

**HNLS Insulated ½ inch Special Socket Wrench Long  
up to 1 kV AC / 1,5 kV DC****PHOTOS**

Product compliant with the requirements of EN IEC 60900:2018 standard

Product code	Size	Weight	Length
A111.1208	8 mm	125 g	95 mm
A111.1210	10 mm	115 g	95 mm
A111.1213	13 mm	130 g	95 mm
A111.1214	14 mm	120 g	95 mm
A111.1217	17 mm	135 g	95 mm
A111.1219	19 mm	160 g	95 mm
A111.1224	24 mm	235 g	95 mm
A111.1227	27 mm	250 g	95 mm
A111.1230	30 mm	360 g	95 mm
A111.1232	32 mm	380 g	95 mm

Length and weight tolerances are  $\pm 2\%$ . Due to continuous product development, product appearance may differ slightly from that shown in the photos.

**CHARACTERISTICS**

Insulated tool, made of CrV steel with 12-point working head. ½ inch square socket. Insulation made of plastisol (PVC), dipping technology. The tool's insulation is double-layered in contrasting colors, white and orange. Thickness of each layer at least 1 mm. It has an insert to prevent the nut from falling in deeper.

Sockets can be made in other sizes.

**APPLICATION**

Sockets are used for live work up to 1 000 V AC or 1 500 V DC. The sockets are designed for loosening and tightening hexagonal screws on switchgear devices, cable lines and overhead lines.

Works with bar drives, torque wrench, ratchet drives and extensions and other tools that have ½ inch square connectors.

**HNLS Insulated ½ inch Special Socket Wrench Long  
up to 1 kV AC / 1,5 kV DC****STORAGE AND MAINTENANCE**

Store the socket in a bag or toolbox separate from other tools to avoid mechanical damage. Store the socket in dry areas away from heat sources, in a non-aggressive chemical atmosphere. Protect from sunlight.

The socket should be cleaned after each use. Use a dry cloth for cleaning. If the drive is very dirty, clean it with a cloth dampened in water with a mild detergent or cloth dampened with ASOREL and dry thoroughly.

**EXAMINATION**

A visual inspection of the socket should be made before each operation. Carry out a periodic inspection, also by visual inspection, once a year.

Visual inspection includes checking:

- no visible defects in the socket,
- no visible damage to the socket insulation,
- legibility and completeness of the socket marking.

Socket that is damaged, heavily worn (mechanical damage to the insulation) or dirty must not be used for live work. Damage resulting in the exposure of the inner (white) insulation layer eliminates the possibility of further use of the tool in live work. In case of moisture, the socket should be thoroughly dried before use.

**CAUTION!**

In case of doubt, after the visual inspection, the tool should be re-tested for electric strength or withdrawn from use in live work.

**FREQUENCY TESTS**

For check and periodic inspection to be carried out in according to table.

	<b>CHECK</b>	<b>PERIODIC INSPECITON</b>
Who	Manager of team	Supervision
When	Before use	Once a year
How	Visually	Visually

*\*Unless instructions say otherwise*

**DECLARATION OF CONFORMITY**

Issuer's name: **HUBIX Sp. z o.o.**  
Issuer's address: **Huta Żabiowska, ul. Główna 43, 96-321 Żabia Wola, Poland**

Object of the declaration:  
**HNLS Insulated ½ inch Special Socket Wrench Long up to 1 kV AC / 1,5 kV DC**  
Product code  
**A111.12xx**

The object of the declaration described above is in conformity with the requirements of the following documents:

Documents No.	Title
EN IEC 60900:2018	Live working – Hand tools of use up to 1000 V AC and 1500 V DC

Additional information:  
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Signed for and on behalf of President of the Board

*Michał Włodarczyk*

Huta Żabiowska, 15.02.2022  
*(Place and date of issue)*

Robert Nader, The main specialist for control and measurements  
*(Name, function)*



*(Signature or equivalent authorized by the issuer)*