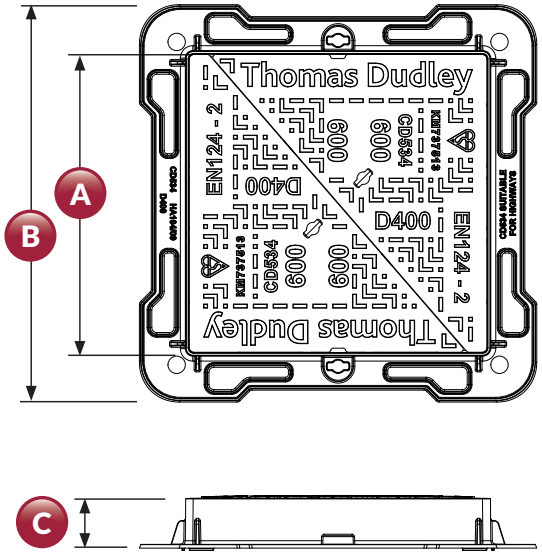
CD534 Range - Ductile Iron Access Covers & Frames





KEY FEATURES

- COMPLIES WITH BS EN 124-2
- CERTIFIED BY BSI
- SLIP RESISTANT
- COMPLIES FULLY WITH UK HIGHWAYS AUTHORITY CD534

BENEFITS

- Complies fully with BS EN 124-2:2015 and Highways Authority CD534 Standard - suitable for high intensity traffic applications
- Engineered from quality assured ductile iron
- Unique, slip resistant tread pattern suitable for High Risk installations
- Drop-in, loose coupled, non-rock covers

CLEAR OPENING (A) MM	OVER FRAME (B) MM	DEPTH (C) MM	LOAD CLASS	CODE
600 x 600	800 x 800	100	D400	376625
600 x 600	800 x 800	150	D400	376626
675 x 675	875 x 875	100	D400	376627
675 x 675	875 x 875	150	D400	376628
1220 x 675	1420x x 880	100	D400	376694
1220 x 675	1420x x 880	150	D400	376695
600 x 600	850 x 850	150	E600	378592
675 x 675	925 x 925	150	E600	376696

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UTILITY PRODUCTS TD

CD534 Range - Ductile Iron Access Covers & Frames

The **CD534 Range** from Thomas Dudley Utility Products has been designed to stand the test of time in high traffic conditions and with the requirements of Highways England's technical regulation, CD534, at the forefront of our specification.

The **CD534** regulation was introduced back in February 2020, as a replacement for the HA104/09 guidance notes, with the intention of guiding installers to the best possible product specifications for installation in trunk roads and motorways.

Our **CD534 Range** has been designed to conform to and in many instances exceed the requirements of both EN124-2 and CD534, the products are also Kitemarked to provide additional peace of mind.

Here is a list of key product features and how they perform against the requirements of CD534 –

- **Skid resistance value of 78 PSRV** – Our tread pattern has been independently tested and this figure vastly exceeds the CD534 minimum requirement of all Group 4 chamber tops to have a PSRV >60 when installed in high risk locations.
- **Minimum flange area for frames -** Providing a bearing pressure under **2.1 N/mm²** all of our CD534 range products meet the minimum flange area for D400 and E600 frames. We believe that the lower bearing pressure is key to dispersing stresses and thus reducing the potential damage on bedding materials, especially in high traffic installations and have ensured that our products still meets this specification.
- **D400 & E600 load class** – CD534 now states that **E600** covers should be used in ALL environments where the annual average daily traffic of large goods vehicles exceeds 1500 in each direction.
- **Minimum clear opening of 600 x 600** – For chamber tops permitting access, CD534 requires a minimum of 600mm clear opening.
- **150mm frame depth available** – CD534 states a minimum frame depth of **150mm** for all motorways and all-purpose trunk roads.
- **80mm depth of insertion** – This meets the CD534 minimum depth of insertion of **80mm**.
- **M16 coupling bolts** – Exceeding the CD534 requirement of 140mm² minimum cross sectional area of loose couplings.
- **Minimum frame weight** - For 600x600 and 675x675 sizes, all of our range meet the minimum weight requirements for frames

In addition to the requirements of EN124 & CD534, we designed the following features into our **CD534 range** products -

- **Large cover to frame contact area** – This is critical to disperse stresses transferred from cover through the frame and into the bedding material.
- **Increased strength** – Greater strength allowing the product to surpass the load test requirements of both EN124-2 and the Kitemark to give greater peace of mind in high traffic locations.
- **Limited movement** of the cover in the frame – Design features **limiting the movement** of the cover in situ prevent wear and potential instability of the cover.
- **Frame keying slots** – Provide greater **mortar engagement** with the frame.
- **Frame keyways** – Unique frame keyways provide easy lifting and positioning of the frame during installation.

All these features add up to a product that you can install with confidence, even in the busiest locations.