

# TECHNICAL DATA SHEET

## ATOM-X<sup>2</sup>

TDS110



### Checkmate ATOM-X<sup>2</sup> Lightweight FALL FACTOR 2 Fall Arrest Mini Block

ATOM-X is the smallest and lightest fall arrest block in its class in the world. Its lightweight chassis, PC ABS housing and webbing made with Dyneema® contribute to its outstanding strength and performance.

The ATOM-X<sup>2</sup> is a variant of the ATOM-X, which has an increased shock absorbing capability allowing the user to anchor at foot level. This is commonly referred to as a FALL FACTOR 2 situation.

By using a simple stainless steel yoke attachment system two ATOM-X's can be linked together creating a dual or twin tail device.

# ATOM-X



#### PC ABS Housing

The high strength palm-size housing is robust and durable giving protection to the mechanical assembly and internal parts.



#### Load Bearing Steel Chassis

The internal hot rolled steel chassis provides a structural metallic core beneath the external protective housing.



#### Hook

Alloy snaphook supplied as standard - A range of other EN & ANSI rated connectors are available upon request.

#### Options



#### Fall Arrest Indicating Swivel

The deployment indicator on the swivel identifies if the block has been subjected to a shock load.



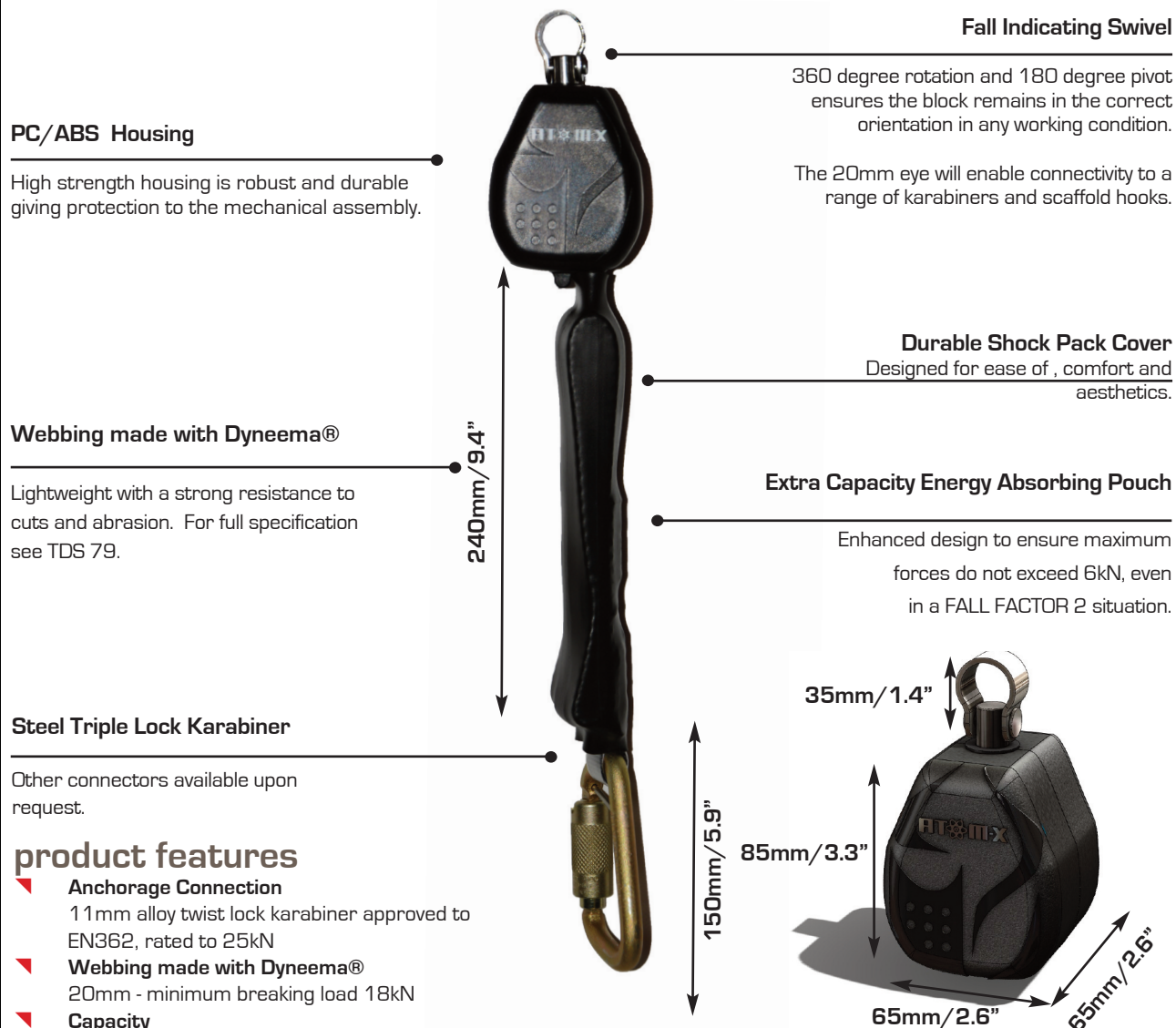
#### Dual Yoke Assembly

The ATOM-X<sup>2</sup> Dual provides for continuous connection when transferring between anchorages. Both devices work independently, and also freely rotate and swivel for correct alignment.



## ordering information

Part No.	Description	Weight
ATOM-X-201	2 metre fall factor 2 mini block with alloy snap hook	0.8Kg(1.7lbs)
ATOM-X-202	2 metre fall factor 2 mini block with alloy scaffold hook	1.2Kg(2.6lbs)
ATOM-X-205	Dual 2 metre fall factor 2 mini block with alloy snap hook	1.7Kg(3.7lbs)
ATOM-X-206	Dual 2 metre fall factor 2 mini block with alloy scaffold hook	2.5Kg(5.5lbs)
ATOM-DB	Joining kit for dual assembly	0.1kg(0.2lbs)



## product features

- Anchorage Connection**  
 11mm alloy twist lock karabiner approved to EN362, rated to 25kN
- Webbing made with Dyneema®**  
 20mm - minimum breaking load 18kN
- Capacity**  
 2 metres
- Maximum Arresting Force**  
 Webbing = <6.0kN
- User Weight**  
 136Kg Maximum

## standards

- EN 360:2002

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## principal materials

- External Housings**  
 PC/ABS. High strength and rigidity. UV stabilised
- Shaft**  
 Steel zinc plated & passivated
- Chassis**  
 Hot rolled steel zinc plated & passivated
- Pawl**  
 Steel, hardened - zinc plated & passivated
- Bearing Plates**  
 PTFE
- Aluminium Snap Hook**  
 23kN Minimum Breaking Load  
 16kN Rated Gate



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