

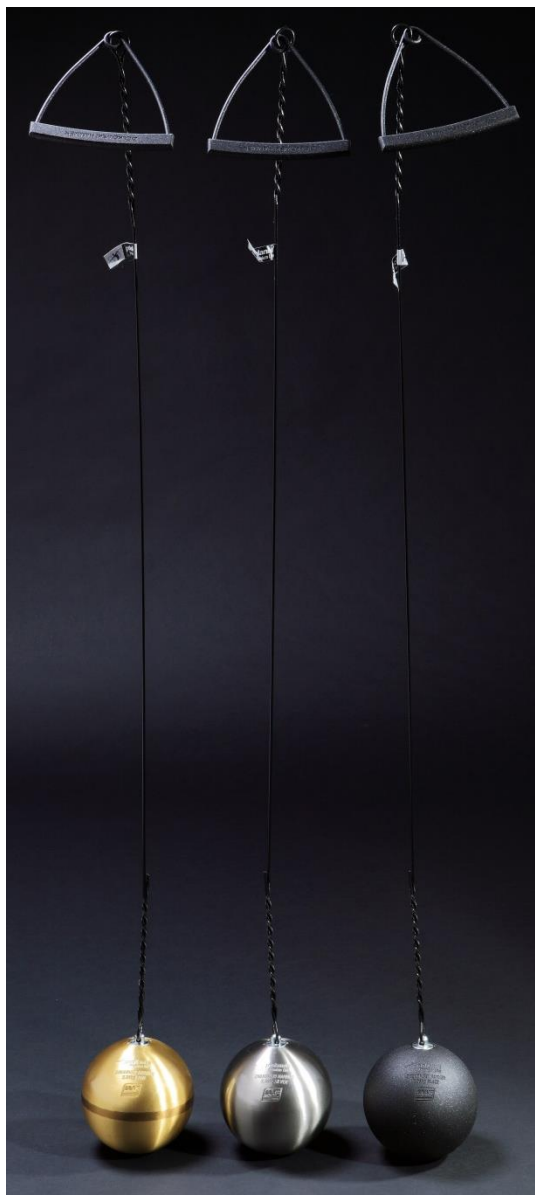
POLANIK
Poland, Życzliwa 11
97-300 Piotrków Trybunalski

tel. +48 44 646 44 81
tel. +48 44 648 50 89
fax +48 44 646 43 58

e-mail: info@polanik.com
www.polanik.com



Technical specification Ziolkowski Hammers ZH series Premium Hammers PH series



File: 2018-07-13
PRODUCT SUPPORT
Paweł Ciechanowski
p.ciechanowski@polanik.com

Warning!

The sports equipment produced by POLANIK is designed for athletics training and use in sports competitions only. Please pay special attention especially when using throwing implements and other throwing equipment, misuse of athletics equipment and implements can cause serious injury. In no event shall POLANIK be liable for any special, incidental, indirect or consequential damages in connection with the purchase or use of POLANIK products or costs over the original cost of the product. Concerning our permanent efforts to improve our products i.e. their quality and aesthetic values, we reserve the right to introduce, without prior notice, constructional changes as well as other modifications in standard colours of the equipment and implements.

Specific warranty terms:

1. The use of the throwing implements is to be done at the properly marked and secured sports facilities designed for that purpose and under supervision of qualified coaches, and according to: the rules of the International Association of Athletics Federations (IAAF), respective national athletics federation and local safety regulations. Failure to follow the above restrictions results in loss of the warranty rights.
2. The competition hammers are athletics throwing implements designed for competitions of hammer throw athletics event. The damages of competition hammers (scratches, dents and so on) caused by landing on the throwing sector are recognized as a normal wear of the product and are excluded from the warranty.



I. General description

Premium Line is a special line of Polanik hammers which have been prepared in cooperation with the Olympic Champion Szymon Ziolkowski. Polanik had invited the outstanding athlete to take part in the designing stage of the new hammer line. It took us 14 months to put the line into production. Each element of the premium line hammer (including the head, wire and handle) was designed anew according to the champion's comments. After each designing phase series of prototypes were created and Szymon Ziolkowski tested them during his training sessions. In that way, step by step, we eliminated all the weaknesses and perfected our product in the respect of selecting high quality materials, production precision, ergonomics, type of powder paint, as well as optimal dimensions and location of centre of gravity. The combination of our company's long-lasting experience as the producer of the high quality athletics equipment and Szymon Ziolkowski's knowledge as the one of the best throwers in the world gave the excellent result. Ziolkowski hammers are used in athletics hammer throwing events and training programs. Sports events and training should be conducted on grass surfaces or similar fields. Each hammer comes with a steel galvanized wire and a certified hammer handle.

Unique Set

Each hammer is an original set of specially selected elements: hammer head, wire and handle.

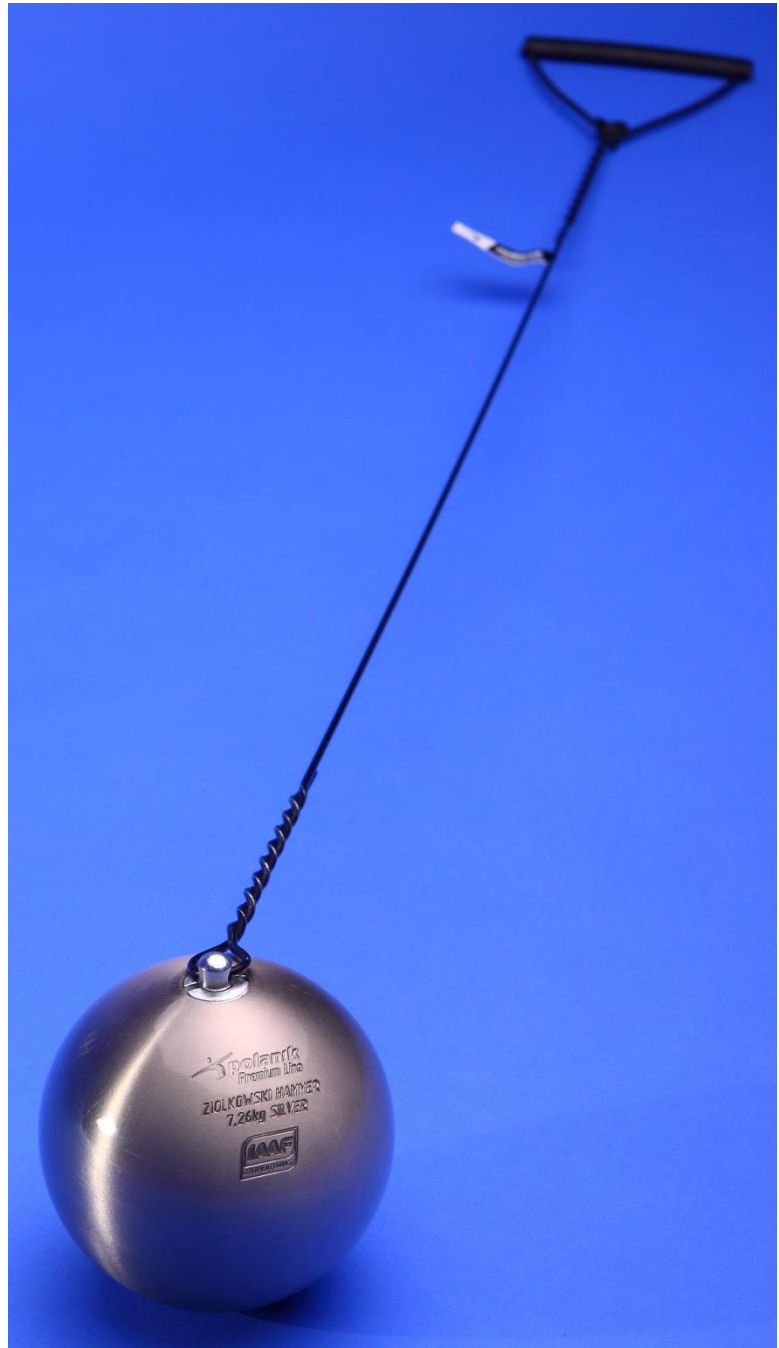
Individually Packed

Each element is separately packed.

The best competition implements in the market

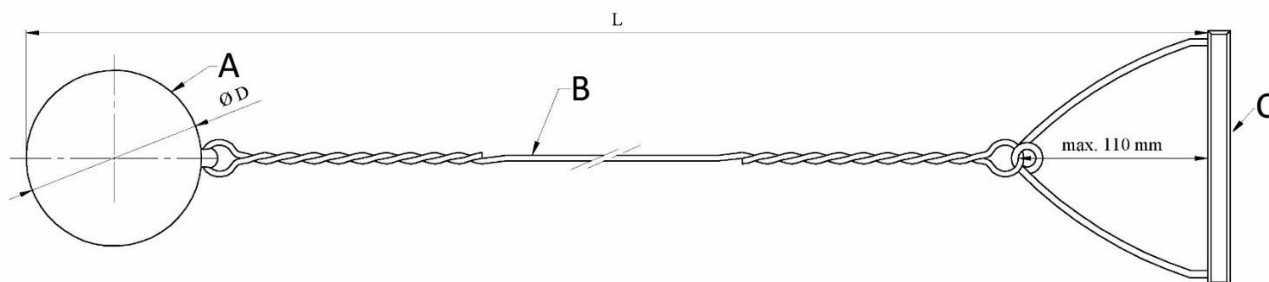
They are manufactured with high accuracy, perfectly balanced and they have got optimal dimensions. Mastering all the elements during the whole production process guarantees that our premium hammer flies farther than an ordinary hammer, using the same throwing technique.

Every millimetre and every gram translate into metres and centimetres, and these decide who wins ...



II. Technical characteristics

Type	premium
Hammer head (A)	turned on the whole surface, filled with special mixture of lead and fine shot, swivel made of high quality hardened galvanized steel
Wire (B)	steel galvanized wire diameter 3 mm
Hammer handle (C)	duraluminium and steel wire 4 mm, powder painted, various colours depending on available paints



Product code	ZH-7,26-G ZH-7,26-S ZH-7,26-B	ZH-6-B	ZH-5-B	PH-4-G PH-4-S PH-4-B	PH-3-B
Nominal weight [kg]	7,26	6	5	4	3
Head diameter [mm] (D)	115 ⁺⁵	105 ⁺⁵	100 ⁺⁵	95 ⁺⁵	85 ⁺⁵
Length [mm] (L)	1215 ⁻⁵	1215 ⁻⁵	1200 ⁻⁵	1195 ⁻⁵	1195 ⁻⁵
Handle (C)	UW-115	UW-115	UW-115	UW-110	UW-110

Code	Description	Material
PH-3-B	3 kg, Premium Line Black Hammer, IAAF I-17-0854	Steel powder painted
PH-4-B	4 kg, Premium Line Black Hammer, IAAF I-10-0466	Steel powder painted
PH-4-G	4 kg, Premium Line Gold Hammer, IAAF I-10-0464	Brass, sanded
PH-4-S	4 kg, Premium Line Silver Hammer, IAAF I-10-0465	Stainless steel, sanded
ZH-5-B	5 kg, Premium Line Ziolkowski Hammer BLACK, IAAF I-17-0855	Steel powder painted
ZH-6-B	6 kg, Premium Line Ziolkowski Hammer BLACK, IAAF I-17-0856	Steel powder painted
ZH-7,26-B	7,26 kg, Premium Line Ziolkowski Hammer BLACK, IAAF I-10-0469	Steel powder painted
ZH-7,26-G	7,26 kg, Premium Line Ziolkowski Hammer GOLD, IAAF I-10-0467	Brass, sanded
ZH-7,26-S	7,26 kg, Premium Line Ziolkowski Hammer SILVER, IAAF I-10-0468	Stainless steel, sanded

III. Packing

Each element is separately packed: head, wire and handle.

IV. IAAF Certificates

International Association of Athletics Federations



Product Certificate

*The IAAF is pleased to certify hereby
that the following product:*

Product's Trade Name: Hammer, Premium Black, 3kg

Description, Colour / Absolute Thickness: Steel, Dia: 85mm, Black

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: PH-3-B/UW-110

IAAF Certification Number: I-17-0854

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 1 December 2017

Until the last day of: 1 December 2021

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



SEBASTIAN COE
IAAF President



JORGE SALCEDO
IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

The IAAF is pleased to certify hereby that the following product:

Product's Trade Name: Hammer, Premium Black, 4kg

Description, Colour / Absolute Thickness: Steel, Dia: 95mm, Black

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: PH-4-B/UW-110

IAAF Certification Number: I-10-0466

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 01 July 2018

Until the last day of: July 2022

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.

JORGE SALCEDO
IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

The IAAF is pleased to certify hereby that the following product:

Product's Trade Name: Hammer, Premium Gold, 4kg

Description, Colour / Absolute Thickness: Brass, Dia: 95mm, Gold

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: PH-4-G/UW-110

IAAF Certification Number: I-10-0464

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 01 July 2018

Until the last day of: July 2022

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



JORGE SALCEDO
IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

*The IAAF is pleased to certify hereby
that the following product:*

Product's Trade Name: Hammer, Premium Silver, 4kg

Description, Colour / Absolute Thickness: Stainless steel, Dia: 95mm, Silver

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: PH-4-S/UW-110

IAAF Certification Number: I-10-0465

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 01 July 2018

Until the last day of: July 2022

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.

JORGE SALCEDO
IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

*The IAAF is pleased to certify hereby
that the following product:*

Product's Trade Name:

Hammer, Ziolkowski Black, 5kg

Description, Colour / Absolute Thickness:

Steel, Dia: 100mm, Black

Company Name, Country:

Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number:

ZH-5-B/UW-115

IAAF Certification Number:

I-17-0855

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from:

1 December 2017

Until the last day of:

1 December 2021

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



SEBASTIAN COE

IAAF President



JORGE SALCEDO

IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

*The IAAF is pleased to certify hereby
that the following product:*

Product's Trade Name:

Hammer, Ziolkowski Black, 6kg

Description, Colour / Absolute Thickness:

Steel, Dia: 105mm, Black

Company Name, Country:

Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number:

ZH-6-B/UW-115

IAAF Certification Number:

I-17-0856

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from:

1 December 2017

Until the last day of:

1 December 2021

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.

SEBASTIAN COE
IAAF President

JORGE SALCEDO
IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

The IAAF is pleased to certify hereby that the following product:

Product's Trade Name: Hammer, Ziolkowski Black, 7.26 kg

Description, Colour / Absolute Thickness: Steel, Dia: 110mm, Black

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: ZH-7,26-B/UW-115

IAAF Certification Number: I-10-0469

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 01 July 2018

Until the last day of: July 2022

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



JORGE SALCEDO
IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

*The IAAF is pleased to certify hereby
that the following product:*

Product's Trade Name: Hammer, Ziolkowski Gold, 7.26 kg

Description, Colour / Absolute Thickness: Brass, Dia: 110mm, Gold

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: ZH-7,26-G/UW-115

IAAF Certification Number: I-10-0467

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 01 July 2018

Until the last day of: July 2022

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



JORGE SALCEDO
IAAF Technical Committee Chairman



International Association of Athletics Federations



Product Certificate

*The IAAF is pleased to certify hereby
that the following product:*

Product's Trade Name: Hammer, Ziolkowski Silver, 7.26 kg

Description, Colour / Absolute Thickness: Stainless steel, Dia: 110mm, Silver

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: ZH-7,26-S/UW-115

IAAF Certification Number: I-10-0468

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 01 July 2018

Until the last day of: July 2022

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



JORGE SALCEDO
IAAF Technical Committee Chairman

