

## SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

### F16 ENGINEERING ELEMENTS OR UNITS; GENERAL MEASURES FOR PRODUCING AND MAINTAINING EFFECTIVE FUNCTIONING OF MACHINES OR INSTALLATIONS; THERMAL INSULATION IN GENERAL

#### F16G BELTS, CABLES, OR ROPES, PREDOMINANTLY USED FOR DRIVING PURPOSES; CHAINS; FITTINGS PREDOMINANTLY USED THEREFOR

##### Subclass index

BELTS; BELT FASTENINGS.....1/00, 5/00, 3/00, 7/00  
 CABLES OR ROPES; FASTENINGS THEREFOR.....9/00, 11/00  
 CHAINS, CHAIN HOOKS.....13/00, 15/00, 17/00

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| <p><b>1/00 Driving-belts</b> (V-belts F16G 5/00; conveyor belts B65G)</p> <p>1/02 • made of leather (F16G 1/28 takes precedence; making thereof C14B 9/00)</p> <p>1/04 • made of fibrous material, e.g. textiles, whether rubber-covered or not (F16G 1/28 takes precedence; making thereof D03D)</p> <p>1/06 • made of rubber (F16G 1/28 takes precedence; producing belts from plastics or substances in a plastic state B29D 29/00)</p> <p>1/08 • • with reinforcement bonded by the rubber</p> <p>1/10 • • • with textile reinforcement</p> <p>1/12 • • • with metal reinforcement</p> <p>1/14 • made of plastics (F16G 1/28 takes precedence; producing belts from plastics or substances in a plastic state B29D 29/00)</p> <p>1/16 • • with reinforcement bonded by the plastic material</p> <p>1/18 • made of wire (making thereof B21F 43/00)</p> <p>1/20 • made of a single metal strip (making thereof B21D 53/14)</p> <p>1/21 • built-up from superimposed layers, e.g. zig-zag folded</p> <p>1/22 • consisting of several parts</p> <p>1/24 • • in the form of links (in the shape of chain links F16G 13/08)</p> <p>1/26 • • in the form of strips or lamellae</p> <p>1/28 • with a contact surface of special shape, e.g. toothed</p> <p><b>3/00 Belt fastenings, e.g. for conveyor belts</b> (for V-belts F16G 7/00)</p> <p>3/02 • with series of eyes or the like, interposed and linked by a pin to form a hinge (F16G 3/09 takes precedence)</p> <p>3/04 • • in which the ends of separate U-shaped or like eyes are attached to the belt by parts penetrating into it</p> <p>3/06 • with outwardly-bent, mutually-connected belt ends</p> <p>3/07 • Friction clamps, e.g. of grommet-thimble type</p> <p>3/08 • consisting of plates and screw-bolts or rivets (F16G 3/06 takes precedence)</p> <p>3/09 • • the plates forming a hinge</p> | <p>3/10 • Joining belts by sewing, sticking, vulcanising, or the like; Constructional adaptations of the belt ends for this purpose</p> <p>3/12 • Joining belts by lacing</p> <p>3/14 • with extensible parts; with resilient parts</p> <p>3/16 • Devices or machines for connecting driving-belts or the like</p> <p><b>5/00 V-belts, i.e. belts of tapered cross-section</b></p> <p>5/02 • made of leather (F16G 5/20 takes precedence)</p> <p>5/04 • made of rubber (F16G 5/20 takes precedence)</p> <p>5/06 • • with reinforcement bonded by the rubber</p> <p>5/08 • • • with textile reinforcement</p> <p>5/10 • • • with metal reinforcement</p> <p>5/12 • made of plastics (F16G 5/20 takes precedence)</p> <p>5/14 • • with reinforcement bonded by the plastic material</p> <p>5/16 • consisting of several parts</p> <p>5/18 • • in the form of links</p> <p>5/20 • with a contact surface of special shape, e.g. toothed</p> <p>5/22 • built-up from superimposed layers</p> <p>5/24 • • zig-zag folded</p> <p><b>7/00 V-belt fastenings</b></p> <p>7/02 • locked, e.g. riveted</p> <p>7/04 • quickly detachable</p> <p>7/06 • adjustable, e.g. for tension</p> <p><b>9/00 Ropes or cables specially adapted for driving, or for being driven by, pulleys or other gearing elements</b></p> <p>9/02 • made of leather; having enveloping sheathings made of leather</p> <p>9/04 • made of rubber or plastics (F16G 9/02 takes precedence)</p> <p><b>11/00 Means for fastening cables or ropes to one another or to other objects</b> (cable clamps for suspension bridge cables E01D 19/16); <b>Caps or sleeves for fixing on cables or ropes</b> (attaching ropes or cables to lift cars or cages B66B 7/08, to winch drums or barrels B66D 1/34; rope clamps in earth drilling E21B 19/12)</p> |
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## F16G

- 11/02 • with parts deformable to grip the cable or cables; Fastening means which engage a sleeve or the like fixed on the cable
- 11/03 • incorporating resiliently-mounted members for attachment of the cable end
- 11/04 • with wedging action, e.g. friction clamps of grommet-thimble type (F16G 11/02 takes precedence)
- 11/05 • • by using conical plugs insertable between the strands
- 11/06 • with laterally-arranged screws (F16G 11/02, F16G 11/04 take precedence)
- 11/08 • Fastenings for securing ends of driving-cables to one another, the fastenings having approximately the same diameter as the cables
- 11/09 • • incorporating hinge joints or pivots for the attachment of the cable ends
- 11/10 • Quick-acting fastenings; Clamps holding in one direction only
- 11/12 • Connections or attachments, e.g. turnbuckles, adapted for straining of cables, ropes or wire
- 11/14 • Devices or coupling-pieces designed for easy formation of adjustable loops, e.g. choker hooks; Hooks or eyes with integral parts designed to facilitate quick attachment to cables or ropes at any point, e.g. by forming loops
- 13/00 Chains** (making thereof B21L)
- 13/02 • Driving-chains

- 13/04 • • Toothed chains
- 13/06 • • with links connected by parallel driving-pins with or without rollers
- 13/07 • • • the links being of identical shape, e.g. cranked
- 13/08 • • with links closely interposed on the joint pins (F16G 13/04 takes precedence)
- 13/10 • • with universal joints
- 13/12 • Hauling- or hoisting-chains
- 13/14 • • built up from readily-separable links **[3]**
- 13/16 • • with arrangements for holding electric cables, hoses, or the like
- 13/18 • Chains having special overall characteristics
- 13/20 • • stiff; Push-pull chains
- 13/22 • • extensible
- 13/24 • • • resilient
- 15/00 Chain couplings; Shackles; Chain joints; Chain links; Chain bushes** (making chain elements B21L)
- 15/02 • for fastening more or less permanently
- 15/04 • Quickly-detachable chain couplings; Shackles
- 15/06 • • Shackles designed for attachment by joint pins to chain elements, e.g. D-shackles
- 15/08 • Swivels
- 15/10 • Emergency joints or links
- 15/12 • Chain links
- 15/14 • • made of sheet metal, e.g. profiled
- 17/00 Hooks as integral parts of chains** (hooks for cranes B66C 1/34)