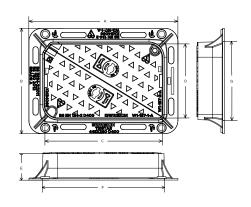


DBT0D4/4428/KT

Tristar D400 surface box $445 \text{mm} \times 280 \text{mm}$ clear opening with 100 mm frame depth



CHARACTERISTIC	VALUE
Range	Tristar
Clear opening (mm)	445 x 280
Overall frame (mm)	565 x 400
Frame depth (mm)	100



SPECIFICATION

GENERAL INFORMATION

Stock code	DBTOD4/4428/KT
Primary material	Ductile iron
Range	Tristar
Category	Surface box
Flanges	4

STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2
	BS5834
	BS750
BS EN 124 Class	D400
BS EN 124 Group	4
Third party certified	Kitemark
BS 5834 Grade	A
BS 750 Grade	A

DIMENSIONS

Frame shape	Rectangular
Manhole shape	Rectangular
Overall frame (A x B)	565 mm x 400 mm
Clear opening (C x D)	445 mm x 280 mm
Frame depth (E)	100mm
Base opening (F x G)	465 mm x 300 mm

EPD DATA

Total life cycle (cradle to grave) 62.35 kg CO₂ equivalent



FEATURES

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- Independently tested by a UKAS-accredited laboratory to achieve a PSRV value of 70+ on the chequer surface.
- Safety keyways prevent accidental lifting key disengagement during handling for safer operation.
- Non-rocking three-point suspension provides stable seating for silent, reliable operation.
- Gussets dissipate loading stresses effectively, providing longterm durability by preventing damage to the frame and bedding material.

- Directs forces vertically to convert traffic loads into mortarcompatible compression forces.
- Indexed corners ensure correct orientation and alignment first time, every time.
- Frame holes allow mortar to flow through the flange, creating a strong mechanical bond for added stability.
- Lightweight design allows safe installation by a single person, reducing labour costs.

ACCESSORIES

STOCK CODE	DESCRIPTION
PC/UNIFORM/151076	Uniform chamber adjustment unit 760mm x 100mm x 15mm
PC/UNIFORM/251076	Uniform chamber adjustment unit 760mm x 100mm x 25mm
PC/UNIWEDGE/755012	Uniform support wedge 120mm x 50mm x 75mm
YPCR/U6.5	6.5Kg Unipak® rapid curing polyester resin mortar
GRITBLOCKER	Anti-blockage keyway insert
KEYS/L	Small cover combined lifting key
KEYS/LONG	Large cover lifting keys with a long handle

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