Dining tables with central food presentation shelf

- A47B 2200/03 . Dining tables with food waste collection

- A47B 2200/04 . Television stands or tables

- A47B 2200/05 . Service tables resting on the floor and also being fixed or related to an item of furniture

- A47B 2200/06 . Desks with inlet and evacuation of air

- A47B 2200/07 . Desks with parallel panels, decor panels

- A47B 2200/08 . Linkage means with struts between foot and table top

- A47B 2200/09 . Combined attachment of a frame, a storage tray and a work surface of a desk

- A47B 2200/11 . Storing chairs in or around tables

- A47B 2200/12 . Vanity or modesty panels

- A47B 2200/13 . Table and chair assembly for disabled persons, used as workplace

- A47B 2200/14 . Aquarium table

Guidance heading: Details of furniture (of tables or desks [A47B 13/00](#); furniture joints [F16B](#))

A47B 2210/00 General construction of drawers, guides and guide devices

- A47B 2210/0002 . Guide construction for drawers
- A47B 2210/0005 . . having a single drawer slide centrally positioned under the drawer bottom
- A47B 2210/0008 . . having a roller on an intermediary slide rail between the cabinet rail and the drawer rail
- A47B 2210/001 . . having a roller on the intermediate drawer rail, between the upper and lower rail
- A47B 2210/0013 . . having a pinion on the intermediate drawer rail, between the upper and lower rail
- A47B 2210/0016 . . Telescopic drawer slide latch device
- A47B 2210/0018 . . Buffers, stop blocks or latches for single drawer slides
- A47B 2210/0021 . . Slide with punched part
- A47B 2210/0024 . . Slides, guides for wire basket or drawer
- A47B 2210/0027 . . Drawers with coupled rear wheels
- A47B 2210/0029 . . Guide bearing means
- A47B 2210/0032 Balls

A47B 2210/0035	....	cages therefor, e.g. for telescopic slides
A47B 2210/0037	...	Rollers
A47B 2210/004	....	cages therefor, e.g. for telescopic slides
A47B 2210/0043	...	Wheels
A47B 2210/0045	....	whereof only one per slide
A47B 2210/0048	...	Pinion
A47B 2210/0051	..	Guide position
A47B 2210/0054	...	Adjustment of position of slides
A47B 2210/0056	...	Guide located at the bottom of the drawer
A47B 2210/0059	...	Guide located at the side of the drawer
A47B 2210/0062	...	Guide located at the top of the drawer
A47B 2210/0064	..	Guide sequencing or synchronisation
A47B 2210/0067	...	Two slide synchronisation
A47B 2210/007	...	Three slide synchronisation
A47B 2210/0072	...	Coordinating mechanisms for sequential drawer slides, e.g. by cable
A47B 2210/0075	....	using gears
A47B 2210/0078	...	Drawers with parallel guidance or synchronization by pinion-shaft linkages
A47B 2210/0081	...	Telescopic drawer rails with stop blocks, e.g. synchronization buffers
A47B 2210/0083	...	Drawer symmetric movement on opposite telescopic rails
A47B 2210/0086	.	Drawer safety devices
A47B 2210/0089	..	Safety devices for drawers, e.g. anti-pinch
A47B 2210/0091	.	Drawer movement damping
A47B 2210/0094	..	Drawer damping device with 2 relatively movable parts to convert kinetic energy
A47B 2210/0097	..	Ball or roller cage incorporating damping means.
A47B 2210/01	.	Drawer chassis or frame
A47B 2210/02	.	Drawers with hollow lateral walls in two parts
A47B 2210/03	.	Drawers with profiled bottoms
A47B 2210/04	.	Metal wire drawers
A47B 2210/05	.	Metal wire baskets for vertical drawers
A47B 2210/06	.	Drawer liners
A47B 2210/07	.	Drawers with sliding trays
A47B 2210/08	.	Covers or lids for sliding drawers
A47B 2210/09	.	Attachment means
A47B 2210/091	..	between slides and drawer bottoms
A47B 2210/092	..	between side walls and drawer bottoms

- A47B 2210/094 . . . the side walls being metal
- A47B 2210/095 . . between metal drawer walls or slides and wood bottom using stamped out teeth
- A47B 2210/097 . . of drawer bottoms in grooves formed in side walls or combination of side walls and slides
- A47B 2210/098 . . of lateral walls or slides in grooves on peripheries of drawer bottoms
- A47B 2210/15 . Keyboard drawers
- A47B 2210/16 . Sliding drawers being part of the furniture base
- A47B 2210/17 . Drawers used in connection with household appliances
- A47B 2210/175 . . Refrigerators or freezers
- A47B 2210/19 . Drawers in a casing being stackable in modular arrangements
- A47B 2220/00 General furniture construction, e.g. fittings**
- A47B 2220/0002 . Adjustable furniture construction
- A47B 2220/0005 . . Concealed shelf fixed on bedside cabinet or the like
- A47B 2220/0008 . . Table or tray, height adjustable on parasol pole
- A47B 2220/0011 . . Cupboards with horizontally displaceable inserts which can then be pivoted around a vertical axis
- A47B 2220/0013 . . Table or cupboards with upwardly concealable compartments
- A47B 2220/0016 . Book stands
- A47B 2220/0019 . . One-piece collapsible book stands made of lightweight material, such as cardboard, by stamping or molding
- A47B 2220/0022 . Slides
- A47B 2220/0025 . . having telescoping guides with friction reducing pieces, e.g balls between inner and outer profiles
- A47B 2220/0027 . Feet
- A47B 2220/003 . . Height-adjustable feet or gliders for tables or desks
- A47B 2220/0033 . . feet or slides for horizontal arms of a table or desk foot assembly
- A47B 2220/0036 . Brackets
- A47B 2220/0038 . . Brackets having a pincer shape supporting a cantilever shelf
- A47B 2220/0041 . . Short shoulder brackets for shelves
- A47B 2220/0044 . . Brackets with frangible elements
- A47B 2220/0047 . Handles
- A47B 2220/005 . . Lighting for furniture handles
- A47B 2220/0052 . Panels
- A47B 2220/0055 . . Furniture made of several parallel slats, hinged together by transverse rods passed through respective ends of slats
- A47B 2220/0058 . . Furniture panels with assembly holes

- A47B 2220/0061 . Accessories
- A47B 2220/0063 . . Corner strips for worktops
- A47B 2220/0066 . . Glide-shoes for furniture and not for feet
- A47B 2220/0069 . . Hinges
- A47B 2220/0072 . . . Hinges for furniture

- A47B 2220/0075 . Lighting
- A47B 2220/0077 . . Lighting for furniture, e.g. cupboards and racks

- A47B 2220/008 . characterised by materials
- A47B 2220/0083 . . Furniture made of sheet material
- A47B 2220/0086 . . . made of cardboard
- A47B 2220/0088 . . Furniture made of bamboo or rattan

- A47B 2220/0091 . Electronic or electric devices
- A47B 2220/0094 . . Bed, service tables or book-rests with electric items
- A47B 2220/0097 . . Remote control for furniture, e.g. tables or shelves

- A47B 2220/01 . Furniture enclosures comprising or containing other furniture

- A47B 2220/02 . Modular elements comprising U C and V sections for furniture

- A47B 2220/03 . Combined cabinets and wash basins

- A47B 2220/04 . Storage space, cupboards, desks or the like to be used under a staircase

- A47B 2220/05 . Furniture provided with a ladder

- A47B 2220/06 . Treadmill combined with furniture

- A47B 2220/07 . Table-chair combinations transformable to benches or chairs with backs

- A47B 2220/08 . Dismountable cupboards with balanced sliding fronts

- A47B 2220/09 . Furniture held together by tension cables

- A47B 2220/11 . Tripod parts

- A47B 2220/12 . Embedded rails

- A47B 2220/13 . Sound or noise reduction or dampening, e.g. built in via the furniture panels.

- A47B 2230/00 Furniture jointing; Furniture with such jointing**

- A47B 2230/0003 . Adjustable furniture jointing
- A47B 2230/0007 . . Eccentric shelves supports for shelves levelling
- A47B 2230/0011 . . Hooks and loops as in hook and look-type fastener

- A47B 2230/0014 . . Height or width adjustment using eccentric mechanisms
- A47B 2230/0018 . . Screws or bolts sliding in sectional grooves
- A47B 2230/0022 . . . with tightening devices
- A47B 2230/0025 . . . with shoes in said grooves
- A47B 2230/0029 . Dowels
- A47B 2230/0033 . . Expansible dowels or dowel-pins
- A47B 2230/0037 . . Dowels or dowel-pins
- A47B 2230/004 . . . with resin or glue
- A47B 2230/0044 . . Fastening elements comprising radially expansible plugs by rotation therein of inserted pins
- A47B 2230/0048 . . Fastening elements comprising plugs, radially expansible by eccentric pins inserted therein
- A47B 2230/0051 . . Two-piece dowels
- A47B 2230/0055 . Biscuits including formed staples or the like
- A47B 2230/0059 . . Biscuits
- A47B 2230/0062 . . Connectors for adjacent furniture parts, the mouths of the grooves for said connectors being on the join lines of said furniture parts
- A47B 2230/0066 . . . said connectors being secured with screws
- A47B 2230/007 . . Fastening of two furniture parts with self-cutting connectors, whose respective wings are inserted in grooves, whose mouths are on the join lines of the said furniture parts
- A47B 2230/0074 . Mortise and tenon joints or the like including some general male and female connections
- A47B 2230/0077 . . Interlocking assemblies with dovetail mortise grooves
- A47B 2230/0081 . . Mortise and tenon type joints with some general male and female joints
- A47B 2230/0085 . . Mutually slotted furniture joints
- A47B 2230/0088 . . . for table frames or frames with cut-out leg sections which retain the slotted joints
- A47B 2230/0092 . . Furniture assembled by mutually slotted joints
- A47B 2230/0096 . . Assembling sheet parts by male and female parts formed in the sheet thickness
- A47B 2230/01 . . Assemblies of strip sections, able to hold panels and corner parts for furniture
- A47B 2230/02 . . Assembly systems with separate fixing devices on each corner wall and a common corner joining element
- A47B 2230/03 . . Nodal three-dimensional corner pieces for desks
- A47B 2230/04 . . Cubic corner parts joining sectional strips for furniture
- A47B 2230/05 . . Oblique angled wall or upright mount
- A47B 2230/06 . . Furniture rear walls attached in grooves
- A47B 2230/07 . . Releasable locking means or connectors for fastening together parts of furniture

- A47B 2230/08 . Clamping of spaced shelves on columns using screw means
- A47B 2230/09 . O-rings or sleeves as connection parts
- A47B 2230/11 . Attachment fittings mounted in blind holes
- A47B 2230/12 . Furniture fittings in two blind holes
- A47B 2230/13 . Toggle or over-center latches for furniture
- A47B 2230/14 . Furniture connections by means of two half-shells
- A47B 2230/15 . Joining of sectional members by means of inner tensioning rods
- A47B 2230/16 . Interlocking or wedging elements making up pieces of furniture without additional fasteners