



# MB1-BT10

MB1

**MECHANICAL BOLTS**

**SICK**  
Sensor Intelligence.



### Ordering information

Description	Catch release button/ANSI-compliant locking mechanism	Items supplied	Type	Part no.
Complete set consisting of bolt unit with frame plate for TR10 Lock and adapters for actuators	✓	Bolt unit, frame plate TR10 Lock, adapter for actuator mounting (MB1-BRTR), safety screws for installing provided adapters, Mounting instructions	MB1-BT10	1091793

Other models and accessories → [www.sick.com/MB1](http://www.sick.com/MB1)

### Detailed technical data

#### Features

<b>Description</b>	Complete set consisting of bolt unit with frame plate for TR10 Lock and adapters for actuators
<b>Installation tolerance (horizontal)</b>	3 mm ... 30 mm
<b>Model</b>	
Catch release button/ANSI-compliant locking mechanism	✓
Escape release	-
Frame plate with latching function	-
<b>Suitable for</b>	TR10 Lock safety locking device
<b>Items supplied</b>	Bolt unit Frame plate TR10 Lock Adapter for actuator mounting (MB1-BRTR) Safety screws for installing provided adapters Mounting instructions

#### Mechanics

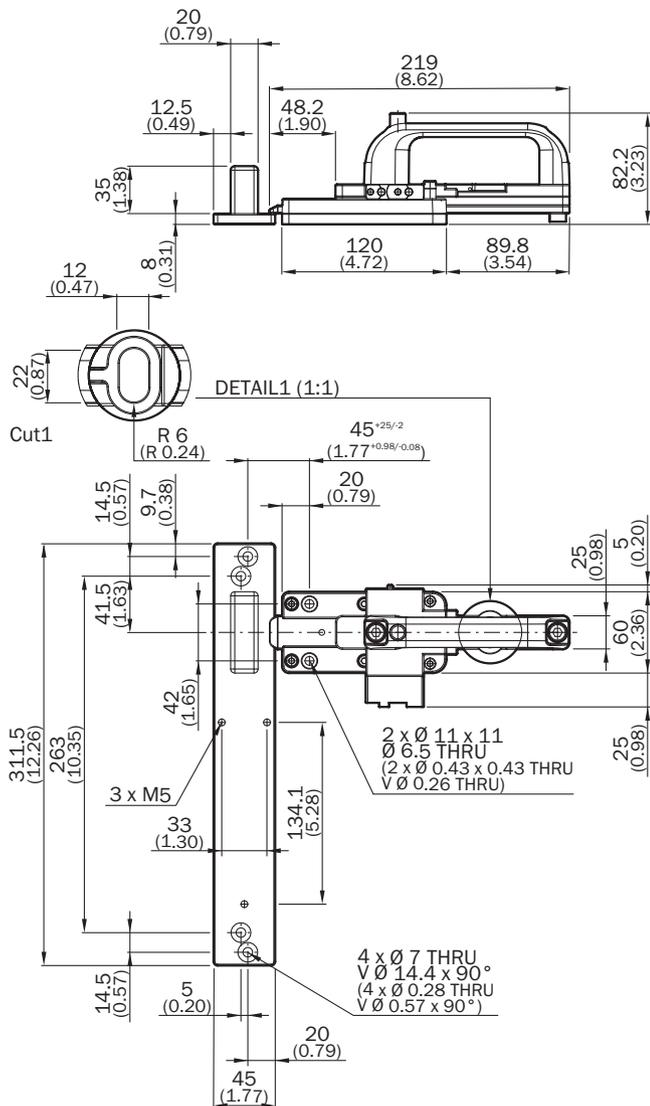
<b>Weight</b>	1.606 kg
<b>Material</b>	
Handle	VISTAL®
Bolt unit	Steel, zinc coated
Sliding carriage, base plate, frame plate	Aluminum (coated) Polyketone

#### Classifications

<b>ECLASS 5.0</b>	27279202
<b>ECLASS 5.1.4</b>	27279202
<b>ECLASS 6.0</b>	27279202
<b>ECLASS 6.2</b>	27279202
<b>ECLASS 7.0</b>	27279202
<b>ECLASS 8.0</b>	27279202

<b>ECLASS 8.1</b>	27279202
<b>ECLASS 9.0</b>	27273701
<b>ECLASS 10.0</b>	27273701
<b>ECLASS 11.0</b>	27273701
<b>ECLASS 12.0</b>	27273701
<b>ETIM 5.0</b>	EC002594
<b>ETIM 6.0</b>	EC002594
<b>ETIM 7.0</b>	EC002594
<b>ETIM 8.0</b>	EC002594
<b>UNSPSC 16.0901</b>	31161606

Dimensional drawing (Dimensions in mm (inch))



## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)