



## T90-1 TSN-11

### Single Wing T 90 Fire Resistant Steel Door and Flap

Fire Protection T90 in accordance with DIN 4102

\* Smoke Control RS in accordance with DIN 18095

\* Noise Control up to R<sub>W</sub> 45dB in accordance with DIN 52210

\* Burglar Proof RC2/RC3/RC4 in accordance with DIN V ENV 1627

\* Stainless Steel

Range of Dimensions (door): Width from 625 mm to 1500 mm

Height from 1750 mm to 3250 mm

Range of Dimensions (hatch): Width from 500 mm to 1350 mm

Height from 500 mm to 1875 mm

### Technical specification and text for invitation to tender

Product: T90-1 single wing fire resistant steel door brand Buchele

in accordance with DIN 4102

Door Type: T90-1 TSN-11 (System Schröders)

Dimensions: .... x .... mm

**Door Leaf:** Double walled, level 69 mm thick steel door leaf without hinge embossing,

three sides folded with thin rebate without bottom stop. Special insulating inserts completely laid in and glued.

Safety bolt screwed in door leaf fold.

Sill: Floor bracket as separation bar. Surface galvanized and welded to the

frame.

Frame: 3-sided circumferential folded corner frame with visible black coated

intumescent material in fold.

Sealing profile adjustable fixed in the three sided groove.

**Hinges:** Threepart height-adjustable construction hinges with hinge pin retention

and ball-bearing spacer ring for smooth door movement.

**Door Closer:** Standard arm door closer according to DIN EN 1154 silver colored

mounted on hinge side.

Fitting: With mortice lock with latch lever function in accordance with DIN EN

12209 (prepared for installation of a profile cylinder lock provided by

customer).

Door handle set in accordance with DIN EN 1906 firmly installed turnable

synthetic material black in U-shape with rounded short-plate.

Surface: Door leaf and frame galvanized and primed with one component primer

similar RAL 7001.

**Mounting:** Delivery and professional assembly including filling of the cavities in the

frame with mortar of group III.

**Installation:** in brick wall  $\geq$  240 mm

in concrete ≥ 140 mm

<sup>\* (</sup>special options see back of this page)





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## **Special Models**

Smoke Protection: Drop seal or stop sill.

**Sound Insulation:** Drop seal or stop sill.

**Burglary Protection:** RC 2, RC 3 or RC 4 safety package with safety fitting.

**Glazing:** F90 Fire protection glass held by steel glass bars minimum frieze width

circumferential 130 mm. max. glass size 940 x 1900 mm.

Stainless Steel: Material 1.4301 (V2A) or. 1.4571 (V4A),

Surface bright mill, brushed or mattet





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