Symbol	Typ	Titel
B	**Sektion**	**SECTION B — PERFORMING OPERATIONS; TRANSPORTING**
B24	**Klasse**	**GRINDING; POLISHING**
B24D	**Unterklasse**	**TOOLS FOR GRINDING, BUFFING, OR SHARPENING (tools for grinding or polishing optical surfaces on lenses or surfaces of similar shape B24B 13/01; grinding heads B24B 41/00; manufacture of abrasive or friction articles or shaped materials containing macromolecular substances C08J 5/14; polishing compositions C09G 1/00; abrasives C09K 3/14)**
B24D 3/00	**Hauptgruppe**	**Physical features of abrasive bodies, or sheets, e.g. abrasive surfaces of special nature; Abrasive bodies or sheets characterised by their constituents (composition of friction linings F16D 69/02)**
B24D 3/02	1-Punkt Untergruppe	. the constituent being used as bonding agent
B24D 3/04	2-Punkt Untergruppe	. . and being essentially inorganic
B24D 3/06	3-Punkt Untergruppe	. . . metallic
B24D 3/08	4-Punkt Untergruppe	. . . . for close-grained structure, e.g. using metal with low melting point
B24D 3/10	4-Punkt Untergruppe	. . . . for porous or cellular structure, e.g. for use with diamonds as abrasives
B24D 3/12	3-Punkt Untergruppe	. . . water-setting, e.g. concrete
B24D 3/14	3-Punkt Untergruppe	. . . ceramic, i.e. vitrified bondings
B24D 3/16	4-Punkt Untergruppe	. . . . for close grained structure, i.e. of high density
B24D 3/18	4-Punkt Untergruppe	. . . . for porous or cellular structure
B24D 3/20	2-Punkt Untergruppe	. . and being essentially organic
B24D 3/22	3-Punkt Untergruppe	. . . Rubbers
B24D 3/24	4-Punkt Untergruppe	. . . . for close-grained structure
B24D 3/26	4-Punkt Untergruppe	. . . . for porous or cellular structure
B24D 3/28	3-Punkt Untergruppe	. . . Resins
B24D 3/30	4-Punkt Untergruppe	. . . . for close-grained structure
B24D 3/32	4-Punkt Untergruppe	. . . . for porous or cellular structure
B24D 3/34	1-Punkt Untergruppe	. characterised by additives enhancing special physical properties, e.g. wear resistance, electric conductivity, self-cleaning properties
		<u>Bonded abrasive wheels</u>
B24D 5/00	**Hauptgruppe**	**Bonded abrasive wheels, or wheels with inserted abrasive blocks, designed for acting only by their periphery; Bushings or mountings therefor**
B24D 5/02	1-Punkt Untergruppe	. Wheels in one piece
B24D 5/04	2-Punkt Untergruppe	. . with reinforcing means
B24D 5/06	1-Punkt Untergruppe	. with inserted abrasive blocks, e.g. segmental (zonally graded B24D 5/14)
B24D 5/08	2-Punkt Untergruppe	. . with reinforcing means
B24D 5/10	1-Punkt Untergruppe	. with cooling provisions, e.g. with radial slots
B24D 5/12	1-Punkt Untergruppe	. Cut-off wheels

Symbol	Typ	Titel
B24D 5/14	1-Punkt Untergruppe	. Zonally-graded wheels; Composite wheels comprising different abrasives
B24D 5/16	1-Punkt Untergruppe	. Bushings; Mountings
B24D 7/00	**Hauptgruppe**	**Bonded abrasive wheels, or wheels with inserted abrasive blocks, designed for acting otherwise than only by their periphery, e.g. by the front face; Bushings or mountings therefor**
B24D 7/02	1-Punkt Untergruppe	. Wheels in one piece
B24D 7/04	2-Punkt Untergruppe	. . with reinforcing means
B24D 7/06	1-Punkt Untergruppe	. with inserted abrasive blocks, e.g. segmental (zonally-graded B24D 7/14)
B24D 7/08	2-Punkt Untergruppe	. . with reinforcing means
B24D 7/10	1-Punkt Untergruppe	. with cooling provisions
B24D 7/12	1-Punkt Untergruppe	. with apertures for inspecting the surface to be abraded
B24D 7/14	1-Punkt Untergruppe	. Zonally-graded wheels; Composite wheels comprising different abrasives
B24D 7/16	1-Punkt Untergruppe	. Bushings; Mountings
B24D 7/18	1-Punkt Untergruppe	. Wheels of special form (if specially designed for a particular purpose provided for in a single other class, that class takes precedence)
B24D 9/00	**Hauptgruppe**	**Wheels or drums supporting in exchangeable arrangement a layer of flexible abrasive material, e.g. sandpaper (wheels or drums as machine elements F16)**
B24D 9/02	1-Punkt Untergruppe	. Expansible drums for carrying flexible material in tubular form, e.g. expanded by centrifugal force
B24D 9/04	1-Punkt Untergruppe	. Rigid drums for carrying flexible material
B24D 9/06	2-Punkt Untergruppe	. . able to be stripped-off from a built-in delivery spool
B24D 9/08	1-Punkt Untergruppe	. Circular back-plates for carrying flexible material
B24D 9/10	2-Punkt Untergruppe	. . with suction means for securing the material
B24D 11/00	**Hauptgruppe**	**Constructional features of flexible abrasive materials; Special features in the manufacture of such materials**
B24D 11/02	1-Punkt Untergruppe	. Backings, e.g. foils, webs, mesh fabrics
B24D 11/04	1-Punkt Untergruppe	. Zonally-graded surfaces
B24D 11/06	1-Punkt Untergruppe	. Connecting the ends of materials, e.g. for making abrasive belts
B24D 11/08	1-Punkt Untergruppe	. Equipment for after-treatment of the coated backings, e.g. for flexing the coating
B24D 13/00	**Hauptgruppe**	**Wheels having flexibly-acting working parts, e.g. buffing wheels; Mountings therefor**
B24D 13/02	1-Punkt Untergruppe	. acting by their periphery
B24D 13/04	2-Punkt Untergruppe	. . comprising a plurality of flaps or strips arranged around the axis
B24D 13/06	2-Punkt Untergruppe	. . the flaps or strips being individually attached
B24D 13/08	2-Punkt Untergruppe	. . comprising annular or circular sheets packed side by side
B24D 13/10	2-Punkt Untergruppe	. . comprising assemblies of brushes
B24D 13/12	2-Punkt Untergruppe	. . comprising assemblies of felted or spongy material, e.g. felt, steel wool, foamed latex
B24D 13/14	1-Punkt Untergruppe	. acting by the front face

Symbol	Typ	Titel
B24D 13/16	2-Punkt Untergruppe	. . comprising pleated flaps or strips
B24D 13/18	1-Punkt Untergruppe	. with cooling provisions
B24D 13/20	1-Punkt Untergruppe	. Mountings for the wheels
B24D 15/00	**Hauptgruppe**	**Hand tools or other devices for non-rotary grinding, polishing, or stropping**
B24D 15/02	1-Punkt Untergruppe	. rigid; with rigidly-supported operative surface
B24D 15/04	1-Punkt Untergruppe	. resilient; with resiliently-mounted operative surface
B24D 15/06	1-Punkt Untergruppe	. specially designed for sharpening cutting edges
B24D 15/08	2-Punkt Untergruppe	. . of knives; of razors
B24D 15/10	2-Punkt Untergruppe	. . of safety-razor blades (devices with mechanically-operated parts B24B 3/50)
B24D 17/00	**Hauptgruppe**	**Abrasive or polishing tools not covered by groups B24D 3/00-B24D 15/00**
B24D 18/00	**Hauptgruppe**	**Manufacture of grinding tools, e.g. wheels, not otherwise provided for [4]**