

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

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

B21L MAKING METAL CHAINS (making chains or chain links by casting B22D 25/02; chains in general F16G)

Subclass index

GENERAL METHODS OF WORKING

Chains made from individual links.....	1/00, 3/00, 7/00, 9/00
Chains with integral links.....	5/00
METHODS FOR MAKING SPECIAL CHAINS OR PARTS THEREOF.....	11/00, 13/00
TOOLS FOR MANUFACTURE OR REPAIR.....	19/00, 21/00
FINISHING.....	15/00
OTHER MANUFACTURE.....	99/00

1/00	Making chains or chain links by bending workpieces of rod, wire, or strip to form links of oval or other simple shape (B21L 3/00, B21L 7/00 take precedence) [1, 2006.01]	9/08	• • Combining the chain links with auxiliary parts, e.g. welding-on wear-resistant parts [1, 2006.01]
1/02	• by bending the ends of the workpieces to abut [1, 2006.01]	11/00	Making chains or chain links of special shape [1, 2006.01]
1/04	• by bending and interconnecting the ends of the workpieces with or without separate jointing members [1, 2006.01]	11/02	• each link being formed of a single member of which both ends are bent or shaped to engage the middle portion of the next link [1, 2006.01]
3/00	Making chains or chain links by bending the chain links or link parts and subsequently welding or soldering the abutting ends (B21L 7/00 takes precedence) [1, 2006.01]	11/04	• • the ends being pierced or punched to form eyes [1, 2006.01]
3/02	• Machines or devices for welding chain links [1, 2006.01]	11/06	• • • the workpiece being of thin strip metal [1, 2006.01]
3/04	• • by making use of forge or pressure welding [1, 2006.01]	11/08	• • the ends being interengaged with other parts of the same link [1, 2006.01]
5/00	Making chains or chain links by working the starting material in such a way that integral, i.e. jointless, chain links are formed [1, 2006.01]	11/10	• the chain links having opposed correspondingly shaped cylindrical and hook-like parts of which one part forms a hinge-like support for the adjacent link (B21L 11/02 takes precedence) [1, 2006.01]
5/02	• in such a way that interconnected links are formed [1, 2006.01]	11/12	• Forming bead chains [1, 2006.01]
7/00	Making chains or chain links by cutting single loops or loop-parts from coils, assembling the cut parts and subsequently subjecting same to twisting with or without welding [1, 2006.01]	11/14	• Making chain links with inserted or integrally-formed studs [1, 2006.01]
9/00	Making chains or chain links, the links being composed of two or more different parts, e.g. drive chains (B21L 1/04, B21L 7/00, B21L 11/14, B21L 13/00 take precedence) [1, 2006.01]	13/00	Making terminal or intermediate chain links of special shape; Making couplings for chains, e.g. swivels, shackles [1, 2006.01]
9/02	• of roller-chain or other plate-link type [1, 2006.01]	15/00	Finishing or dressing chains or chain links, e.g. removing burr material, calibrating (B21L 9/06 takes precedence) [1, 2006.01]
9/04	• • Punching or bending the different parts of the chain links [1, 2006.01]	15/02	• Twisting already closed links [1, 2006.01]
9/06	• • Sorting, feeding, assembling, riveting, or finishing parts of chains [1, 2006.01]	19/00	Appurtenances for chain-making not restricted to any particular process [1, 2006.01]
		21/00	Tools or implements for repairing chains using metal-working operations, e.g. for detaching deformed chain links [1, 2006.01]
		99/00	Subject matter not provided for in other groups of this subclass [2009.01]