



UTILITY CASTINGS HANDBOOK

ACCESS COVERS AND
GULLY GRATES



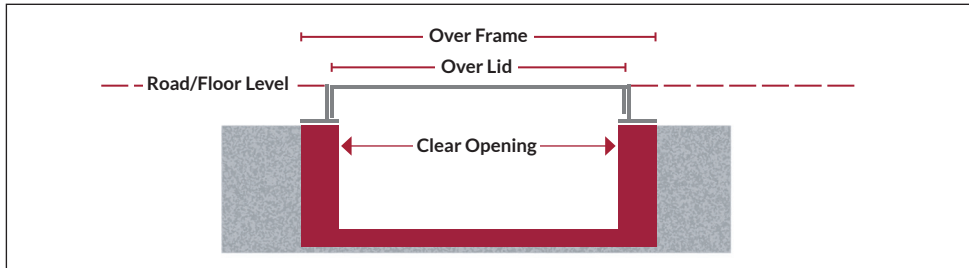


FINDING THE CORRECT COVER

Designs vary between manufacturers and are often changed so you cannot simply replace the lid of a broken or missing cover as you have difficulty finding a lid to fit an existing frame.

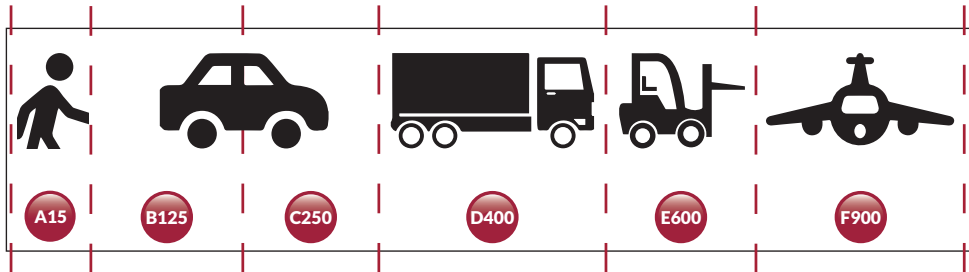
We work on what is known as the “clear opening” size. This is the size of the hole you wish to cover i.e., the hole in the cover slab or internal measurement of the brick or plastic chamber. Other dimensions such as the lid or frame dimensions can vary between manufacturers. The clear opening is **always** the same.

For gully grates - we need to know the size of the gully pot you are planning on using.



WEIGHT LOADINGS

The below table explains how weight loadings work however if you are still unsure of what you need then please give us a call and we will be happy to help and talk through your requirements with you.



A15	Areas which can only be used by pedestrians and cyclists.
B125	Footways, pedestrian and comparable areas, car parks or car parking decks.
C250	For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5m into the carriageway and a maximum of 0.2m into the footway.
D400	Carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.
E600	Areas imposing high wheel loads, e.g. docks, aircraft pavements.
F900	Areas imposing particularly high wheel loads, e.g. aircraft pavements.





UNIQUE FEATURES OF TD FOUNDRY

- ✔ UK design and manufacturing
 - ✔ Reduced supply chain / installation costs
- ✔ Flexibility and design expertise
- ✔ Next day despatch / collection
- ✔ Patented unique design features:
 - ✔ Interference hinge for gratings
 - ✔ Superior stability
 - ✔ Quiet operation
 - ✔ Safer Operation
- ✔ Vertical drop-in covers
 - ✔ 135° hinging giving superior site safety
 - ✔ One man operation for many sizes
- ✔ TDF brand D400 loadings and above come as standard
 - ✔ Fully flanged
 - ✔ 80 min depth of insertion



UK
Manufacturing



Interference
hinge



Hinged to
135° for
added safety



OUTSTANDING SERVICE, ASSURED QUALITY...

Our success has been built upon the ability to deliver outstanding service by working with our customers.

We manufacture castings in the UK and are a quality accredited organisation. The unrivalled expertise that we have gained enables us to provide the complete casting solution, whatever your requirements.

FINDING THE PRODUCTS YOU NEED

If you cannot find what you are looking for please call us on

0121 521 2503

or email us at

foundrysales@thomasdudley.co.uk

and we'll be happy to help.





B125 & C250 YARD GULLY GRATINGS

Load Class	Clear Opening	Depth	Code
B125 	225 x 225mm Flat	50mm	333009
	225 x 225mm Locked & Flat	50mm	334558
	225 x 225mm Dished	50mm	332131
	225 x 225mm Locked & Dished	50mm	334559
	300 x 300mm Flat	50mm	333615
	300 x 300mm Locked & Flat	50mm	334560
	300 x 300mm Dished	50mm	332133
	300 x 300mm Locked & Dished	50mm	334561
C250 	225 x 225mm Flat	50mm	333613
	225 x 225mm Locked & Flat	50mm	334562
	225 x 225mm Dished	50mm	333611
	225 x 225mm Locked & Dished	50mm	334563
	300 x 300mm Flat	50mm	333584
	300 x 300mm Locked & Flat	50mm	334564
	300 x 300mm Dished	50mm	332798
	300 x 300mm Locked & Dished	50mm	334565

C250 GRATINGS

Load Class	Clear Opening	Depth	Code
C250 	340 x 310	75mm	330830
	340 x 310 Locked	75mm	330973





D400 GRATINGS - SINGLE PIECE

Load Class	Clear Opening	Depth	Code
<p>D400</p> 	365 x 310mm Flat	100mm	330829
	365 x 310mm Locked	100mm	330976
	390 x 315mm Flat	100mm	334566
	390 x 315mm Locked & Flat	100mm	334230
	390 x 315mm Dished	100mm	334567
	390 x 315mm Locked & Dished	100mm	334175
	420 x 420mm Flat	100mm	330826
	420 x 420mm Flat	150mm	332672
	420 x 420mm Locked & Flat	100mm	333836
	420 x 420mm Locked & Flat	150mm	334568
	420 x 420mm Pedestrian Mesh	100mm	332476
	420 x 420mm Pedestrian Mesh	150mm	334569
	420 x 420mm Pedestrian Mesh Locked	100mm	334570
	420 x 420mm Pedestrian Mesh Locked	150mm	334571
	420 x 420mm Increased Waterway	100mm	333714
	420 x 420mm Increased Waterway	150mm	334572
	420 x 420mm Increased Waterway Locked	100mm	333711
	420 x 420mm Increased Waterway Locked	150mm	333823
	430 x 370mm Flat	100mm	330827
	430 x 370mm Locked & Flat	100mm	332765

D400 GRATINGS - DOUBLE TRIANGULAR

Load Class	Clear Opening	Depth	Code
<p>D400</p> 	420 x 420mm Flat	100mm	330828
	420 x 420mm Locked & Flat	100mm	333692
	450 x 450mm Flat	100mm	331307
	450 x 450mm Locked & Flat	100mm	334573
	600 x 600mm Increased Waterway	150mm	334574
	600 x 600mm Increased Waterway Locked	100mm	333018
	600 x 600mm Increased Waterway Locked	150mm	334575

*All gratings are hinged as standard 5






E600 GRATINGS - DOUBLE TRIANGULAR

Load Class	Clear Opening	Depth	Code
E600 	600 x 600mm Flat	150mm	334326
	600 x 600mm Flat & Locked	150mm	334576

F900 GRATINGS - DOUBLE TRIANGULAR

Load Class	Clear Opening	Depth	Code
F900 	450 x 450mm Flat	150mm	372078
	600 x 600mm Flat	150mm	334327
	600 x 600mm Flat & Locked	150mm	334577

B125 COVERS

Load Class	Clear Opening	Depth	Code
B125 	300 x 300mm	40mm	333608
	320 DIA mm	50mm	334390
	450 x 450mm	40mm	332754
	450 x 450mm	70mm	334395
	600 x 450mm	40mm	330824
	600 x 600mm	40mm	330934
	600 DIA mm	75mm	330944
	675 x 675mm	40mm	330935
	750 x 600mm	40mm	330939
	750 x 750mm	40mm	330936
	900 x 600mm	40mm	330938
	900 x 900mm	40mm	330937





D400 SINGLE PIECE COVERS

Load Class	Clear Opening	Depth	Code
D400 	600 DIA mm Round Flange	100mm	370717
	600 DIA mm Square Flange	100mm	333015

D400 VERTICAL DROP-IN DOUBLE TRIANGULAR COVERS

Load Class	Clear Opening	Depth	Code
D400 	450 x 450mm	100mm	332748
	600 x 450mm	100mm	330987
	600 x 600mm	100mm	330823
	600 x 600mm	150mm	330926
	675 x 675mm	100mm	330927
	675 x 675mm	150mm	330928
	750 x 450mm	100mm	333623
	750 x 600mm	100mm	330940
	750 x 750mm	100mm	330929
	900 x 600mm	100mm	330941
	900 x 900mm	100mm	330930

D400 DROP-IN DOUBLE TRIANGULAR COVERS

Load Class	Clear Opening	Depth	Code
D400 	600 x 600mm	100mm	334623
	600 x 600mm	150mm	334619
	675 x 675mm	100mm	334625
	675 x 675mm	150mm	334621
	1220 x 675mm (4 Part)	150mm	372034





E600 VERTICAL DROP-IN DOUBLE TRIANGULAR COVERS

Load Class	Clear Opening	Depth	Code
E600 	450 x 450mm	150mm	334401
	600 x 600mm	150mm	334324
	675 x 675mm	150mm	334325

E600 CD534 DROP-IN DOUBLE TRIANGULAR COVERS

Load Class	Clear Opening	Depth	Code
E600 	600 x 600mm	150mm	372581
	675 x 675mm	150mm	372071

F900 VERTICAL DROP-IN DOUBLE TRIANGULAR COVERS

Load Class	Clear Opening	Depth	Code
F900 	450 x 450mm	150mm	334402
	600 x 600mm	150mm	334275
	675 x 675mm	150mm	334323
	900 x 900mm	150mm	334828





D400 VERTICAL DROP-IN MULTI-PART COVERS

Load Class	Clear Opening	Depth	Code
 <p>D400</p>	1000 x 1000mm	100mm	330931
	1200 x 900mm	100mm	330932
	1200 x 1200mm	100mm	330933
	1220 x 675mm	100mm	330942
	1220 x 675mm	150mm	330943

E600 VERTICAL DROP-IN MULTI-PART COVERS

Load Class	Clear Opening	Depth	Code
 <p>E600</p>	1000 x 1000mm	150mm	334398
	1200 x 900mm	150mm	334413
	1200 x 1200mm	150mm	333019
	1500 x 750mm	150mm	333020
	1500 x 900mm	150mm	333017
	1500 x 1500mm	150mm	332368
	1830 x 675mm	150mm	332162

F900 VERTICAL DROP-IN MULTI-PART COVERS

Load Class	Clear Opening	Depth	Code
 <p>F900</p>	1000 x 1000mm	150mm	334399
	1200 x 900mm	150mm	334414
	1200 x 1200mm	150mm	334400
	1500 x 900mm	150mm	372032
	1500 x 1500mm	150mm	372033
	1830 x 675mm	150mm	334583





D400 SURFACE BOXES

Load Class		Clear Opening	Depth	Badge	Code	
D400		6274	380 x 230mm	100mm	WO	314785
		6274	380 x 230mm	100mm	SV	316543
		6274	380 x 230mm	100mm	WATER	319783
		6274	380 x 230mm	100mm	METER	313883
		6274	380 x 230mm	100mm	FH	313265
		6270	380 x 230mm	125mm	SV	316820
		6270	380 x 230mm	125mm	METER	314989
		6270	380 x 230mm	125mm	WATER	316540
		6270	380 x 230mm	125mm	WO	319009
		6270	380 x 230mm	125mm	AV	313886
		6270	380 x 230mm	125mm		319658
		6270	380 x 230mm	125mm	FH	315657
			430 x 280mm	100mm	AV	335753
			430 x 280mm	100mm	SV	335752
			430 x 280mm	100mm	W	335755
	430 x 280mm	100mm	FH	335754		

GRIPFIX 135AN, 225AN & 300AN SURFACE BOXES

Load Class		Clear Opening	Depth	Badge	Code	
GRADE A		135AN	165 x 165mm	100mm	W	314038
		135AN	165 x 165mm	100mm	CATV	334331
		135AN	165 x 165mm	100mm	G	316948
		135AN	165 x 165mm	100mm		313138
		135AN	165 x 165mm	100mm	SV	317194
		135AN SLOTTED	165 x 165mm	150mm	SV	371307
		135AN SLOTTED	165 x 165mm	150mm	CATV	331668
		135AN SLOTTED	165 x 165mm	150mm		334329
		225AN	230 x 230mm	100mm	GAS	323710
		225AN	230 x 230mm	100mm		333868
		225AN	230 x 230mm	100mm	W	319955
		225AN	230 x 230mm	100mm	SV	314295
		300AN	300 x 300mm	100mm		370629
		300AN	300 x 300mm	100mm	GAS	325263
		300AN	300 x 300mm	100mm	SV	325492





BOUNDARY BOXES

Load Class		Clear Opening	Depth	Badge	Code
GRADE B 	B (6150/135)	150 x 140mm	60mm	WATER	317563
	B (6150/135)	150 x 140mm	60mm	BB	334264
	B (6150/150)	144 x 144mm	60mm	WATER	317157
	B (6150/180) LF	184 x 184mm	60mm	WATER	324403
	B (6150/180)	184 x 184mm	60mm	WATER	319996
	B (6153/190)	197x 190mm	75mm		370227
	B (6153/190)	197x 190mm	75mm	WATER	319998
	B (6153/190)	197x 190mm	75mm	GAS	370675

MEDIUM & LIGHT DUTY SURFACE & STOP TAP BOXES

Load Class		Frame Top	Depth	Badge	Code
GRADE C   	TYPE A - Locked	152 x 127mm	75mm	W	322591
	TYPE A	152 x 127mm	75mm	W	314996
	TYPE A	152 x 127mm	75mm		316447
	6110	114 x 114mm	76	W	317269
	6110 Locked	114 x 114mm	76	W	324763
	6110	127 x 127mm	102	W	313223
	6110	127 x 127mm	102	GAS	373076
	6110 Locked	127 x 127mm	102	W	370855
	6110	152 x 152mm	76	G	324311
	6110	152 x 152mm	76	WATER	319994
	6110 Locked	152 x 152mm	76	WATER	326111
	6110 with Lugs	152 x 152mm	76	WATER	313797
	6110 Round Flange	152 x 152mm	76	WATER	322437
	100B2S	147 x 147mm	75	W	319627
	100C1H Plastic	135 x 119mm	75	W	313629





DO YOU NEED SOMETHING ELSE?

We have many other products in our range so please call and enquire with whatever requirements you have and we will be happy to advise further.

THE TD FOUNDRY DIFFERENCE A UNIQUELY FLEXIBLE, PEOPLE DRIVEN ORGANISATION

TD Foundry provides the complete solution for iron castings up to 80Kg in weight. Backed by the successful Thomas Dudley Group, we are able to call upon unrivalled expertise in the design, development and manufacture of castings.

- ✔ We have been manufacturing in the UK since 1920
- ✔ We are a family owned and managed business
- ✔ We have an experienced and award winning management team
- ✔ We invest heavily in the latest technology
- ✔ Exceptional quality control is employed throughout our business
- ✔ We take advantage of advanced processes to offer assured casting integrity
- ✔ Our castings comply 100% with British Standards
- ✔ We provide a financially stable source of supply
- ✔ Disamatic, Kunkel Wagner and airset moulding lines provide the ability to select the perfect production platform for each casting product
- ✔ We have instilled a customer driven culture and approach
- ✔ Our Envirofacturing™ initiative ensures we offer an environmentally responsible source of supply

✉ TD Foundry, 295 Birmingham New Road,
Dudley, West Midlands, DY1 4SJ

☎ 0121 521 2503 @ foundrysales@thomasdudley.co.uk

🌐 www.tdfoundry.co.uk

🐦 @TDLFoundry in TD Foundry

