

TECHNICAL CATALOG 2018/2019

## **THE CORRECT BOOT**

Risport skates are handcrafted and tested to guarantee the best performance and maximum comfort. This technical perfection originates from on-going technological innovation and attention to details so that the final product is a balanced combination of lightness and strength, modernity and elegance. Quality is an essential element for Risport. The whole process to achieve the definition of a new product passes through verification and checking phases both in our fully equipped laboratory and on the rinks.



We designed two different product lines: Royal and Rf. The different constructions allow us to satisfy the needs of all the skaters.

### **ROYAL CONSTRUCTION**

ROYAL upper profile is created with a unique design that allows the skaters to have more range of motion during their performances while achieving an optimal degree of bending. **RF CONSTRUCTION** 

RF upper profile allows the skaters to have more powerful performance and bigger jumps.

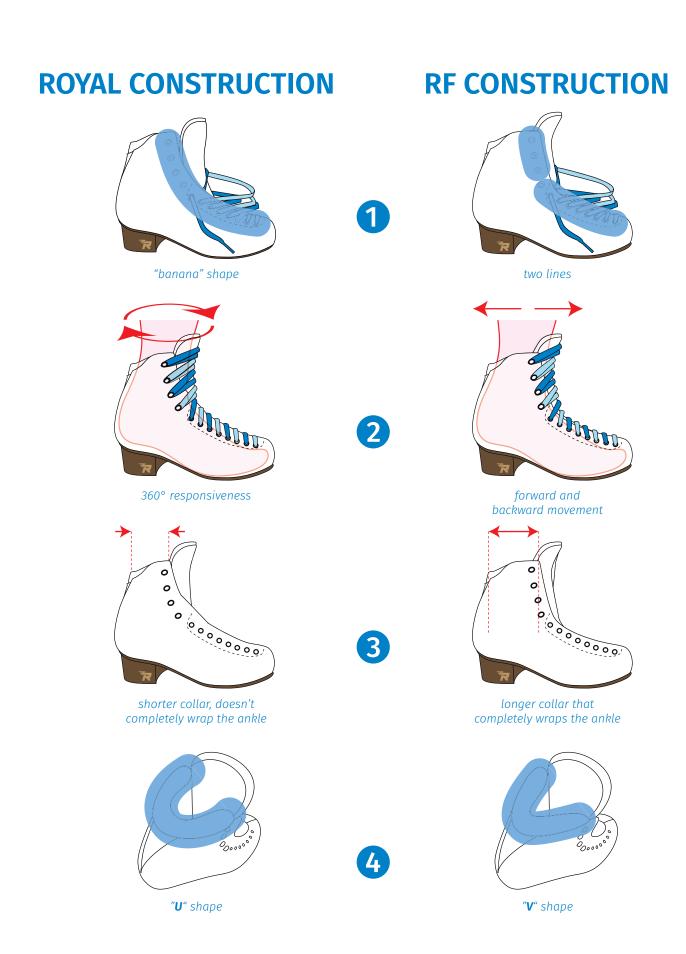
ROYAL is designed with a CUT LINE that has a "BANANA" SHAPE without interruptions (fig 1). This series is meant for finesse skaters, athletes known for their skating skills.

The padded collar has a U SHAPE (fig 4) that doesn't completely wrap the ankle (fig 3). Thanks to this the boot has 360 degrees responsiveness (fig 2).

RF line has a CUT LINE divided in two parts which wraps the ankle and supports forward bending. (fig 1).

The padded collar has a V SHAPE (fig 4) that completely wraps the ankle (fig 3) helping the skater with explosive jumps and soft landings (fig 2).

# ROYAL LINE VS RF LINE ᆍ



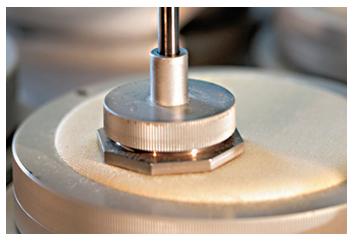
## **T**LEATHER UPPER AND MICROFIBER UPPER

Risport skates are handcrafted and tested to guarantee the best performance and maximum comfort. This technical perfection originates from on-going technological innovation and attention to details so that the final product is a balanced combination of lightness and strength, modernity and elegance. Quality is an essential element for Risport. The whole process to achieve the definition of a new product passes through verification and checking phases both in our fully equipped laboratory and on the rinks.

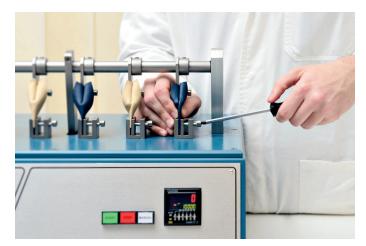
The materials are rigorously tested to ensure their resistance and durability with abrasion, bending and aging tests.



Flex testing machine, for long life test and stiffness measurements



Martindale, to test abrasion resistance of uppers



Bally, to test flexing resistance of uppers



The components are assembled by specialized hemmers

## LEATHER UPPER AND MICROFIBER UPPER 🔫

### **LEATHER UPPER**







The leather used for the uppers of our boots is personally selected by us; this allows us to give our products an added value. Respecting Risport tradition means that our uppers are 100% handcrafted.

The use of leather ensures a high degree of comfort, durability and great performance level.

The microfiber used for the uppers of our boots is the result of the collaboration of our technicians and our suppliers. By combining thin polymer fibers and special process, this material assumes characteristics similar to those of genuine leather.

Microfiber combines extraordinary lightness with technical properties such as abrasion resistance, tensile strength and is highly breathable.

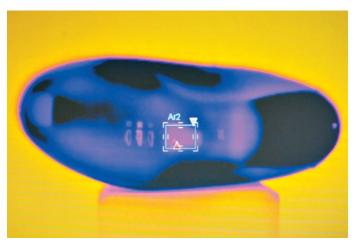
# **T**LEATHER VS THERMOPLASTIC SOLE

Risport skates are handcrafted and tested to guarantee the best performance and maximum comfort. This technical perfection originates from on-going technological innovation and attention to details so that the final product is a balanced combination of lightness and strength, modernity and elegance. Quality is an essential element for Risport. The whole process to achieve the definition of a new product passes through verification and checking phases both in our fully equipped laboratory and on the rinks.

The mechanical properties of our soles are verified by modern dynamometers, fleximeter and specialised equipment.



Fleximeter for long life test on thermoplastic soles



Digital camera, for thermographic analysis



Mounting of the leather sole, 100% handcraft



Laser control, to check if the sole and the upper are aligned

# LEATHER VS THERMOPLASTIC SOLE 🔫

## **LEATHER SOLE**

## THERMOPLASTIC WITH LEATHER SOLE





Our leather sole is composed of 4 mm of leather. Inside of the heel, there is an insert of ultra lightweight thermoplastic material in order to reduce the weight.

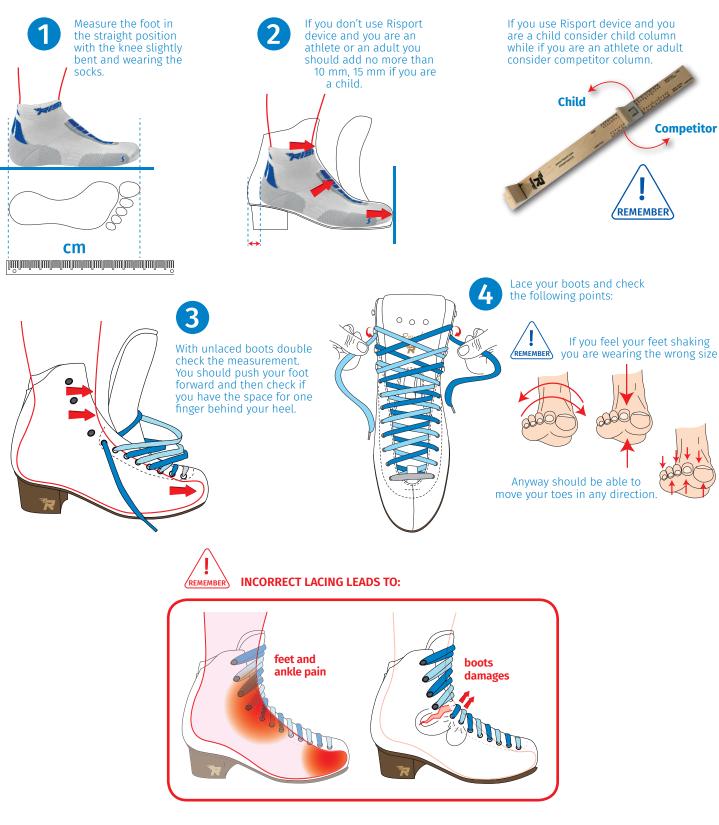
Through the use of natural materials the single layer sole gives the skater more control of their movements during the performance and cushions the energy of the landing. This sole is made of thermoplastic material to reduce weight, the heel is made with ultra light thermoplastic material with a leather cover.

The thermoplastic material reduces the vibrations during the skating and increases the accuracy of blade mounting. Thanks to this, the skater has increased stability.









#### FOOT COMPARISON SIZING CHART

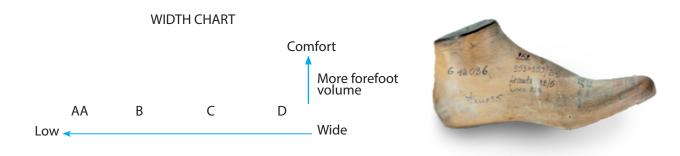
Mondopoint sizes	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305
French-EU sizes	24	25	26	27	28	29	30	31	31,5	32	33	34	34,5	35	36	37	37,5	38	39	40	40,5	41	42	42,5	43	44	45	46
USA MAN							13	13,5	1,5	2	2,5	3	3,5	4-4,5	5	5,5	6	6,5-7	7,5	8	8,5	9	9,5	10	10,5-11	11,5	12	12,5
USA LADY *	8	9	10	11	12	13	13,5	1	2	2,5	3	3,5	4	4,5-5	5,5	6	6,5	7-7,5	8	8,5	9	9,5	10	10,5	11-11,5	12	12,5	13
UK *	7	8	8,5	9,5	10	11	12	12,5	13	13,5	1	1,5	2	2,5	3-3,5	4	4,5	5	5,5	6,5	7	7,5	8	8,5	9	9,5-10	10,5	11,5

\* Junior range



The foot has always been the main focus in Risport skate engineering. The best fit of all fits is our top priority. Thanks to a 3D scanner, Risport performs an accurate analysis of the morphology of the foot and adapts the fit of its skates to the specific needs of consumers.

Risport's "AA", "B" and "C" fits have long become a legend for thousands of professional skaters and skating enthusiasts. Added to the above as the evolution of fit "C", "Comfort" is the result of a 3D analysis and features the same width as its predecessor but an increased volume in the forefoot area. "Comfort" guarantees the highest amount of foot support, which helps keep the quality of performance unchanged for a long time.



### HOW TO MEASURE YOUR WIDTH

The width is important, measure it in the larger point of your foot, in the straight position with the foot slightly relieved. Then compare your width with the chart below. For example if you usually wear size 240 and your width is 21,5 cm you will choose AA.



	WIDTH CHART **															$\frown$													
	Mondopoint sizes	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305
_	AA 🔶	190	192	194	195	197	199	200	202	204	206	208	209	211	213	215	216	218	220	222	223	225	227	229	230	232	234	236	237
	В	200	202	204	205	207	209	210	212	214	216	218	219	221	223	225	226	228	230	232	233	235	237	239	240	242	244	246	247
	C	205	207	209	210	212	214	215	217	219	221	223	224	226	228	229	231	233	235	237	238	240	242	244	245	247	249	250	252
	D	210	212	214	215	217	219	220	222	224	226	228	229	231	233	235	236	238	240	242	243	245	247	249	250	252	254	256	257

If you feel that the width is too large or narrow, remember to check in our catalog if the model you chose is available in other widths.

## CUSTOM MY RISPORT



### Don't forget that our boots are heat moldable.

To achieve a higher level of fit customization, Risport has developed a customization project to enable everyone to custom fit their Risport boots. All the skates manufactured by Risport are heat moldable: thanks to the "Custom My Risport Bag" skaters can warm up their boots homogenously and obtain genuine customization to the shape of their feet!

# CUSTOM MY RISPORT 🔫

### **PROCESS:**

- 1. Choice of the boot and identification of critical points
- 2 · Thermo molding
- 3 Thermo molding analysis

### **YOU WILL NEED**



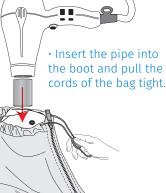




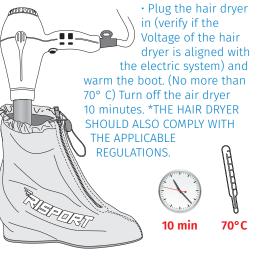
 Tray the boot on and evaluate if the size of the boot is correct. **If not, change the boot**  If is the right size, but you just feel pain in some points, lace up the boot and spot the points of pressure by making simple exercises such as lateral movements, bending, little steps.
 Plug the hair dry in (verify if the



• Unlace the boot and take the foot off the boot, put it in the Risport Custom Bag, and pull the zip up.



ग्रान्ना हो।





• Take off the pipe and the hair dryer, then unzip the bag and take off the boot. • Verify the temperature of the lining is not too high. If the temperature is high, then wait some minutes till the lining feels just warm.



If the temperature is just warm, then wear the boot.
Lace the boot up (average lacing: not too tight nor loose)





Wait till the boot come back to normal temperature. Avoid strong movements while the boot is warm. Check the level of comfort by making simple exercises such as lateral movements, edging, little steps. The boot will custom fit to your foot and you are ready to skate.

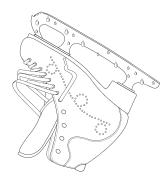


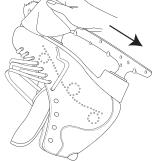
If some pressure point are still present take the boot off and start the process again. (Verify first that the boot are at natural temperature.

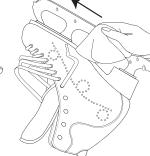


# THOW CARE OF THE BLADE

Is highly recommended to take care of the blades. Their condition may affects your performance.









The most important thing a skater must do is make sure that the blades are wiped down and completely dry after using it. If they do not do this it can lead to rusting. When the blade is completely dry, use skate guards! Make sure your blade guards are in good condition, and replace them when necessary.

**CORRECT USE** with blade guards REMEMBER Do not walk around the rink on their blades without guards. It is very easy to chip or scratch the blades if they step on something WRONG USE The skater should not be required to use anything to clean the blade. As long as the blade is completely dry their shouldn't be any issues. WRONG USE 2 WRONG USE Do not use the blade guards when the blades are wet or dirty **Risport skateguard** When it's time to store blades in your skate bag, put them in the fabric skate guards, this will help you to prevent rust formation and protect the blade while inside your bag.



**Risport skatebag** 

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# HOW TO CARE OF THE BOOTS 🔫

Is highly recommended to clean regularly the upper of your boots to make them last longer and you just need to follow few steps.



After training unlace your boots, with the tongue well loosen, in order to let them dry.



In order to prevent and cover scratches on the upper. Take care of it using Risport cream.



Wipe boots down inside and out because dirt and bacteria ruin the leather and could cause mold.







Spread the cream with a cloth.





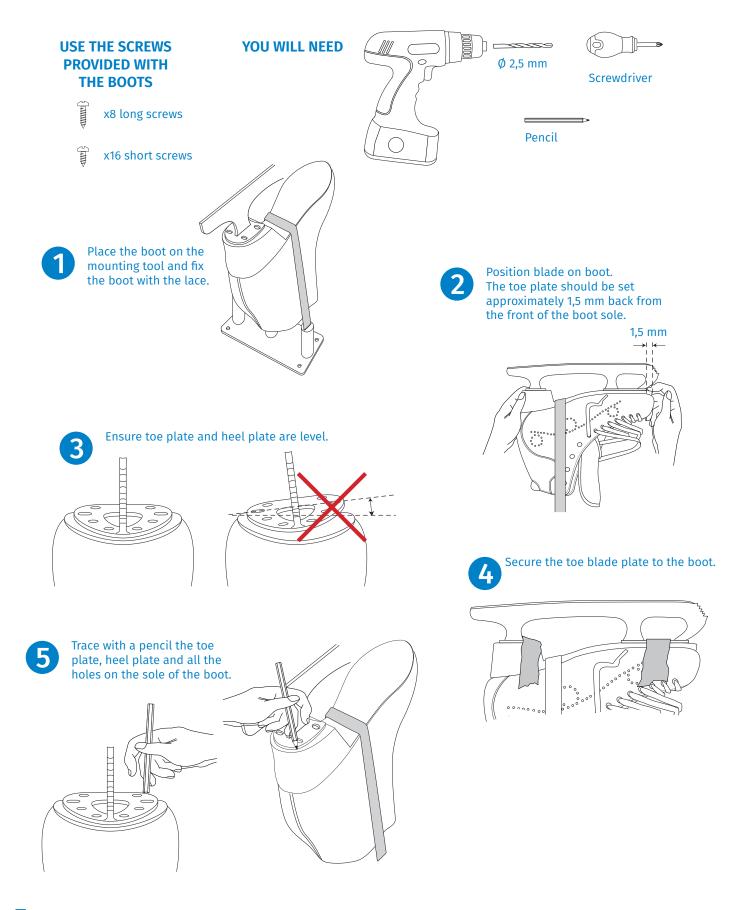
**Risport cleaning and conditioning cream** 

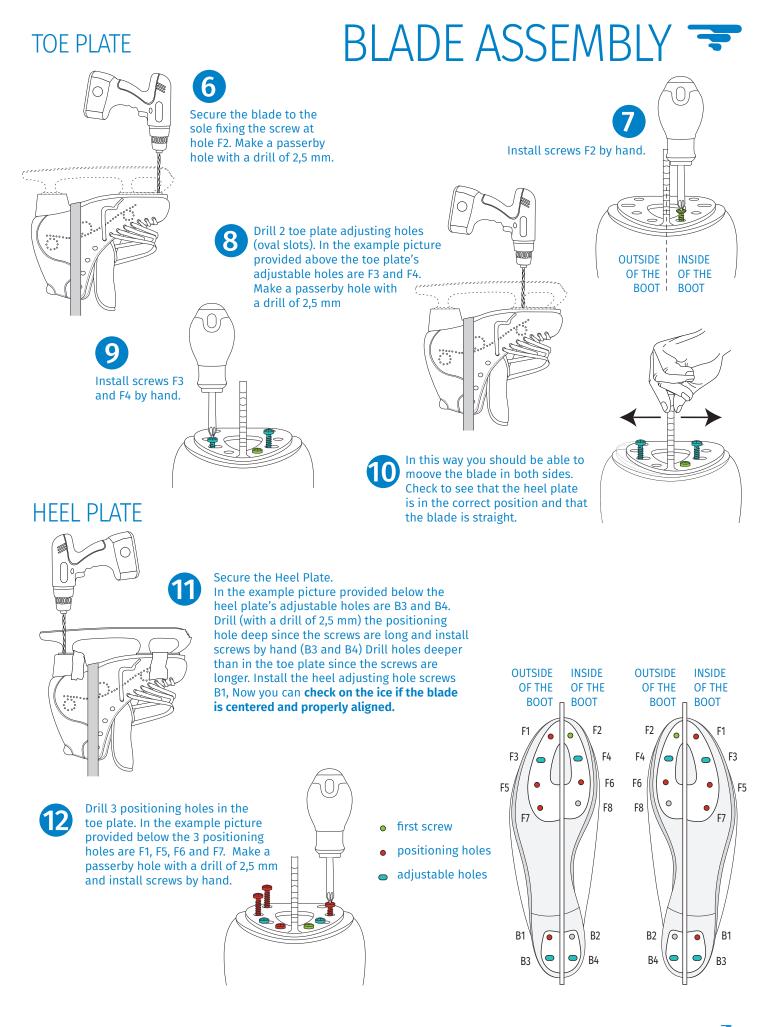


**Risport skatebag** 

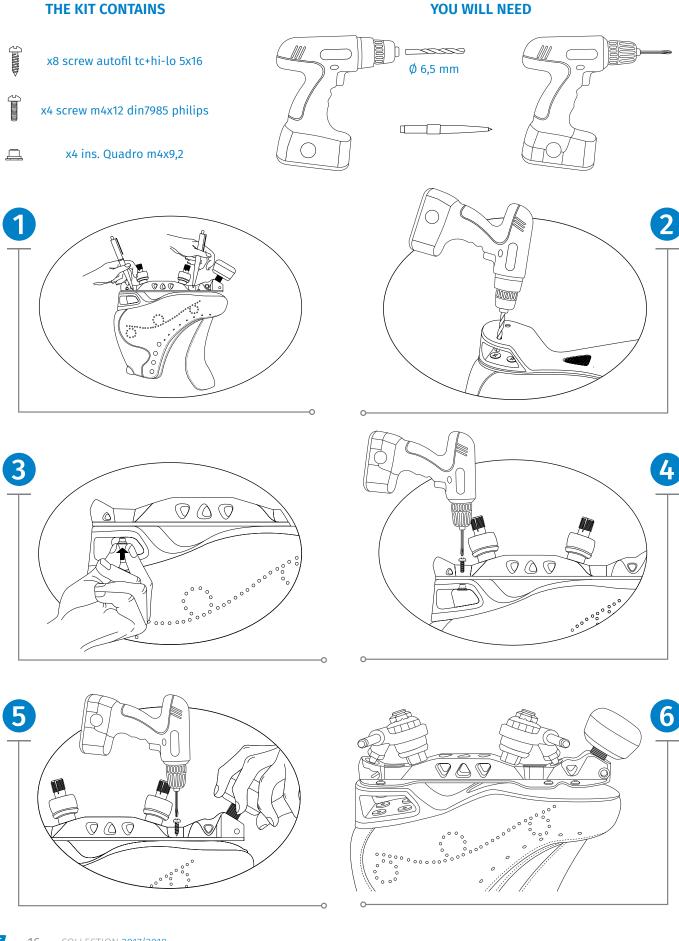


A correct blade assembly allows you to have a better performance





# **ROLLER FRAME MOUNTING INSTRUCTIONS**

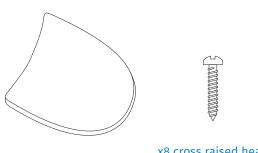


# HEEL RAISER MOUNTING INSTRUCTIONS 🔫

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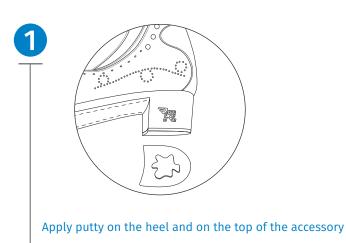
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### **THE KIT CONTAINS**

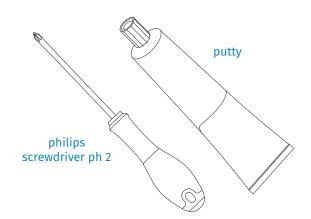


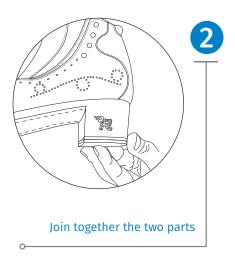
x2 raiser

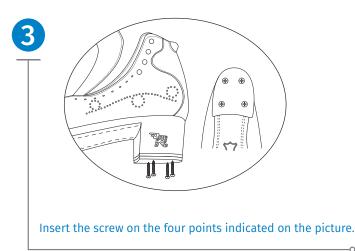
### x8 cross raised head tapping screw 3,5x28



### **YOU WILL NEED**











### FOOT COMPARISON SIZING CHART/TABELLA DI CONVERSIONE TAGLIE PIEDE

Mondopoint sizes	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305
French-EU sizes	24	25	26	27	28	29	30	31	31,5	32	33	34	34,5	35	36	37	37,5	38	39	40	40,5	41	42	42,5	43	44	45	46
USA MAN							13	13,5	1,5	2	2,5	3	3,5	4-4,5	5	5,5	6	6,5-7	7,5	8	8,5	9	9,5	10	10,5-11	11,5	12	12,5
USA LADY *	8	9	10	11	12	13	13,5	1	2	2,5	3	3,5	4	4,5-5	5,5	6	6,5	7-7,5	8	8,5	9	9,5	10	10,5	11-11,5	12	12,5	13
UK *	7	8	8,5	9,5	10	11	12	12,5	13	13,5	1	1,5	2	2,5	3-3,5	4	4,5	5	5,5	6,5	7	7,5	8	8,5	9	9,5-10	10,5	11,5

#### \* Junior range

### WIDTH CHART \*\*

Mondopoint sizes	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305
AA	190	192	194	195	197	199	200	202	204	206	208	209	211	213	215	216	218	220	222	223	225	227	229	230	232	234	236	237
В	200	202	204	205	207	209	210	212	214	216	218	219	221	223	225	226	228	230	232	233	235	237	239	240	242	244	246	247
С	205	207	209	210	212	214	215	217	219	221	223	224	226	228	229	231	233	235	237	238	240	242	244	245	247	249	250	252
D	210	212	214	215	217	219	220	222	224	226	228	229	231	233	235	236	238	240	242	243	245	247	249	250	252	254	256	257

SIZING COMPAF	RISON CH	ART BLAD	DES (1/3) F	OR VENU	S AND AN	ITARES/ 1	TABELLA [	OI CONVEI	RSIONE TA		IE IN TER	zi per <b>ve</b>	NUS E AN	ITARES
Blades-Lame 1\3	6 2/3	7	7 1/3	7 2/3	8	8 1/3	8 2/3	9	9 1/3	10	10 1/3	10 2/3	11	11 1/3
Mondopoint sizes	170-175	180-185	190-195	200-205	210-215	220-225	230-235	240-245	250-255	260-265	270-275	280-285	290-295	300-305

SIZING COMPAR	ISON	CHA	NRT E	BLAD	ES (1	/4) F(	or <b>v</b> i	ENUS	S ANI	D AN	TARE	<b>S/</b> T	ABEL	LA D	I COI	NVER	SION	IE TA	GLIE	LAN	IE IN	QUA	rti p	ER V	ENU	SEA	NTA	RES
Blades-Lame 1\4			7	7	7,25	7,25	7,5	7,5	8	8	8,25	8,5	8,75	8,75	9,25	9,25	9,5	9, 5	10	10	10,25	10,25	10,75	10,75	11	11	11,5	11,5
Mondopoint sizes	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305

SIZING COMPAF TABELLA DI COM												LITE			
Blades-Lame 1\3	6 2/3	7	7 1/3	7 2/3	8	8 1/3	8 2/3	9	9 1\3	9 2\3	10	10 1\3	10 2\3	11	11 1\3
Mondopoint sizes	170-175	180-185	190-195	200	205-210	215-220	225-230	235-240	245	250-255	260-265	270	275-280	285-290	295-300-305

SIZING COMPAF TABELLA DI COM																OLE		
Blades-Lame 1/4	7	7,25	7,5	7,75	8	8,25	8,75	9	9,25	9,5	9,75	10	10,25	10,5	10,75	11	11,25	11,5
Mondopoint sizes	180-185	190-195	200	205	210-215	220-225	230-240	245	250	255	260-265	270-275	280	285	290	295	300	305

SIZING COMPAR TABELLA DI COM									SIVE					
Blades-Lame 1/4	7,75	8	8,25	8,50	8,75	9	9,25	9,5	9,75	10	10,25	10,5	10,75	11
Mondopoint sizes	210	215-220	225	230	235	240-245	250	255	260-265	270	275-280	285	290-295	300-305

#### CHART FOR ROLL LINE VARIANT / MARINER CUP / MISTRAL /SATURNO / SPIN / DANCE

Plates sizes		9	0			100		11	10	12	20	1	30	14	40	18	50	16	60	17	70	- 18	80	- 19	90	20	00
Boots sizes	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305

#### CHART FOR ROLL LINE GIOTTO / ENERGY STEEL / ENERGY / MATRIX STEEL / MATRIX / EVO

Plates sizes	130	135	14	40	145	150	155	160	165	170	175	180	19	90	20	00
Boots sizes	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305

### CHART FOR ROLL LINE MIRAGE II

Plates sizes		100			11				20		30	14	40	1	50	16	50	17	70
Boots sizes	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285

\* Those indicated above are indicative measures, we always recommend you to try the boots first. Quelle indicate qui sopra sono misure indicative, consigliamo sempre di provare prima il pattino.

\*\* If your width is between two numbers in the table above , we recommend you to choose the smaller one (eg: if your foot width is 19,6 cm, consider 19,55 cm). Se la tua larghezza è compresa tra due numeri della tabella, consigliamo di scegliere la larghezza inferiore (es: se la larghezza del tuo piede è di 19,6 cm, considera 19,55 cm).

\*\*\* Remember to wear socks when you measure your foot.

Ricordiamo di indossare il calzino durante le misurazioni del piede.





							UPPER LINING						SOLE					CUF ROF	F		OTHER										
	MODEL	COLOURS	SIZES	WIDTH	SPORT	DISCIPLINES	LEATHER	MICROFIBER	MICROFIBER WITH TECH FABRIC	SYNTHETIC	MICROFIBER WITH ALOE	MICROFIBER	3D FABRIC	FABRIC	SINGLE LAYER	THERMOPLASTIC W/LEATHER INSERT	THERMOPLASTIC THEBMODI ASTIC WI/AID EVETEM	THERMOPLASTIC WAIK 313 LEM	ULTRA PADDED	ALL AROUND	PADDED ALL AROUND	LIGHTWEIGHT MATERIALS	AIR FLOW SYSTEM	ANGLED-SOLE	HEAT MOLDABLE	SOFTER LACING ZONE	SPECIAL REINFORCEMENTS	ANATOMICAL PROFILE	VEGAN	STIFFNESS	PAGES
ICE	ROYAL EXCLUSIVE	black white	230-305 210-280	ВC	ICE ROLLER	figures freestyle 3-4													•			•				•	•			90	16
	ROYAL ELITE	black white pearl	230-305 210-280	AA B C	ICE ROLLER	figures freestyle 3-4		•			-				-				-			•	-				•	-		90	17
	ROYAL PRO	black white	210-305 200-280	AA B C	ICE ROLLER	freestyle 2-3 coach																								65	18
	RF1 EXCLUSIVE	black white	230-305 220-280	AA B C	ICE	freestyle 3-4					-								•											90	19
	RF1 ELITE	black white	230-305 220-280	AA B C	ICE	freestyle 3-4	-				-				-				•								•			90	20
	RF3 PRO	black white	230-305 200-280	AA B C	ICE ROLLER	figures freestyle 2-3	-												•					•		•	•			60	21
	ELECTRA LIGHT	black white	210-305 180-290	COMFORT	ICE	freestyle 2							-		-					•										45	22
	ANTARES	black white	170-295 170-290	COMFORT	ICE ROLLER	freestyle 1	-						1			1														30	23
	VENUS	white	170-280	COMFORT	ICE ROLLER	freestyle 1				-			I			1														20	24
DANCE	DANCE ELITE	black white pearl	230-305 230-280	С	ICE ROLLER	dance coach					-								•											65	28
	TURCHESE	black pearl	220-290 210-280	C	ICE ROLLER	dance show - synchro coach																								35	29
ROLLER	MERCURIO	black white	245-305 225-280	C	ROLLER	figures freestyle 2-3																•							•	65	32
	AMBRA ELITE	black pearl	230-305 210-290	C	ROLLER	figures freestyle 2-3 show - synchro	-						1	-								•				•	•			60	33
	AMBRA PRO	black pearl	230-305 210-290	C	ROLLER	figures freestyle 2 show - synchro	-																				•			40	34
	GIADA	black pearl	220-295 210-280	COMFORT	ROLLER	freestyle 1	-							•																35	35

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