

## SECTION E — FIXED CONSTRUCTIONS

### E01 CONSTRUCTION OF ROADS, RAILWAYS, OR BRIDGES

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

#### Note(s)

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

#### Subclass index

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

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- 21/08 • by rotational movement of the bridge or bridge sections [6]
- 21/10 • Cantilevered erection [6]
- 22/00 **Methods or apparatus for repairing or strengthening existing bridges [6]**
- 24/00 **Methods or apparatus for dismantling bridges [2006.01]**

**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]**

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- 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]