

## B28D

### WORKING STONE OR STONE-LIKE MATERIALS

#### Informative references

Attention is drawn to the following places, which may be of interest for search:

Working brittle material by laser beam	<a href="#">B23K 26/4075</a>
Working by grinding or polishing	B24
Shaping clay or other ceramic compositions, slag, or mixtures containing cementitious material, e.g. plaster	<a href="#">B28B</a>
Forming contours for artistic purposes, sculpturing	<a href="#">B44B</a>
Glass manufacture, shaping, or supplementary processes	<a href="#">C03B</a>
After-treatment of mortars, concrete, artificial stone or ceramics; treatment of natural stone	<a href="#">C04B 41/00</a>
Auxiliary devices or arrangements for constructing, repairing, reconditioning, or taking-up road or like surfaces	<a href="#">E01C 23/00</a>
Machinery for, or methods of, mining or quarrying	<a href="#">E21C</a>
Processes or apparatus adapted for the manufacture or treatment of semiconductor devices	<a href="#">H01L 21/00</a>

## B28D 1/00

**Working stone or stone-like materials, e.g. brick, concrete [N: or glass], not provided for elsewhere; machines, devices, tools therefor (fine working of gems, jewels, crystals B28D5/00; working by grinding or polishing B24; devices or means for dressing or conditioning abrasive surfaces**

## B24B53/00)

### References relevant to classification in this group

*This subclass/group does not cover:*

Working by grinding or polishing	<a href="#">B24</a>
Portable percussive machines or tools	<a href="#">B25D</a>
Rotary drilling machines in general	<a href="#">B23B</a>

Examples of places where the subject matter of this main group is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Fine working of gems, jewels, crystals	<a href="#">B28D 5/00</a>
Drill bits for earth or rock drilling	<a href="#">E21B 10/00</a>
Rotary drilling machines for mining or quarrying	<a href="#">E21C 1/00</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Meat or bone saws	<a href="#">A22B 5/20</a>
Surgical saws	<a href="#">A61B 17/14</a>
Saws for dentistry	<a href="#">A61C 3/12</a>
Sawing in general, sawing metal	<a href="#">B23D 45/00</a> - <a href="#">B23D 65/04</a>
Sawing wood or similar material	<a href="#">B27B</a>
Grinders for cutting-off	<a href="#">B24B 27/06</a>
Grinding edges of lenses	<a href="#">B24B 9/14</a>
Bits for picks or pick-holders for mining or quarrying	<a href="#">E21C 35/18</a>

Forming contours for artistic purposes, sculpturing	<a href="#">B44B</a>
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## B28D 3/00

**Dressing mill discs or rollers (dressing the tools of sawing machines or sawing devices B23D63/00; treating the cutting members of cutting machines to facilitate cutting B26D7/08)**

### References relevant to classification in this main group

*This subclass/group does not cover:*

Dressing the tools of sawing machines or sawing devices	<a href="#">B23D 63/00</a>
Treating the cutting members of cutting machines to facilitate cutting	<a href="#">B26D 7/08</a>

## B28D 5/00

**Fine working of gems, jewels, crystals, e.g. of semiconductor material; apparatus or devices therefor (working by grinding or polishing B24; for artistic purposes B44B)**

### References relevant to classification in this main group

*This subclass/group does not cover:*

Devices for removing chips fitted to machine tools in general	<a href="#">B23Q 11/0042</a>
Grinding; Polishing	B24
Fine working of gems, jewels, crystals for artistic purposes	<a href="#">B44B</a>
Multi-step processes for fine working semiconductor material	<a href="#">H01L 21/00</a>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Processes or apparatus adapted for the manufacture or treatment of semiconductor devices	<a href="#">H01L 21/00</a>
Working brittle material by laser beam	<a href="#">B23K 26/4075</a>

## **B28D 7/00**

**Accessories specially adapted for use with machines or devices of the preceding groups [N: (B28D5/0058 takes precedence)]**

### **References relevant to classification in this main group**

*This subclass/group does not cover:*

Devices for removing chips fitted to machine tools in general	<a href="#">B23Q 11/0042</a>
Sawing stone with a circular saw blade or disc with the work mounted on a carriage	<a href="#">B28D 1/047</a>

Examples of places where the subject matter of this main group is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Breaking gems, jewels, crystals by bringing the workpiece into contact with a suitably shaped rigid body which remains stationary during breaking	<a href="#">B28D 5/0041</a>
Means for supporting or holding work during breaking of gems, jewels, crystals	<a href="#">B28D 5/0052</a>
Accessories specially adapted for use with machines for fine working of gems, jewels, crystals	<a href="#">B28D 5/0058</a>

