



Fire-resistant steel trap door/steel door T 30-1-FSA „Teckentrup 62“

optionally with glazing, optionally with top light/upper casing

Text example:

T 30-1-FSA fire-proof steel door tested in accordance with DIN 4102 (EN 1634-1). Single leaf door element. Door leaf 62 mm thin rebated on three sides. Corner frame 1,5/2,0mm thick with 3-sided seal. Door leaf and frame galvanized and prime coated similar to RAL 9002 (Grey white). Mortice lock with latch lever in accordance with DIN 18250, prepared for profile cylinder. Black plastic round handle set, handle pivoted on bearing, with tumbler insert (Bb) and 1 Bb key. 1 security bolt. 1 spring hinge and 1KO hinge with ball bearings. „Teckentrup 62“ or equivalent.

(Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 1. July 2017.)

Technical data

Also available in **STAINLESS STEEL**

Building authority approval:	Z-6.20-2037 tested as per DIN 4102 (EN1634-1) for installation in internal walls. Heat transfer coefficient as per EN ISO 12567-1 (without glazing) $U_D = 1,1 \text{ W/m}^2\text{K}$ (1,0 mm sheet)
Installation in	<ul style="list-style-type: none"> ▪ Masonry wall min. 115 mm ▪ Concrete wall min. 100 mm ▪ Lightweight construction stud wall min. 100 mm ▪ Autoclaved aerated concrete wall <ul style="list-style-type: none"> - as per DIN 4165 min. 115 mm - reinforced type min. 115 mm ▪ covered wood beams <p>* $F \geq 30$ as per DIN 4102 part 4 or in accordance with the general building authority test certificate. For permissible walls refer to the installation details tab.</p>
Approved dimensions	Modular dimension W 500 - 1500 mm H 500 - 4000 mm With top light/ top casing up to H 4600 mm
Handing	DIN right or DIN left
Door (trap door) leaf	<ul style="list-style-type: none"> ▪ double skinned, thin rebated ▪ trap door 4-sided ▪ Door rebated on three sides ▪ Door leaf thickness: 62 mm ▪ Sheet thickness: 0,75/1,0 mm or 1,5 mm up to MD 1250x2500mm 0,75 mm >MD-Height door leaf 3000mm only 1,5 mm ▪ Security bolt: min. 1 ▪ Insulation: Mineral fibet board
Frame	Corner frame 1,5/2,0mm thick, trap door with 4-sided, door with 3-sided seal. Installation of frame: screw-mounting. 3 per Side. Special equipment: <ul style="list-style-type: none"> ▪ block-, counter- or closed frame ▪ with floor recess
Floor seals	<ul style="list-style-type: none"> ▪ Retractable floor seal ▪ sliding threshold seal ▪ Buffer strip and seal Floor seal retrofittable
Surface	Door leaf/Frame galvanized and prime coated, similar to RAL 9002 (Grey white).
Hinges and closing devices	<ul style="list-style-type: none"> ▪ 1 spring hinge and 1 KO-hinge with ball bearings or ▪ 2 KO with ball bearings and 1 top door closer ▪ compensation rings for height adjustment
Fittings	<ul style="list-style-type: none"> ▪ Mortice lock with latch lever DIN 18250. ▪ Black plastic handle set, handle pivoted on bearing with tumbler insert (Bb) and 1 Bb-key

Glazing	Fire resistant glass "Promaglas 30", 17 mm thick. Glazing area angled with aluminium glass holding strips. Max. pane size 904x2150 mm. round glazing Ø300, Ø400 and Ø500 with steel glass holding strips galvanized and prime-coated, grey-white similar to RAL 9002.
Special equipment	<ul style="list-style-type: none"> ▪ Handle sets / Lever/Knob sets: <ul style="list-style-type: none"> - plastic - light metal - stainless steel - with short plate or rose escutcheon (various makes) ▪ prepared for rose escutcheon ▪ locks: <ul style="list-style-type: none"> profile cylinder 40,5 + 40,5 mm - panic locks block lock (must be provided) ▪ top door closer DIN EN 1154 <ul style="list-style-type: none"> - head assembly - with slide rail - with locking device - with smoke detector - ITS 96 (hidden) ▪ doors with glazing with top door closer ▪ For installation in lightweight construction stud walls with top door closer ▪ for installation in autoclaved aerated concrete walls with top door closer ▪ electric door opener ▪ Integrated lock inspector (bolt contact) ▪ Integrated opening indicator (Reed contact) ▪ Revolving door drives ▪ Hold-open devices

	Ordering dimensions / (modular dimensions) Width x height	Clear passage size (corner frame) width x height
Standard sizes steel door	875 x 1875	791 x 1836
	2000	1961
	2125	2086
	1000 x 2000	916 x 1961
	2125	2086
	1125 x 2000	1041 x 1961
	2125	2086
	1250 x 2000	1166 x 1961
	2125	2086
	2250	2211

(Special sizes: from 500 x 1750 to 1500 x 4000)

Further Qualifications
(Special equipment):



Smoke proof in accordance to 1634-3/
DIN 18095 with top door closer



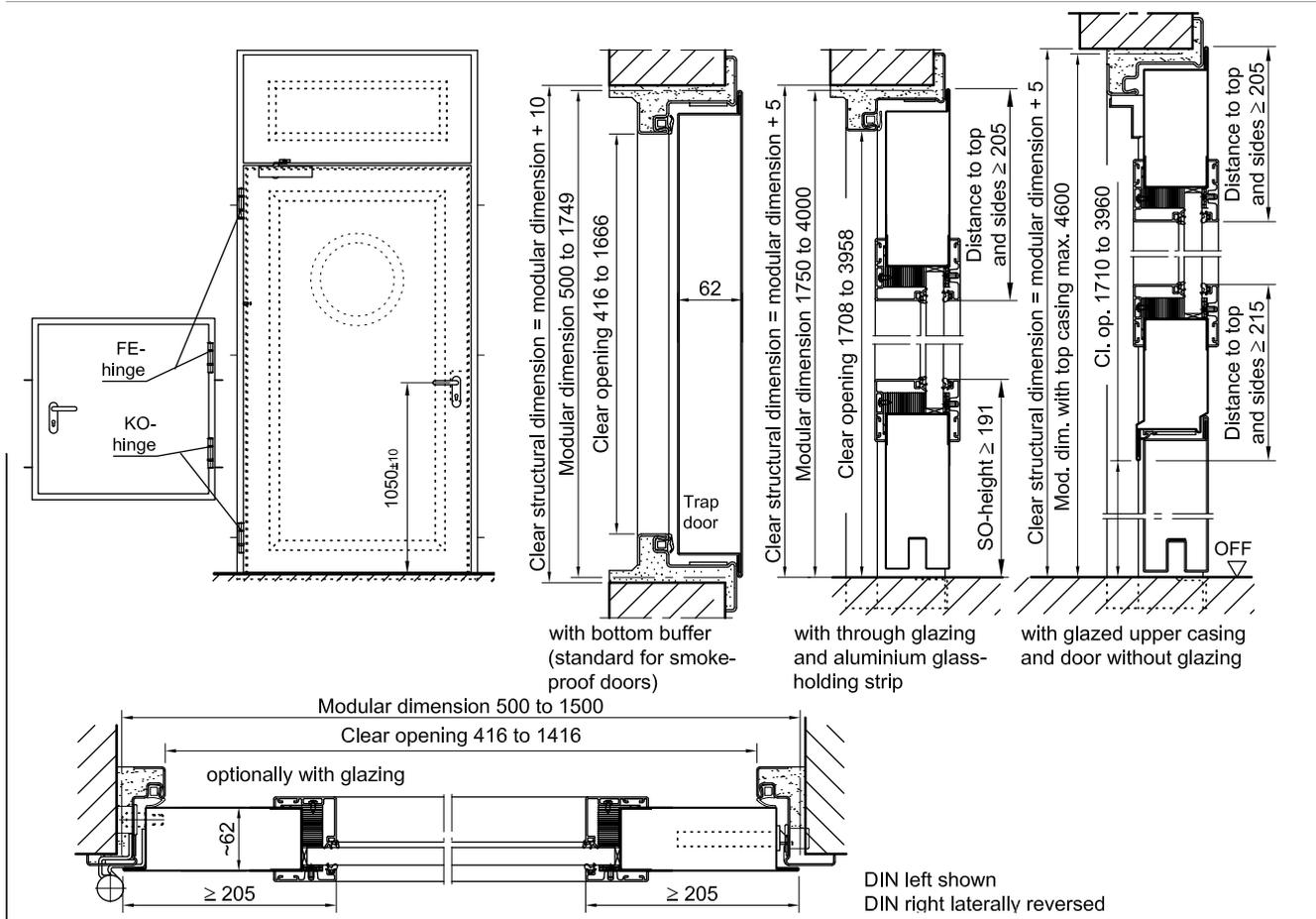
Sound insulated in acc. with
DIN EN 20140/717 Part 1
RW 37dB with retractable floor seal
RW 35dB with sliding threshold seal
RW 37dB with bottom buffer and seal



Burglar resistand in accordance with
DIN EN 1627- RC 2 (WK 2)
RC 3 (WK 3),

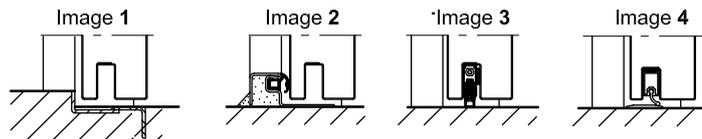
Fire-resistant steel trap door/steel door
T 30-1-FSA „Teckentrup 62“

optionally with glazing, optionally with top light/upper casing



Floor connections:

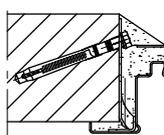
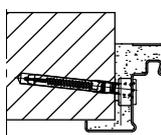
- Image 1: With bottom buffer
- Image 2: With bottom buffer/seal
- Image 3: With bottom seal (smoke-proof door with top door closer)
- Image 3: sliding threshold seal



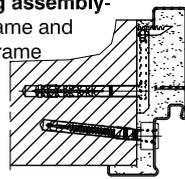
Installation in masonry/ concrete walls

concrete walls ≥ 100 mm
masonry walls ≥ 115 mm

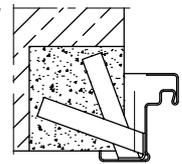
Wall plug assembly



Wall plug assembly - closed frame and counter frame



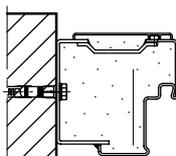
Wall anchor assembly



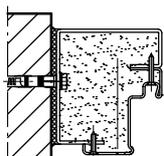
Installation with block frame Flush installation between

concrete walls ≥ 100 mm
masonry walls ≥ 115 mm

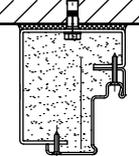
Type 1.1



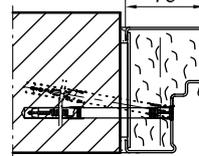
Type 2.1 Disassembled version



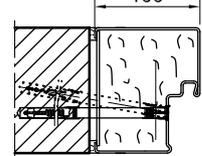
Type 2.2 in front of the reveal



Type 4.1



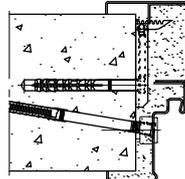
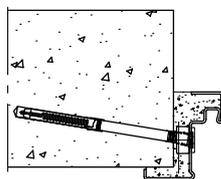
Type 4.2



Installation in autoclaved aerated concrete walls

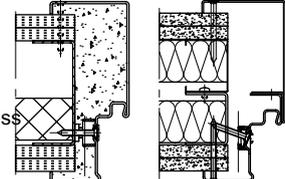
(doors with top door closer).
Made of autoclaved aerated concrete blocks or high precision units in acc. with DIN 4165 strength class 4 min. 115 mm or made of reinforced autoclaved aerated concrete slabs strength class 4. Wall thickness min. 115 mm

Wall plug assembly



Installation in lightweight construction stud walls (doors with top door closer)

Installation walls F30 in acc. with DIN 4102 Part 4 or in acc. with general building authority test certificate, wall thickness min. 100 mm. For permissible walls refer to the installation details tab



Closed frame / Corner-counter frame