

## SECTION B — PERFORMING OPERATIONS; TRANSPORTING

### B21 MECHANICAL METAL-WORKING WITHOUT ESSENTIALLY REMOVING MATERIAL; PUNCHING METAL

#### B21H MAKING PARTICULAR METAL OBJECTS BY ROLLING, e.g. SCREWS, WHEELS, RINGS, BARRELS, BALLS (essentially from sheet metal B21D)

##### Note(s)

This subclass covers only rolling operations which are specially adapted for use in the manufacture of particular objects and which are not essentially combined with any different metal-working operation unless the latter is a subsidiary operation performed in the same machine.

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| <p><b>1/00 Making articles shaped as bodies of revolution</b><br/>(rolling tubes B21B 17/00-B21B 25/00) [1, 2006.01]</p> <p>1/02 • discs; disc wheels [1, 2006.01]</p> <p>1/04 • • with rim, e.g. railway wheels [1, 2006.01]</p> <p>1/06 • rings of restricted axial length (extending closed shapes of metal bands by simultaneous rolling at two or more zones B21B 5/00) [1, 2006.01]</p> <p>1/08 • • railway wheel rims [1, 2006.01]</p> <p>1/10 • • rims for pneumatic tyres [1, 2006.01]</p> <p>1/12 • • rings for ball or roller bearings [1, 2006.01]</p> <p>1/14 • balls, rollers, cone rollers, or like bodies [1, 2006.01]</p> <p>1/16 • • for bearings [1, 2006.01]</p> <p>1/18 • cylinders, e.g. rolled transversely [1, 2006.01]</p> <p>1/20 • • rolled longitudinally [1, 2006.01]</p> <p>1/22 • characterised by use of rolls having circumferentially varying profile [2, 2006.01]</p> <p><b>3/00 Making helical bodies or bodies having parts of helical shape</b> (helical gears B21H 5/00; bending strip or the like helically B21D 11/06; forming tubes or tube walls into helical shape B21D 15/04) [1, 2006.01]</p> <p>3/02 • external screw-threads [1, 2006.01]</p> <p>3/04 • • Making by means of profiled rolls [1, 2006.01]</p> <p>3/06 • • Making by means of profiled members other than rolls, e.g. jaws, moved longitudinally or curvilinearly with respect to each other [1, 2006.01]</p> <p>3/08 • internal screw-threads [1, 2006.01]</p> <p>3/10 • twist-drills; screw-taps [1, 2006.01]</p> <p>3/12 • articles with helicoidal surface [1, 2006.01]</p> | <p><b>5/00 Making gear wheels</b> [1, 2006.01]</p> <p>5/02 • with cylindrical outline [1, 2006.01]</p> <p>5/04 • bevel gears [1, 2006.01]</p> <p><b>7/00 Making articles not provided for in groups B21H 1/00-B21H 5/00, e.g. agricultural tools, dinner forks, knives, spoons</b> (nails, pins B21G 3/30) [1, 2006.01]</p> <p>7/02 • spades; shovels [1, 2006.01]</p> <p>7/04 • hoes [1, 2006.01]</p> <p>7/06 • ploughshares; axes [1, 2006.01]</p> <p>7/08 • forks; rakes [1, 2006.01]</p> <p>7/10 • knives; sickles; scythes [1, 2006.01]</p> <p>7/12 • horse-shoes; articles of like shape, e.g. wear-resisting attachments for shoes [1, 2006.01]</p> <p>7/14 • knurled articles [1, 2006.01]</p> <p>7/16 • turbine blades; compressor blades; propeller blades [1, 2006.01]</p> <p>7/18 • grooved pins; Rolling grooves, e.g. oil grooves, in articles [1, 2006.01]</p> <p><b>8/00 Rolling metal of indefinite length in repetitive shapes specially designed for the manufacture of particular objects</b> [1, 2006.01]</p> <p>8/02 • Rolls of special shape [1, 2006.01]</p> <p><b>9/00 Feeding arrangements for rolling machines or apparatus manufacturing articles dealt with in this subclass</b> [1, 2006.01]</p> <p>9/02 • for screw-rolling machines [1, 2006.01]</p> |
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