

Play value

Nine freely suspended spheres are hung in a row, touching each other. If the first one is pulled back and released to collide with the others, something truly amazing can be experienced. The impact force of the sphere travels unseen through the whole row of spheres until it finds its opposite number, the last sphere, which is forced outwards and with almost equal energy, returns to collide with the row of spheres. The procedure is repeated until the force is dissipated. One or more spheres can be used to create endless variations and number games in a variety of rhythms. The laws of elasticity and energy can be experienced.

Fundamental characteristics

- Unique and original
- Attractiv design
- Incentive for playing: Curiosity

Recommended for

- Kindergarten children
- School children
- Young people
- Adult
- Senioren



Order No. 10.11010 Impulse Spheres, Frame of stainless steel



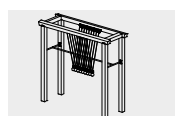
Order No. 10.11010 Impulse Spheres with Frame made of stainless steel



Order No. 10.11000 Impulse Spheres

Impulse Spheres
graubner Play Stations
 for Developing the Senses

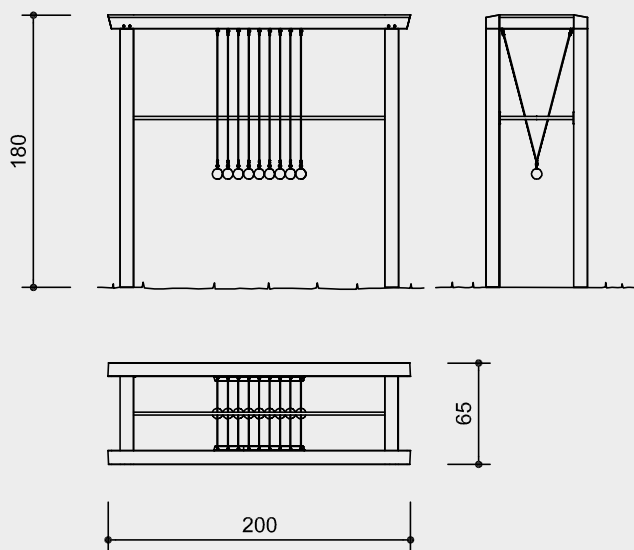
Acoustic effect	medium
Vandalism	slightly vulnerable
Supervision	not necessary
Explanation Board	recommended
Installation	indoors and outdoors
Safety check (EN 1176)	has been completed
Installation in concrete	possible



10.11000

Order No. 10.11000
Impulse Spheres

Safety distance →
 Device dimensions ●
 Functional distance —



Scale 1:50

Safety check according to DIN EN 1176

Components

- 1 Complete piece of equipment with steel feet and 9 stainless steel spheres

Trademark

30 2005 500 000 Germany
 40-0682207 South Korea

Explanation board on request

Installation information

Recommended space
 4.05 x 3.00 m

Foundations
 2 items 40 x 100 x 40 cm
 Excavation depth 60 cm

Attention:

Exact measurements may vary; for all installation dimensions refer to current assembly instructions.

Technical changes reserved.

Frame also available made of stainless steel (Order No. 10.11010).

Technical information

Frame made of oak

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



For more detailed explanation of the quality characteristics see price list.

Only wood joints in accordance with traditional carpentry

Suspended on stainless steel cable

Fastening of suspension frame using adjustable attachments

High-quality, specially hardened stainless spheres (Ø 70 mm), for optimum impulse

Angle and limiting bar made of stainless steel

Dimensions

(small deviations possible)

Height	1.80 m
Length	2.00 m
Width	0.65 m
Weight	110 kg



10.11000