

# Univers

## DNA Tower L.04 Product Specifications


















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### DNA Tower L.04

Available in different sizes, the DNA Towers consist of graceful towers containing three-dimensional climbing nets stretched inside external steel skeletons. A careful combination of curved and straight metal tubing results in a spiral resembling the structure of DNA. This impression is further enhanced by chosen color schemes, as well as the use of differing thicknesses of tubing. The illusion makes it look like the towers are rising out of the ground and spiraling up into the sky. The

DNA Tower play equipment has been deliberately designed to give an open and unencumbered feel. Depending on the height of the tower in question, narrow mesh netting provides the necessary safety from the third story upwards. This results in a near see-through design, which children find very inviting to climb in. The DNA Tower also expresses an understated, almost industrial language of form.

## 90.295.014

	Product Family	<b>Univers</b>
	Length x Width x Height (m) Length x Width x Height ("")	<b>3.1 x 3.1 x 7.2</b> <b>10-1 x 10-1 x 23-7</b>
	Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("")	<b>6.2 x 6.2</b> <b>6.8 x 6.8</b> <b>22-1 x 22-1</b>
	Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("")	<b>1.53</b> <b>6-0</b>
	Age	<b>5-12</b>
	Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> ) Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )	<b>29.4</b> <b>383</b>
	Number of Foundations	<b>5</b>
	Concrete Volume C20/C25 (ft <sup>3</sup> )	<b>123.6</b>
	Number of skilled Installers required	<b>3</b>
	Installation Time without Foundation	<b>12 hours</b>
	Dimensions of largest Part ("")	<b>5-3 x 0-8 x 0-8</b>
	Weight of heaviest Part (lbs)	<b>132.3</b>
	Shipping Volume (ft <sup>3</sup> )	<b>On request</b>
	Total Weight (lbs)	<b>On request</b>
	Spare Part Guarantee	<b>Lifelong</b>

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

### Technical Data

Technical changes are reserved. The following text can also be used for tenders.

#### Posts:

The bent steel posts have a diameter of  $\varnothing 5 \frac{1}{4}"$  and a thickness of  $\frac{3}{16}"$ .

#### Balls:

The Frameworx<sup>®</sup> aluminum balls with a diameter of  $\varnothing 9 \frac{13}{16}"$  are equipped with the internal, patented AstemTT<sup>®</sup> tensioning system in conjunction with spatial nets and are also always securely sealed with durable EPDM caps.

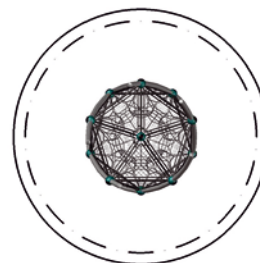
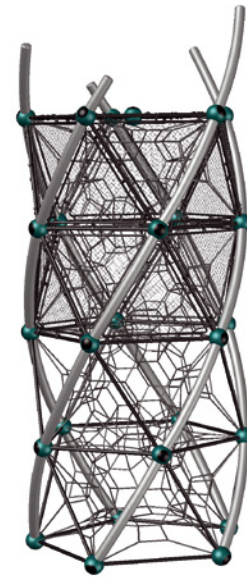
#### Tubes:

The steel tubes have diameters of  $\varnothing 2 \frac{3}{8}"$  and  $\varnothing 1 \frac{7}{8}"$  and wall thicknesses of  $\frac{1}{8}"$  and  $\frac{3}{8}"$ .

#### Terranos clamps:

The two-piece Terranos<sup>®</sup> aluminum clamps are used in conjunction with various connections for the height-adjustable connection to the posts. The shackle and Frox connections for ropes and moving parts and when connecting stainless steel chains and posts, the clamps with Chrox connection are used.

**Posts, balls, tubes and Terranos clamps are sandblasted and powder coated in color using an epoxy-polyester stoving process.**



#### Ropes:

The U-Rope<sup>®</sup> round strand rope with strand cores and rope core made of galvanized wires has outer strands covered with highly abrasion-resistant and highly UV-resistant polyester yarn (no polypropylene). The rope diameters are  $\varnothing \frac{5}{8}"$  and  $\varnothing \frac{11}{16}"$ .

#### Spatial net:

The net structures are fixed at the rope crossing points by durable aluminum parts such as cloverleaf ring, forged ball knot, T-connectors and barrel-ferrule (no plastic). Spatial nets are low in follow-up costs due to individually replaceable rope strands.

#### Safety net frame:

Stainless steel tube frame with  $\varnothing 1 \frac{1}{16}"$  and a thickness of  $\frac{1}{16}"$ , filled with stainless steel safety nets made of steel rope with  $\varnothing \frac{1}{16}"$  and a mesh size of  $1 \frac{1}{16}" \times 2 \frac{1}{16}"$ . The frame is fastened with cast aluminum clamps to the respective tubes in the main frame.