



## "KENGURU PRO" LTD

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K-014

## Double pull-up bar



The construction consists of three vertical columns of different height and two horizontal crossbars with the length of 1200 mm (1758 mm optional length is possible). All elements of the construction are secured together with siluminium clamps at the height that corresponds to the wishes of the Client. Weight 30,7 kg.

## Installation instructions:

- Choose a suitable underground for the unit (see page 2, table 2)!
- Prepare the construction pit with a drilling machine or other devices.
- Before pouring the concrete all structures elements must be leveled and fixed.
- Complex elements must be fixed and bolted together with metal clamps.
- Ready-made C25 concrete should be used.
- Crossbars installation height can be changed according to customer's wishes.
- Approximately 0,15m³ concrete is needed for each spot foundation.
- Under the structures we recommend to install absorbing rubber cover.

The size of the hole for the foundation is depending on the consistency of the ground. The dimensions mentioned above are applicable for normal conditions with firm ground. If the ground is extremely soft, a much bigger foundation is needed. Use only appropriate material and follow the installation instructions closely!!!

Foundation plan and area of movement of the K-014 Double pull-up bar				Technical information		
Foundation when using Shock absorbing underground (syntethic – rubber granulates)		Beveling of foundation when using loose filling material		width: height:	108 mm 2650 mm	
				lenght:	2724 mm	
Н3	Drop height	Н3	Drop height	largest part:	3350 mm	
40 mm	> 1.21.4 m	20 cm	< 1.0 m	weight:	30,7 kg	
50 mm	> 1.51.7 m	30 cm	< 2.0 m	floor space required	6774 x 4408 mm	
60 mm	> 1.82.0 m	40 cm	< 3.0 m	pipe measurements:	diameter:	wall thickness:
70 mm	> 2.12.5 m				108 mm	3.0 mm
					33.7 mm	3.0 mm
shock absorbing underground aluminium tube concrete	Ø108 Ø2 W	surface leveling mark loose filling material R200 aluminium tube concrete	8108 W 108 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	columns Ø108mm:  elements:  metal clamps:  bolts for metal clamps	anodized profiled aluminium tube AW6060 (Silver color)  stainless steel AISI 304, brushed surface siluminium, powder coated, RAL 9005 (pure black)  stainless steel, Pin Hex Button Head Security bolts MI0	
				max. free fall height:	< 2450 mm	possible underground see DIN 79000:2012-05 Tab.2 or installation instructions
<u> </u>				user height:	> 140 cm	
				maximum user weight:	130 kg	
				certificates:	TÜV Rheinland InterCert Kft.	