

Technical specification Competition javelins Sky Challenger

500g

600g

700g

800g



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.

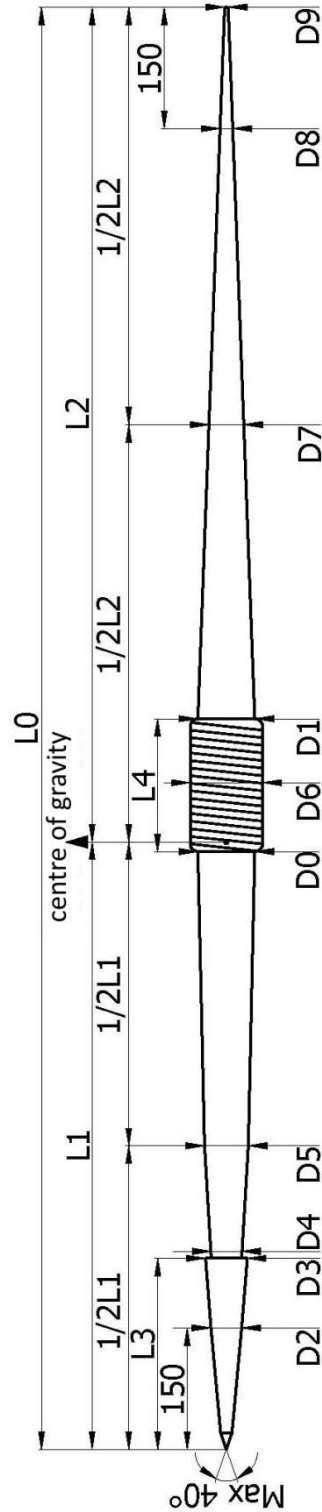
I. General description and use

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

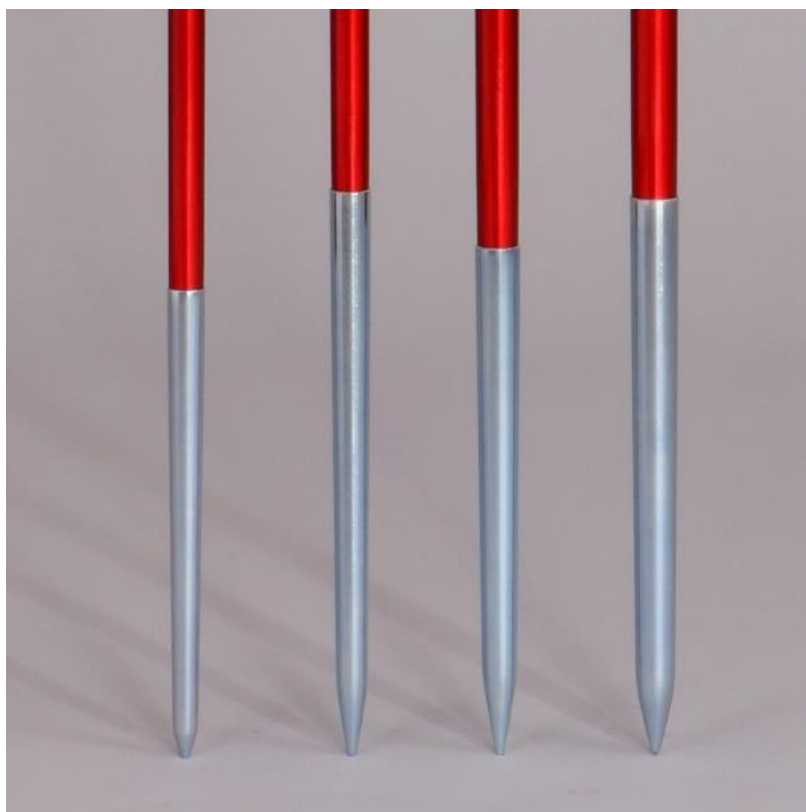
Code	SC12-500	SC10-600	SC10-700	SC10-800
Description	competition javelin Sky Challenger 500g	competition javelin Sky Challenger 600g	competition javelin Sky Challenger 700g	competition javelin Sky Challenger 800g
IAAF/WA certificate	I-12-0622	I-11-0501	I-11-0539	I-11-0504
Theoretical range [m]	60	70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





III. Packing

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

IV. IAAF/WA Certificates



**WORLD
ATHLETICS.**

PRODUCT CERTIFICATE

World Athletics is pleased to certify that the following product meets all the technical requirements of the World Athletics Rules for the relevant competitions.

Product's Trade Name:
Javelin - Competition Sky Challenger, 500g

Description, Colour/Absolute Thickness:
Aluminium, Transparent red

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

Catalogue Number:
SC12-500

Certification Number:
I-12-0622

Test Report by and on:
-

Note:
-

Date of Issue: **1 December 2020** Date of Expiry: **December 2024**

Issued in accordance with the terms and conditions of the World Athletics Certification System



Jon Ridgeon
World Athletics CEO



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:

Duraluminium/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 May 2019

Until the last day of:

May 2023

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
meets all the technical requirements of the IAAF Rules for the relevant competitions:*

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 December 2019

Until the last day of: December 2023

This certificate is issued in accordance with the terms and conditions of the IAAF
Certification System.



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:	Duraluminium/blue cord, Transparent red, blue cord
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 May 2019
Until the last day of:	May 2023

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

