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Technical specification Competition javelins Sky Challenger

500g

600g

700g

800g



File: 2016-12-15
PRODUCT SUPPORT
Paweł Ciechanowski
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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 javelins are athletics throwing implements designed for the athletics competition event – javelin throw. The mechanical damages of the javelins (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.

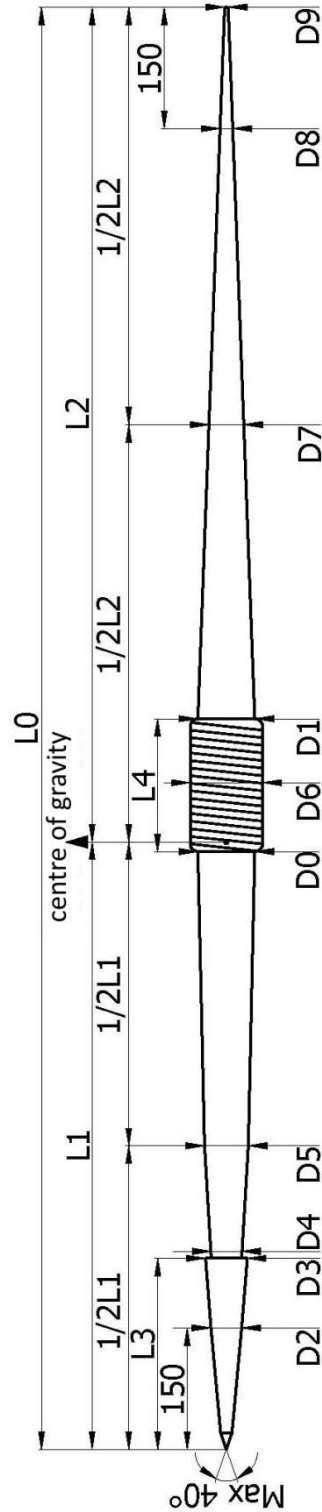
I. General description and use

Javelins are designed for athletics competition event - javelin throw, and for training of javelin throw. Competitions and training of javelin throw should be conducted on grass surfaces or similar fields.

II. Technical characteristics

Code	SC12-500	SC10-600	SC10-700	SC10-800
Description	competition javelin Sky Challenger 500g	competition javelin Sky Challenger 600g	competition javelin Sky Challenger 700g	competition javelin Sky Challenger 800g
IAAF certificate	I-12-0622	I-11-0501	I-11-0539	I-11-0504
Theoretical range [m]	60	70	75	80
Shank	duraluminium of modified chemical constitution, powder painted, blue transparent	duraluminium of modified chemical constitution, powder painted, blue transparent	duraluminium of modified chemical constitution, powder painted, blue transparent	duraluminium of modified chemical constitution, powder painted, blue transparent
Grip	cotton with synthetic core	cotton with synthetic core	cotton with synthetic core	cotton with synthetic core
Head	steel galvanized	steel galvanized	steel galvanized	steel galvanized
Nominal weight [g]	500	600	700	800
Weight allowance [g]	od +5 do +25	od +5 do +25	od +5 do +25	od +5 do +25

The competition javelins Sky Challenger 500g -800g are produced according to the following dimensions.



	800g		700g		600g		500g	
	Max	Min	Max	Min	Max	Min	Max	Min
L0	2700	2600	2400	2300	2300	2200	2100	2000
L1	1060	900	1000	860	920	800	880	780
1/2L1	530	450	500	430	460	400	440	390
L2	1800	1540	1300	1500	1280	1320	1120	
1/2L2	900	770	770	650	750	640	660	560
L3	330	250	330	250	330	250	270	220
L4	160	150	160	150	150	140	145	135
D0	30	25	28	23	25	20	24	20
D1	-	D0-0.25	-	D0-0.25	-	D0-0.25	-	D0-0.25
D2	0.8D0	-	0.8D0	-	0.8D0	-	0.8D0	-
D3	-	-	-	-	-	-	-	-
D4	-	D3-2.5	-	D3-2.5	-	D3-2.5	-	D3-2.5
D5	0.9D0	-	0.9D0	-	0.9D0	-	0.9D0	-
D6	D0+8	-	D0+8	-	D0+8	-	D0+8	-
D7	-	0.9D0	-	0.9D0	-	0.9D0	-	0.9D0
D8	-	0.4D0	-	0.4D0	-	0.4D0	-	0.4D0
D9	-	3.5	-	3.5	-	3.5	-	3.5

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III. Packing

The javelins are packed in foil bags and carton boxes, or tubes (depending on the quantity).

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: Javelin, Competition Sky Challenger 500, 500g

Description, Colour / Absolute Thickness: Aluminium, Transparent red

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

Catalogue Number: SC12-500

IAAF Certification Number: I-12-0622

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 2016

Until the last day of: December 2020

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:	Javelin, Competition Sky Challenger 600g
Description, Colour / Absolute Thickness:	Aluminium/blue cord, Transparent red
Company Name, Country:	Polanik Sp. z o. o. - Sp. K., POL
Catalogue Number:	SC10-600
IAAF Certification Number:	I-11-0501
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 April 2015
Until the last day of:	April 2019

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.



ESSAR GABRIEL
IAAF General Secretary



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:

Javelin, Competition Sky Challenger 700g

Description, Colour / Absolute Thickness:

Aluminium, blue cord, Transparent red

Company Name, Country:

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

Catalogue Number:

SC10-700

IAAF Certification Number:

I-11-0539

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 October 2015

Until the last day of:

October 2019

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: Javelin, Competition Sky Challenger 800g

Description, Colour / Absolute Thickness: Aluminium/blue cord, Transparent red

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

Catalogue Number: SC10-800

IAAF Certification Number: I-11-0504

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 April 2015

Until the last day of: April 2019

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.



ESSAR GABRIEL
IAAF General Secretary



JORGE SALCEDO
IAAF Technical Committee Chairman

