

SECTION E – FIXED CONSTRUCTIONS

E01 CONSTRUCTION OF ROADS, RAILWAYS, OR BRIDGES (of tunnels E21D)

E01D BRIDGES (bridges extending between terminal buildings and aircraft for embarking or disembarking passengers B64F 1/305)

In this subclass, it is desirable to add the indexing codes of group E01D 101/00. [6]

BRIDGES IN GENERAL.....	1/00	DETAILS	19/00
BRIDGES CHARACTERISED BY THE CROSS-SECTION OF THEIR BEARING SPANNING STRUCTURE	2/00	ERECTING OR ASSEMBLING BRIDGES	21/00
BRIDGES CHARACTERISED BY THEIR STRUCTURAL TYPE.....	4/00 15/00	REPAIRING OR STRENGTHENING EXISTING BRIDGES.....	22/00
BRIDGES CHARACTERISED BY THEIR FUNCTION	18/00	DISMANTLING BRIDGES	24/00

1/00	Bridges in general (characterised by their structural type E01D 4/00 E01D 15/00) [6]	15/20	. . collapsible, expandable, inflatable or the like (E01D 15/22 takes precedence) [6]
2/00	Bridges characterised by the cross-section of their bearing spanning structure [6]	15/22	. . designed as, or mounted on, vehicles [6]
2/02	. of the I-girder type [6]	15/24	. Bridges or similar structures, based on land or on a fixed structure and designed to give access to ships or other floating structures (arrangement of ship-based ramps B63B 27/14; loading ramps B65G 69/28) [6]
2/04	. of the box-girder type [6]		
4/00	Arch-type bridges [6]	18/00	Bridges specially adapted for particular applications or functions not provided for elsewhere, e.g. aqueducts, bridges for supporting pipe-lines [6]
6/00	Truss-type bridges [6]	19/00	Structural or constructional details of bridges
6/02	. of bowstring type [6]	19/02	. Piers; Abutments (foundations E02D)
11/00	Suspension or cable-stayed bridges [6]	19/04	. Bearings; Hinges
11/02	. Suspension bridges [6]	19/06	. Arrangement, construction, or bridging of expansion joints (sealing joints not restricted to expansion joints for bridges E04B 1/68)
11/04	. Cable-stayed bridges [6]	19/08	. Damp-proof or other insulating layers; Drainage arrangements or devices
12/00	Bridges characterised by a combination of structures not covered as a whole by a single one of groups E01D 2/00 E01D 11/00 [6]	19/10	. Railings; Protectors against smoke or gases, e.g. of locomotives; Maintenance travellers; Fastening of pipes or cables to bridges (supports for pipes, cables or protective tubing, e.g. hangers, holders, clamps, cleats, clips, brackets, F16L 3/00)
15/00	Movable or portable bridges; Floating bridges	19/12	. Grating or flooring for bridges; Fastening railway sleepers or tracks to bridges (sleepers E01B 3/00)
15/02	. Vertical lift bridges	19/14	. Towers; Anchors; Saddle supports [6]
15/04	. Swing bridges	19/16	. Suspension cables; Cable clamps for suspension cables [6]
15/06	. Bascule bridges; Roller bascule bridges, e.g. of Scherzer type	21/00	Methods or apparatus specially adapted for erecting or assembling bridges [6]
15/08	. . Drawbridges	21/06	. by translational movement of the bridge or bridge sections [6]
15/10	. Travelling bridges; Sliding bridges; Rotary cylinder bridges, i.e. rotating about longitudinal axis to invert and raise the road	21/08	. by rotational movement of the bridge or bridge sections [6]
15/12	. Portable or sectional bridges (floating bridges E01D 15/14)	21/10	. Cantilevered erection [6]
15/127	. . combined with ground-supported vehicles for the transport, handling or placing of such bridges or of sections thereof [6]	22/00	Methods or apparatus for repairing or strengthening existing bridges [6]
15/133	. . built-up from readily separable standardised sections or elements, e.g. Bailey bridges (E01D 15/127 takes precedence) [6]		
15/14	. Floating bridges, e.g. pontoon bridges (landing bridges E01D 15/24; floating bodies or pontoons B63B) [6]		

E01D

24/00 Methods or apparatus for dismantling bridges [8]

Indexing scheme associated with groups E01D 1/00 E01D 22/00, relating to the material constitution of bridges. [6]

101/00 Material constitution of bridges [6]

101/10 . Wood [6]

101/20 . Concrete, stone or stone-like material [6]

101/22 . . Masonry; Bricks [6]

101/24 . . Concrete [6]

101/26 . . . reinforced [6]

101/28 prestressed [6]

101/30 . Metal (E01D 101/26 takes precedence) [6]

101/32 . . prestressed [6]

101/34 . . non-ferrous, e.g. aluminium [6]

101/40 . Plastics [6]