

# Folding grilles



OCO Oesterheld GmbH

**Rolling grilles**  
**Folding grilles**  
**Spring shafts**  
**Rolling shutters**

For special design:



Always up to date  
as a member of  
BVT

# Folding grilles

Galvanized steel

Galvanized steel and powder-coated

stainless steel (special design):  
natural, polished, brushed or powder-coated

## Technical data

### U-profiles

- ▶ Vertical U-bars of 10/20/10/3 mm with a max. distance of 120 mm
- ▶ Revolving U-rails of at least 30/50/30/3 mm
- ▶ Above a height of 2,500 mm upper rail 50/50/50/3 mm

### Sliding

- ▶ From 18 x 4 mm going over 3 double bars
- ▶ Height up to 2,400 mm with 2 sets of scissors, 3 sets of scissors for higher heights

### Optional

- ▶ Design with increased burglary protection on request
- ▶ Core extraction protection

### Lock design

- ▶ Latch lock, at least 3 times
- ▶ Hook bolt lock under 1,100 m (simple locking)
- ▶ Optional espagnolette bolt (to top and bottom)

### Rollers

- ▶ Made of stainless steel V2A (standard)
- ▶ Rollers with ball bearings can also be used for indoor assembly

### Special design

- ▶ Burglary resistant, certified according to resistance class 3
- ▶ Top running – suspended folding grille
- ▶ Running in bend – with radius

- ▶ **Note:** Slidable lattice grates are custom-manufactured with any desired dimensions.



also ideal for private buildings

rotatable 90° or 180°

fixed

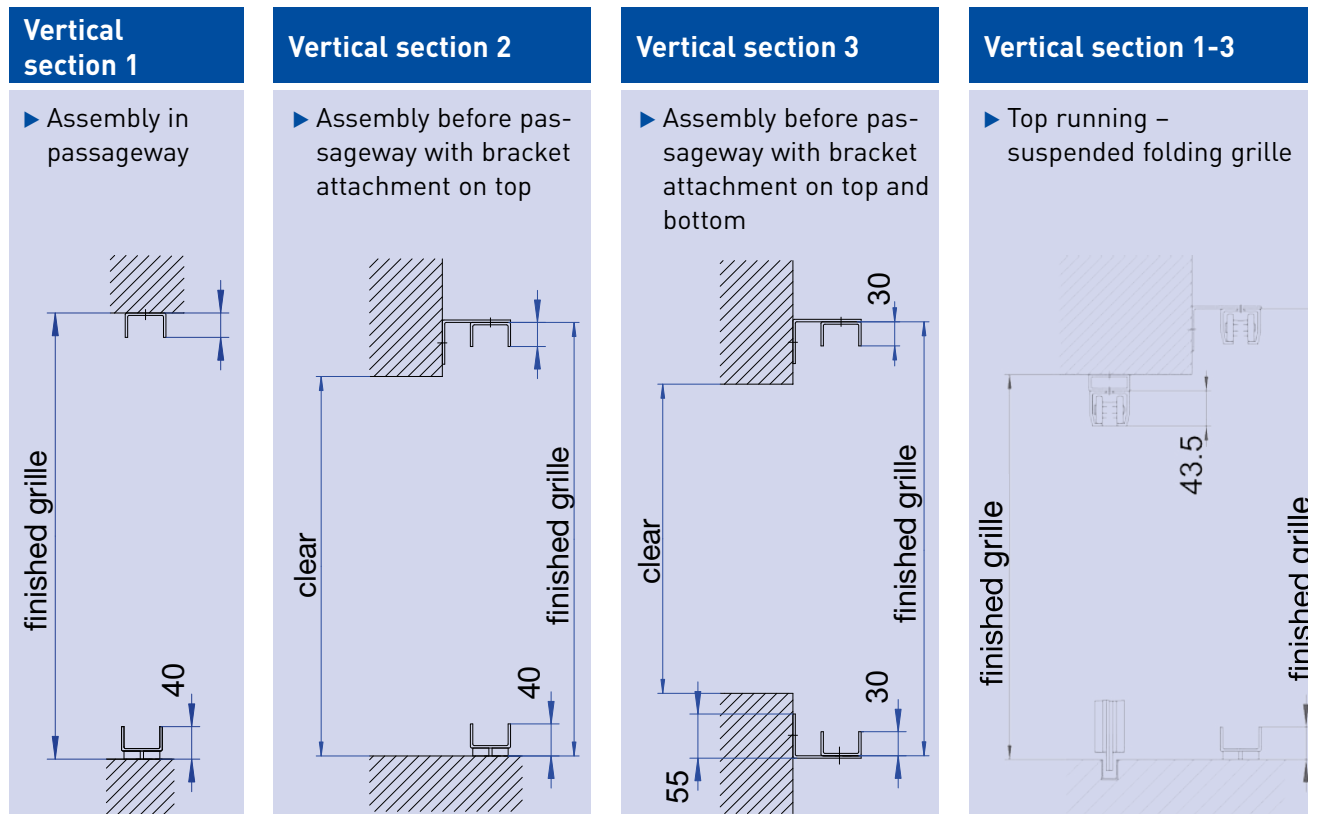
## Technical data

Grate widths – Package thicknesses		Maximum width up to 12 m, maximum height up to 12 m																
Layout		clear width mm																
		of to	761 900	901 1040	1041 1180	1181 1320	1321 1460	1461 1600	1601 1740	1741 1880	1881 2020	2021 2160	2161 2300	2301 2440	2441 2580	2581 2720	2721 2860	2861 3000
▶ A	Package thickness		185	205	205	225	225	245	245	265	265	285	285	305	305	325	325	3
▶ B	Package thickness		210	230	250	270	290	310	330	350	370	390	410	430	450	470	490	5
▶ C	Package thickness		225	225	245	265	265	285	285	305	325	325	345	345	365	365	385	4
	Grille width including bracket		1370	1510	1690	1870	2010	2190	2330	2510	2690	2830	3010	3150	3330	3470	3650	38
▶ D	Package thickness		250	270	310	330	350	370	390	410	450	470	490	510	530	550	590	6
	Grille width including bracket		1155	1315	1495	1655	1815	1975	2135	2295	2475	2635	2795	2955	3115	3275	3455	36
▶ E	Package thickness		250	290	310	330	350	370	390	430	450	470	490	520	530	570	590	6
	Grille width including bracket		1180	1360	1520	1680	1840	2000	2160	2340	2500	2660	2820	2980	3140	3320	3480	36

The specified values are only meant as guideline

### Vertical sections

▶ (Please specify for orders and price requests)



Individually customized products

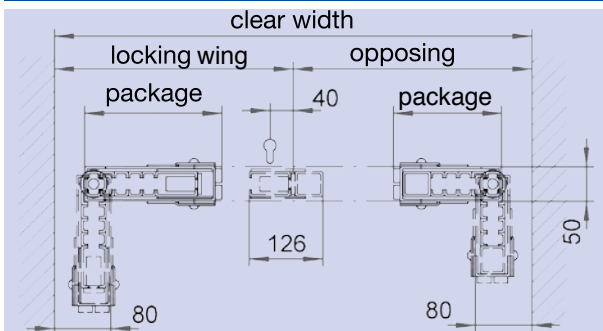
Special design in RC3

## Technical data

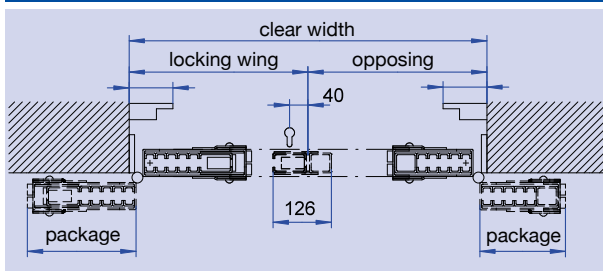
### Layout configurations

- ▶ (Please specify for orders and price requests)

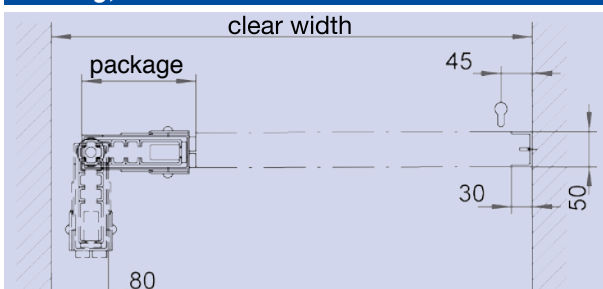
#### Layout A - assembly in passageway 2-wing, 90° rotatable (or fixed)



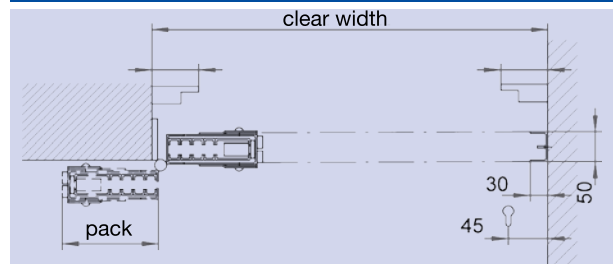
#### Layout A - with outside pivot pins, 2-wing, 180° rotatable



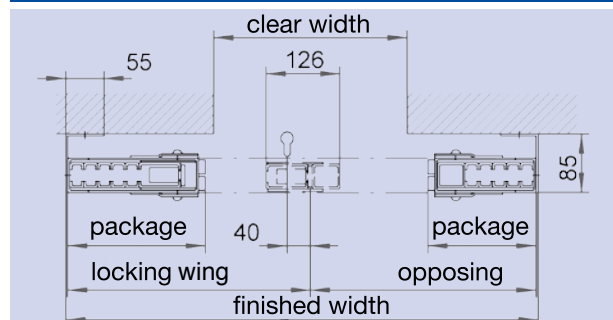
#### Layout B - assembly in passageway 1-wing, 90° rotatable (or fixed)



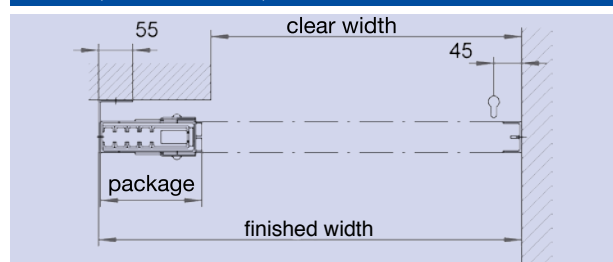
#### Layout B - with outside pivot pins, 1-wing, 180° rotatable



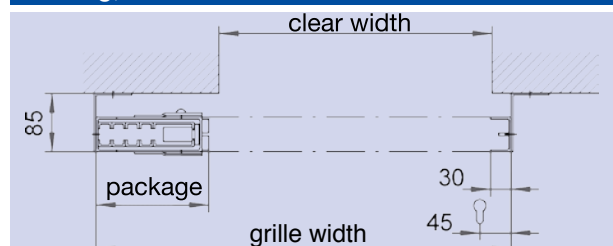
#### Layout C - assembly before passageway 2-wing, fixed (or rotatable)



#### Layout D - assembly before passageway, fixed (or rotatable)



#### Layout E - assembly before passageway 1-wing, fixed (or rotatable)



## General information

**OCO folding grilles in the standard design galvanized steel, bottom rail fixed or folding upwards, package fixed or rotatable by 90°, consisting of vertical double U-bars connected with lattices in a circumferential U-frame.**

- ▶ When installing in the reveal, it must be verified whether the backset of 45 mm is adequate. Rectangular tube support is used to increase the backset to the required size. (please specify)
  - ▶ For rotatable folding grilles, a pivot pin is inserted into the floor on which the package including the rear rail is rotated by 90°. Alternatively, the pivot pin is located on a bracket for all assembly.
  - ▶ When assembly before the reveal, brackets are fastened to the circumferential U-frame. If possible, the brackets point to the clear opening. (To additionally conceal the screws with the circumferential U-frame.)
  - ▶ Latch lock as multi-point locking system (minimum 3x) from a height of 1,100 mm. For one-sided lock operation, a standard 30/10 cylinder is used, for two-sided operation a 30/30 cylinder.
  - ▶ Standard rollers are made of stainless steel V2A. Rollers with ball bearings can also be used for folding grilles installed indoors.
- The design may differ with very small lattice grates
- ▶ OCO delivers all folding grilles ready for installation with (standard) mounting material and according to customer requirements.



## Special RC3 design:

Up to a maximum finished width of 4,800 x 3,700 mm, our folding grilles are certified in this special design according to resistance class 3.

A requirement for this is assembly on a base that meets the standard DIN EN 1627 and the use of all factory-made holes with the included safety screws.

**For larger dimensions, the folding grilles can be produced with an identical construction.**

## Some details about the special RC3 design:

- ▶ 1- and 2-wing, consisting of galvanized steel and stainless steel.
- ▶ Are exclusively available as bottom running grates with fixed packages
- ▶ Bottom rail folding or fixed with ground socket. Double bars with continuous saw-through protection.
- ▶ Stainless steel riveted bolts.
- ▶ Scissors (18 x 4 mm stainless steel) specially hardened.
- ▶ Revolving U-frame (up to the locking rail) of U 50 x 50 x 50 mm
- ▶ Latch lock as minimum 6x locking system
- ▶ Safety lock with core extraction protection escutcheon





**OCO Oesterheld GmbH**

**Rolling grilles  
Folding grilles  
Spring shafts  
Rolling shutters**

Glockenstahlstraße 8 · 42855 Remscheid  
Telephone +49 (0) 2191 9050 · Fax +49 (0) 2191 90518  
info@ocoesterheld.de · [www.ocoesterheld.de](http://www.ocoesterheld.de)

Your specialist