

Symbol	Typ	Titel
<b>B</b>	<b>Sektion</b>	<b>PERFORMING OPERATIONS; TRANSPORTING</b>
<b>B23</b>	<b>Klasse</b>	<b>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)</b>
<b>B23G</b>	<b>Unterklasse</b>	<b>THREAD CUTTING; WORKING OF SCREWS, BOLT HEADS, OR NUTS, IN CONJUNCTION THEREWITH (thread- forming by corrugating tubes B21D 15/04 , by rolling B21H 3/02 , by forging, pressing, or hammering B21K 1/56; making helical grooves by turning B23B 5/48 , by milling B23C 3/32 , by grinding B24B 19/02; arrangements for copying or controlling B23Q)</b>
<b>B23G 1/00</b>	<b>Hauptgruppe</b>	<b>Thread cutting; Automatic machines specially designed therefor</b>
B23G 1/02	1-Punkt Untergruppe	. on an external or internal cylindrical or conical surface, e.g. on recesses (B23G 1/16 , B23G 1/22 , B23G 1/32 , B23G 1/36 take precedence)
B23G 1/04	2-Punkt Untergruppe	. . Machines with one working-spindle
B23G 1/06	3-Punkt Untergruppe	. . . specially adapted for making conical screws, e.g. wood-screws
B23G 1/08	2-Punkt Untergruppe	. . Machines with a plurality of working-spindles
B23G 1/10	3-Punkt Untergruppe	. . . specially adapted for making conical screws, e.g. wood-screws
B23G 1/12	2-Punkt Untergruppe	. . Machines with a toothed cutter in the shape of a spur gear or the like which is rotated to generate the thread profile as the work rotates
B23G 1/14	3-Punkt Untergruppe	. . . specially adapted for making conical screws, e.g. wood-screws
B23G 1/16	1-Punkt Untergruppe	. in holes of workpieces by taps (B23G 1/26 , B23G 1/32 , B23G 1/36 take precedence)
B23G 1/18	2-Punkt Untergruppe	. . Machines with one working-spindle
B23G 1/20	2-Punkt Untergruppe	. . Machines with a plurality of working-spindles
B23G 1/22	1-Punkt Untergruppe	. Machines specially designed for operating on pipes or tubes
B23G 1/24	2-Punkt Untergruppe	. . portable
B23G 1/26	1-Punkt Untergruppe	. Manually-operated thread-cutting devices (features of the threading tool B23G 5/00)
B23G 1/28	2-Punkt Untergruppe	. . with means for adjusting the threading tool
B23G 1/30	2-Punkt Untergruppe	. . without means for adjusting the threading tool, e.g. with die-stocks (tap wrenches B25B)
B23G 1/32	1-Punkt Untergruppe	. by milling
B23G 1/34	2-Punkt Untergruppe	. . with a cutting bit moving in a closed path arranged eccentrically with respect to the axis of the rotating workpiece
B23G 1/36	1-Punkt Untergruppe	. by grinding
B23G 1/38	2-Punkt Untergruppe	. . with grinding discs guided along the workpiece in accordance with the pitch of the required thread
B23G 1/40	2-Punkt Untergruppe	. . with grinding discs guided radially to the workpiece
B23G 1/42	1-Punkt Untergruppe	. Centreless grinding
B23G 1/44	1-Punkt Untergruppe	. Equipment or accessories specially designed for machines or devices for thread cutting

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B23G 1/46	2-Punkt Untergruppe	. . for holding the threading tools
B23G 1/48	2-Punkt Untergruppe	. . for guiding the threading tools
B23G 1/50	2-Punkt Untergruppe	. . for cutting thread by successive operations
B23G 1/52	2-Punkt Untergruppe	. . for operating on pipes or tubes
<b>B23G 3/00</b>	<b>Hauptgruppe</b>	<b>Arrangements or accessories for enabling machine tools not specially designed only for thread cutting to be used for this purpose, e.g. arrangements for reversing the working-spindle</b>
B23G 3/02	1-Punkt Untergruppe	. for withdrawing or resetting the threading tool
B23G 3/04	2-Punkt Untergruppe	. . for repeatedly setting the threading tool in a predetermined working position
B23G 3/06	1-Punkt Untergruppe	. for compensating inaccuracies in the pitch of the lead-screw
B23G 3/08	1-Punkt Untergruppe	. for advancing or controlling the threading tool or the work by templates, cams, or the like
B23G 3/10	2-Punkt Untergruppe	. . for cutting thread of variable pitch
B23G 3/12	2-Punkt Untergruppe	. . for using several adjacently-arranged threading tools, e.g. using several chasers
B23G 3/14	2-Punkt Untergruppe	. . for cutting thread of conical shape
<b>B23G 5/00</b>	<b>Hauptgruppe</b>	<b>Thread-cutting tools; Die-heads</b>
B23G 5/02	1-Punkt Untergruppe	. without means for adjustment
B23G 5/04	2-Punkt Untergruppe	. . Dies
B23G 5/06	2-Punkt Untergruppe	. . Taps (chucks therefor B23B 31/00)
B23G 5/08	1-Punkt Untergruppe	. with means for adjustment
B23G 5/10	2-Punkt Untergruppe	. . Die-heads
B23G 5/12	3-Punkt Untergruppe	. . . self-releasing
B23G 5/14	2-Punkt Untergruppe	. . Tapping-heads
B23G 5/16	3-Punkt Untergruppe	. . . self-releasing
B23G 5/18	1-Punkt Untergruppe	. Milling cutters
B23G 5/20	1-Punkt Untergruppe	. combined with other tools, e.g. drills
<b>B23G 7/00</b>	<b>Hauptgruppe</b>	<b>Forming thread by means of tools similar both in form and in manner of use to thread-cutting tools, but without removing any material (features of machines or devices not specially adapted to the particular mode of forming the thread B23G 1/00)</b>
B23G 7/02	1-Punkt Untergruppe	. Tools for this purpose
<b>B23G 9/00</b>	<b>Hauptgruppe</b>	<b>Working screws, bolt heads or nuts in conjunction with thread cutting, e.g. slotting screw heads or shanks, removing burrs from screw heads or shanks; Finishing, e.g. polishing, any screw thread (making washers or nuts by processing metal sheets, tubes or profiles without essentially removing material B21D 53/20 , B21D 53/24)</b>
<b>B23G 11/00</b>	<b>Hauptgruppe</b>	<b>Feeding or discharging mechanisms combined with, or arranged in, or specially adapted for use in connection with, thread-cutting machines (for machine tools in general B23Q)</b>