

Бетонные колодцы DN 1000

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

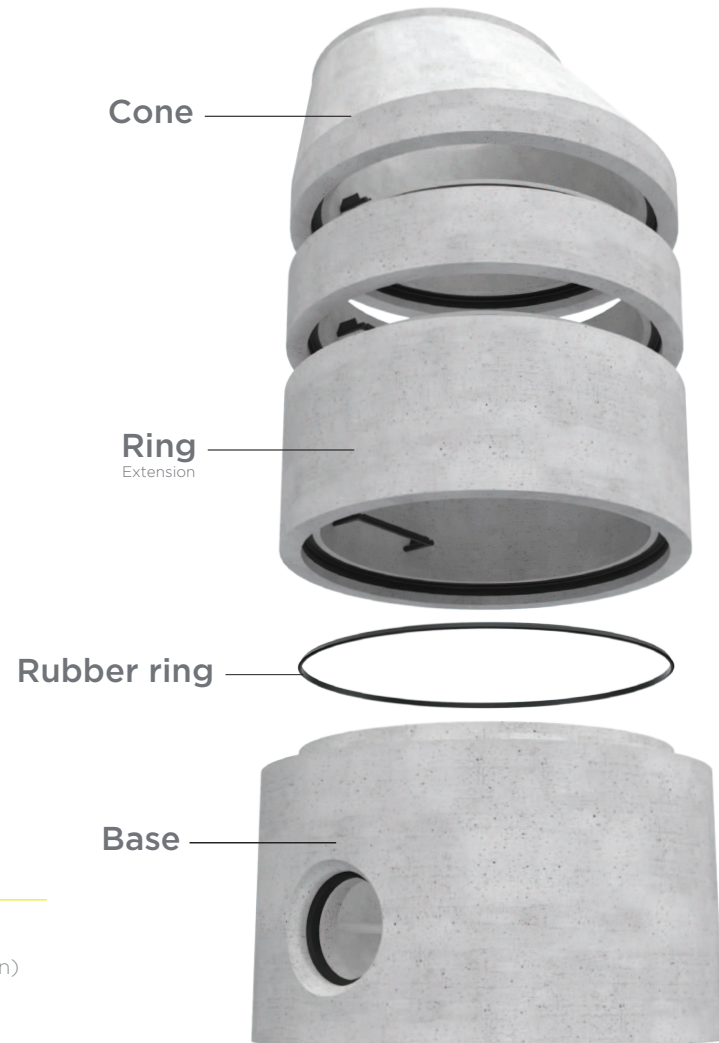
Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

почта: pad@nt-rt.ru || сайт: <https://pestan.nt-rt.ru/>

CONCRETE MANHOLES

Pest concrete manhole is produced from the best quality concrete by high strength method vibro pressing and SCC method (Self Compacting Concrete). The concrete manhole is used for implementation of fecal and storm sewerage. They are used in infrastructural construction of industrial areas, but also in communal construction in settlements. All manholes are produced by project plans. Concrete manholes are according to requirements of project composed of different assembly elements, and different shape of the entrance and exit openings.



ELEMENTS

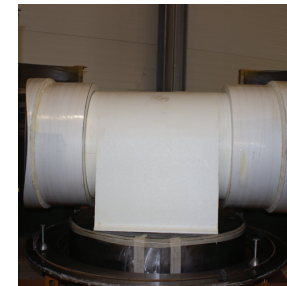
The elements used to complete the manhole are the manhole base, the extension (extension) and the conical end.

PRODUCTION PROCESS

By improving the technology and using a special smart solution for the individual shaping of the kinete and pipe connection during the production of concrete bases, it is possible to respond to the requirements of the most complex projects. Due to the individual approach in the production process of concrete bases, we can produce a configuration of connectors and kinets at the request of the investor or customer



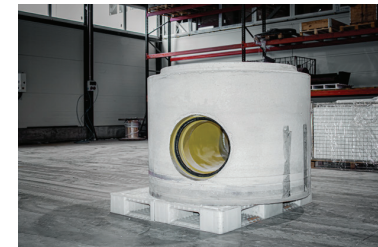
Production of kinete models and connections to base are being done on CNC machines by production of negative body by cutting custom extruded polystyrene which enables the modeling of concrete bases. Slow and undesirable retention of waste water in the channel kinetes are avoided by constant drop in the entire course of the channel, including the connection of the pipe and the manhole kinet



Production process of concrete manholes is completely aligned with EN 1917 - European standard for concrete manholes. They are produced by vibro-pressing of high quality concrete C30/37. Brand of concrete from which elements of manholes are produced is MB40.

- In production we use CEM1 52.5R without additives with latent hydraulic properties.
- We use economic separated aggregates without admixtures, stone filler.
- We use additives to improve the compactness of concrete.
- Aerant to increase resistance to the effects of atmospheric influences.
- Chemical additive to reduce water absorption.

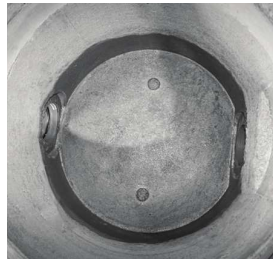
After the steel formwork is filled and the concrete hardens, the concrete base the shaft is removed from the formwork and prepared for transport to the construction site. The most modern concrete technology contributes to a long life elements. Signs of aging and wear of elements are reduced to a minimum.



TYPES OF BASES

We produce 3 main types of bases:

1. FLAT BOTTOM BASE WITH RUBBER RING **BETO**



Wall thickness of the base is 150mm-230mm depending on the dimensions of input and output connector.

Height of the base 500mm-1000mm

We produce concrete manholes in dimension of 1000mm

2. KINET BOTTOM BASE AND RUBBER RING **BETO PLUS**



3. LINER BASE **BETO PRO**



For easier handling and manipulation on the construction site, we install in bases special handles for hanging and carrying the base



There are several types of kinete:

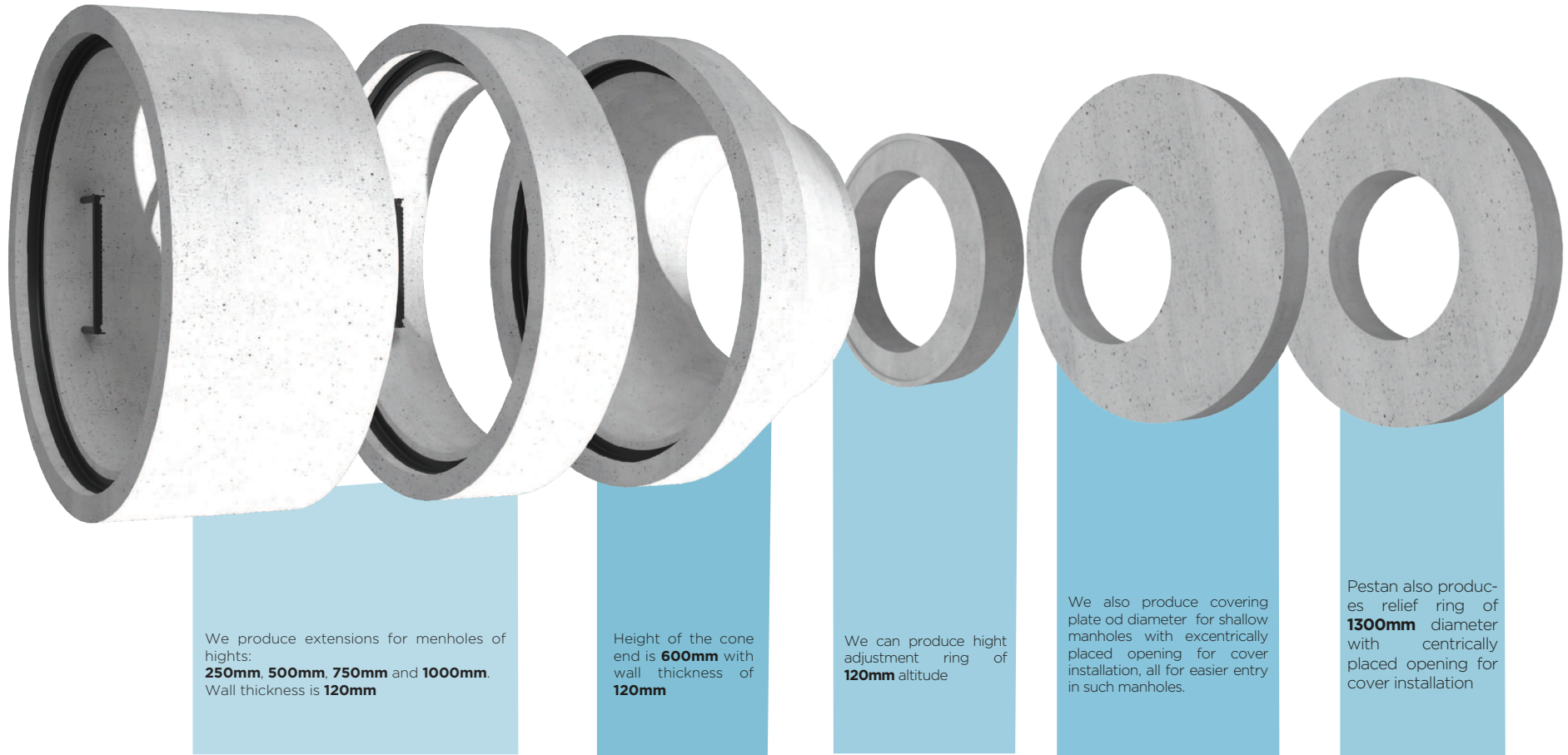
- **TRANSITORY**
- **COLLECTIVE**
- **KINETA ON REQUEST IN ACCORDANCE WITH TECHNICAL POSSIBILITIES**

Pass-through bases are made in vibro-pressed concrete technology for connections up to Ø250. Collector bases and Pass-through bases with connections from Ø315 to Ø630 are made using the SCC method (casting method).

TECHNICAL DATA

DESCRIPTION (DN 1000)	MM
Internal diameter of base	1000
Base height	500 - 1000
Wall thickness for connections up to DN 315	150
Wall thickness for connections up to DN 400	170
Wall thickness for connections up to DN 500	190
Wall thickness for connections up to DN 630	230
Dimension of pipe connections for smooth pipes	110 - 630
Dimensions of pipe connections for ribbed pipes	160 - 400
Wall thickness of extensions and tapered end	120
The height of the tapered end	600

CONCRETE MANHOLE ELEMENTS



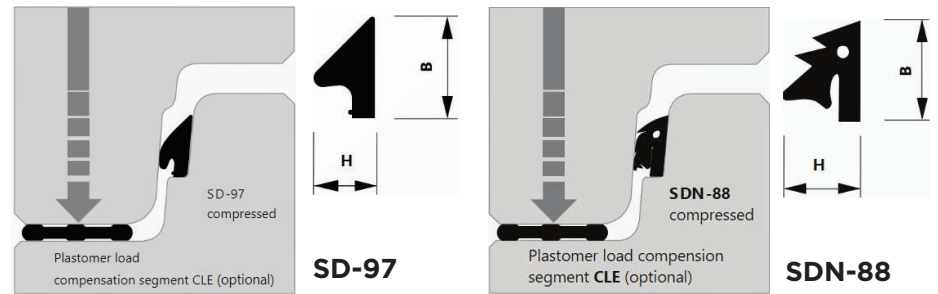
RUBBER SEALS



All concrete manholes are equipped with rubber seals and are watertight.

Sealing between concrete elements is achieved by subsequent mounting rubber bands on the upper part of the base or extensions.

Connection pieces can be used (transition pieces) for pipes with integrated rubber bands (corrugated-ribbed pipes).



subsequent mounting of rubber bands on the upper part of the base or extensions.

All fittings are used with integrated rubber rings. These integrated seals are poured together with the kinet and thus form a solid connection. Such joints are used for joints with smooth pipes (PVC, PP STRONG, PEHD, ...)

Connection pieces (transition pieces) can be used for pipes with integrated rubber bands (corrugated-ribbed pipes).



Integrated rubber rings



Direct smooth pipe connection



Reducer connection



Corrugated pipe connection

CLIMBING FRAMES

Climbing frames in manholes are made of solid steel, covered with non-slip material with a layer of polyethylene, completely and permanently protected from corrosion, as per EN 13101. Climbers are cast in the production process ensuring greater safety and less assembly time on the construction site.



ELEMENTS OF REVISION WINDOW

Base of revision window with connectors for pipes with integrated rubber bends

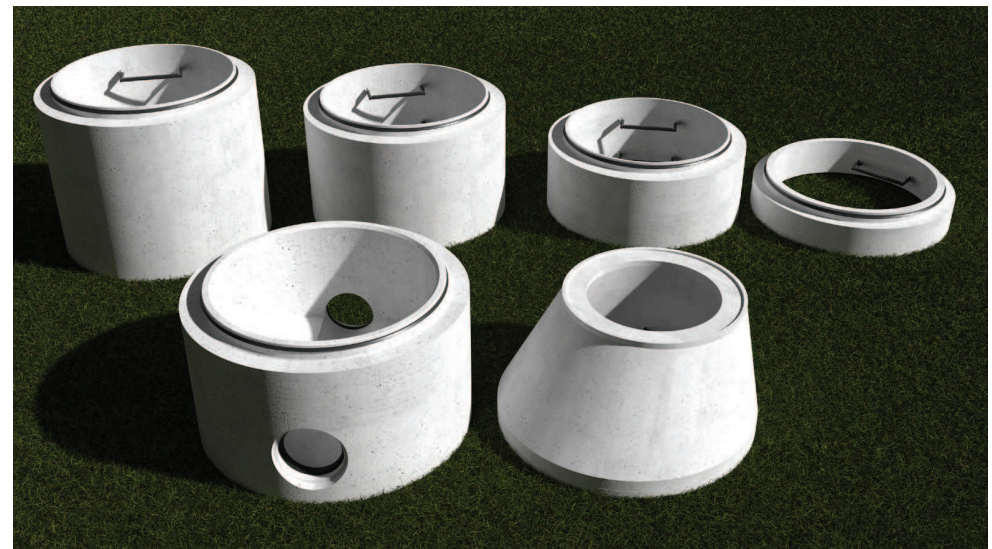
Extension of revision window

Height adjustment ring

Cone - final element of the inspection window with an integrated seal for waterproofing

Climbing frames covered with non-slip material

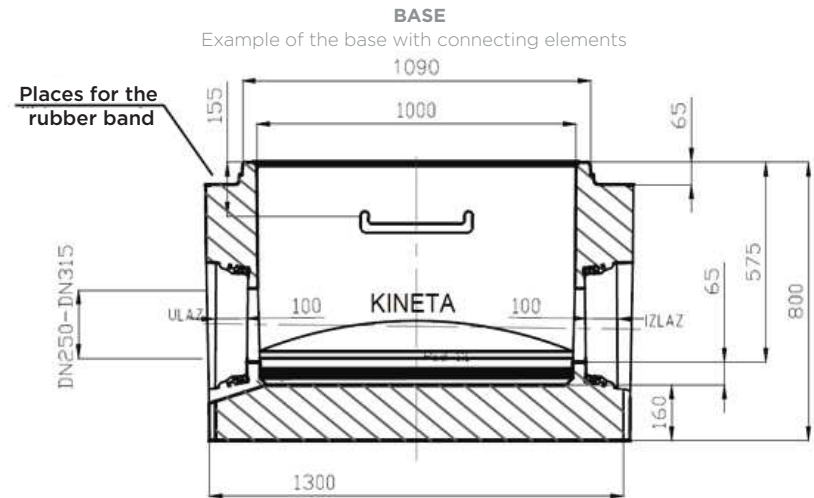
Rubber seals for waterproofing



Particular attention must be paid to the mutual joining of elements if you want to make the joints waterproof.

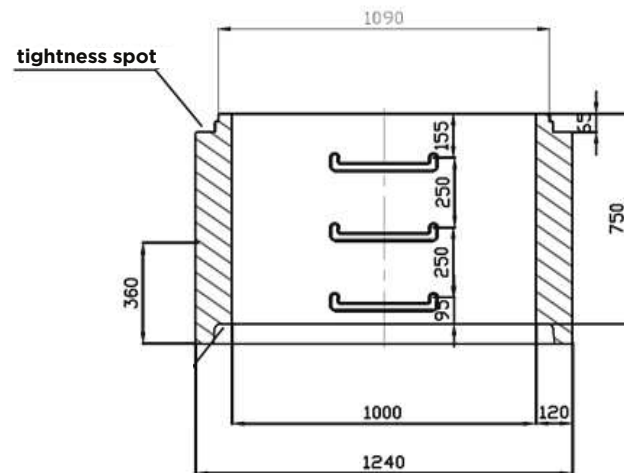
All elements are connected exclusively and strictly vertically one on top of the other, during which it is necessary to keep a strict account so that it does not come to mutual bending of the elements.

In this way, it is achieved that the rubber which is subsequently mounted on the upper surface of the lower element, and before lowering the upper element, fill its own role completely and achieve a 100% of watertight joint.



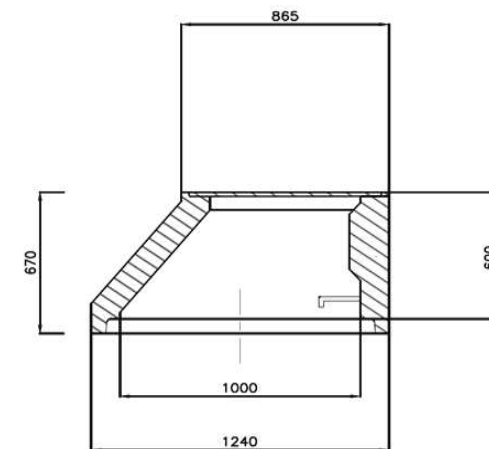
EXTENSION OF REVISION WINDOW

Example of 750mm height



CONE

End part of the revision window



CONCRETE MANHOLES

Peštan concrete manhole is produced from the best quality concrete by high strength method vibro pressing and SCC method (Self Compacting Concrete).

The concrete manhole is used for implementation of fecal and storm sewerage. They are used in infrastructural construction of industrial areas, but also in communal construction in settlements.

All manholes are produced by project plans. Concrete manholes are according to requirements of project the entrance and exit openings.

PRODUCTS



VIBRO PRESSED
BASE



VIBRO PRESSED
BASE



BASE



CONE



CLIMBING FRAMES



RUBBER RING



RING



RING

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

почта: pad@nt-rt.ru || сайт: <https://pestan.nt-rt.ru/>