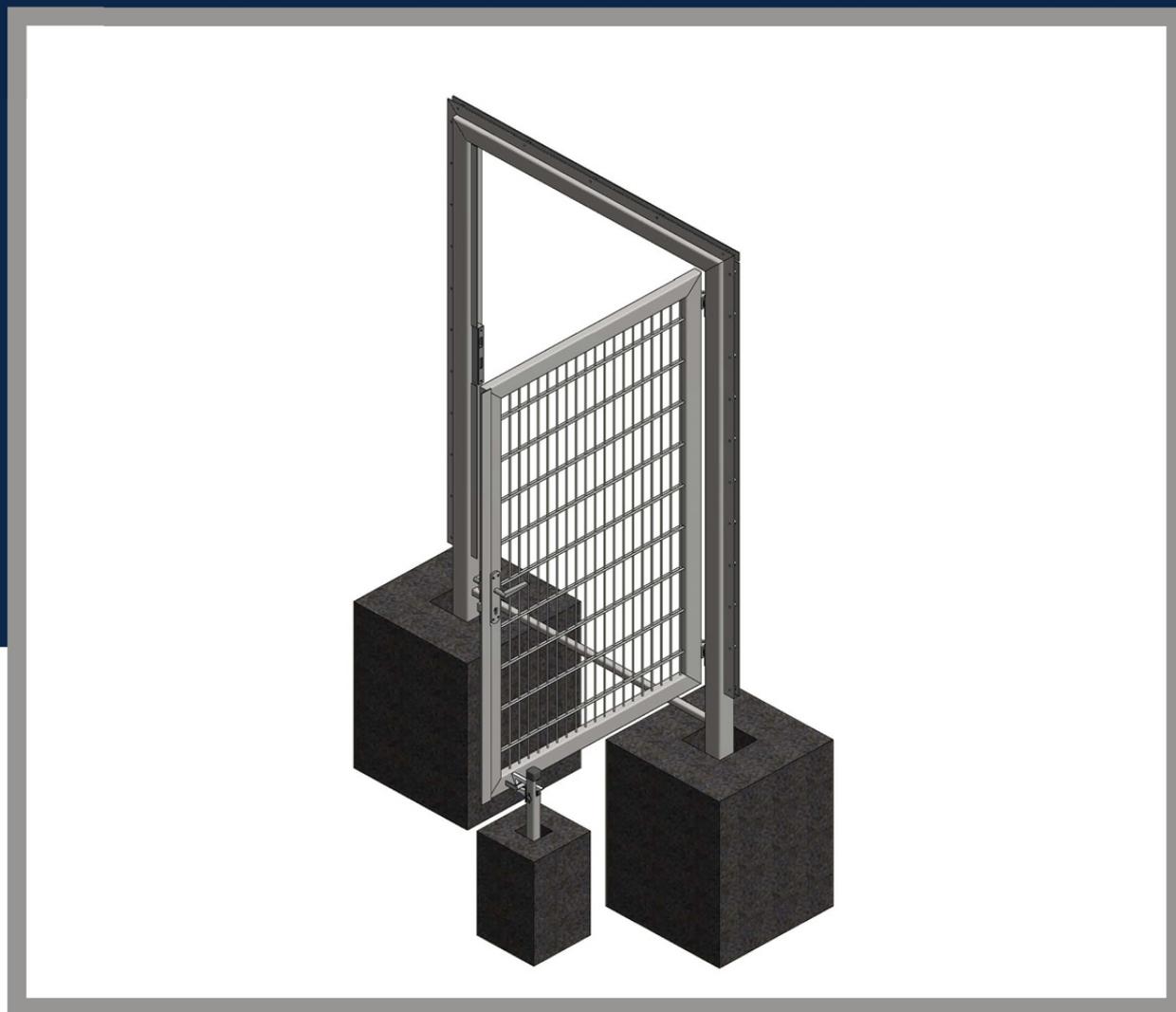


# METAL-FRAMED DOOR DFT-SRT SINGLE-LEAF, MANUALLY OPERATED



for clear widths from 1 to 1.25 m

## **METAL-FRAMED DOOR DFT-SRT**

**Single-Leaf Metal-Framed Doors DFT-SRT** are a subcategory of the manually operated **Leaf Swing Gates DFT-1H** and an ideal solution for movable closures in security fences. They offer an organised access to an enclosure, perimeter or area. Due to their circumferential metal frame with fence connector, these doors can be perfectly integrated in security fences, which are usually higher than the demanded passage height of the door. A huge advantage is, that the climb over protection remains with the fence components and that it is not on the door leaf. The door leaf solely consists of a traffic leaf with operation device, profile cylinder lock and a locking device (optional). The opening angle is flexible, determinable between minimum 90° up to maximum 180°. For the representative securing of outdoor and facility areas you can integrate a variety of door fillings matching the security fence. Metal-Framed Doors DFT-SRT in security fences are predestined for secured passenger traffic. The modern added value comprises the optimal protection of passenger traffic. Due to its thought-out structure existing security fences can be easily expanded without immense structural work if the assembly is within one fence panel.

### **Attributes:**

- reliable securing of outdoor areas with a visitor frequency
- simple and self-explanatory operation
- robust construction
- lever-proof, because of a fixed connection between mounting post and slam post
- due to a circumferential metal frame there is a maximal increase of manipulation protection
- high resistance against environmental influences
- flexible in width and height
- various options, for example, adapting to security fences due to a variety of door fillings
- inexpensive solution

# METAL-FRAMED DOOR DFT-SRT

## Use:

Metal-Framed Doors DFT-SRT are mainly used for persons traffic in fences which are higher than 2 m respectively equipped with a laterally expanding climb over protection or when stretched roll mesh is connected as a fence panelling.

- authority facilities
- law enforcement and hospital order treatment
- industrial plants and power plants
- military facilities
- supply facilities
- sports facilities

## Versions / Names:

**DFT-SRT:** metal-framed door, single-leaf, manually operated

### Geometrical Key Figures:

	SRT 1000	SRT 1250
<b>opening width</b>	1000 mm	1250 mm
<b>door height</b>	2100 mm	2100 mm
<b>passing height</b>	2000 mm	2000 mm
<b>ground clearance</b>	50 mm	50 mm
<b>metal frame</b>	minimum RT* 80/40	minimum RT* 80/40
<b>door hinges</b>	M12	M12
<b>door frame</b>	RT* 60/40 mm	RT* 60/40 mm
<b>standard filling</b>	double bar grating panels	double bar grating panels
<b>mesh width</b>	50/200	50/200
<b>lock</b>	mortice lock	mortice lock

\* RT = rectangular tube

## METAL-FRAMED DOOR DFT-SRT

The **Metal-Framed Door** is manufactured as an assembly unit consisting of door leaf, locking device (optional), metal frame with adjustable hinges and circumferential fence connectors. The door leaf is welded torsion-resistant and dimensioned according to the static requirements. The door filling is welded in between upper and lower beam. The leaf is equipped with a mortice lock and a locking unit and locking device (optional). The design of the closing strip or the stop depends on the opening direction of the door (opening outwards: closing strip on traffic leaf, opening inwards: closing strip on the frame). The version can also be circumferential. The metal frame consists of a lateral door post, upper and lower beams, which are welded together. The frame is equipped with adjustable door hinges which hold the door leaf.

The **manual locking** happens by means of a mortice lock and a locking unit on the frame. The optional leaf locking happens by means of a side locking device on the ground.

**TORWERK– Long-lasting corrosion protection in 4 steps:**



The coating thickness is 260 µm, all requirements on corrosion protection stresses according to DIN EN 12944-2- C4 (long protective effect) are met.

**First-class haptics** due to:

- a hermetically welded construction
- a surface free of zinc cavities
- welding seams that are ground flatly (mitre corners) after zinc coating
- no warping of the surface because of zinc cavities

Environmentally friendly procedure:

- no use of solvents
- recycling of oversprays

# METAL-FRAMED DOOR DFT-SRT

## Options and accessories:

### Colour design/ labelling:

Door posts and door leaf are designable in colour tones according to RAL/DB.

### Design of the door leaves:

- instead of mesh mats filling, fence type filling
- closed sheet metal filling or perforated steel plate filling in a powder-coated version
- ribbed or straight sheet metal, one-sided or two-sided
- lead frame, crimped mesh, mesh mat, expanded metal

### Door Monitoring:

Optionally, VdS- approved lock switch and magnet contacts along with flexible cable ducts, assembly spaces and empty conduit connections can be set up.

### Automatic Door Closer:

with 500 N thrust, suitable for traffic leaves up to 2.50 m width and open-pored filling

### Tandem Mortice Lock:

with 2 profile cylinder locks in OR-circuit

### Panic Locks:

in connection with a finger protection

### Grounding Connections:

- lug on door post for joint, flat steel 30 or round 10 mm (Dehn)
- flexible ground cable with door leaf/ door post connection

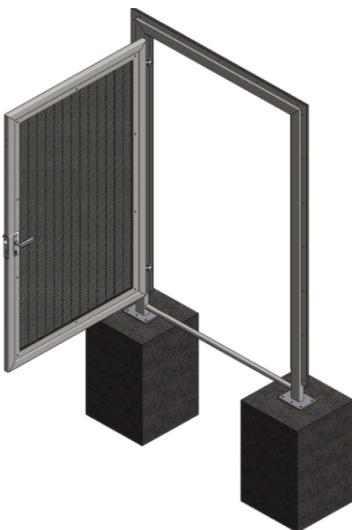
### Climb-over and crawl-under protection

- serrated band 45 mm high or steel tips 50 x 10 mm, 50 mm space on the upper beam of the frame

## METAL-FRAMED DOOR DFT-SRT

### Torwerk-assembly service:

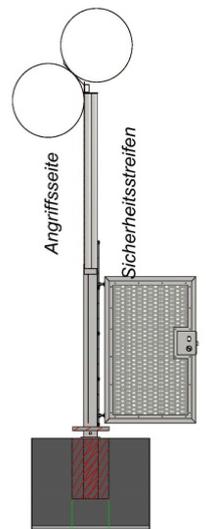
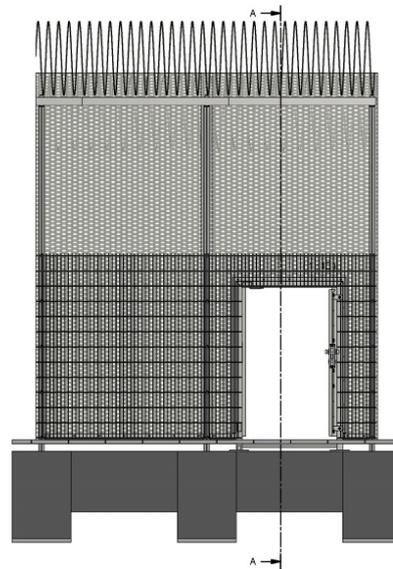
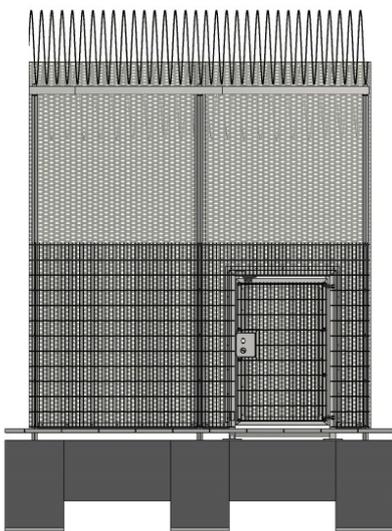
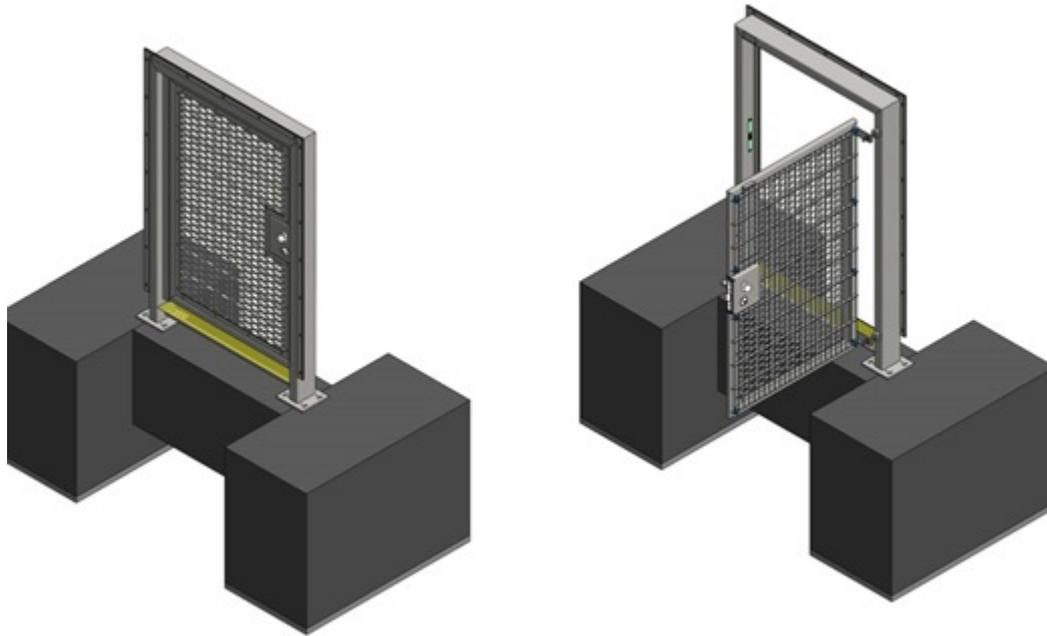
Every configured **Metal-Framed Door DFT-SRT** is delivered completely mounted. The assemblers need to set the complete door into the prefabricated sleeve foundation, align it and set it in concrete. After an appropriate cure time the fence connection gets established. Now the side locking device as an optional locking device can be fixed and set in concrete. Make sure that the opening angle is first limited where the widest possible passing width is reached and no risk of accident can be caused by free-standing side locking devices (risk of stumbling respectively hazard location vehicle).



View from the attacker's side – door closed

View from the security strip – door open

# METAL-FRAMED DOOR DFT-SRT



Construction and Design: Falco Wolf/ Maik Brunner

## **METAL-FRAMED DOOR DFT-SRT**

