

## Graepel stairway steps

### Straight stairway steps

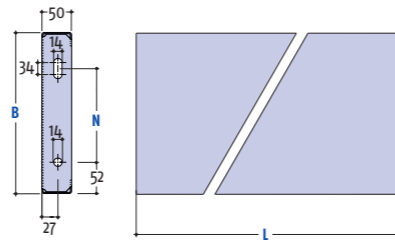
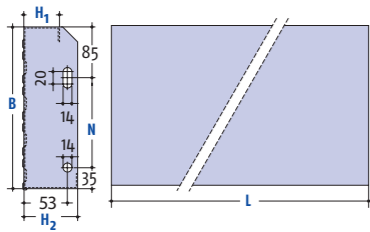
Depending on the application in the public and industrial sectors, stairway steps are available with different perforations. All steps comply with EN ISO 14122-3. They feature welded front edges and lateral fixing holes. All steps shown may be produced in two standard types (see below) except for Graepel-Stabil. Only standard type 70 is available from stock in the dimensions to

which an order number is given. Moreover, a special type, the architect's step Graepel-Perl with perforated stepping edge is available. All steps in stock are designed for 5 kN/m<sup>2</sup> uniformly distributed load and 1.5 kN over 200 x 200 mm concentrated load. Steps with other perforations on request.



Steps with higher load capacities are also available on request.

### Standard types



Standard type 70 (can replace grid steps) standard dimensions				
D* [mm]	H1/H2* [mm]	B* [mm]	L* [mm]	N [mm]
2.0/2.5	40/70	240	600-1,000	120
2.0/2.5	40/70	270	600-1,000	150
2.0/2.5	40/70	300	600-1,000	180

\* Other dimensions on request.

Standard type flat (particularly compact and lighter weight) standard dimensions				
D* [mm]	H* [mm]	B* [mm]	L* [mm]	N [mm]
2.0/2.5	50	240	600-1,000	127
2.0/2.5	50	270	600-1,000	157
2.0/2.5	50	300	600-1,000	187

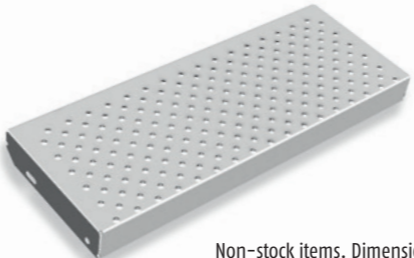
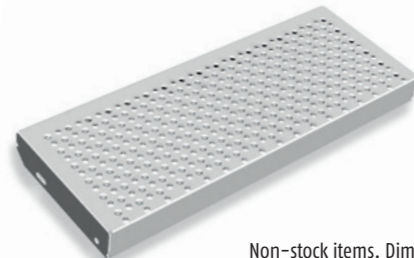
\* Other dimensions on request.

### Stairway steps with hole diameters up to 8 mm

Graepel-Perl (formerly Graepel Cone)	
Material	D [mm]   H1/H2 [mm]   B [mm]   L [mm]   N [mm]   Order number (standard type 70)
DD 11 hot-dip galvanized	2.5   40/70   240   800   120   60 2800 0733 002
	2.5   40/70   240   1,000   120   60 2800 0735 002
	2.5   40/70   270   1,000   150   60 2800 0511 002

Graepel-Garden (formerly Graepel Round No8)	
Material	D [mm]   H1/H2 [mm]   B [mm]   L [mm]   N [mm]   Order number (standard type 70)
DD 11 hot-dip galvanized	2.0   40/70   240   800   120   60 2800 2642 002
	2.0   40/70   270   800   150   60 2800 2492 002
	2.0   40/70   300   800   180   60 2800 2644 002
	2.0   40/70   240   1,000   120   60 2800 2643 002
	2.0   40/70   270   1,000   150   60 2800 2493 002
	2.0   40/70   300   1,000   180   60 2800 2494 002

## Graepel stairway steps

Graepel-Indoor (formerly Graepel Round A)	Graepel-City (formerly Graepel Round B)
 Non-stock items. Dimensions on request.	 Non-stock items. Dimensions on request.

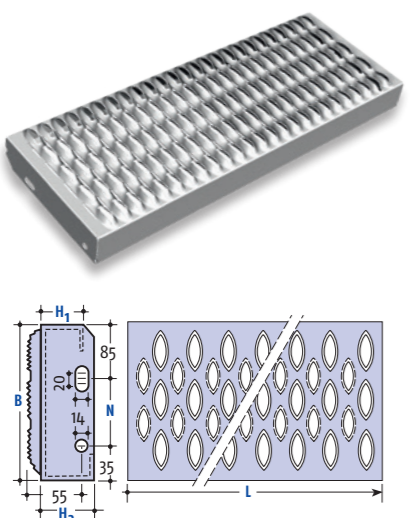
Graepel-Eco (formerly Graepel-Round K)	
Material	D [mm]   H1/H2 [mm]   B [mm]   L [mm]   N [mm]   Order number (standard type 70)
DD 11 hot-dip galvanized	2.5   40/70   240   800   120   60 2800 0745 002
	2.5   40/70   240   1,000   120   60 2800 0746 002
	2.5   40/70   270   1,000   150   60 2800 0497 002

### Stairway steps with hole diameter more than 8 mm

Graepel-Universal (with perforated stepping edge) (formerly Graepel Round S)	
Material	D [mm]   H1/H2 [mm]   B [mm]   L [mm]   N [mm]   Order number (standard type 70)
DD 11 hot-dip galvanized	2.0   40/70   240   600   120   60 2800 0712 102
	2.0   40/70   270   600   150   60 2800 0719 102
	2.0   40/70   240   700   120   60 2800 0713 102
	2.0   40/70   270   700   150   60 2800 0720 102
	2.0   40/70   240   800   120   60 2800 0714 102
	2.0   40/70   270   800   150   60 2800 0721 102
	2.0   40/70   300   800   180   60 2800 0728 102
	2.0   40/70   240   900   120   60 2800 0715 102
	2.0   40/70   300   900   180   60 2800 0729 102
	2.0   40/70   240   1,000   120   60 2800 0716 102
	2.0   40/70   270   1,000   150   60 2800 0723 102
	2.0   40/70   300   1,000   180   60 2800 0730 102
	2.0   40/70   240   1,100   120   60 2800 0717 102
	2.0   40/70   300   1,100   180   60 2800 0731 102
	2.0   40/70   240   1,200   120   60 2800 0718 102
	2.0   40/70   270   1,200   150   60 2800 0725 102
	2.0   40/70   300   1,200   180   60 2800 0732 102
	2.5   40/70   300   1,250   180   60 2800 2238 102
	3.0   50/75   300   1,500   180   60 2800 2599 102
	Stainless steel Material no. 1.4404 pickled

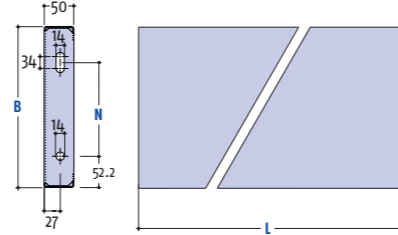
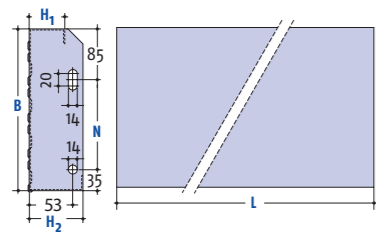
# Graepel stairway steps

### Graepel-Stabil



Material	D [mm]	H1/H2 [mm]	B [mm]	L [mm]	N [mm]	Order number (standard type 70)
DD 11 hot-dip galvanized	2.0	40/62	240	600	120	60 2800 0700 002
	2.0	40/62	270	600	150	60 2800 0704 002
	2.0	40/62	300	600	180	60 2800 0708 002
	2.0	40/62	240	800	120	60 2800 0701 002
	2.0	40/62	270	800	150	60 2800 0705 002
	2.0	40/62	300	800	180	60 2800 0709 002
	2.0	40/62	240	1,000	120	60 2800 0702 002
	2.0	40/62	270	1,000	150	60 2800 0706 002
	2.0	40/62	300	1,000	180	60 2800 0710 002
	2.0	40/62	240	1,200	120	60 2800 0703 002
2.0	40/62	270	1,200	150	60 2800 0707 002	
2.0	40/62	300	1,200	180	60 2800 0711 002	
Stainless steel Material no. 1.4404 pickled	2.0	40/62	240	800	120	60 2800 0701 027

### Standard types



#### Standard type 70 (can replace grid steps) standard dimensions

D* [mm]	H1 / H2* [mm]	B* [mm]	L* [mm]	N [mm]
2.0/2.5	40/70	240	600-1,000	120
2.0/2.5	40/70	270	600-1,000	150
2.0/2.5	40/70	300	600-1,000	180

\* Other dimensions on request.

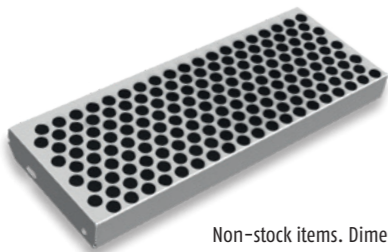
#### Standard type flat (particularly compact and lighter weight) standard dimensions

D* [mm]	H* [mm]	B* [mm]	L* [mm]	N [mm]
2.0/2.5	50	240	600-1,000	127
2.0/2.5	50	270	600-1,000	157
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\* Other dimensions on request.


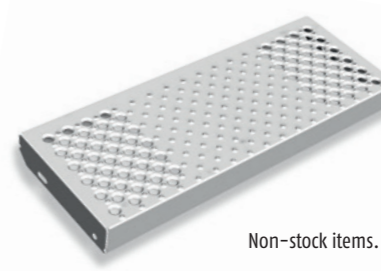
### Stairway steps: special perforations

#### Graepel-Rubber-Stud



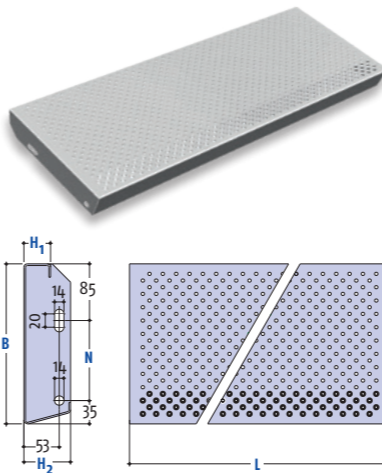
Non-stock items. Dimensions on request.

# Graepel stairway steps

Graepel-Special 4-18 (formerly Graepel-Round F)	Graepel-Special Mix (formerly Graepel-Round Mix)
 <p>Non-stock items. Dimensions on request.</p>	 <p>Non-stock items. Dimensions on request.</p>

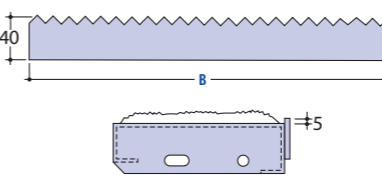
### Special type: Architects step

#### Graepel-Perl with perforated stepping edge (formerly Graepel Cone with perforated stepping edge)



Material	D [mm]	H1/H2 [mm]	B [mm]	L [mm]	N [mm]	Order number
Stainless steel Material no. 1.4404	2.5	40/70	300	1,000	180	60 2800 2585 030
	2.5	40/70	300	1,200	180	60 2800 2586 030

### Graepel Anti-slip edge



Material	D [mm]	H [mm]	Order number
DD 11 hot-dip galvanized	2.0	40	60 1700 0003 002
Aluminum EN AW-5754	2.5	40	60 1700 0003 003

#### Graepel Anti-slip edge

The anti-slip edge teeth help avoid slipping off the front edge of the step. It also increases the slip resistance at the front edge of the grating (especially for stairway steps). These anti-slip edges are delivered

separately, i.e. in fixed lengths matching the stairway steps or as standard lengths of 2,000 mm for subsequent fastening (screws, rivets or welding). Prefabricated stairs with anti-slip edges on request.