



**PRODUCT NUMBER: 1031749**  
**Honeywell Turbosshield Hard Hat Adapter**

A universal hard hat adapter for the Honeywell Turbosshield face protection system. Features a patented dual-pivot mechanism and a patented visor latch mechanism release system.

**Honeywell**

**Overview**

**Reference Number**

1031749

**Product Type**

Eye and Face Protection

**Range**

Face Shields

**Brand**

Honeywell

**Industry**

- Automotive and Part Manufacturer
- Building and Construction
- Chemical Industries
- Food Industries
- Foundry
- General Industry
- Glass Industries
- Industrial Cleaning
- Iron and steel industry
- Laboratory
- Maintenance
- Medical and Pharmaceutical
- Metal steel
- Offshore
- Petro-chemical
- Ship Building

**Product Use**

The Honeywell Turbosshield is perfect for workers exposed to falling or flying objects, impact, splash, UV and airborne debris. The Hard Hat Adapter option makes it easier for those needed to combine head protection together with face protection.

**Features & Benefits**

**Feature**

Visors slide back 170 mm, improving balance and weight distribution when worn with the Turbosshield Hard Hat Adapter

**Benefit**

Better Balance

**Feature**

Dual-Hinge Hard Hat Adapter design increases clearance by as much as 100 mm and keeps accessory slots open for compatibility with other PPE

**Benefit**

Enhance Overhead Clearance

**Feature**

Honeywell Turboshield Hard Hat Adapter compatible with our complete family of Supervisor specialty visors included gold coated, triacetate and acetate

**Benefit**

Added Flexibility and Breadth to the range!

**Feature**

Hard Hat accessory is compatible with most major Hard Hats (including North brand) with the exception of full brim hard hats

**Benefit**

Wide fit variety to adapt to your current Hard Hat solution

**Technical Description**

**Eyewear Type**

Visor

**Frame Material**

Dark Gray in Color Adapter Material made of Reinforced Nylon

**Frame Size**

Overall Size 190 mm x 255 mm x 70 mm

**Dielectric**

Yes

**Certifications**

 E.C. Declaration of Conformity

**EC Category PPE**

2

**EC Certificate Number**

C1519.2HON

**EC Attestation**

 Certificate Honeywell 2013

**Certifications**

- EN 166

**REACH**

<b>EU Regulation 1907/2006 (REACH) Compliance</b>	
The substance(s) listed below may be contained in this product above the threshold level of 0.1% by weight of the listed article.	
<b>Product Reference Sold in Europe</b>	<b>Substance &gt; 0.1%</b>
<b>Substance Name</b>	<b>CAS Number</b>
No Substance Content	

**Literature & Documents**

Turboshield Brochure

[http://www.honeywellsafety.com/supplementary/documents\\_and\\_downloads/4294984735/1033.aspx](http://www.honeywellsafety.com/supplementary/documents_and_downloads/4294984735/1033.aspx)

## Packaging

**EAN Code**

7312550317495

**UPC Code/Box**

17312550317492

**Packaging Specs Individual Box**

1 per polybag

**Country of Origin**

China

## EC-type examination certificate

C1519.4HON

Applicant / manufacturer	Honeywell Safety Products 10, Thurber Blvd. SMITHFIELD, RI 02917 USA
Identification of the manufacturer	HON
Product type	Eye-protectors, face-shields for occupational use, providing filtering action, welding, UV and sunglare filters
Model name	Turboshield see schedule identifying the different models
Standard(s) / technical rules	DIN EN 166 : 2001 & DIN EN 169 : 2002 & DIN EN 170 : 2002 & DIN EN 172 : 1994 + A1 : 2000 + A2 : 2001 Essential requirements according to Annex II of the PPE-Directive 89/686/EEC
Test reports	1004-ECS-13
Material	Polycarbonate
Marking	X-Y HON 1 BT A 3 9 A B CE for details see schedule for the different models

Herewith, ECS certifies that the named models comply with the basic requirements for health and safety as they are provided by the European Directive for Personal Protective Equipment 89/686/EEC. This certificate is based both / either on the test results as they are summarized in the named test reports, and/or on the technical documentation as it is delivered by the manufacturer. The applicant / manufacturer agrees to the General Business Rules of the ECS GmbH and to additional agreements as they are named in the application for conformity assessment.

The eye-protection device is to be marked as assigned. Either / both the frame and / or the ocular, spectacle, goggle or shield must be signed, as appropriate. If different marking has been assessed, the lowest marking must be applied, respectively. The validity of this EC-type examination will expire, if the manufacturer modifies the safety-relevant properties of this product with comparison to the tested one or if the requirements in the standards or technical rules will be revised and/or tightened. Name, address and identification number 1883 of the notified body ECS must be indicated in the information brochure of this product.

**This EC-type examination certificate is valid until 2018-03.**

ECS GmbH  
Notified Body 1883  
06/08/13



  
Dr. Bernhard Schmitz  
ECS-Certification

ECS GmbH – European Certification Service  
Augenschutz und Persönliche Schutzausrüstung  
Laserschutz und Optische Messtechnik  
Hüttfeldstraße 50  
73430 Aalen, Germany

**Company:** Honeywell Safety Products, SMITHFIELD, RI USA

Annex to the EC-type examination certificate registration number C1519.4HON, dated from 06/08/13.

The following products are included in this EC-type examination certificate:

<b>Model name</b>	<b>Visor colour</b>	<b>Measurement report</b>	<b>Scale and marking of the lenses</b>
1031743	CLEAR UNCOATED	10041-ECS-13 10047-ECS-13	UV-filtering action 2C-1.2 HON 1 BT A 3 9 CE
1031744	CLEAR COATED	10042-ECS-13 10048-ECS-13	UV-filtering action 2C-1.2 HON 1 BT A 3 9 K N CE
1031745	GRAY UNCOATED	10043-ECS-13	UV- and sunglare filtering action 2C-2.5 / 5-2.5 HON 1 BT A 3 9 CE
1031746	GRAY COATED	10044-ECS-13	UV- and sunglare filtering action 2C-2.5 / 5-2.5 HON 1 BT A 3 9 K N CE
1031747	SHADE 3	10045-ECS-13	Filtering action for welding processes 3 HON 1 BT A 3 9 CE
1031748	SHADE 5	10046-ECS-13	Filtering action for welding processes 5 HON 1 BT A 3 9 CE
1031740	Turboshield headgear		Frame marking: HON 166 BT A 3 9 CE
1031749	Turboshield hardhat adapter		Frame marking: HON 166 BT A 3 9 CE

**Additional specs:**

Valid for all types:

- Optical class: 1
- Protection against high-speed particles, medium energy impact at extremes of temperatures (BT)
- Protection against high-speed particles, high energy impact (A)
- Protection against molten metals and penetration of hot solids (9)
- Protection against droplets and splashes of liquids (3)

For coated clear and gray visors

- Resistance to surface damage by small particles (K)
- Resistance to fogging of oculars (N)

**Additional remark:**

If the lenses and headgears are marked separately, the following markings shall be applied:

- for the lenses: X-Y HON 1 BT A 3 9 A B CE (for A, B, X, Y see table above)
- for the headgear and hardhat adapter: HON 166 BT A 3 9 CE
- instead of BT A (BT for the protection against high-speed particles at extremes of temperatures, medium energy impact, and A for the protection against high-speed particles, high energy impact), the marking A or BT can be used individually.

## CERTIFICATION SCHEDULE

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**Company:** Honeywell Safety Products, SMITHFIELD, RI USA

Annex to the EC-type examination certificate registration number C1519.4HON, dated from 06/08/13.

The Turbosshield visors can be assembled with:

- Turbosshield Headgear (product number 1031740)
- via plastic Hardhat adapter (product number 1031749) to the following hardhats:
  - Schuberth Euroguard
  - Schuberth Baumeister 80 and BER80
  - MSA V-Gard full peak
  - Peltor G2000
  - Centurion Concept full peak
  - Centurion 1100 full peak, 1125 large full peak
  - JSP MK2 / MK3
  - JSP EVO8
  - Uvex Airwing
  - Voss INAP Master
  - North A59, A69, A79
  - Balance AC
  - Scott/Protector 300

The tests for the assemblies of visors to hardhats, see 10049-ECS-13 for BT-tests and 100410-ECS-13 for A-tests.



## E.C. Declaration of Conformity

**The manufacturer or its legal representative supplier in the European Community:**

Honeywell Safety Products Europe

**Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:**

Designation: Honeywell Turboshield Hard Hat Adapter

Reference: 1031749

Standard(s): EN166

**This PPE is the object of the below EC examination certificate n°:**

C1519.2HON

**Delivered by:**

ECS

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Aalen

Germany

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+49 (0)7361 5562434

[www.ecs-eyesafe.de](http://www.ecs-eyesafe.de)

Drawn up in Smithfield, RI, on the 11/09/2016

**By:** Philip Johnson

**Division:** Eye and Face Protection

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Eye and Face Protection System

**Honeywell**



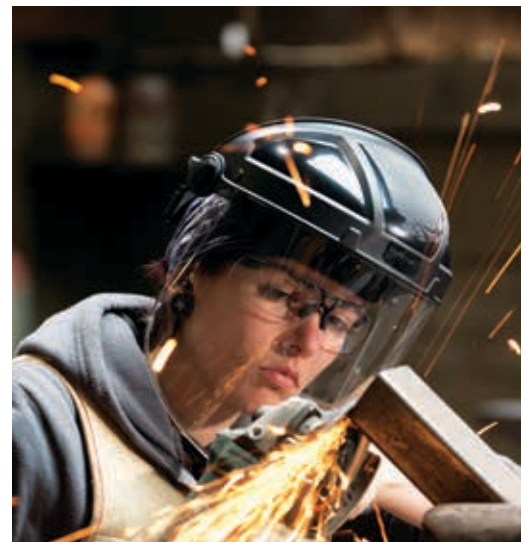
**Turboshield™**  
**Changing the Face of Safety**



# Together, we're changing the face of safety

**When listening drives innovation, revolutionary change is forged.**

You challenged us to improve what's currently on the market and, with two patented and one patent-pending features, the Turboshield system provides superior comfort for longer wear, the easiest visor exchange available, and optimal balance. The Turboshield system is perfect for workers exposed to falling or flying objects, impact, splash, UV and airborne debris, it can also be comfortably worn with most goggles, respirators and earmuffs.



# Turboshield™



## Superior comfort.

Flexible head-cushioning suspension cradle provides 300% greater contact area than traditional suspensions to eliminate pressure points for all-day wear.



## Easy visor exchange.

Simple push-button release system allows for easy visor exchange in seconds.



## Improved protection.

Feel safer with 50% more chin coverage compared to traditional visors, without the need for bulky accessories.



## Personalized, comfortable fit.

Control knobs are large and ergonomically designed for easy adjustment — even while wearing gloves.



## Better balance.

Visor slides back 170mm, improving balance and weight distribution when worn with the Turboshield Hard Hat Adapter.



## Enhanced clearance.

Dual-hinge hard hat adapter design increases clearance by as much as 100mm and keeps accessory slots open for compatibility with other PPE.

## Face Shield



- 1 Patented, secure visor attachment system for the quickest, easiest visor replacement available
- 2 Breathable, removable, washable headband
- 3 Toric lens provides excellent optics, increased field of view and added chin coverage without bulky attachments
- 4 \*Replacement visors are available in Clear, Grey, Shade 3.0 and Shade 5.0. Clear and Grey lenses are also available with dual anti-scratch/anti-fog coating for longer visor life and reduced fogging
- 5 Ergonomic, easy-to-use adjustment knobs – even when wearing gloves
- 6 Patent-pending suspension system with comfort-designed headgear features dual-material technology for cushioned comfort
- 7 Smooth-pivoting action with positive stops in raised and lowered position
- 8 Ergonomically designed ratcheting headgear mechanism assures quick, easy adjustment to achieve an optimal fit
- 9 Simple push-button release system allows for easy visor exchange in seconds


## Hard Hat Adapter



- 1 Hard hat accessory is compatible with most major hard hats (except full brim hard hats)
- 2 Intuitive visor attachment system for quick, easy visor replacement
- 3 Positive-locking hinge secures visor in raised and lowered positions
- 4 Leaves hard hat accessory slots free for additional protective equipment
- 5 Patented design centers visor over the head when in the raised position for greater balance and overhead clearance
- 6 Integrated brim guard ensures gap-free fit and protection from overhead debris

\* Honeywell Turbosshield headgear and hard hat adapter are compatible with our complete family of Supervisor specialty visors including gold coated, triacetate and acetate to provide added flexibility to the range.

**Honeywell**



**You told us it's time  
for a change.**

“It's my job to ensure my team is safe and if their face shields aren't comfortable they're not going to wear them.”


– Safety Manager


At Honeywell, we set out to create a face shield to meet your needs and give you the protection you deserve. To do this we visited job sites around the world and talked with workers and safety managers so we could better understand the challenges you face. We heard first-hand about the issues you deal with when it comes to workplace face protection. We listened and we learned. You need a face shield with an easy visor exchange, that's more comfortable to wear and offers you better protection.





**That's why we created the revolutionary  
Honeywell Turboshield.**

**Honeywell**

## ORDERING INFORMATION

	HEADGEAR		
	Ref. nr.	Description	Shell Marking
	1031740	Turboshield Ratcheted Headgear, Black	HON 166 BT A 3 9 CE

	HARD HAT ADAPTER		
	Ref. nr.	Description	Shell Marking
	1031749	Turboshield Hard Hat Adapter,* Black	HON 166 BT A 3 9 CE

 Clear – ideal for most indoor work applications  Grey – minimizes outdoor sunlight and glare  Shade 3.0 – Welding shade for torch brazing operations  Shade 5.0 – Welding shade for cutting operations	REPLACEMENT VISORS			
	Ref. nr.	Description	Coatings	Visor Marking
	1031743	Clear PC Turbosshield Replacement Visor	Uncoated	2C-1.2 HON 1 BT A 3 9 CE
	1031744	Clear PC Turbosshield Replacement Visor	Hardcoat/Anti-Fog	2C-1.2 HON 1 BT A 3 9 K N CE
	1031745	Grey PC Turbosshield Replacement Visor	Uncoated	2C-2.5 / 5-2.5 HON 1 BT A 3 9 CE
	1031746	Grey PC Turbosshield Replacement Visor	Hardcoat/Anti-Fog	2C-2.5 / 5-2.5 HON 1 BT A 3 9 K N CE
	1031747	UV/IR Shade 3.0 PC Turbosshield Replacement Visor	Uncoated	3 HON 1 BT A 3 9 CE
	1031748	UV/IR Shade 5.0 PC Turbosshield Replacement Visor	Uncoated	5 HON 1 BT A 3 9 CE

### Packaging Information

#### Replacement Visors

1/Polybag; 10/Master Case  
 Master Case Weight: 2.7 kg  
 Master Case Dimensions:  
 305mm x 267mm x 254mm

#### Headgear

1/Polybag; 10/Master Case  
 Master Case Weight: 5.0 kg  
 Master Case Dimensions:  
 622mm x 324mm x 578mm

#### Hard Hat Adapter

1/Polybag; 10/Master Case  
 Master Case Weight: 2.3 kg  
 Master Case Dimensions:  
 314mm x 213mm x 356mm

\*Hard Hat Adapter tested and approved for use on these hard hats: North - A59, A69, A79, A89; MSA - V-Gard; Centurion – Concept Full Peak, 1100; Schubert – Baumeister 80, Euroguard 4; Peltor – G2000; JSP – MK2.

*Certified to the requirements of the EN166 standards*

*All Turbosshield Visors are certified UV protectors and provide protection against liquid and molten metal splash (EN166) and medium impact even at extremes of temperature (-5° C -55° C)*

**Lead them to safety** – Build an enduring culture of safety where employees make safe choices on their own: [www.honeywellsafety.com](http://www.honeywellsafety.com)

### HONEYWELL SAFETY PRODUCTS

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