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RHEA TITAN

Rhea Titan D10

D10

Technical characteristics:

Material: Titanium
Weight: 62,7 g
Thickness: 4,0 mm
D Anchor: 10 mm
Dimensions: 64 x 38 mm



We are proud and delighted to announce you, that after several tests that were carried out in our laboratories as well as in a Certified European Body, "Rhea Titan" has successfully passed the tests, according to EN 959:2018 and UIAA, exceeding the required limits.

Innovative in its kind, as it is perhaps the first certified expansion bolt made of Titanium Gr2 throughout the world, offers a multitude of advantages to both the user and the environment as well...



CRONUS

Cronus D10

D10

Technical characteristics:

Model: Cronus Titan D10
Material: Titanium
Include: Rhea Titan (2), Quick Link 150 (1), Quick Link 200 (1), Ring Ti 60 (1)
Breaking load: 58kN
Weight: 467 gr



RHEA TITAN

Rhea Titan D12

D12

Technical characteristics:

Material: Titanium
Weight: 62,7 g
Thickness: 4,0 mm
D Anchor: 12 mm
Dimensions: 64 x 38 mm



Certificates

EN 959:2018



CRONUS

Cronus D12

D12

Technical characteristics:

Model: Cronus Titan D12
Material: Titanium
Include: Rhea Titan (2), Quick Link 150 (1), Quick Link 200 (1), Ring Ti 60 (1)
Breaking load: 58kN
Weight: 467 gr



Certificates

EN 959:2018





IAPETUS TITAN

Iapetus Titan

10X100mm

Technical characteristics:

Material: Titanium
 Total Length: 118 mm
 Diameter of body: 10mm
 Designed to fit in a 12mm hole
 Breaking Load: 30kN
 Weight: 75 gr



GAIA
TITAN

Gaia Titan

Technical characteristics:

Material= Titanium
 Designed to fit in a 12mm hole
 Include: 2 glue-in bolts,
 Quick Link 150,
 Quick Link 200 and Ring Ti60
 Weight: 490 gr



ROCK
ANCHOR II

Rock Anchor II Titan

Technical characteristics:

Material: Titanium

10	10x75mm
	10x90mm
	10x110mm
12	12x90mm
	12x110mm



U BOLT B

U Bolt B 10100

Technical characteristics:

The U bolt can be used either horizontally on its own with the Ti60 ring.

Material : Titanium
 Dimension : 142 x 61mm
 Rod Diameter : 10mm
 Weight: 87gr



ARROW

Our Arrow Ti anchor glue-in bolt, has got its name from its shape as it resembles an arrow.

It is made of Titanium Gr2 with a maximum body diameter of 12mm, designed to fit in a 14mm hole.

Its innovative design with its large width eyelet allows the use of more than two carabiners and the body's wavy surface, ensures that it will not slide out.

The product undergoes a passivation process (ASTM B600-11), in order to remove iron and other surface contaminants.

In addition, it is subject to an extra process of polishing-finishing to maximize corrosion resistance.

Arrow Ti has been tested and certified according to the latest standards EN 959: 2018 & UIAA by an accredited laboratory.

Arrow Ti 880

880

8100

Technical characteristics:

Material: Titanium

Diameter of rod: 8mm

Designed to fit in a 14mm hole

Breaking Load : A47kN / R39kN

Weight: 66/74 gr



Certificates

EN 959:2018



LOWER - OFF

Lower - Off Arrow Ti 200150

Technical characteristics:

2 Arrow Ti8100

1 Quick Link Ti150

1 Quick Link Ti200

1 Ring Ti60

Weight: 489 gr



ALPINE

Alpine Titan Torelli

D10 D12

Technical characteristics:

Material: Titanium

Dimensions: 56 x 28 mm

Weight: 38 gr



LOWER - OFF

Lower - Off Arrow Ti 300150

Technical characteristics:

2 Arrow Ti8100

1 Quick Link Ti150

1 Quick Link Ti300

1 Ring Ti60

Weight: 545 gr





RING Ti60

Ring Ti60

Technical characteristics:

Titanium one piece forged ring with smooth edge for rope protection.

Material : Titanium
External diameter : 60mm
Diameter of Body : 12mm
Weight : 85gr
Breaking Load : 60kN



Certificates

EN 959:2018



QUICK LINK

Quick Link Titan 150

Technical characteristics:

Material: Titanium
Lenght: 150mm
Weight: 113 gr
Breaking load :50+kN



Certificates

EN 959:2018



QUICK LINK

Quick Link Titan 200

Technical characteristics:

Material: Titanium Gr2
Lenght: 200mm
Weight: 113 gr
Breaking load :50+kN



Certificates

EN 959:2018



QUICK LINK

Quick Link Titan 300

Technical characteristics:

Material: Titanium Gr2
Lenght: 300mm
Weight: 198 gr
Breaking load :50+kN



Certificates

EN 959:2018





SEA URCHIN

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Weight: 52,7 g
Thickness: 4,0 mm
Dimensions: 56 x 28 mm
Static Shear Strength: > 30 kN
Extraction Static Strength: > 29 kN



Certificates

EN 959:2018
EN 795:2012



Sea Urchin hanger was named after the sea creature due to their common features: their hanging ability and durability in a marine environment.

An outer layer of shield material has been formed on the surface of our product through the process of passivation creating a shell against corrosion.



DROP

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Weight: 68 g
Thickness: 4,0 mm
Dimensions: 67,5 x 48 mm
Static Shear Strength: > 30 kN
Extraction Static Strength: > 30 kN



Certificates

EN 795:2012

Drop hanger was named after the "drop" due to their identical shape. It is basically a plate inverted by 90° relative to Sea Urchin.

An outer layer of shield material has been formed on the surface of our product through the process of passivation creating a shell against corrosion.



SEA URCHIN+

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Weight: 178,6 g
Thickness: 4,0 mm
Dimensions: 130 x 28 mm
Static Shear Strength: > 30 kN
Extraction Static Strength: > 30 kN



Certificates

EN 959:2018
EN 795:2012



DROP+

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Weight: 202 g
Thickness: 4,0 mm
Dimensions: 67,5 x 120 mm
Static Shear Strength: > 30 kN
Extraction Static Strength: > 30 kN



Certificates

EN 959:2018
EN 795:2012





SEA URCHIN++

Sea Urchin++

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Weight: 241 g
Thickness: 4,0 mm
Dimension of rings: 60mm



ALPINE

Alpine hanger has the same technical characteristics as the Sea Urchin and differs only in the material thickness which is 3mm.

An outer layer of shield material has been formed on the surface of our product through the process of passivation creating a shell against corrosion.

Alpine

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Thickness: 3,0 mm
Dimensions: 56 x 28 mm
Weight: 41 gr



ALPINE+

Alpine+

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Thickness: 3,0 mm
Weight: 138 gr



Alpine hanger has the same technical characteristics as the Sea Urchin and differs only in the material thickness which is 3mm.

An outer layer of shield material has been formed on the surface of our product through the process of passivation creating a shell against corrosion.



ALPINE++

Alpine++

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Thickness: 3,0 mm
Weight: 233 gr





CARABINER

LC-31612

Technical characteristics:

Gate: Wire
Material: 316L
Weight: 206 gr
Dimensions: 118 x 56 mm
Min. Breaking Load in the minor axis: 48 kN
Min. Breaking Load in longitudinal direction: 25 kN
Min. Breaking Load with open gate: 14 kN

Tested it piece by piece



WRENCH

Wrench Hexagon 316L

17 19 3/8" 1/2"

17mm, 19mm, 3/8", 1/2"
Material: AISI 316L
Thickness: 5mm
Length: 215 mm
Weight: 116 g



WRENCH

Wrench Heganon Ti

17 19 3/8" 1/2"

Material: Titanium
Thickness: 5mm
Length: 215 mm
Weight: 70 g
It is suggested to be used for bolting up to 60Nm max torque.
We don't recommend to use it for unscrewing rusty old bolts.



RING O

Ring

60X10mm

Technical characteristics:

Material: AISI 316L
Outer diameter: 60 mm +/- 1 mm
Inner diameter: 40 mm +/- 1 mm
Diameter body: 10 mm
Weight: 94,3 gr



RING O

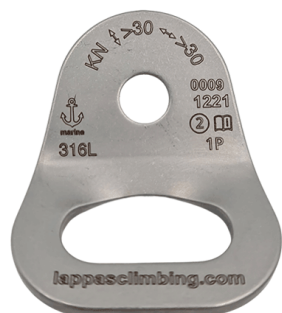
Ring

74X10mm

Technical characteristics:

Material: AISI 316L
Outer diameter: 74 mm +/- 1 mm
Inner diameter: 54 mm +/- 1 mm
Diameter body: 10 mm
Weight: 111 g





GHOST

Ghost

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Weight: 62 g
Thickness: 4,0 mm
Dimensions: 60 x 50 mm.



ARROW

Arrow SS

880

8100

Technical characteristics:

Material: Stainless Steel 316L
Diameter of rod: 8mm
Designed to fit in a 14mm hole
Breaking Load : A50kN / R33kN



Certificates

EN 959:2018



Our Arrow SS anchor glue-in bolt, has got its name from its shape as it resembles an arrow. It is made of Stainless steel 316L with a maximum body diameter of 12mm, designed to fit in a 14mm hole. Its innovative design with its large width eyelet allows the use of more than two carabiners and the body's wavy surface, ensures that it will not slide out. The product undergoes a passivation process, for the purpose of the removal of free iron or other foreign material. In addition, it is subject to an extra process of polishing-finishing to maximize corrosion resistance.



GHOST+

Ghost+

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L (Marine)
Weight: 163gr
Thickness: 4,0 mm
Dimensions Ring: 60x10mm



ARROW+

Arrow+SS

880

8100

Technical characteristics:

Material: Stainless Steel 316L
Diameter of rod: 8mm
Diameter of ring=60/40/10mm
Weight: 209 gr
Designed to fit in a 14mm hole





QUICK LINK

D8

Technical characteristics:

Material: Stainless Steel 316
Weight: 76 g
D: 8 mm
Dimensions: 76 x 37 mm
Min. Breaking Load in the minor axis: 35 kN
Min. Breaking Load in longitudinal direction: 15 kN
Open gate: 12 mm

Tested piece by piece



QUICK LINK

D10

Technical characteristics:

Material: Stainless Steel 316
Weight: 129 g
D: 10 mm
Dimensions: 87,5 x 43,5 mm
Breaking Load 50kN – 15kN
Min. Breaking Load in the minor axis: 50 kN
Min. Breaking Load in longitudinal direction: 15 kN
Open gate: 10,5 mm

Tested piece by piece



TUFA BOLT

Dimension	Weight	Material
10x90	58,5g	316L
10x100	68,4g	316L

Material: AISI 316L (Marine)

Our new bolt TUFA was designed for climbing, mountaineering, rescue, speleology and rope access jobs. The 2 expansion rings (made of the same material as the body) make our bolt ideal for medium quality of rock.
Can be used on medium and hard rock (limestone, dolomite).



ROCK ANCHOR I

Dimension	Weight	Material
10x90	58g	316L
12x90	85,8g	316L

Material: AISI 316L (Marine)



ROCK ANCHOR II

Dimension	Weight	Material
8x60	24,6g	316L
8x75	29,1g	316L
10x75	51,4g	316L
10,90	59g	316L
10x100	69g	316L
12x90	101,5g	316L
12x110	103,2g	316L

Material: AISI 316L (Marine)



ARROW

Arrow ++ss

880

8100

Technical characteristics:

Material: 316L (marine)
Diameter of rod: 8mm
Ring dimension: 60/40/10mm
Designed to fit in a 14mm hole



Certificates

EN 959:2018



METEORA

Meteora+

10X80mm

10X100mm

10X160mm

10X200mm

12X100mm

Technical characteristics:

Material: AISI 316L
Diameter of ring: 60/40/10mm



Certificates

EN 959:2018



Meteora was named after the majestic rocks of Meteora, one of the most amazing places in Greece.
Meteora formation dominate the Area of Kalabaka and it is undoubtedly considered one of the most impressive and peculiar geological formation in the whole world.



METEORA

Meteora

10X80mm

10X100mm

10x160mm

10X200mm

Technical characteristics:

Material: AISI 316L



Certificates

EN 959:2018



METEORA

Meteora++

10X80mm

10X100mm

12X100mm

Technical characteristics:

Material: AISI 316L
Ring dimension: 60/40/10mm



Certificates

EN 959:2018





QUICK LINK

Quick Link SS 150

Technical characteristics:

Material: 316L
Total Length: 150mm
Weight: 200gr



QUICK LINK

Quick Link SS300

Technical characteristics:

Material: 316L
Total Length: 300mm
Weight: 350 gr



QUICK LINK

Quick Link SS 250

Technical characteristics:

Material: 316L
Total Length: 250mm
Weight: 300 gr



RING SS

Ring SS60

Stainless steel one piece forged ring with smooth edge for rope protection.

Technical characteristics:

Material: 316L
External diameter: 60mm
Diameter of Body: 12mm
Weight: 143 gr





SU/C/R

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Sea Urchin (1) 316L
Chain 316L
Ring 316L-60/10mm
Weight: 432 g



ARROW

Lower -Off Arrow SS I 250150

Technical characteristics:

2 Arrow SS8100 (316L)
1 Quick Link SS150
1 Quick Link SS250
1 Ring SS60
Weight: 905 gr



Lower - Off 2 Rings (Small)

D8 D10 D12 3/8" 1/2"

Technical characteristics:

2 Hangers (Sea Urchin) 316 L
Chain 316L
2 Rings D 60/10mm
Weight: 581 g



ARROW

Lower -Off Arrow SS II 300150

Technical characteristics:

2 Arrow SS8100 (316L)
1 Quick Link SS150
1 Quick Link SS300
1 Ring SS60
Weight: 955 gr





PV 1

Lower off PV1

D10 D12

Technical characteristics:

Material: 316L (marine)

Package include:

Meteora – 2 pieces
1 Chain 5 links 316L
Ring 74mm – 1 piece
Quick Link D10 – 1 piece



LOWER - OFF

Lower - Off Meteora 1 Ring (small)

D10 D12

Technical characteristics:

2 Meteora 316L
1 Chain 5 links 316L
1 Ring 60mm/10mm 316L
Weight: 589gr



LOWER - OFF

Lower - Off Meteora 1 Ring

D10 D12

Technical characteristics:

2 Meteora (316L)
1 Chain 5 links 316L
1 Ring 75mm/10mm 316L



LOWER - OFF

Lower - Off Meteora 2 Ring (small)

D10 D12

2 Meteora
1 Chain 5 links 316L
2 Rings 60mm/10mm 316L





Lower -Off 1 Ring

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Ring dimension: 75/55/10mm

Weight: 524 g



Lower - Off 1 Ring Carabiner D ASYYM Bend Gate

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Weight: 729 g



Belay Station 2 Rings

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Ring dimension: 75/55/10mm

Weight: 648 g



Lower Off 1 Ring Carabiner D ASYYM Screw Lock

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Weight: 774 g





Lower - Off Rem I

D10 D12

Technical characteristics:

2 Meteora (316L)
Chain 4 links (316L)
Quick Link D10 (316)
Quick Link D8 (316)
Ring dimension: 60/40/10 mm (316L)



V 2 Rings

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Sea urchin D10: 2 pieces
2 Chains with 4 links
Rings 60mm: 2 pieces
Weight: 760gr



Lower off - PV II

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Sea Urchin – 2 pieces
Chain 8mm with 5 links
Ring 74mm – 2 pieces
Quick Link D10 – 1 piece
Weight: 774gr



Lower - Off 1 Ring & Carabiner LC-31612

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Sea Urchin: 2 pieces
Ring 74mm: 1 piece
Chain with 5 links
Carabiner LC-31612: 1 piece
Weight: 727gr





Lower off - Hybrid I

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L

Weight: 532 g



Lower off - Hybrid III

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L

Weight: 647,70 g



Lower off - Hybrid II D 10

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L

Weight: 602,70 g



Lower off - Hybrid IV

D8 D10 D12 3/8" 1/2"

Technical characteristics:

Material: AISI 316L

Sea Urchin 316L

Chain 316L

Ring 316L- 60/10mm

Ghost 316L

Weight: 549 g





DRCP

Drop - Carabiner D ASYMM (bend gate)

D8 D10 D12 3/8" 1/2"

Technical characteristics:

1 Drop
1 Carabiner D ASYMM (bend gate)
Weight: 273 gr



DRCP

Drop - Carabiner LC-31612

D8 D10 D12 3/8" 1/2"

Technical characteristics:

1 Drop
1 Carabiner LC-31612
Weight: 276 gr



DRCP

Drop - Carabiner D ASYM (screw lock)

D8 D10 D12 3/8" 1/2"

Technical characteristics:

1 Drop
1 Carabiner D ASYMM (screw lock)
Weight: 318 gr



DRCP

Drop - Quick Link D10

D8 D10 D12 3/8" 1/2"

Technical characteristics:

1 Drop
1 Quick Link D10
Weight: 199 gr





SUL

SUL

D8 D10 D12

Technical characteristics:

Material: AISI 316L
Weight: 63gr
Thickness: 3,0 mm
D Anchor: 10 mm
Dimensions: 62 x 38 mm
Static Shear Strength: > 35 kN
Eye hole radius: R4,5mm (4,5mm is the minimum radius UIAA suggest for carabiners)
We suggest SUL ONLY for rappelling NOT for top rope use



OLYMPUS

Olympus

D10

Technical characteristics:

Material: Carbon Steel
Weight: 58 g
Thickness: 4,0 mm
Dimensions: 59x49 mm
Breaking Load (Radial) of Plate: 29kN



OLYMPUS+

Olympus+

D10

Technical characteristics:

Material: Carbon Steel
Weight: 147 g
Thickness: 4,0 mm
Dimensions: 60x100 mm
Dimension of ring: 60mm
Breaking Load (Radial) of Plate: 29kN



ERMIS

Ermis D10

D8 D10 D12

Technical characteristics:

Material: Carbon Steel
Weight: 52 g
Thickness: 4,0 mm
Dimensions: 56 x 28 mm
Breaking Load (Radial) of Plate: 26kN






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