

## TECHNICAL SPECIFICATION

### Competition plywood discuses with central plate

HPD17-1

HPD17-1,5

HPD17-1,6

HPD17-1,75

HPD17-2



### 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 discuses are athletics throwing implements designed for the athletics competition event – discus throw. The mechanical damages of the discuses (scratches, dents and so on) caused by landing on the throwing sector or other discuses remaining on the throwing field are recognized as a normal wear of the product and are excluded from the warranty.

## I. Use

The competition hard plywood discs are designed for discus throw competitions and training programs.

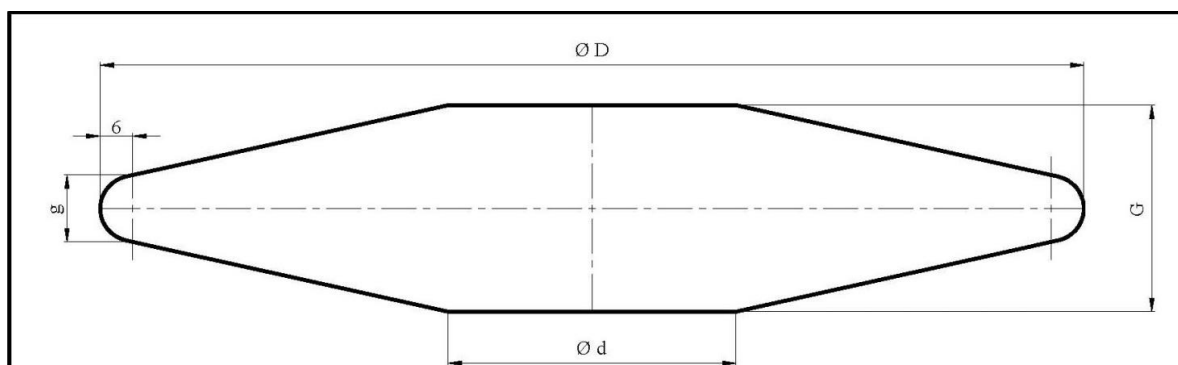
## II. Technical specification

Product series	HPD17
IAAF certificates	yes
Discus rim	special alloy* resistant to corrosion or galvanized steel
Discus side plates	hard plywood side plates (special mixture of wood and resin pressed under high pressure)
Central plate	stainless steel, permanent marking: nominal weight and Polanik logo
Discus rim weight** [%]	65
Non-standard weights	on request even up to 4 kg

\*as long as the stock lasts

\*\*approximately

The discs are made according to the IAAF specifications:



The discus specifications according to the IAAF rules

Minimum weight for admission to competition and acceptance of a record	1.000 kg		1.500 kg		1.750 kg		2.000 kg	
	min.	max.	min.	max.	min.	max.	min.	max.
Information for manufacturers: Range for supply of implement for competition	1.005 kg	1.025 kg	1.505 kg	1.525 kg	1.755 kg	1.775 kg	2.005 kg	2.025 kg
Outside diameter of metal rim [ $\phi$ D]	180 mm	182 mm	200 mm	202 mm	210 mm	212 mm	219 mm	221 mm
Diameter of metal plane or flat centre area [ $\phi$ d]	50 mm	57 mm	50 mm	57 mm	50 mm	57 mm	50 mm	57 mm
Thickness of metal plate or flat centre area [G]	37 mm	39 mm	38 mm	40 mm	41 mm	43 mm	44 mm	46 mm
Thickness of metal rim (6 mm from edge) [g]	12 mm	13 mm	12 mm	13 mm	12 mm	13 mm	12 mm	13 mm

Product	Weight (kg)	Outside diameter (mm)	Thickness of metal plate or flat centre area (mm)	Diameter of metal plate or flat centre area, stainless steel central plate	IAAF Certificate
code	+0,005 +0,025	$\pm 1$	$\pm 1$	max 50 min 57	
HPD17-1	1	181	38	52,7	I-17-0846
HPD17-1,5	1,5	201	39	52,7	I-17-0848
HPD17-1,6	1,6	210	41	52,7	-
HPD17-1,75	1,75	211	42	52,7	I-17-0850
HPD17-2	2	220	45	52,7	I-17-0852



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### III. Operation and maintenance

The discuses should be used on grass ground only. The throwing field should be free of hard objects and thrown discuses should be removed regularly during training and competitions.

### IV. Packing and transport

The discuses are packed in paper bags and foil bags. Each discus is packed in a 3-layer cardboard box.

## V. IAAF Certificates

International Association of Athletics Federations



# Product Certificate

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

**Product's Trade Name:** Discus, Hard plywood, 1kg

**Description, Colour / Absolute Thickness:** Plywood sides, steel rim & central plate, Various

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

**Catalogue Number:** HPD17-1

**IAAF Certification Number:** I-17-0847

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:**

Discus, Hard plywood, 1.5kg

**Description, Colour / Absolute Thickness:**

Plywood sides, steel rim & central plate, Various

**Company Name, Country:**

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

**Catalogue Number:**

HPD17-1,5

**IAAF Certification Number:**

I-17-0849

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:**

Discus, Hard plywood, 1.75kg

**Description, Colour / Absolute Thickness:**

Plywood sides, steel rim & central plate, Various

**Company Name, Country:**

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

**Catalogue Number:**

HPD17-1,75

**IAAF Certification Number:**

I-17-0851

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:**

Discus, Hard plywood, 2kg

**Description, Colour / Absolute Thickness:**

Plywood sides, steel rim & central plate, Various

**Company Name, Country:**

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

**Catalogue Number:**

HPD17-2

**IAAF Certification Number:**

I-17-0853

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







## VI. Declaration

1) No 2017-12-13

2) Issuer's name: POLANIK

Issuer's address: Życzliwa 17, 97-300 Piotrkow Tryb.

3) Objects of declaration

No.	Name	Code
1	Competition plywood discus 1,6 kg with central plate	HPD17-1,6

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

No. of the document	Title	Issuer
Rule 189 Point 1	IAAF Competition Rules 2018-2019	International Association of Athletics Federations IAAF 6-8, Quai Antoine 1er, BP 359, MC 98007 Monaco Cedex Tel: +377 93 10 88 88 ; Fax: +377 93 15 9515 <a href="http://www.iaaf.org">www.iaaf.org</a>

### Additional Information

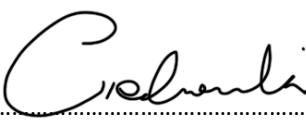
5) Declaration for:

Buyer/Distributor/User

Signed for and in behalf of:

POLANIK  
2017-12-13 Piotrkow Tryb.  
(Date and place of issue)

6) Pawel Ciechanowski  
Product Manager  
.....  
(Name, function)

  
.....  
(Signature or equivalent authorized by the issuer)