

Mas 050 Inox

DATA SHEET

The **Mas 050 Inox** standard combination is made up of:

13 solid beech treads

13 steel supports

railing with vertical balusters and stainless steel bars for the internal side

Wood shades

bleached, light walnut, slate black and natural



Steel colours

embossed white 9010, embossed black 9005 and iron grey

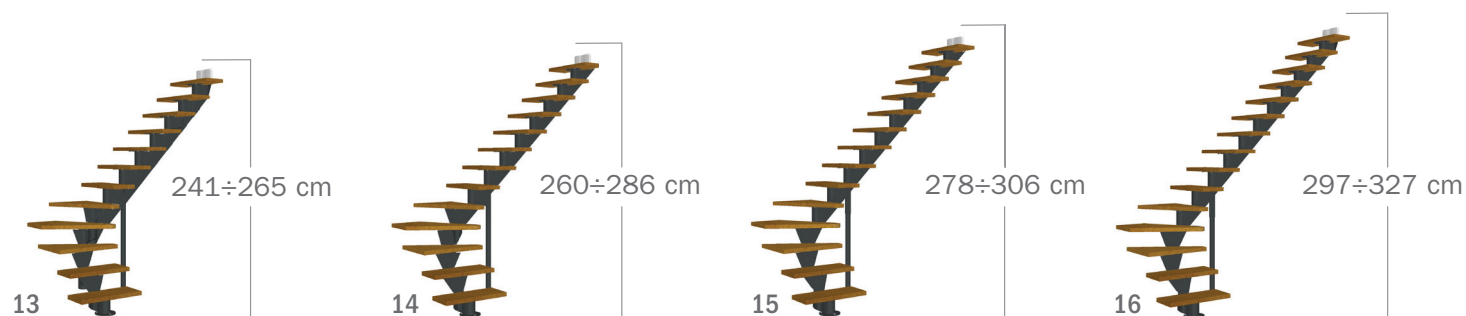


Table 1

				SUPPLEMENTARY ITEMS
	STAIRCASE HEIGHT IN CM	TREADS	RISES	TREADS
INCREASE	from 297 to 327	15	16	+ 2
	from 278 to 306	14	15	+ 1
STANDARD	from 260 to 286	13	14	13 TREADS + 13 SUPPORTS + RAILING WITH STEEL BARS
DECREASE	from 241 to 265	12	13	-
	from 223 to 245	11	12	-
	from 204 to 224	10	11	-
	from 186 to 204	9	10	-



RISE ADJUSTABLE FROM 18,5 TO 20,5 CM



SUPPLEMENTARY ITEMS OVERVIEW



SUPPLEMENTARY BALUSTRADE

It is necessary to protect the opening on the upper floor (fig. 1).

It is made up of modular 120 cm modules comprising 5 balusters, handrail, bars and fixings.

TYPES OF OPENINGS AND BALUSTRADES

no opening

fig. 1



SUPPLEMENTARY TREADS

To reach a staircase height of 327 cm, you must purchase one or more supplementary treads composed of structure, tread and balusters (Table 1).

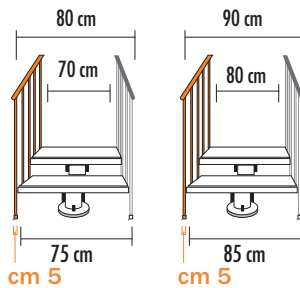
RISER BAR

Allows to reduce the space between treads to prevent children from falling.



EXTERNAL RAILING

The supplementary external railing, which is made up of 4 balusters, handrail, bars and fixings, is used as protection if the external side of the staircase is distant from the wall. The railing increases the dimension of the staircase by 5 cm.



ROTATION

The direction of rotation can be decided during installation.

SUPPLEMENTARY PROTECTION PANEL

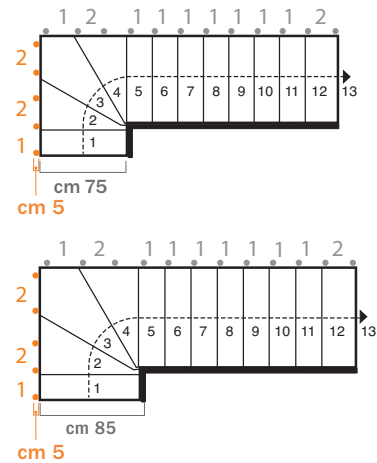
This safety accessory can be applied to balustrades with horizontal elements to prevent children from climbing over them. It consists of a transparent shockproof polycarbonate panel 36 cm high and 68 cm long, which can be shortened lengthwise during the installation phase. The brackets are made of transparent polycarbonate. The following table can be used to calculate the number of elements to be ordered:

BALUSTRADE LENGTH IN CM	QUANTITY
from 0 to 120	2
from 121 to 180	3
from 181 to 236	4
from 237 to 292	5
from 293 to 348	6
from 349 to 404	7
from 405 to 460	8
from 461 to 516	9

EXTERNAL RAILING (75/85)

It is possible to count the number of balusters necessary on the outside of the staircase.

The balusters are represented by the dots on the external side.



Example: if you decide to apply the external railing only on the outside of the staircase, you must sum the quantity of balusters:

$$1+2+2 = 5.$$

You will therefore need to order 2 supplementary external railings.

How to choose your staircase

The suggested ceiling openings must be at least as wide as the staircase minus two treads.

The goings measure:

- from 22,5 to 25 cm for the 75 cm and 85 cm widths

The plans indicate the maximum and minimum dimensions of all the configurations which are possible with Mas 050 Inox at 1/4 of a turn (L), 2/4 of a turn (U) and straight (I).





Is there an existing opening?

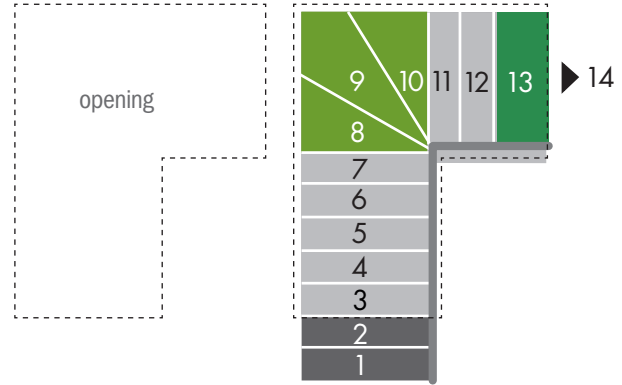
Amongst the plans, find one which is smaller than the dimensions of the ceiling openings. Keep in mind that the ceiling aperture must be at least as wide as the staircase minus two treads. Remember if it is a model with a width of 75 cm, or one with a width of 85 cm, when choosing any necessary supplementary items.

Do you still have to make the opening?

Amongst the plans, find the one which is best suited to your stairwell: the ceiling opening must be at least as wide as the staircase minus two treads. Remember if it is a model with a width of 75 cm, or one with a width of 85 cm, when choosing any necessary supplementary items.

Legend:

-  first two treads outside the opening in the floor
-  treads adjustable in going
-  curve treads
-  final tread



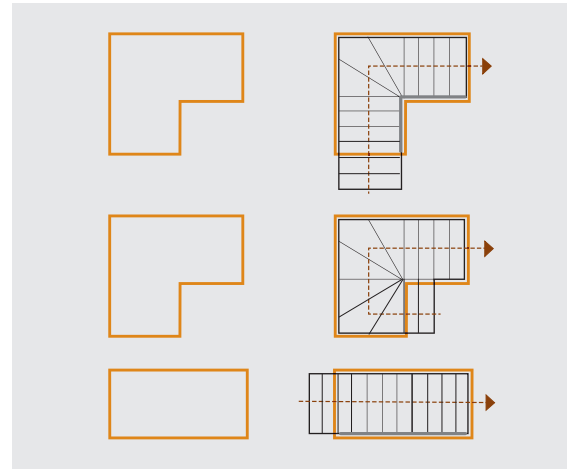
L-configuration



U-configuration



I-configuration

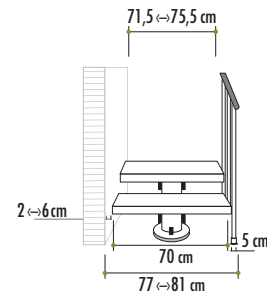
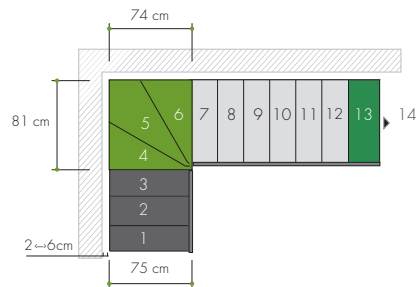


Type of opening

75

Going regulation:

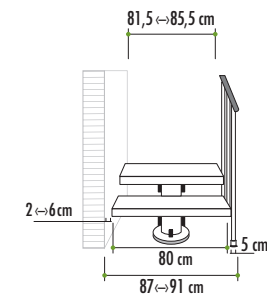
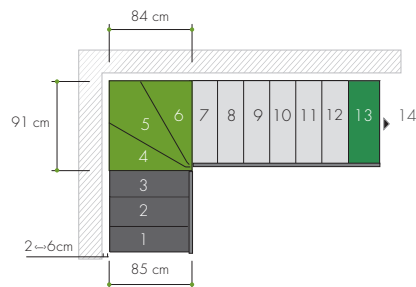
-  from 22,5 to 25 cm adjustable
-  32 cm fixed



85

Going regulation:

-  from 22,5 to 25 cm adjustable
-  32 cm fixed



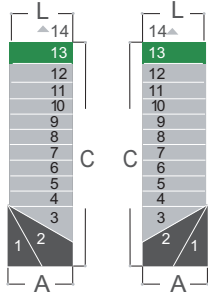
How to choose your staircase

The dimensions indicated in the following I, L and U configurations include the minimum distance of 2 cm to be left from any wall.

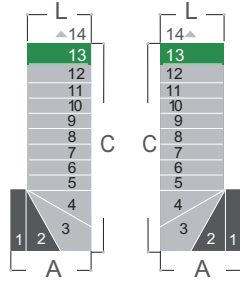
Legend:

- first two treads outside the opening in the floor
- treads adjustable in going
- final tread

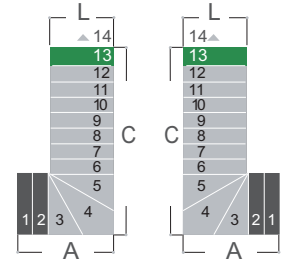
75 L - 85 L



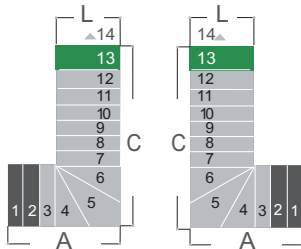
L (cm)	A (cm)	C (cm)
77	83	311-333
87	93	321-343



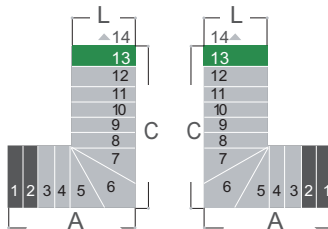
L (cm)	A (cm)	C (cm)
77	106-108	288-308
87	116-118	298-318



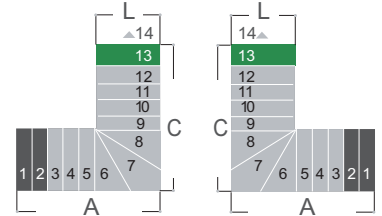
L (cm)	A (cm)	C (cm)
77	128-133	266-283
87	138-143	276-293



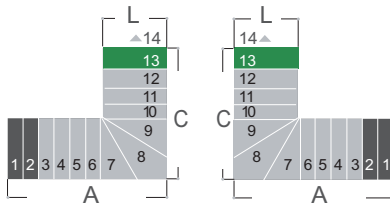
L (cm)	A (cm)	C (cm)
77	151-158	243-258
87	161-168	253-268



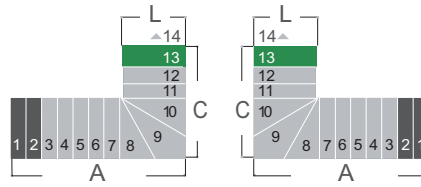
L (cm)	A (cm)	C (cm)
77	173-183	221-233
87	183-193	231-243



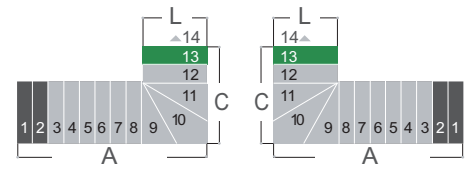
L (cm)	A (cm)	C (cm)
77	196-208	198-208
87	206-218	208-218



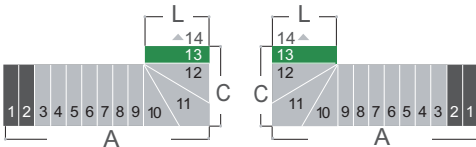
L (cm)	A (cm)	C (cm)
77	218-233	176-183
87	228-243	186-193



L (cm)	A (cm)	C (cm)
77	241-258	153-158
87	251-268	163-168

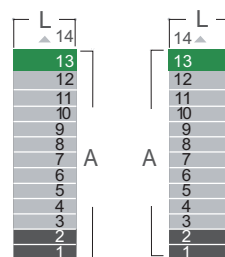


L (cm)	A (cm)	C (cm)
77	263-283	131-133
87	273-293	141-143



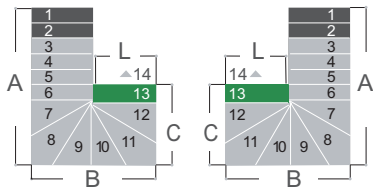
L (cm)	A (cm)	C (cm)
77	286-308	108
87	296-318	118

75 I - 85 I

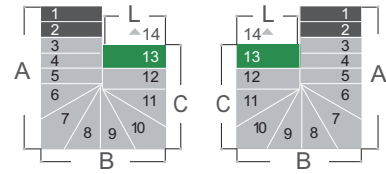


L (cm)	A (cm)
77	302-332
87	302-332

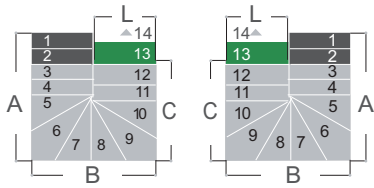
75 U - 85 U



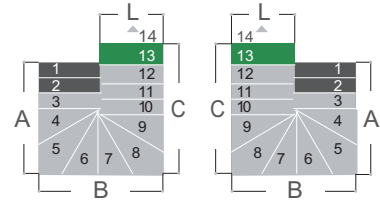
L (cm)	A (cm)	B (cm)	C (cm)
77	218-233	159	108
87	228-243	179	118



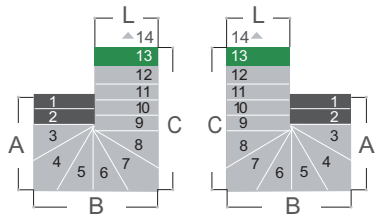
L (cm)	A (cm)	B (cm)	C (cm)
77	196-208	159	131-133
87	206-218	179	141-143



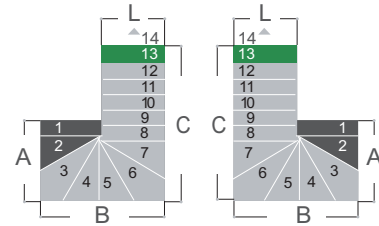
L (cm)	A (cm)	B (cm)	C (cm)
77	173-183	159	153-158
87	183-193	179	163-168



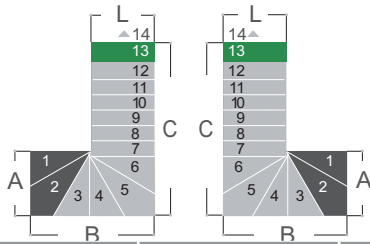
L (cm)	A (cm)	B (cm)	C (cm)
77	151-158	159	176-183
87	161-168	179	186-193



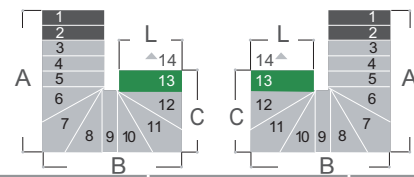
L (cm)	A (cm)	B (cm)	C (cm)
77	128-133	159	198-208
87	138-143	179	208-218



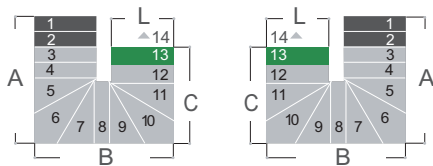
L (cm)	A (cm)	B (cm)	C (cm)
77	106-108	159	221-233
87	116-118	179	231-243



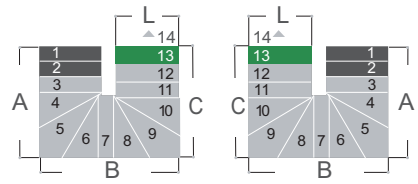
L (cm)	A (cm)	B (cm)	C (cm)
77	83	159	243-258
87	93	179	253-268



L (cm)	A (cm)	B (cm)	C (cm)
77	196-208	182-184	108
87	206-218	202-204	118

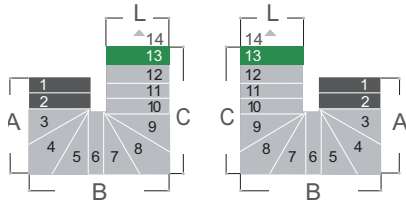


L (cm)	A (cm)	B (cm)	C (cm)
77	173-183	182-184	131-133
87	183-193	202-204	141-143

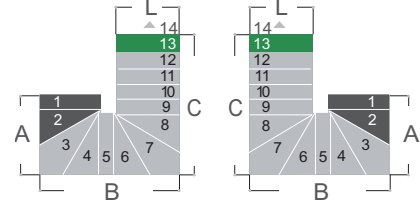


L (cm)	A (cm)	B (cm)	C (cm)
77	151-158	182-184	153-158
87	161-168	202-204	163-168

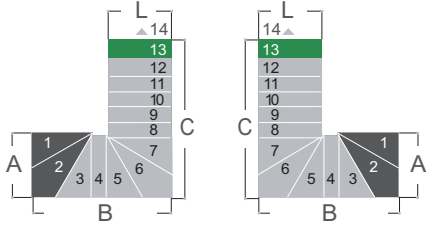
75 U - 85 U



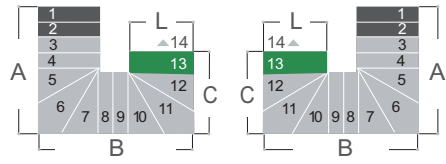
L (cm)	A (cm)	B (cm)	C (cm)
77	128-133	182-184	176-183
87	138-143	202-204	186-193



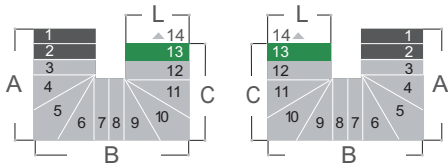
L (cm)	A (cm)	B (cm)	C (cm)
77	106-108	182-184	198-208
87	116-118	202-204	208-218



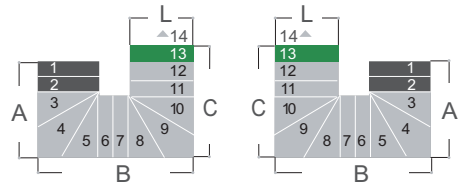
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87	93	202-204	231-243



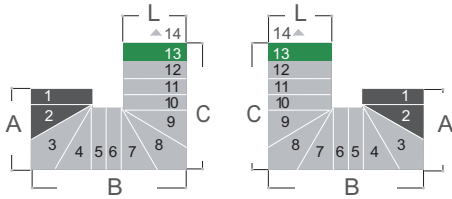
L (cm)	A (cm)	B (cm)	C (cm)
77	173-183	204-209	108
87	183-193	224-229	118



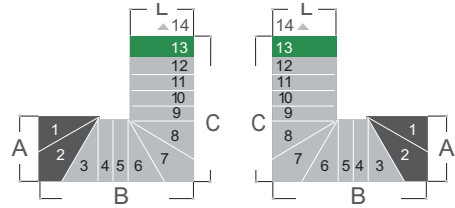
L (cm)	A (cm)	B (cm)	C (cm)
77	151-158	204-209	131-133
87	161-168	224-229	141-143



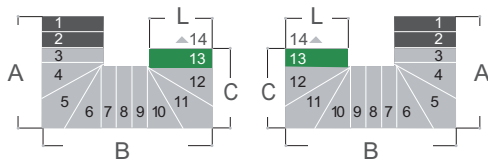
L (cm)	A (cm)	B (cm)	C (cm)
77	128-133	204-209	153-158
87	138-143	224-229	163-168



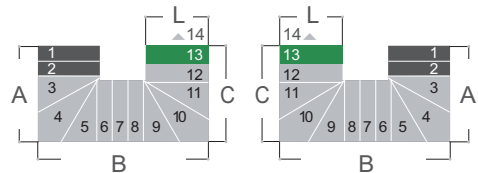
L (cm)	A (cm)	B (cm)	C (cm)
77	106-108	204-209	176-183
87	116-118	224-229	186-193



L (cm)	A (cm)	B (cm)	C (cm)
77	83	204-209	198-208
87	93	224-229	208-218

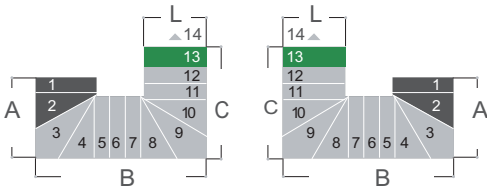


L (cm)	A (cm)	B (cm)	C (cm)
77	151-158	227-234	108
87	161-168	247-254	118

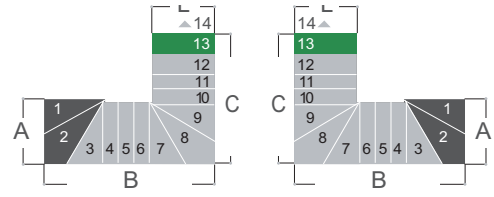


L (cm)	A (cm)	B (cm)	C (cm)
77	128-133	227-234	131-133
87	138-143	247-254	141-143

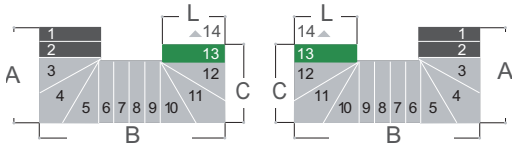
75 U - 85 U



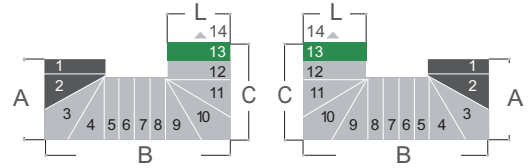
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77	106-108	227-234	153-158
87	116-118	247-254	163-168



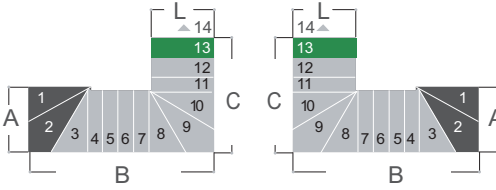
L (cm)	A (cm)	B (cm)	C (cm)
77	83	227-234	176-183
87	93	247-254	186-193



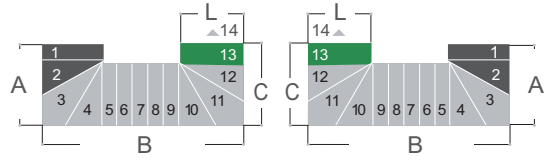
L (cm)	A (cm)	B (cm)	C (cm)
77	128-133	249-259	108
87	138-143	269-279	118



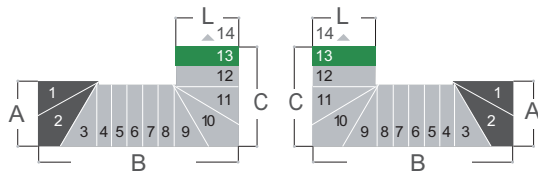
L (cm)	A (cm)	B (cm)	C (cm)
77	106-108	249-259	131-133
87	116-118	269-279	141-143



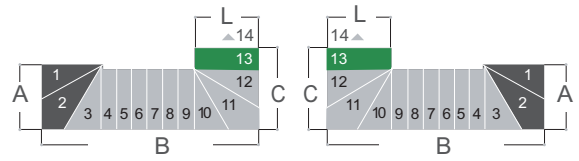
L (cm)	A (cm)	B (cm)	C (cm)
77	83	249-259	153-158
87	93	269-279	163-168



L (cm)	A (cm)	B (cm)	C (cm)
77	106-108	272-284	108
87	116-118	292-304	118



L (cm)	A (cm)	B (cm)	C (cm)
77	83	272-284	131-133
87	93	292-304	141-143



L (cm)	A (cm)	B (cm)	C (cm)
77	83	294-309	108
87	93	314-329	118