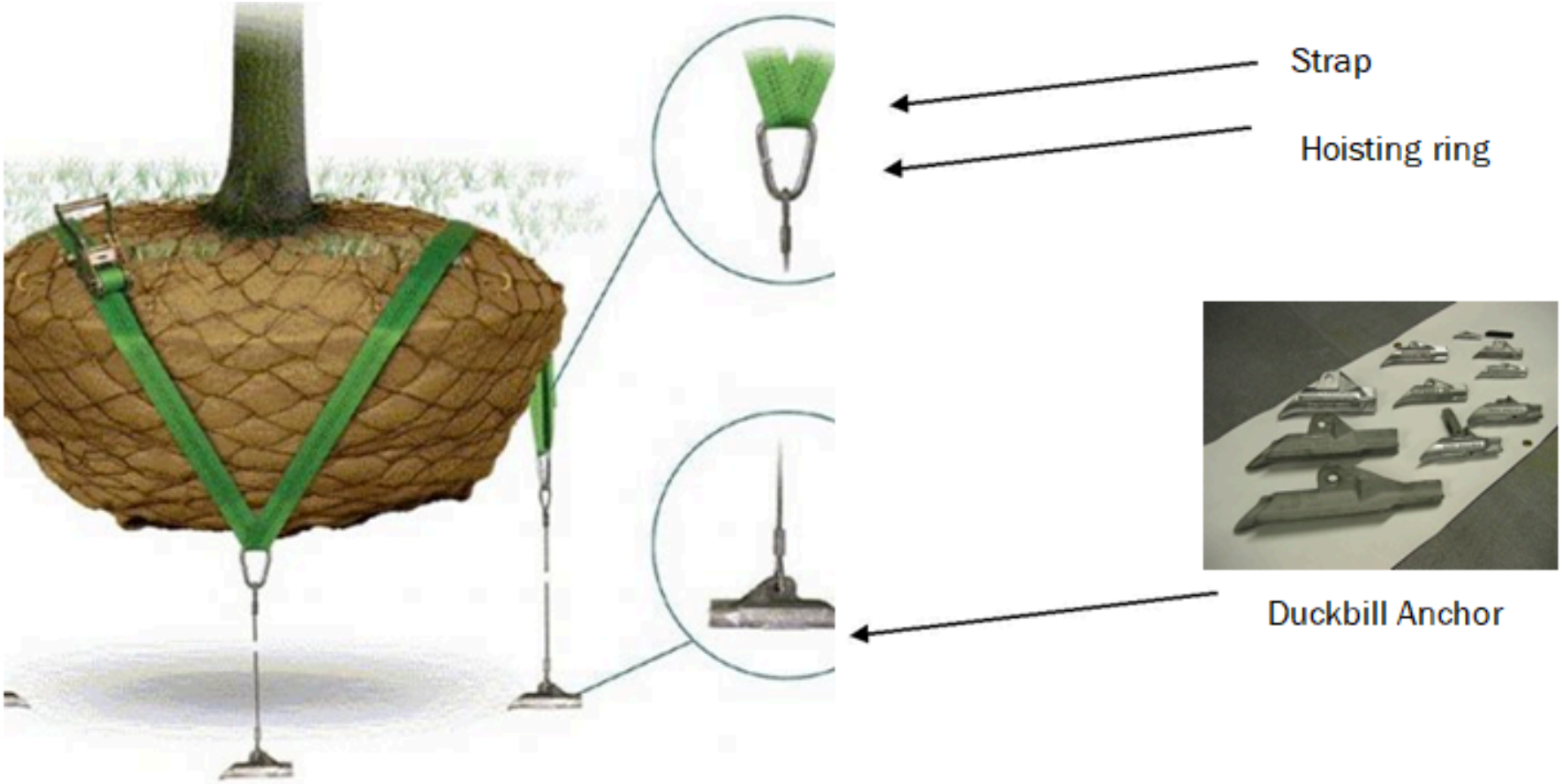
DUCKBILL– ROOT BALL ANCHORING KIT RBKS

Product Guide



LANDSCAPE DEPOT

DUCKBILL– ROOT BALL ANCHORING KIT RBKS

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LANDSCAPE DEPOT

ROOT BALL STABILIZING KIT CHOICES

PLANT INFORMATION				
CIRCUMFERENCE	in cms.	HEIGHT	In cms.	ROOT BALL KIT
FROM	TO	FROM	TO	Reference
	14/16	150	200	40RBKS
16/18	20/25	250	450	68RBKS
25/30	40/45	450	750	88RBKS
45/50	70/75	750	1200	MR4RBKS
75/80	100/105	1200	1600	MR3RBKS
105	140+	1600	2000+	MR2RBKS

Applications:

- · Use for trees in streets and parks.
- · Use where an aesthetic alternative to tree stakes.
- · Safer and more secure than tree stakes.

Features:

- · Holds the root ball in position by driving 3 anchors with guys
- · Allows natural trunk movement for the tree
- · Helps to form a strong trunk on the tree
- · Eliminates the danger of the tree snapping just above the stake
- · Aesthetically pleasing, no visible stakes

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ROOT BALL ACHOR KITS	48 RBKS	
Maximum plant growth	Height : 300cm	Circumference : 18/20

Anchor kit composition

3 Anchor(s)

Model : 48 DB	☑ cast aluminium	☐ treated steel	☐ steel DI
	☑ soft ground	☐ hard ground	☐ very hard ground

3 Cable(s)

Diameter : 2.5 mm	☑ galvanized	☐ stainless	
Construction :	☑ 7 wires	☐ 19 wires	☑ 7 cables
MBL[1] :	520 kg	5,1 kN	
MWL[2] :	260 kg	2,55 kN	
Length:	0.63 meters		
Ends:	☑ loop	☑ anchoring rings	
Anchoring ring:	☑ 25 mm	☐ 35 mm	☐ 50 mm
Shaft :	☑ aluminium	☐ copper	

[1] MBL : maximum breaking load
[2] MWL : maximum work load. The MWL is calculated by applying the safety coefficient to the MBL.

1 strap(s)

Type :	☑ Strap	☐ Cable	
length :	3 metres		
Polyester strap :	☑ 25 mm	☐ 35 mm	☐ 50 mm
Strap colour :	Yellow		
MBL[1] :	1200 kg	11.77 kN	
MWL[2] :	600 kg	5.89 kN	
MBL ratchet tension	700 kg	6.87 kN	

Accessories

Drive rod :	☑ DS40	☐ DS68	☐ DS88	☐ PDS6810
	☐ PDS8810	☐ PDS6814	☐ PDS8814	☐ PDS6818
	☐ PDS8818	☐ PDSMR14		
Locking Belt :	strap + hook + buckle			

Weight of kit : 0.475 Kg

ROOT BALL ANCHORING KITS	68 RBKS	
Maximum plant growth	Height : 450cm	Circumference : 20/25

ANCHOR KIT COMPOSITION

3 Anchor(s)

Model : 68 DB	☑ cast aluminium	☐ treated steel	☐ steel DI
	☑ soft ground	☐ hard ground	☐ very hard ground

3 Cable(s)

Diameter : 3 mm	☑ galvanized	☐ stainless	
Construction :	☑ 7 wires	☐ 19 wires	☑ 7 cables
MBL[1] :	720 kg	7.06 kN	
MWL[2] :	360 kg	3.53 kN	
Length:	0.79 meters		
Ends:	☑ loop	☑ anchoring rings	
Anchoring ring:	☑ 25 mm	☐ 35 mm	☐ 50 mm
Shaft :	☑ aluminium	☐ copper	

[1] MBL : maximum breaking load
[2] MWL : maximum work load. The MWL is calculated by applying the safety coefficient to the MBL.

1 Strap(s)

Type :	☑ Strap	☐ Cable	
length :	4.50 metres		
Polyester strap :	☑ 25 mm	☐ 35 mm	☐ 50 mm
Strap colour :	Blue		
MBL[1] :	1200 kg	11.77 kN	
MWL[2] :	600 kg	5.89 kN	
MBL ratchet tension	700 kg	6.87 kN	

Accessories

Drive rod :	☐ DS40	☑ DS68	☐ DS88	☐ PDS6810
	☐ PDS8810	☑ PDS6814	☐ PDS8814	☑ PDS6818
	☐ PDS8818	☐ PDSMR14		
Locking Belt :	strap + hook + buckle			

Weight of kit : 0.850 Kg

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ROOT BALL ACHOR KITS	88 RBKS

Maximum plant growth	Height : 750cm	Circumference : 40/45

Anchor kit composition

3 Anchor(s)

Model : 88 DB

☑ cast aluminium ☐ treated steel ☐ steel DI
☑ soft ground ☐ hard ground ☐ very hard ground

3 Cable(s)

Diameter : 6.4 mm	☑ galvanized	☐ stainless	
Construction :	☐ 7 wires	☑ 19 wires	☑ 7 cables
MBL[1] :	3120 kg	30.61 kN	
MWL[2] :	1560 kg	15.30 kN	
Length:	1.07 meters		
Ends:	☑ loop	☑ anchoring rings	
Anchoring ring:	☐25 mm	☑ 35 mm	☐ 50 mm
Shaft :	☑ aluminium	☐ copper	

[1] MBL : maximum breaking load
[2] MWL : maximum work load. The MWL is calculated by applying the safety coefficient to the MBL.

1 Strap(s)

Type :	☑ Strap	☐ Cable	
length :	6.50 metres		
Polyester strap :	☐ 25 mm	☑ 35 mm	☐ 50 mm
Strap colour :	Red		
MBL[1] :	3400 kg	33.35 kN	
MWL[2] :	1700 kg	16.68 kN	
MBL ratchet tension	2000 kg	19.62 kN	

Accessories

Drive rod :

☐ DS40 ☐DS68 ☑ DS88 ☐ PDS6810
☑ PDS8810 ☐ PDS6814 ☑ PDS8814 ☐ PDS6818
☑ PDS8818 ☐ PDSMR14

Locking Belt : strap + hook + buckle

Weight of kit : 2.420 Kg

Root ball anchor kit/ MR2 RBKS®

Technical Caracteristics

Maximum plant growth	Circumference	Height	Packaging	Weight of kit
Maximal	From 105/140 cm or more	From 1 600 cm to 2 000 cm or more	1 unit	15,45 kg

Kit composition

Anchor(s)

Quantity	Model	Material	Soil type compatability
3	MR2	Treated Steel	Soft ground– Hard ground - Very hard ground

Cable(s)

Quantity	Diameter	Material	Construction	CRM[1]	CMU[2]	Length	Ends	Anchoring ring	Shaft
3	8 mm	Galvanised	19 Wires 7 Strands	4 240 kg 41,59 kN	2 120 kg 20,80 kN	1,60 m	Loop anchoring rings	50 mm	Aluminium

Head(s)

Quantity	Type	Length	Polyester strap	Strap colour	MBL[1]	MWL[2]	CRM tensioner ratchet
1	Strap	11 m	50 mm	Yellow	7 500 kg 73,58 kN	3 750 kg 36,79 kN	54 94 kg 53,90 kN

[1] MBL : Maximum Breaking Load
[2] MWL : Maximum Work Load. The MWL is obtained by applying a coefficient to the MBL. This coefficient is called the safety coefficient.

Accessories

Driving rods	Locking belt
PDSMR14	Strap + Hook+ Buckle

Anchor MR2

Anchoring ring 50 mm

Strap 11 m

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Root ball anchor kit / MR3 RBKS®

Technical Characteristics

Maximum plant growth	Circumference	Height	Packaging	Weight of kit
Maximal	From75/80 cm to 100/105 cm	From 1 200 cm to 1 600 cm	1 unit	12,25 kg

Kit composition

Anchor(s)

Quantity	Model	Composition	Soil type compatability
3	MR3	Treated steel	Hard ground - Very hard ground

Cable(s)

Quantity	Diameter	Material	Construction	MBL[1]	MWL[2]	Length	Ends	Anchoring ring	Shaft
3	8 mm	Galvanised	19 Wires 7 Strands	4 240 kg 41,59 kN	2 120 kg 20,80 kN	1,60 m	Loop Anchoring rings	50 mm	Aluminium

Head(s)

Quantity	Type	Length	Polyester Strap	Strap colour	MBL[1]	MWL[2]	CRM tensioner ratchet
1	Strap	11 m	50 mm	Yellow	7 500 kg 73,58 kN	3 750 kg 36,79 kN	5 494 kg 53,90 kN

[1] MBL : Maximum Breaking Load
[2] MWL : Maximum Work Load. The MWL is obtained by applying a coefficient to the MBL. This coefficient is called the safety coefficient.

Accessories

Driving rods	Locking belt
PDSMR14	Strap + Hook+ Buckle

Anchor MR3

Anchoring ring 50 mm

Strap 11 m