В	Sektion	SECTION B — PERFORMING OPERATIONS; TRANSPORTING
B23	Klasse	MACHINE TOOLS; METAL-WORKING NOT OTHERWISE PROVIDED FOR (punching, perforating, making articles by processing sheet metal, tubes, or profiles B21D; wire-working B21F; making pins, needles, or nails B21G; making chains B21L; grinding B24)
B23B	Unterklasse	TURNING; BORING (arrangements for copying or controlling B23Q)
B23B 1/00	Hauptgruppe	Turning Methods for turning or working essentially requiring the use of turning-machines; Use of auxiliary equipment in connection with such methods
B23B 3/00	Hauptgruppe	General-purpose turning-machines or devices, e.g. centre lathes with feed rod and lead screw; Sets of turning-machines
B23B 3/02	1-Punkt Untergruppe	. Small lathes, e.g. for toolmakers (specially designed for watchmakers G04D 3/00)
B23B 3/04	1-Punkt Untergruppe	. Turning-machines in which the workpiece is rotated by means at a distance from the headstock
B23B 3/06	1-Punkt Untergruppe	. Turning-machines or devices characterised only by the special arrangement of constructional units (B23Q 37/00 takes precedence; structural features of details, <u>see</u> the relevant groups; such features of general applicability B23Q)
B23B 3/08	1-Punkt Untergruppe	. Turning-machines characterised by the use of faceplates
B23B 3/10	2-Punkt Untergruppe	with the faceplate horizontal, i.e. vertical boring and turning machines
B23B 3/12	2-Punkt Untergruppe	with the faceplate vertical, i.e. face lathes
B23B 3/14	2-Punkt Untergruppe	Mountings or drives of faceplates
B23B 3/16	1-Punkt Untergruppe	. Turret lathes for turning individually-chucked workpieces
B23B 3/18	2-Punkt Untergruppe	with horizontal working-spindle
B23B 3/20	2-Punkt Untergruppe	with vertical working-spindle
B23B 3/22	1-Punkt Untergruppe	. Turning-machines or devices with rotary tool heads
B23B 3/24	2-Punkt Untergruppe	the tools of which do not perform a radial movement; Rotary tool heads therefor
B23B 3/26	2-Punkt Untergruppe	the tools of which perform a radial movement; Rotary tool heads thereof
B23B 3/28	1-Punkt Untergruppe	. Turning-machines in which the feed is controlled by a copying device, i.e. copying lathes (features of copying devices B23Q 35/00)
B23B 3/30	1-Punkt Untergruppe	. Turning-machines with two or more working-spindles, e.g. in fixed arrangement
B23B 3/32	2-Punkt Untergruppe	for performing identical operations simultaneously on two or more workpieces
B23B 3/34	1-Punkt Untergruppe	. Short turning-machines with one or multiple working-spindles attended from the end (B23B $3/12$ takes precedence)
B23B 3/36	1-Punkt Untergruppe	. Associations of only turning-machines directed to a particular metal-working result (if the metal-working result is not essential B23Q 39/00)
B23B 5/00	Hauptgruppe	Turning-machines or devices specially adapted for particular work; Accessories specially adapted therefor
B23B 5/02	1-Punkt Untergruppe	. for turning hubs or brake drums (B23B 5/04 takes precedence)
B23B 5/04	1-Punkt Untergruppe	. for reconditioning hubs or brake drums or axle spindles without removing same from the vehicle

Symbol	Тур	Titel
B23B 5/06	1-Punkt Untergruppe	. for turning valves or valve bodies
B23B 5/08	1-Punkt Untergruppe	. for turning axles, bars, rods, tubes, rolls, i.e. shaft-turning lathes, roll lathes; Centreless turning
B23B 5/10	2-Punkt Untergruppe	for turning pilgrim rolls
B23B 5/12	2-Punkt Untergruppe	for peeling bars or tubes by making use of cutting bits arranged around the workpiece (making use of cutting bits arranged around the workpiece otherwise than by turning B23D 79/12) [2]
B23B 5/14	1-Punkt Untergruppe	. Cutting-off lathes (shearing B23D)
B23B 5/16	1-Punkt Untergruppe	. for bevelling, chamfering, or deburring the ends of bars or tubes
B23B 5/18	1-Punkt Untergruppe	. for turning crankshafts, eccentrics, or cams, e.g. crankpin lathes
B23B 5/20	2-Punkt Untergruppe	without removing same from the engine
B23B 5/22	2-Punkt Untergruppe	Holding the workpiece in the machine, e.g. chucking devices
B23B 5/24	1-Punkt Untergruppe	. for turning pistons or other workpieces to a slightly non-circular cross-section
B23B 5/26	1-Punkt Untergruppe	. for simultaneously turning internal and external surfaces of a body
B23B 5/28	1-Punkt Untergruppe	. for turning wheels or wheel sets or cranks thereon, i.e. wheel lathes
B23B 5/30	2-Punkt Untergruppe	Arrangements providing for tool control by templates
B23B 5/32	2-Punkt Untergruppe	for reconditioning wheel sets without removing same from the vehicle; Underfloor wheel lathes for railway vehicles
B23B 5/34	2-Punkt Untergruppe	Holding the workpiece in the machine, e.g. chucking devices therefor; Drivers therefor
B23B 5/36	1-Punkt Untergruppe	. for turning specially-shaped surfaces by making use of relative movement of the tool and work produced by geometrical mechanisms, i.e. forming-lathes
B23B 5/38	2-Punkt Untergruppe	for turning conical surfaces inside or outside, e.g. taper pins
B23B 5/40	2-Punkt Untergruppe	for turning spherical surfaces inside or outside
B23B 5/42	2-Punkt Untergruppe	for turning relieving surfaces, i.e. relieving-lathes
B23B 5/44	2-Punkt Untergruppe	for turning polygonal or other non-circular surfaces controlled by gear or guide mechanisms, i.e. eccentric lathes
B23B 5/46	2-Punkt Untergruppe	for turning helical or spiral surfaces (thread cutting B23G)
B23B 5/48	3-Punkt Untergruppe	for cutting grooves, e.g. oil grooves of helicoidal shape
B23B 7/00	Hauptgruppe	Automatic or semi-automatic turning-machines with a single working-spindle, e.g. controlled by cams; Equipment therefor; Features common to automatic and semi-automatic turning-machines with one or more working-spindles
B23B 7/02	1-Punkt Untergruppe	. Automatic or semi-automatic machines for turning of stock
B23B 7/04	2-Punkt Untergruppe	Turret machines
B23B 7/06	2-Punkt Untergruppe	with sliding headstock
B23B 7/08	2-Punkt Untergruppe	with the working-spindle vertical
B23B 7/10	2-Punkt Untergruppe	Accessories, e.g. guards
B23B 7/12	1-Punkt Untergruppe	. Automatic or semi-automatic machines for turning of workpieces

Symbol	Typ	Tital
Symbol	Typ	Titel
B23B 7/14	2-Punkt Untergruppe	with the working-spindle horizontal
B23B 7/16	2-Punkt Untergruppe	with the working-spindle vertical
B23B 9/00	Hauptgruppe	Automatic or semi-automatic turning-machines with a plurality of working-spindles, e.g. automatic multiple-spindle machines with spindles arranged in a drum carrier able to be moved into pre-determined positions; Equipment therefor (equipment applicable to single-spindle machines B23B 7/00)
B23B 9/02	1-Punkt Untergruppe	. Automatic or semi-automatic machines for turning of stock
B23B 9/04	2-Punkt Untergruppe	with the working-spindles horizontal
B23B 9/06	2-Punkt Untergruppe	with the working-spindles vertical
B23B 9/08	1-Punkt Untergruppe	. Automatic or semi-automatic machines for turning of workpieces
B23B 9/10	2-Punkt Untergruppe	with the working-spindles horizontal
B23B 9/12	2-Punkt Untergruppe	with the working-spindles vertical
B23B 11/00	Hauptgruppe	Automatic or semi-automatic turning-machines incorporating equipment for performing other working procedures, e.g. slotting, milling, rolling
B23B 13/00	Hauptgruppe	Arrangements for automatically conveying or chucking or guiding stock
B23B 13/02	1-Punkt Untergruppe	. for turning-machines with a single working-spindle
B23B 13/04	1-Punkt Untergruppe	. for turning-machines with a plurality of working-spindles
B23B 13/06	1-Punkt Untergruppe	. Arrangements for switching-off the drive of turning-machines after the stock has been completely machined
B23B 13/08	1-Punkt Untergruppe	. Arrangements for reducing vibrations in feeding-passages or for damping noise (damping noise in general $G10K$)
B23B 13/10	1-Punkt Untergruppe	. with magazines for stock
B23B 13/12	1-Punkt Untergruppe	. Accessories, e.g. stops, grippers
B23B 15/00	Hauptgruppe	Arrangements for conveying, loading, adjusting, reversing, chucking, or discharging workpieces specially designed for automatic or semi-automatic turning-machines
		Components or accessories particularly for turning machines
B23B 17/00	Hauptgruppe 	Lathe beds (foundation frames, carriage guides as such B23Q 1/00)
B23B 19/00	Hauptgruppe	Headstocks; Equivalent parts of any machine tools
B23B 19/02	1-Punkt Untergruppe	. Working-spindles; Features relating thereto, e.g. supporting arrangements (B23B 13/00 takes precedence)
B23B 21/00	Hauptgruppe	Lathe carriages; Cross-slides; Tool posts (tool holders B23B 29/00); Similar parts of any machine tools
B23B 23/00	Hauptgruppe	Tailstocks; Centres
B23B 23/02	1-Punkt Untergruppe	. Dead centres
B23B 23/04	1-Punkt Untergruppe	. Live centres
B23B 25/00	Hauptgruppe	Accessories or auxiliary equipment for turning-machines (for machine tools in general B23Q; cooling or lubricating B23Q $11/12$)
B23B 25/02	1-Punkt Untergruppe	. Arrangements for chip-breaking in turning-machines (on cutting tools B23B 27/22)
B23B 25/04	1-Punkt Untergruppe	. Safety guards specially designed for turning-machines (in general F16P)
B23B 25/06	1-Punkt Untergruppe	. Measuring, gauging, or adjusting equipment on turning-machines for setting-on, feeding, controlling, or monitoring the cutting tools or work (measuring devices or gauges G01B)
B23B 27/00	Hauptgruppe	Tools for turning or boring machines (for drilling machines B23B 51/00); Tools of a similar kind in general; Accessories therefor

Symbol	Тур	Titel
B23B 27/02	1-Punkt Untergruppe	. Cutting tools with straight main part and cutting edge at an angle (B23B 27/04-B23B 27/08 take precedence)
B23B 27/04	1-Punkt Untergruppe	. Cutting-off tools (B23B 27/08 takes precedence)
B23B 27/06	1-Punkt Untergruppe	. Profile cutting tools, i.e. forming-tools
B23B 27/08	1-Punkt Untergruppe	. Cutting tools with blade- or disc-like main parts
B23B 27/10	1-Punkt Untergruppe	. Cutting tools with special provision for cooling
B23B 27/12	2-Punkt Untergruppe	with a continuously-rotated circular cutting edge; Holders therefor
B23B 27/14	1-Punkt Untergruppe	. Cutting tools of which the bits or tips are of special material
B23B 27/16	2-Punkt Untergruppe	with exchangeable cutting bits, e.g. able to be clamped
B23B 27/18	2-Punkt Untergruppe	with cutting bits or tips rigidly mounted, e.g. by brazing
B23B 27/20	2-Punkt Untergruppe	with diamond bits
B23B 27/22	1-Punkt Untergruppe	. Cutting tools with chip-breaking equipment
B23B 27/24	1-Punkt Untergruppe	. Knurling tools
B23B 29/00	Hauptgruppe	Holders for non-rotary cutting tools (B23B 27/12 takes precedence); Boring bars or boring heads; Accessories for tool holders
B23B 29/02	1-Punkt Untergruppe	. Boring bars
B23B 29/03	1-Punkt Untergruppe	. Boring heads
B23B 29/034	2-Punkt Untergruppe	with tools moving radially, e.g. for making chamfers or undercuttings [4]
B23B 29/04	1-Punkt Untergruppe	. Tool holders for a single cutting tool
B23B 29/06	2-Punkt Untergruppe	Tool holders equipped with longitudinally- arranged grooves for setting the cutting tool
B23B 29/08	2-Punkt Untergruppe	Tool holders equipped with grooves arranged crosswise to the longitudinal direction for setting the cutting tool
B23B 29/10	3-Punkt Untergruppe	with adjustable counterbase for the cutting tool
B23B 29/12	2-Punkt Untergruppe	Special arrangements on tool holders
B23B 29/14	3-Punkt Untergruppe	affording a yielding support of the cutting tool, e.g. by spring clamping
B23B 29/16	3-Punkt Untergruppe	for supporting the workpiece in a backrest
B23B 29/18	3-Punkt Untergruppe	for retracting the cutting tool
B23B 29/20	3-Punkt Untergruppe	for placing same by shanks in sleeves of a turret
B23B 29/22	3-Punkt Untergruppe	for tool adjustment by means of shims or spacers
B23B 29/24	1-Punkt Untergruppe	. Tool holders for a plurality of cutting tools, e.g. turrets
B23B 29/26	2-Punkt Untergruppe	Tool holders in fixed position
B23B 29/28	2-Punkt Untergruppe	Turrets manually adjustable about a vertical pivot
B23B 29/30	2-Punkt Untergruppe	Turrets manually adjustable about a horizontal pivot
B23B 29/32	2-Punkt Untergruppe	Turrets adjustable by power drive, i.e. turret heads

Symbol	Тур	Titel
B23B 29/34	2-Punkt Untergruppe	Turrets equipped with triggers for releasing the cutting tools
B23B 31/00	Hauptgruppe	Chucks; Expansion mandrels; Adaptations thereof for remote control (devices for securing work or tools to spindles in general B23Q 3/12; rotary devices holding by magnetic or electrical force acting directly on work B23Q 3/152)
B23B 31/02	1-Punkt Untergruppe	. Chucks
B23B 31/06	2-Punkt Untergruppe	Features relating to the removal of tools or work; Accessories therefor
B23B 31/07	3-Punkt Untergruppe	Ejector wedges [5]
B23B 31/08	2-Punkt Untergruppe	holding tools or work yieldably
B23B 31/10	2-Punkt Untergruppe	characterised by the retaining or gripping devices or their immediate operating means
B23B 31/103	3-Punkt Untergruppe	Retention by pivotal elements, e.g. catches, pawls [5]
B23B 31/107	3-Punkt Untergruppe	Retention by laterally-acting detents, e.g. pins, screws, wedges; Retention by loose elements, e.g. balls [5]
B23B 31/11	3-Punkt Untergruppe	Retention by threaded connection [5]
B23B 31/113	3-Punkt Untergruppe	Retention by bayonet connection [5]
B23B 31/117	3-Punkt Untergruppe	Retention by friction only, e.g. using springs, resilient sleeves, tapers [5]
B23B 31/12	3-Punkt Untergruppe	Chucks with simultaneously-acting jaws, whether or not also individually adjustable
B23B 31/14	4-Punkt Untergruppe	involving the use of centrifugal force
B23B 31/16	4-Punkt Untergruppe	moving radially
B23B 31/163	5-Punkt Untergruppe	actuated by one or more spiral grooves [5]
B23B 31/165	5-Punkt Untergruppe	actuated by screw-and-nut mechanisms [5]
B23B 31/167	5-Punkt Untergruppe	actuated by oblique racks [5]
B23B 31/169	5-Punkt Untergruppe	actuated by toothed gearing (B23B 31/167 takes precedence) [5]
B23B 31/171	5-Punkt Untergruppe	actuated by a cam surface in a radial plane [5]
B23B 31/173	5-Punkt Untergruppe	actuated by coaxial conical surfaces (B23B 31/177 takes precedence) [5]
B23B 31/175	5-Punkt Untergruppe	actuated by levers moved by a coaxial control rod [5]
B23B 31/177	5-Punkt Untergruppe	actuated by the oblique surfaces of a coaxial control rod (B23B 31/167 takes precedence) [5]
B23B 31/18	4-Punkt Untergruppe	pivotally movable in planes containing the axis of the chuck
B23B 31/19	4-Punkt Untergruppe	moving parallel to the axis of the chuck
B23B 31/20	4-Punkt Untergruppe	Longitudinally-split sleeves, e.g. collet chucks
B23B 31/22	4-Punkt Untergruppe	Jaws in the form of balls
B23B 31/24	2-Punkt Untergruppe	characterised by features relating primarily to remote control of the gripping means
B23B 31/26	3-Punkt Untergruppe	using mechanical transmission through the working-spindle
B23B 31/28	3-Punkt Untergruppe	using electric or magnetic means in the chuck
B23B 31/30	3-Punkt Untergruppe	using fluid-pressure means in the chuck

		B23B 47/04
Symbol	Тур	Titel
B23B 31/32	2-Punkt Untergruppe	with jaws carried by diaphragm
B23B 31/34	2-Punkt Untergruppe	with means enabling the workpiece to be reversed or tilted
B23B 31/36	2-Punkt Untergruppe	with means for adjusting the chuck with respect to the working-spindle
B23B 31/38	2-Punkt Untergruppe	with overload clutches
B23B 31/39	2-Punkt Untergruppe	Jaw changers [5]
B23B 31/40	1-Punkt Untergruppe	. Expansion mandrels
B23B 31/42	2-Punkt Untergruppe	characterised by features relating primarily to remote control of the gripping means
B23B 33/00	Hauptgruppe	Drivers; Driving centres; Nose clutches, e.g. lathe dogs
		Boring; Drilling (for surgical purposes A61B 17/16; in metal using electric current B23H 9/14; by laser beam B23K 26/00; earth or rock drilling E21B) [3]
B23B 35/00	Hauptgruppe	Methods for boring or drilling, or for working essentially requiring the use of boring or drilling machines; Use of auxiliary equipment in connection with such methods
B23B 37/00	Hauptgruppe	Boring by making use of vibrations of ultrasonic frequency (working materials by subjecting the grinding tools or the abrading medium to vibration, e.g. grinding with ultrasonic frequency, B24B 1/04)
B23B 39/00	Hauptgruppe	General-purpose boring or drilling machines or devices; Sets of boring or drilling machines
B23B 39/02	1-Punkt Untergruppe	. Boring machines; Combined horizontal boring and milling machines
B23B 39/04	1-Punkt Untergruppe	. Co-ordinate boring or drilling machines; Machines for making holes without previous marking
B23B 39/06	2-Punkt Untergruppe	Equipment for positioning work
B23B 39/08	2-Punkt Untergruppe	Devices for programme control
B23B 39/10	1-Punkt Untergruppe	. characterised by the drive, e.g. by fluid-pressure drive, pneumatic power drive
B23B 39/12	1-Punkt Untergruppe	. Radial drilling machines
B23B 39/14	1-Punkt Untergruppe	. with special provision to enable the machine or the drilling or boring head to be moved into any desired position, e.g. with respect to immovable work
B23B 39/16	1-Punkt Untergruppe	. Drilling machines with a plurality of working-spindles; Drilling automatons
B23B 39/18	2-Punkt Untergruppe	Setting work or tool carrier along a straight index line
B23B 39/20	2-Punkt Untergruppe	Setting work or tool carrier along a circular index line; Turret head drilling machines
B23B 39/22	2-Punkt Untergruppe	with working-spindles in opposite headstocks
B23B 39/24	2-Punkt Untergruppe	designed for programme control
B23B 39/26	1-Punkt Untergruppe	. in which the working position of tool or work is controlled by copying discrete points of a pattern (features of copying devices B23Q 35/02)
B23B 39/28	1-Punkt Untergruppe	. Associations of only boring or drilling machines directed to a particular metal-working result (if not producing a particular metal-working result B23Q 39/00)
B23B 41/00	Hauptgruppe	Boring or drilling machines or devices specially adapted for particular work; Accessories specially adapted therefor
B23B 41/02	1-Punkt Untergruppe	. for boring deep holes; Trepanning, e.g. of gun or rifle barrels
B23B 41/04	1-Punkt Untergruppe	. for boring polygonal or other non-circular holes
B23B 41/06	1-Punkt Untergruppe	. for boring conical holes

Symbol	Тур	Titel
B23B 41/08	1-Punkt Untergruppe	. for boring, drilling, or tapping holes in tubes under fluid or gas pressure (sealing features or operations, combined with placing branch parts F16L 41/04)
B23B 41/10	1-Punkt Untergruppe	. for boring holes in steam boilers
B23B 41/12	1-Punkt Untergruppe	. for forming working surfaces of cylinders, of bearings, e.g. in heads of driving rods, or of other engine parts
B23B 41/14	1-Punkt Untergruppe	. for very small holes
B23B 41/16	1-Punkt Untergruppe	. for boring holes with high-quality surface
B23B 43/00	Hauptgruppe	Boring or drilling devices able to be attached to a machine tool, whether or not replacing an operative portion of the machine tool (if specially adapted for particular work B23B 41/00)
B23B 43/02	1-Punkt Untergruppe	. to the tailstock of a lathe
B23B 45/00	Hauptgruppe	Hand-held or like portable drilling machines, e.g. drill guns; Equipment therefor (details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed B25F 5/00) [4]
B23B 45/02	1-Punkt Untergruppe	. driven by electric power
B23B 45/04	1-Punkt Untergruppe	. driven by fluid-pressure or pneumatic power
B23B 45/06	1-Punkt Untergruppe	. driven by man-power
B23B 45/08	2-Punkt Untergruppe	for drilling rails or profiled stock
B23B 45/10	2-Punkt Untergruppe	by using a fiddle bow or a belt
B23B 45/12	2-Punkt Untergruppe	by using a ratchet brace
B23B 45/14	1-Punkt Untergruppe	. Means for holding or guiding the drilling device or for securing it to the work (B23B 41/08 takes precedence); Thrust stands $\frac{1}{2}$
B23B 45/16	1-Punkt Untergruppe	. with superimposed percussive action (portable percussive machines with superimposed rotation B25D $16/00$) [3]
B23B 47/00	Hauptgruppe	Components or accessories for boring or drilling machines Constructional features of components specially designed for boring or drilling machines; Accessories therefor (working-spindles, bearing sleeves therefor B23B 19/02; for machine tools in general B23Q)
B23B 47/02	1-Punkt Untergruppe	. Drives; Gearings (B23B 39/10 takes precedence)
B23B 47/04	2-Punkt Untergruppe	for rotating the working-spindle
B23B 47/06	3-Punkt Untergruppe	driven essentially by electrical means
B23B 47/08	3-Punkt Untergruppe	driven essentially by fluid-pressure or pneumatic power
B23B 47/10	4-Punkt Untergruppe	equipped with turbines or other rotating machines
B23B 47/12	4-Punkt Untergruppe	equipped with oscillating pistons
B23B 47/14	3-Punkt Untergruppe	Change-speed gearings; Reversing gearings
B23B 47/16	3-Punkt Untergruppe	Belt or chain drives
B23B 47/18	2-Punkt Untergruppe	for feeding or retracting tool or work
B23B 47/20	3-Punkt Untergruppe	actuated essentially by electric power
B23B 47/22	3-Punkt Untergruppe	actuated essentially by fluid-pressure or pneumatic power

Symbol	Тур	Titel
B23B 47/24	3-Punkt Untergruppe	Stops or feed interruption owing to fracture or overload of the boring or drilling tool
B23B 47/26	1-Punkt Untergruppe	. Liftable or lowerable drill heads or headstocks; Balancing arrangements therefor
B23B 47/28	1-Punkt Untergruppe	. Drill jigs for workpieces (equipment for setting or guiding the drill B23B 49/00)
B23B 47/30	1-Punkt Untergruppe	. Additional gear with one or more working-spindles attachable to the main working-spindle and mounting the additional gear
B23B 47/32	1-Punkt Untergruppe	. Arrangements for preventing the running-out of drills or fracture of drills when getting through
B23B 47/34	1-Punkt Untergruppe	. Arrangements for removing chips out of the holes made; Chip-breaking arrangements attached to the tool
B23B 49/00	Hauptgruppe	Measuring or gauging equipment on boring machines for positioning or guiding the drill; Devices for indicating failure of drills during boring; Centring devices for holes to be bored (marking-out equipment B25H 7/00; measuring devices, gauges G01B)
B23B 49/02	1-Punkt Untergruppe	. Boring templates or bushings
B23B 49/04	1-Punkt Untergruppe	. Devices for boring or drilling centre holes in workpieces
B23B 49/06	1-Punkt Untergruppe	. Devices for drilling holes in brake bands or brake linings
B23B 51/00	Hauptgruppe	Tools for drilling machines
B23B 51/02	1-Punkt Untergruppe	. Twist drills
B23B 51/04	1-Punkt Untergruppe	. for trepanning
B23B 51/05	2-Punkt Untergruppe	for cutting discs from sheet [4]
B23B 51/06	1-Punkt Untergruppe	. Drills with lubricating or cooling equipment
B23B 51/08	1-Punkt Untergruppe	. Drills combined with tool parts or tools for performing additional working
B23B 51/10	1-Punkt Untergruppe	. Bits for countersinking
B23B 51/12	1-Punkt Untergruppe	. Adapters for drills or chucks; Tapered sleeves
B23B 51/14	2-Punkt Untergruppe	Adapters for broken drills