



# REDEFINING HEAD PROTECTION

WHY THE INDUSTRY IS TRANSITIONING TO HELMETS

IN 2023 THERE WERE

**421 FATALITIES**  
IN THE CONSTRUCTION INDUSTRY FROM SLIPS, TRIPS AND FALLS



**FALLS LED TO 39% OF FATAL WORK RELATED TBIS(2023)**



**TBIS ARE 25% OF ALL CONSTRUCTION FATALITIES**

IN 2023 THERE WERE

**11,390 NONFATAL HEAD INJURIES**  
RESULTING IN MISSED DAYS OF WORK IN THE CONSTRUCTION INDUSTRY (13,710 IN 2022)



## TYPE I VS TYPE II HEAD PROTECTION



BOLT™ Front Brim Hard Hat w/ 6pt Ratcheting Suspension Type I, Class E



BOLT™ Full Brim Safety Helmet Type II, Class E

**Type I Protection:**  
Reduces the impact force to the top of the head.

**Type II Protection:**  
Reduces the impact force to the sides and top of the head.

## COST BREAKDOWN

National Council on Compensation Insurance (NCCI)

- Average total costs per TBI claim \$136,000
- Average lost time costs per any injury claim: \$51,000

## USER TESTIMONIALS

An employee fell backwards off the 3rd run of a ladder. They broke several bones, including their collarbone from the fall. The force from the fall was enough to cause bodily injuries but because he was wearing a Type II helmet, he walked away without head injury. If he had been wearing a Type I hard hat, the incident could have been substantially worse.

**ELECTRICAL CONTRACTOR OUT OF THE SOUTH**

Our employee was working out at a jobsite on the side of the road & was ran over by a distracted driver. Due to him wearing the Type II helmet with chin strap on he was able to survive his incident being that the vehicle ran over his body and head. Amazingly the helmet withheld excellent and therefore we believe it saved his life.

**UTILITY CONTRACTOR OUT OF THE WEST**

We had an employee fall from a height of 8 feet onto his back/ head. He was wearing a MILWAUKEE® Type II helmet with CHIN STRAP which stayed on him when he hit the ground. He was taken to an area hospital by ambulance and later that evening released to go back to work with no restrictions. We believe if the helmet, or if he was wearing a Type I hard hat, came off the outcome would be very different.

**NATIONAL GENERAL CONTRACTOR**

We utilize Type II helmets in confined spaces & higher risk tasks such as underground work, climbing, & high elevation. Having the side impact protection & chin strap from the type 2 helmet allows us to protect our employees better in these conditions than a traditional hard hat.

**UTILITY PROVIDER OUT OF THE NORTHEAST**

STAY SAFE.  
STAY PRODUCTIVE.





# HOW MILWAUKEE® DELIVERS PROVEN PROTECTION

## BETTER PROTECTION COOLEST & LIGHTEST

### BOLT™ FULL BRIM SAFETY HELMET

ANSI/ISEA Z89.1-2014  
TYPE II, CLASS E



Protects Side Impact

Lightest Weight  
Full Brim Helmet



Up To 15°F Cooler\*

5 Point Adjustment,  
Comfortable Fit

Removable and  
Machine Washable

Absorbs Top  
Impact Energy



Adjustable Swinging  
Ratchet  
Better comfort

#### ARC TESTING

- 3rd party independent testing for our head protection: Arc Flash test from 7.6 Cal/cm2–18 Cal/cm2
- Ask your Milwaukee Tool sales representative for more information

#### VERTICALLY INTEGRATED

- Engineered and Designed by Milwaukee Tool
- Manufactured in USA
- Customized for the BOLT™ system
- Allows for adaptation to a wide variety of applications

#### INDUSTRY TESTING

- Testing lab to recreate real life industry scenarios
- Test competitor attachments for cross industry coverage

#### HEAD PROTECTION LIFESPAN

- Milwaukee Tool has the longest life of head protection on the market

#### Includes

- 1 BOLT™ Headlamp Mount
  - Securely attaches most headlamps
- 1 BOLT™ Marker Clip
- 4 BOLT™ Accessory Slots
- 2 Universal Accessory Slots

Available in Additional Colors

Removable and  
Machine Washable  
Sweatband

Comfortable  
Padded Suspension

Optimized Venting  
for Better Airflow

Comfortable Fabric  
Extended wear



#### Also Available:



48-73-1321  
BOLT™ Front Brim  
Safety Helmet (USA)  
– Type II, Class E



48-73-1301  
BOLT™ Safety Helmet  
(USA) – Type II, Class E



48-73-1087  
BOLT™ Safety Helmet  
FR Chin Strap



\* Compared to competitive Type II Full Brim Head Protection

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STAY PRODUCTIVE.

