

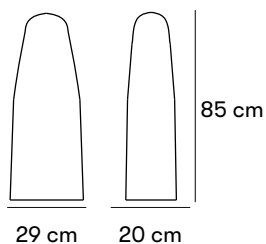
nola®



## Grodd Bollard

Design Ulf Nordfjell

This cast iron bollard was originally designed for an urban park in Stockholm, intended to block off traffic access, yet, blend in with the surrounding plant life. The shape recalls a bean sprout, reflecting a natural theme yet providing a vertical shape that could provide a barrier function. The shape is uniquely organic while also functional and efficient. Grodd corresponds to other designs in the Nordfjell Collections.



#### Dimensions and weight

Height above ground: 85 cm  
 Total height: 97 cm  
 Width: 14 cm  
 Depth: 17 cm  
 Width at base (widest point): 35 cm  
 Depth at base: 30 cm  
 Length of base plate for attachable/detachable version: 50 cm  
 Width of base plate for attachable/detachable version: 55 cm  
 Depth of base plate for attachable/detachable version: 30 cm

#### Product numbers and combinations

Ö16-15 Grodd, ground mounted

##### Append to product number

##### INSTALLATION TYPE

M for installation in pre-cast foundations.

#### Standard colours

■ RAL 9005

#### Materials and surface treatments

The ground-mounted version is made in cast iron painted black RAL 9005. The attachable and detachable version is made in sand-cast recycled aluminium, also painted black. It secures to a hot-dip galvanised aluminium base.

##### Cast iron

Cast iron is iron with a carbon content between approximately 2 and 4 percent with a large proportion of recycled material. Compared to steel, it has a lower melting point and is therefore easier to melt and requires less energy. Thanks to the high carbon content, so-called graphite is formed. This is the main reason why cast iron, unlike steel, does not rust as quickly and thus has a very long life cycle.

#### Assembly and placement

##### Installation in pre-cast foundations

Posts for installation in pre-cast foundations.

Fully assembled.

#### Maintenance

### Cast iron

Untreated cast iron eventually rusts, but this does not affect its durability. Products in cast iron that are anti-rust treated and painted black should, however, be touch-up painted and maintained, at regular intervals, if necessary or in case of possible damage, with alkylid paint.

[Read more in our general maintenance advice at nola.se/en/care-and-maintenance](https://nola.se/en/care-and-maintenance)

### Versions

Available in ground-mounted and attachable/detachable versions.

### Character

A unique cast iron bollard made in an organic shape that blends in with nature and surrounding plant-life.

### Designers

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#### Ulf Nordfjell

Designer Ulf Nordfjell is a leading landscape architect working partly in his own private practice and for Ramböll Sweden in Stockholm for public spaces. As an exhibition architect and designer he has created some of Sweden's largest outdoor exhibitions and thus evoked a new interest for contemporary Swedish garden design, among others the *Garden Society in Gothenburg* in 2008. Ulf has won many prizes for his landscape architecture in Sweden. City parks in the cities of Linköping, Lund, Malmö, Norrköping, Umeå, Skellefteå and Stockholm, are prime examples of Ulf's work. The main entrance of the Botanical Garden and the Garden Society in Gothenburg are examples of reconstructed and developed historical parks. Examples of City development including modern parks are large projects in Skellefteå and Umeå and new housing projects in Stockholm such as Silverdal, Sollentuna and Dalenum, Lidingö.

Numerous private gardens throughout Sweden bear testament to Ulf's creative landscape skills. Ulf's interest in combining architecture and design with horticulture and nature is well known and he has developed his own style, based on the local genus for every project. His passion for designing with plants can be seen in all of his projects, all of which take into consideration the variable climates that appear from the North to South of Sweden. An example is the permanent exhibition "*The Gardens of the Forest*" at Wij gardens in Ockelbo. "I think Swedish nature is always present in my garden design."

Ulf won *RHS Gold medals* for his *Tribute to Linnaeus Garden 2007*, *The Daily Telegraph Garden 2009* and *The Laurent – Perrier garden 2013*. In 2009 he was awarded the prestigious title *Best In Show*. Nowadays he is focusing on a huge private estate in Stockholm and his third garden on the French Riviera. Ulf is now working on a new book about his garden design being published spring 2021 at Prisma/Nordstedts.



