

## Single Leaf Air Tight Steel Door

**Air Tight** class 4 tested acc. to EN 1026  
up to 0,8 m<sup>3</sup> / hm<sup>2</sup> at 1000 Pa

### Optional Audited Additional Functions

- Stainless Steel

### Range of Dimension

**Width** from 625 mm to 1250 mm

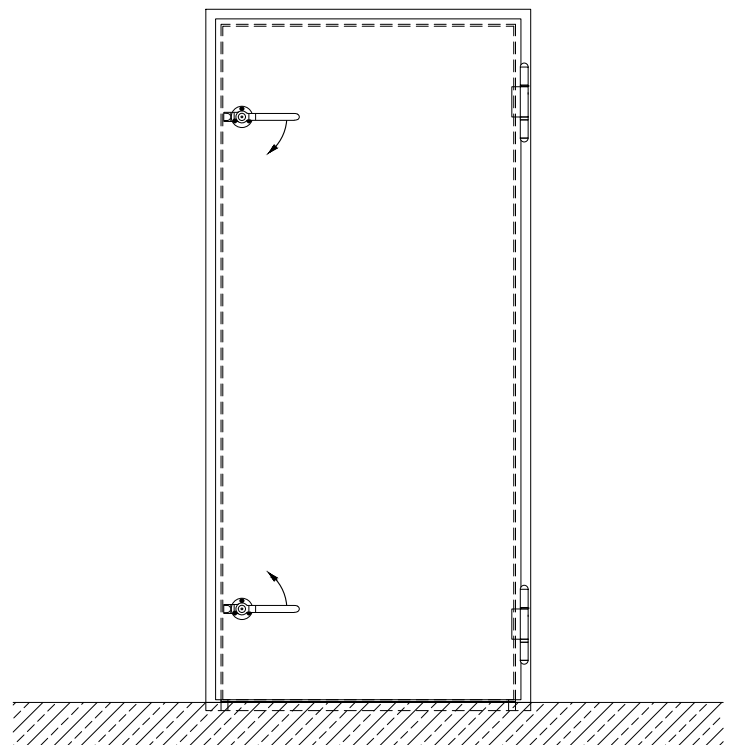
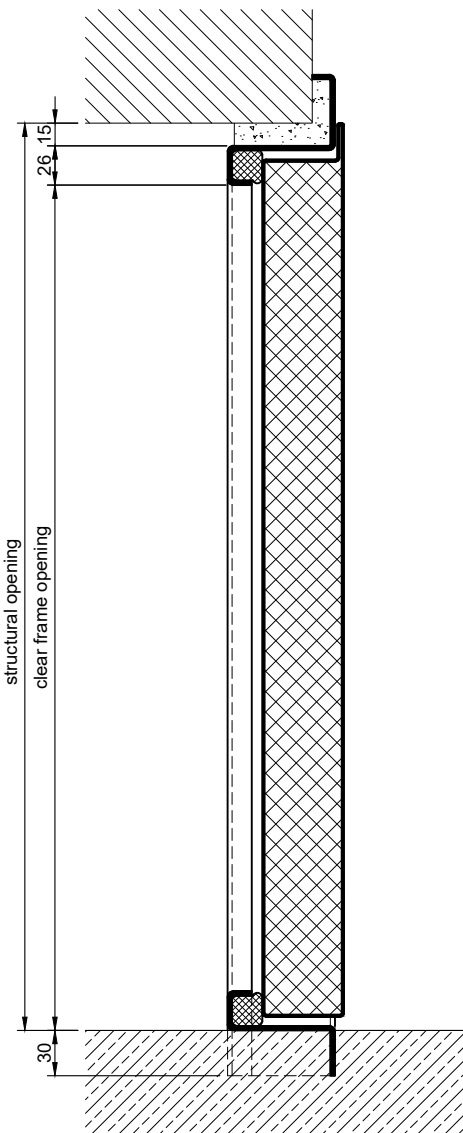
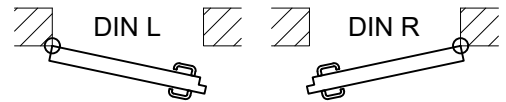
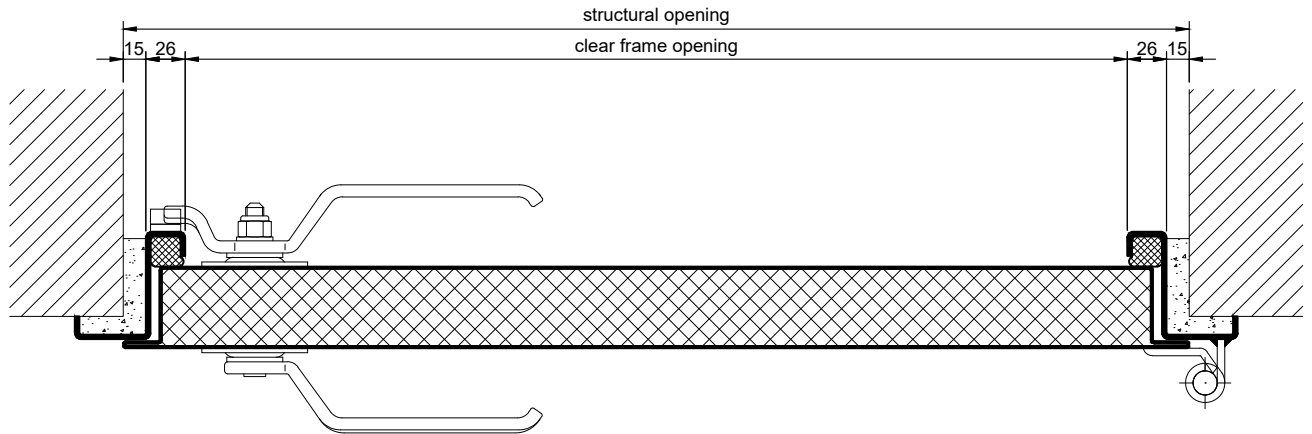
**Height** from 1500 mm to 2250 mm

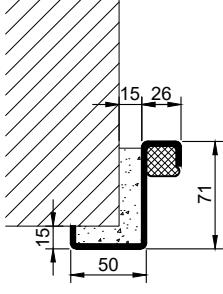
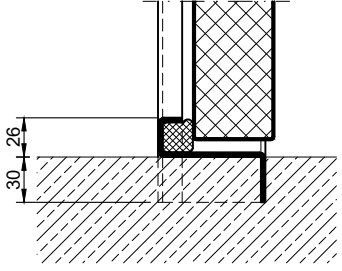
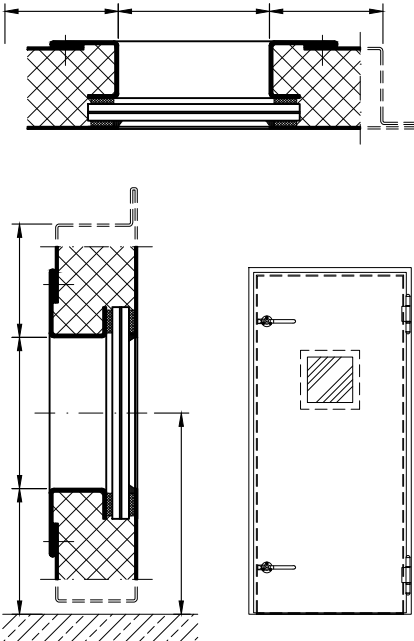
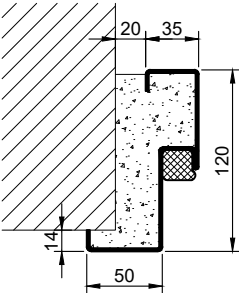
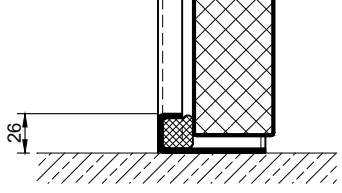
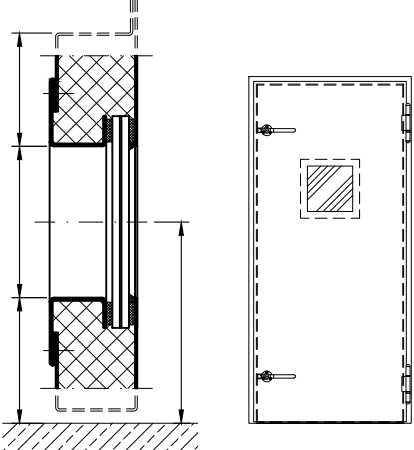
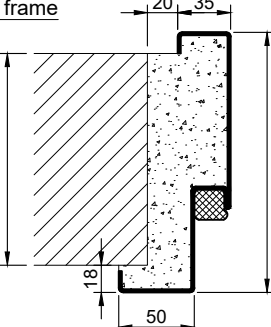
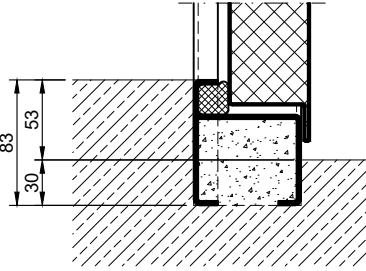
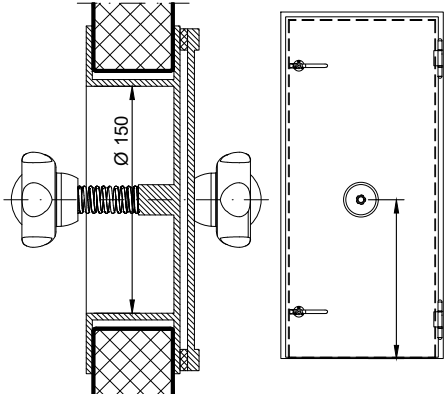
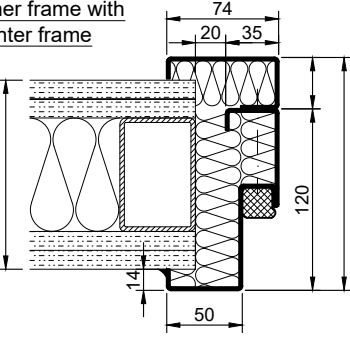
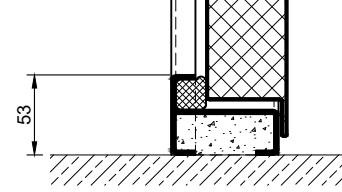
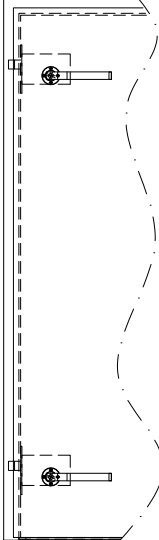
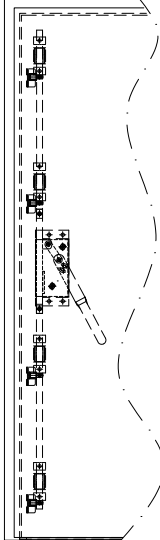
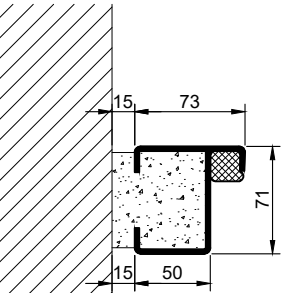
### Technical Specification and Tender Text

<b>Product:</b>	LD-1 / 03 single leaf air tight steel door brand Buchele tested acc. to EN ISO 1026
<b>Door Type:</b>	LD-1 / 03
<b>Air Tight Class:</b>	4
<b>Structural Opening:</b>	.... x .... mm
<b>Door Leaf:</b>	Double-walled, planar 54 mm thick steel door, four sides rebated with thin rebate. Special insulating inserts fully laid-in and glued.
<b>Frame:</b>	4-sided circumferential rebated corner frame with high-quality multi chamber sealing profile adjustable fixed in the four-sided groove.
<b>Hinges:</b>	Three-part, height adjustable construction hinges with hinge pin retention and ball bearing spacer ring for smooth door movement.
<b>Fitting:</b>	Pair of clamping levers in the upper and lower door leaf area.
<b>Surface:</b>	Door leaf and frame galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

### Special Versions

<b>Glazing:</b>	Single glazing or insulating glazing fixed with profiled and visible screwed steel glazing bars. Minimum border 125 mm on side and top, base 300 mm.
<b>Lock:</b>	Mortise lock with latch lever function acc. to EN 12209 (prepared for installation of a profile cylinder lock, provided by customer).
<b>Fitting:</b>	Door handle set in acc. to EN 1906 fixed pivoted synthetic material black in U-shape with rounded short-plate, one side with sealed door plate without cylinder punch.
<b>Stainless Steel:</b>	Material 1.4301 (V2A) or 1.4404 (V4A), Surface mill finish or brushed.



Frames	Thresholds	Options
<p>Z-frame</p> 	<p>stop sill</p> 	<p>vision pannel</p> 
<p>corner frame</p> 		
<p>encasing frame</p> 	<p>full sill</p> 	<p>pressure compensation valve</p> 
<p>corner frame with counter frame</p> 		<p>clamping locks</p>  <p>central lock</p> 
<p>profile block frame</p> 		

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