



Security Tech Germany

# TITALIUM™ A new dimension

A new generation of padlocks!





- Strong
- Lightweight
- Innovative

## TITALIUM™

A new dimension

### **TITALIUM™ - Security for the future**

TITALIUM™ padlocks, from security specialist ABUS, represent a new dimension in security. Made from an innovative material, they represent high security at a significantly reduced weight.

The TITALIUM™ material is a special aluminium alloy that uniquely combines a high level of torsion with lightness.

Like in the aircraft industry, with TITALIUM™ ABUS is concentrating on two fundamental qualities: maximum strength and low weight.

This contemporary material implementation is reflected in the design of the products: TITALIUM™ series padlocks all feature an impressive stainless steel like finish.



### **TITALIUM™ - Light and secure**

The new TITALIUM™ range is the new reference for padlocks. With approximately 30% reduced weight compared to traditional brass padlocks with at least the same level of security, the TITALIUM™ lock series becomes an attractive alternative. There are many applications where reliable security but also weight is significant - when travelling, mobile situations or for securing goods in transit. TITALIUM™ series represents a new generation of secure, innovative padlocks.

### **TITALIUM™ - A new generation of padlocks!**



## 80TI

### The absolute in technical strength

The flagship of the TITALIUM™ family of padlocks makes an impression with both its look and its technical properties. Within the massive lock body is a 6-pin precision cylinder with paracentric keyway gives protection against force or manipulative even break-ins. A chromium-plated cylinder core and hardened steel shackle with special NANO Protect coating assure security and high corrosion resistance for the three sizes available in the 80TI series.

#### Application and operation

- Securing objects of high value or where there is a high risk of theft
- Doors, gates, cabinets, lockers, toolboxes etc.

#### Technology

- Massive lock body in special TITALIUM™ aluminium - high security with low weight
- Hardened steel shackle with special NANO Protect coating for top corrosion protection
- 6-pin precision cylinder with paracentric keyway
- Double shackle locking
- Chromium plated cylinder core

#### Variants

- Sizes: 40, 45, 50 mm



## 64TI

### Light and yet robust

For where there is a medium to high risk of theft, the 64TI series of padlocks is recommended for an optimal combination of security and cost. All models in this series have a paracentric keyway, chromium-plated cylinder cores and hardened steel shackle. From a size of 30 mm upwards the models offer a special steel shackle featuring NANO Protect coating.

#### Application and operation

- Securing valuables/ goods of medium value or where there is an average risk of theft (size >30mm)
- Chains, doors, gates, cupboards, lockers, tool boxes, cellar windows, sheds, etc.

#### Technology

- Lock body made from TITALIUM special aluminium – high security with low weight
- Paracentric keyway for increased protection against manipulation
- Precision pin cylinder with chromium plated cylinder plugs
- Hardened steel shackle with special NANO Protect coating for extreme corrosion protection (size >30mm)
- Double bolted (size >30mm)
- Tulip-shaped keyhead

#### Variants

- Sizes: 20, 25, 30, 35, 40, 45, 50, 60 mm



## 54TI

### Security from ABUS – made easy

The 54TI series is the entry level to the new generation of padlocks. With a lock body in TITALIUM™, a hardened special steel shackle and double shackle locking, they offer optimum security against lower theft risks with an excellent price/performance ratio.

#### Application and operation

- Securing objects of lesser value or at a low risk of theft
- Bags, suitcases, jewel cases, cash boxes, lockers, tool boxes, etc.

#### Technology

- Lock body made from TITALIUM special aluminium
- Hardened steel shackle
- Double bolted

#### Variants

- Sizes: 30, 35, 40, 50 mm



## 90RK/50

Close shackle security and individual service from ABUS

The bulky 90RK/50 is supplied with a special feature of an exchangeable cylinder to allow integration into other locking systems. The 90RK/50 can be adapted to previously supplied 90/50 padlocks or cylinders of the C83 and any 83 series padlocks or special ABUS specification suites. It is supplied as standard with close shackle protection and a 6-pin precision cylinder that gives a high number of genuine key differs.

### Application and operation

- Securing valuables/goods of greater value or at a high risk of theft
- Ideal for use in severe weather conditions (e.g. in coastal regions or port areas, to secure goods on vehicles and boats in outdoor use)

### Technology

- Solid lock body made from TITALIUM special aluminium
  - high security with low weight
- Shackle made from high quality stainless steel, double bolted:
  - high resistance against pulling and torsion
- With integrated shackle guard to protect against bolt cutter attacks
- Extreme corrosion resistance
- Precision pin cylinder
- Cylinder can be exchanged
- Key retaining: Key is needed for locking (lock retains key until locked)



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Lightweight  
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The good feeling of security