
Universal Decimal Classification

English full edition

Fourth international edition

FID publication no. 179

UDC 682 Smithery. Farriery. Hand-forged
ironwork

UDC 683 Ironmongery. Hardware. Locksmithing.
Gunsmithing. Bottling. Lamps. Stoves

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BS 1000 [682/683] : March 1973

UDC 025.45 : 682/683

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Amendments issued since publication

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Foreword

The English version of the Universal Decimal Classification (UDC) is being prepared and published as BS 1000 by the British Standards Institution (BSI) at the original joint request of the British Society for International Bibliography (BSIB) and the Association of Special Libraries and Information Bureaux (ASLIB), now amalgamated as Aslib. It has the approval of the Education Foundation, Lake Placid Club, New York, proprietors of the Dewey Decimal Classification, from which the UDC derives. The first English Full Edition is the fourth international edition, authorized by the Fédération Internationale de Documentation (FID), The Hague, Netherlands.

This section is part of the English Full Edition. It should be used in conjunction with the Abridged English Edition, BS 1000A, which refers to many other subjects of interest not listed in this schedule, and provides a conspectus of the whole scheme, together with an introduction to its use. For further practical information about the principles, application and utilization of the scheme, users should refer to BS 1000C.

This edition of UDC 682/683 includes modifications authorized in 'Extensions and Corrections to the UDC' up to and including Series 8, No. 2, dated September 1972. Subsequent issues of 'Extensions and Corrections to the UDC' should be consulted to keep the schedules up to date. Further information about this and other UDC publications is given on page 24. British Standards related to this part of BS 1000 are listed on the inside back cover.

Scope

Under 682 is classed information about smithery, especially ironwork, and farriery, only in the sense of shoe-smithing; other aspects of the care of horses are classed under 636.1.

Under 683 is classed information about various kinds of ironmongery and hardware, including locksmithing, armoury, fuel lamps and stoves, and about accessories for bottling and dispensing drinks and liquids in the broadest sense, including filling and dispensing devices and their production, drinking vessels, closures, cleaning equipment etc.

Related subjects

621.3	Electrical engineering
621.56	Refrigeration technology
621.6	Fluid handling, storage and distribution plant and equipment
621.7	Workshop practice
621.88	Mechanical attachment and fixings
621.97	Hammers. Presses
622	Mining and mineral dressing
623	Military and naval engineering. Ordnance. Arms production

628	Public health engineering
636	Animal breeding
64	Home economics
66.0	Process technology. Chemical engineering
662.6/.9	Fuels
663	Beverages. Stimulants. Narcotics
666	Glass and allied industries
669	Metallurgy
671	Articles of precious metals and precious stones
672	Articles of iron and steel in general
673	Articles of non-ferrous metals other than precious metals
674.4	Cooperage
676.868	Paper tubs etc—Pulp and paper industry
684	Furniture and allied trades
688.6	Light shades etc—Fancy goods
69	Building
739	Art metalwork

Auxiliary signs and subdivisions

Full information about the common and special auxiliary signs and subdivisions (often abbreviated to 'common and special auxiliaries') will be found in BS 1000A and BS 1000C.

Colon sign of relation. For the classification of information for the public, as in abstracts and bibliographies, maximum use of colon combinations rather than of common or special auxiliaries is recommended. The use of the colon sign of relation is preferable for multiple entry systems, as it will help prevent the concealment of information. This usually results in longer notation, however, and for information for more restricted use, the application of auxiliaries, where available, may be simpler and more convenient provided that there is an adequate alphabetical subject index.

Common auxiliaries. The common auxiliaries of language = . . . , form (0 . . .), place (1 /9), race and nationality (= . . .), time " . . . ", point of view .00 . . . , materials -03 . . . and persons -05 . . . are applicable throughout the UDC. However, they should be used mainly to express concepts not otherwise provided for in the schedules.

Special auxiliaries. Special auxiliary subdivisions are provided at 682.1, 683.31, 683.33, 683.378 and 683.868. These may be detached and applied to any of the subdivisions of the number at which they are listed, *e.g.*

683.33.078 Keys
683.335.22 Deadlocks
683.335.22.078 Keys for deadlocks

Typographic presentation

Small type is used for cancelled numbers and text.

The arrow → means either 'see' or 'see also' according to the context.

The symbol ≅ 'subdivide as' means that the number preceding it may be subdivided in the same way as, and with meanings analogous to the subdivisions of, the number which follows it.

SCHEDULE

682 SMITHERY. FARRIERY. HAND-FORGED IRONWORK

Principal divisions		682.173	Screw-on
682.1	FARRIERY. SHOE-SMITHING	.174	Of soft material
	→ 636.083.42 Care of hooves—Animal	.177	Ice cleats
	breeding	.179	Other kinds of calkin, claw etc
		.18	Methods and devices for care of the hooves
Special auxiliary subdivisions for 682.1		682.3	TOOLSMITHING. EDGE-TOOL
682.1.03	Shoeing nails		FORGING
.05	Farriers' tools: tongs, hammers, rasps etc	682.4	Forged tools: hammers, tongs etc → 621.9
Principal divisions (continued)		682.5	FURNISHING IRONWORK
682.12	One-piece horseshoes		→ 683.3 Locks. Locksmithing
.13	Multiple horseshoes. Calkins. Removable calks and calkins		684.4.044 Metal—Furniture according to material
.132	With nails. Hinged, articulated shoes		739.4 Ironwork—Art metalwork
.134	Nailless shoes	682.6	BUILDING IRONWORK
.136	Shoes with contact pieces, flanges, clamp plates etc. Swamp shoes		→ 683.13 Building components of iron and steel in general
.14	Soft shoeing		683.36 Hinges. Pintles. Door and window furniture
.142	Shoes made of soft materials, with or without metal reinforcements. Hoof protectors		69.028 Doors. Gates. Windows—Building
.144	Soft inserts and linings for nailed shoes		Railings. Balconies. Balustrades
.145	Soft parts for racing shoes	.62	Ornamental ironwork. Signs, plaques etc
.15	Shoes for animals other than horses	.64	→ 672.13 Artistic, ornamental cast iron-work—Articles of iron and steel in general
.152	Shoes for cattle. Cloven-hoof shoes		
.17	Calks, calkins. Claws		
.172	Removable		

683 IRONMONGERY. HARDWARE. LOCKSMITHING. GUNSMITHING. BOTTLING. LAMPS. STOVES

683.1 IRONMONGERY. HARDWARE

Here are classed general questions and information about the making of various kinds of hardware. Individual items of hardware are classed at the specific number for the subject, e.g.

621.88 Mechanical attachment and fixings (clamps, screw fixings etc)

683.11	Hardware. Iron and steel commodities in general	683.13	Iron and steel building components in general
	→ 645.4 Furniture		

683.3 LOCKSMITHING. DOOR FURNITURE

683.31	BOLTS. LATCHES	683.312.4	Multiple bolt closures for desk drawers
		.313	Safety bolts
Special auxiliary subdivision for 683.31		.2	Bolts with safety devices
683.31.07	Components	.4	Bolts with seals
Principal divisions (continued)		.314	Flush bolts
683.311	Simple bolts	.315	Automatic bolts for double-wing doors
.2	Sliding bolts. Slip bolts	.316	Trap-type bolts
.3	Rotary bolts	.317	Cross- and spreader-bars for locking
.4	Turning and sliding round-section bolts		
.5	Bolt locks for hinged doors	683.33	LOCKS. KEYS
.6	Bolts for sliding doors		
.7	Vehicle door bolts		
.8	Spar gate bolts		
.9	Spring catches		
.312	Multiple bolts		
.2	Simultaneous unbolting of several doors, e.g. in case of fire		
.3	Multiple door bolts		

Special auxiliary subdivisions for 683.33

683.33.07	COMPONENTS
.071	Lock grips. Lock handles. Lock releases
.2	Handle arrangements. Handle fixtures. Grips
.22	Grips made from dished sheet metal
.23	Solid grips. Grips with solid insert and with covering. Handle knobs and their fixing

- 683.33.071.24 Handles with split pin wedged in the follower or in the neck of the handle
- .3 Fixing of the handles by means of collars
 - .4 Fixing of the handle neck on the pin by means of screws, springs, spring catches
 - .5 Fixing of the handle pin in the follower
 - .6 Handles which can be adjusted transversely to their longitudinal axis
- .072 **Lock components**
- .1 Bolts. Locking pins. Locking latches
 - .12 Bolts. Latches. Night bolts
 - .13 Locking pins as bolt arresters
 - .14 Locking latches as bolt arresters
 - .2 Bolt keepers
 - .3 Spring arrangements for locks
 - .4 Connectors. Tumblers. Key guides
 - .42 Connectors, bullets
 - .44 Key locating pins. Pin tumblers
 - .46 Key guides, fixed and rotating
 - .5 Keyholes
 - .6 Lock housings. Lock fixing arrangements. Escutcheons
 - .62 Housings for fixed locks
 - .63 Assembly of the housing components
 - .64 Fixing of ordinary locks
 - .65 Fixing of cylinder locks
 - .66 Clamps. Plates. Caps
 - .67 Escutcheons. Trim plates
 - .7 Lubricating devices
 - .8 Illumination of locks and keys
 - .9 Other components
- .073 **Devices to prevent removal of the key**
- .2 Before bolt has been locked
 - .3 Before door has been closed
 - .5 Key catchers
- .074 **Lock safeguards. Keyhole closures**
- .2 Keyhole closures with pins and bits
 - .3 Keyhole closures with covers and slides
 - .4 Retaining of key and handle
 - .5 Removal of keys stuck in the lock
- .075 **Retaining of the key or the handle**
- .2 By means of the perforated keyhole flap
 - .3 By means of a fork, plate, clamp or similar gripping over the key bow
 - .4 By means of a locking element projecting into the movement path of the key bit
 - .5 By means of a longitudinal or transverse bolt engaging in a fixed lock or armature element and built into the handle
 - .9 By other means
- .078 **Keys**
- .2 Ordinary keys. Pick-locks. Master, skeleton, pass keys
 - .3 Adjustable keys
 - .4 Keys with folding bit
 - .5 Keys with reciprocal movement or with adjustment of the bits in the lock

Principal divisions (continued)

- 683.331 **SIMPLE LOCKS. LOCKS WITH DAY BOLT**
- .2 **Latch trunk-locks**
 - .21 In general
 - .22 With retention of the latch
 - .222 By retainers
 - .223 By crossbars or levers, the handle being retained
 - .224 By crossbars disengaging the handle
 - .25 With retention of the latch by blind parallel bolts
 - .26 With retention of lifting latches
 - .27 With direct retention of the handle follower
 - .28 With disengagement of the handle without retention of the latch
 - .3 **Locks with latch separate from the bolt**
 - .32 Locks with engagement of the latch when the bolt is pushed forward

- 683.331.33 Locks with movement of the latch from the bolt or vice versa or of one latch by the other one
- .34 Locks in series. Locks for keys with several bits in a row
 - .35 Locks with two independent handles
 - .5 **Locks with retention of the latch or the bolt in the open position**
 - .9 **Locks with other devices on the latch and the follower**

683.334 **PADLOCKS**

→ 683.338.4 Attachment locks

Special auxiliary subdivision for 683.334

- 683.334.07 Individual parts. Housings. Armour. Hoops etc

Principal divisions (continued)

- 683.334.1 **Simple padlocks**
- .2 **Padlocks without hoops. Push-on locks. Push-through locks**
 - .3 **Padlocks with hinged hoop**
 - .32 With locking at the hoop head
 - .33 With locking at the hinge
 - .34 With locking at the hoop head and at the hinge
 - .5 **Padlocks with sliding hoop, movable crossbar, sliding hinged hoop, sliding folded hoop**
 - .6 **Padlocks with ring hoops**
 - .7 **Tongs-type padlocks**
- 683.335 **SAFETY LOCKS ACCORDING TO KIND OF KEY**
- .2 **Locks with turning keys**
 - .22 Deadlocks in general
 - .23 Deadlocks with tumblers of various types
 - .24 Protector locks and similar rotary cylinder locks
 - .25 Locks with a disc, follower or sleeve turned by the key or with the bit remaining in the lock
 - .26 Locks with stop tumblers which rotate around the key axis
 - .27 Locks whose tumblers are moved towards the key when the latter is turned
 - .28 Locks with movable key engagement
 - .3 **Locks with flat key**
 - .32 Rotary cylinder locks with flat key and divided, radially arranged pin tumblers
 - .33 Brahmah locks. Brahmah deadlocks
 - .34 Flat key locks with a tumbler cylinder turned by the key
 - .35 Flat key locks with a tumbler cylinder not turned by the key
 - .36 Locks for flat keys with orifices for taking tumbler projections
 - .4 **Locks with positioning key for the tumblers and movement of the bolt by a special element**
 - .6 **Locks with rack keys, where the key meshes with a gear**
 - .7 **Locks with keys of various types**
 - .72 With keys to fill a drop-in notch
 - .73 With sliding key (key displaced perpendicularly to the direction of insertion)
 - .74 With pull-key
 - .75 With insertion key
 - .76 With screw-key
 - .8 **Locks with several keys**
 - .82 With main and auxiliary keys
 - .83 For two persons. Safe keys
 - .84 With locking by any key from a series of keys
 - .9 **Locks with other kinds of key**
 - .92 With multi-bit keys, where every bit has a special arrangement
 - .94 With opening after insertion of a coin or jetton
- 683.336 **LOCKSWITHVARIOUS SAFETY DEVICES**
- .2 **Locks with coordinated symbols, e.g. letters, numerals. Combination locks. Permutation locks. Variation locks**
 - .21 Locks with specific letter or numeral combinations. Simple combination locks

683.336.22	Combination locks with tumbler discs on one axis	683.338.4	Attachment locks
.222	Each one adjustable by itself	.42	→683.334 Padlocks
.223	All adjustable by a movable rotary knob	.43	Clothing attachment locks
.224	All adjustable by a fixed rotary knob	.44	Lockable coat hangers
.26	Combination locks with tumbler discs on different axes	.47	Bicycle attachment locks. Other attachment locks
.27	Combination locks with push and pull buttons, slides etc	.48	Locking devices for important machine parts
.28	Puzzle locks (<i>Vexierschlösser</i>)		Locking devices for prisoners. Handcuffs. Shackles
.3	Check locks. Locks which reveal unauthorized opening	683.339	LOCKS FOR OTHER PURPOSES
.32	With lead or paper seals	683.34	CASHBOXES. SAFES. SAFE
.323	With mechanical indicating devices. Counter or recording unit	.341	INSTALLATION
.329	With other indicating arrangements	.342	Iron and fortified boxes, strongboxes. Cash-boxes, deed boxes
.33	Locks and keys with visible indication whether the lock is open or closed	.343	Safes
.4	Time locks		Safes as part of the building. Wall safes. Strongrooms, safe deposits
.5	Locks with alarm device	.344	Armour, protection for safes of various types
.52	Alarm locks with mechanically beaten bell on the lock or the key	.2	Armour plating. Protection against breaking in
.53	Alarm locks with firing, detonation device	.3	Catching and holding devices. Thief traps
.54	Electric alarm locks	.4	Against fire. Heat protection materials for double walls
.542	With contact point outside the lock	.9	Signalling devices. Alarms
.543	With contact point in the lock or the closure plate	.345	683.344.9 ≅ 654.9
.6	Devices for closing and opening locks without key by means of electric current		Locking mechanisms
.62	Devices for opening locks electrically or magnetically	.346	For locks as such →683.33
.63	Devices for electronically or magnetically closing and for opening and closing locks	.349	Safe butts and hinges
.64	Locks with different electric locking or unlocking, especially electric combination locks	683.35/.37	Other accessories for safes
.7	Devices for locking and unlocking locks by means of pneumatic, suction, hydraulic or mechanical devices	683.35	DEVICES FOR MOVING AND PREVENTING MOVEMENT
.9	Types of lock according to the auxiliary components	.352	HOLDING DEVICES IN GENERAL.
.92	Locks in which an electric circuit is closed or hydraulic pressure activated by a key	.2	CATCHES
.93	Locks without keys	.3	Door holders
.94	Locks with loosely assembled parts	.4	Door holders with play, for retaining shut or ajar
.95	Locks for right and left opening. Adjustable locks	.6	Door holders without play, e.g. ball catches
.952	Locks for right and left opening	.353	Door holders with alarm devices, e.g. shop door bells
.954	Locks which can be adjusted to different latch lengths or pin dimensions	.1	Safety chains
.96	Mortise locks and other locks with retractable element	.2	Window securing devices
.97	Locks in which the bolt is linked to the staple	.3	Window securing devices in general. Window catches. Devices for preventing flapping and slamming shut
.98	Locks opened by pressure or impact perpendicular to the lock cover (by pushing or pulling)	.4	→683.376.2 Stays, catches etc
683.337	SAFETY LOCKS	.5	Espagnolettes. Bascule fastenings
.2	Insert locks (auxiliary devices fitting into existing locks)	.6	Rotary rod fasteners (<i>Drehstangenverschlüsse</i>)
683.338	LOCKS ACCORDING TO THEIR APPLICATION	.7	Turnbuckles. Sash fasteners. Push-button latches
.2	Door locks	.8	Locking catches. Window locks
.21	Ordinary door locks	.356	Fasteners and couplings for double windows and windows with double glazing
.22	Door locks for swing doors	683.36	Safety devices on window catches to prevent unauthorized opening
.23	Door locks for vehicles, e.g. train carriages and motor vehicles	.361	Turning knobs or grips
.24	Sliding door locks	.362	Hasps. Cramps. Staples for windows and doors
.25	Door locks for goods wagons without check closure	.363	HINGES. PINTLES. DOOR AND WINDOW FURNITURE
.26	Door locks for goods wagons with check closure	.364	Hinges in general. Door hinges. Window hinges. Butt hinges
.3	Locks for furniture, boxes, suitcases etc	.365	Adjustable and lifting door and window hinges
.32	Furniture locks in general	.366	→683.372.62 Rising butts
.33	Drawer locks	.2	Dismantlable door and window hinges. Pivot plates. Pintles
.34	Locks for boxes, trunks, chests, cases, suitcases, albums, folders, portfolios, briefcases	.3	Ball bearing hinges
.35	Hasp locks. Locks with external catch	.4	Hinges with lubricating arrangements
		.367	Special types of door and window hinge
			Hinges for both right and left opening
			Hinges for doors and windows opening right and left, for horizontally and vertically rotating doors and windows, for swing doors and doors with more than one axis of rotation
			Window hinges and accessories for windows opening inwards and outwards, for pivoting sashes
			Supports, guides, rollers for sliding doors