PRODUCT CATALOG OF TIBTEXNIKA LLC

tibtexnika

2026

tibtexnika

ABOUT THE COMPANY

Limited Liability Company TIBTEXNIKA is a company with a half-century history of success. Our primary mission is to supply medical institutions with high-quality products and equipment. Over the years, we have established ourselves as a **reliable partner** in the field of medicine, continuously evolving and improving our products.

In 2017, after five years of research and market analysis, the company's management initiated an **ambitious project** to establish its own production facility in the city of **Bukhara.** We focused on the manufacturing of **high-tech coronary stents** and **endovascular instruments**, significantly enhancing the quality of our products.

Today, **TIBTEXNIKA LLC** is one of the leaders in medical device manufacturing in Uzbekistan. We utilize modern equipment and materials that meet international standards such as **ISO 9001:2015** and **ISO 13485:2016**. Every stage of production, from development to final testing, is under the strict supervision of highly qualified specialists, ensuring the highest level of safety and product effectiveness.

We produce a wide range of medical devices, including drug-eluting coronary stents, PTCA balloons, introducers, coronary guidewires, diagnostic catheters, and other products. Our products have **earned recognition for their reliability and quality,** enabling us to build long-term partnerships with medical institutions.

Our primary goal is to improve the quality of life and health by offering medical institutions modern and safe solutions.

We invite you to explore the products of TIBTEXNIKA LLC which will guarantee quality and reliability for your medical institution.

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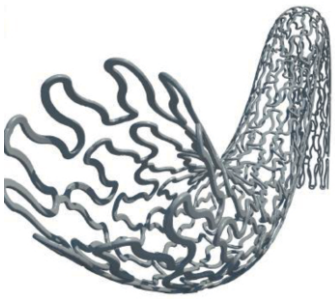
Content

SINOTECH+ Coronary stents with Sirolimus and Everolimus Drug Coating



SINOTECH+ Coronary Stents with Sirolimus and Everolimus are high-tech stents designed to restore coronary patency. The cobalt-chromium base and drug coating effectively reduce the risk of restenosis by preventing smooth muscle cell hyperplasia

Material: Stents made from cobalt-chromium alloy (Co-Cr) offer high strength, corrosion resistance, and excellent biocompatibility, reducing the risk of complications.

Wall Thickness: 70 µm, making SINOTECH+ stents among the thinnest available. Thin walls improve flexibility and maneuverability while minimizing vascular trauma.

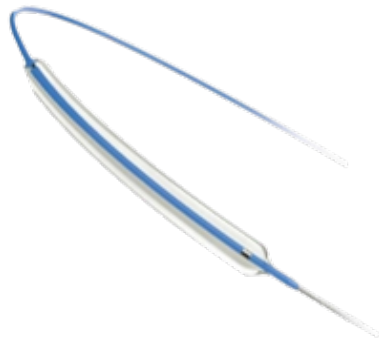
Design: Waved open-cell structure ensures uniform expansion and stent adaptation to arterial bends, reducing the risk of deformation.

Drug Coating: Sirolimus and Everolimus prevent cell hyperplasia, lowering the risk of restenosis and repeat interventions.

Ordering Information for SINOTECH+ Coronary Stents with Sirolimus and Everolimus Drug Coatings

Stent Diameter (mm)	Stent Length (mm)							
	8	12	18	24	28	34	38	42
2,25	DES-225-08	DES-225-12	DES-225-18	DES-225-24	DES-225-28	DES-225-34	DES-225-38	DES-225-42
2,50	DES-250-08	DES-250-12	DES-250-18	DES-250-24	DES-250-28	DES-250-34	DES-250-38	DES-250-42
2,75	DES-275-08	DES-275-12	DES-275-18	DES-275-24	DES-275-28	DES-275-34	DES-275-38	DES-275-42
3,00	DES-300-08	DES-300-12	DES-300-18	DES-300-24	DES-300-28	DES-300-34	DES-300-38	DES-300-42
3,50	DES-350-08	DES-350-12	DES-350-18	DES-350-24	DES-350-28	DES-350-34	DES-350-38	DES-350-42
4,00	DES-400-08	DES-400-12	DES-400-18	DES-400-24	DES-400-28	DES-400-34	DES-400-38	DES-400-42

PTCA Coronary Balloons SB+



PTCA Coronary Balloons SB+ are designed for the dilation of stenosed coronary arteries affected by atherosclerosis as part of the percutaneous transluminal coronary angioplasty (PTCA) procedure, aimed at restoring blood flow and deploying stents after their placement

The balloon at the **distal end** of the catheter is equipped with **radiopaque markers** for precise positioning visualization.

The **proximal adapter** includes a port for balloon inflation and markings indicating the nominal **diameter and length**, aiding specialists in selecting the appropriate size.

Additional markers on the proximal shaft enable physicians to monitor the balloon's position within the artery.

Ordering Information for PTCA Coronary Balloons SB+

Catheter Diameter (mm)	Catheter Length (mm)												
	10	12	15	18	20	22	24	25	27	30	32	35	40
1.25	SB-125-10	SB-125-12	SB-125-15	SB-125-18	SB-125-20	SB-125-22	SB-125-24	SB-125-25	SB-125-27	SB-125-30	SB-125-32	SB-125-35	SB-125-40
1.5	SB-150-10	SB-150-12	SB-150-15	SB-150-18	SB-150-20	SB-150-22	SB-150-24	SB-150-25	SB-150-27	SB-150-30	SB-150-32	SB-150-35	SB-150-40
1.75	SB-175-10	SB-175-12	SB-175-15	SB-175-18	SB-175-20	SB-175-22	SB-175-24	SB-175-25	SB-175-27	SB-175-30	SB-175-32	SB-175-35	SB-175-40
2.00	SB-200-10	SB-200-12	SB-200-15	SB-200-18	SB-200-20	SB-200-22	SB-200-24	SB-200-25	SB-200-27	SB-200-30	SB-200-32	SB-200-35	SB-200-40
2.25	SB-225-10	SB-225-12	SB-225-15	SB-225-18	SB-225-20	SB-225-22	SB-225-24	SB-225-25	SB-225-27	SB-225-30	SB-225-32	SB-225-35	SB-225-40
2.5	SB-250-10	SB-250-12	SB-250-15	SB-250-18	SB-250-20	SB-250-22	SB-250-24	SB-250-25	SB-250-27	SB-250-30	SB-250-32	SB-250-35	SB-250-40
2.75	SB-275-10	SB-275-12	SB-275-15	SB-275-18	SB-275-20	SB-275-22	SB-275-24	SB-275-25	SB-275-27	SB-275-30	SB-275-32	SB-275-35	SB-275-40
3.00	SB-300-10	SB-300-12	SB-300-15	SB-300-18	SB-300-20	SB-300-22	SB-300-24	SB-300-25	SB-300-27	SB-300-30	SB-300-32	SB-300-35	SB-300-40
3.25	SB-325-10	SB-325-12	SB-325-15	SB-325-18	SB-325-20	SB-325-22	SB-325-24	SB-325-25	SB-325-27	SB-325-30	SB-325-32	SB-325-35	SB-325-40
3.5	SB-350-10	SB-350-12	SB-350-15	SB-350-18	SB-350-20	SB-350-22	SB-350-24	SB-350-25	SB-350-27	SB-350-30	SB-350-32	SB-350-35	SB-350-40
3.75	SB-375-10	SB-375-12	SB-375-15	SB-375-18	SB-375-20	SB-375-22	SB-375-24	SB-375-25	SB-375-27	SB-375-30	SB-375-32	SB-375-35	SB-375-40
4.0	SB-400-10	SB-400-12	SB-400-15	SB-400-18	SB-400-20	SB-400-22	SB-400-24	SB-400-25	SB-400-27	SB-400-30	SB-400-32	SB-400-35	SB-400-40
4.5	SB-450-10	SB-450-12	SB-450-15	SB-450-18	SB-450-20	SB-450-22	SB-450-24	SB-450-25	SB-450-27	SB-450-30	SB-450-32	SB-450-35	SB-450-40
5.00	SB-500-10	SB-500-12	SB-500-15	SB-500-18	SB-500-20	SB-500-22	SB-500-24	SB-500-25	SB-500-27	SB-500-30	SB-500-32	SB-500-35	SB-500-40
6.00	SB-600-10	SB-600-12	SB-600-15	SB-600-18	SB-600-20	SB-600-22	SB-600-24	SB-600-25	SB-600-27	SB-600-30	SB-600-32	SB-600-35	SB-600-40

PTCA Coronary Balloons SB+

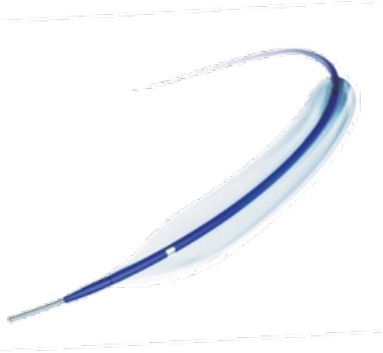
Table for Calculating Nominal Pressure and Burst Pressure

Expansion Pressure		Length (mm)					
atm	**kPa**	**2,25**	**2,5**	**2,75**	**3,00**	**3,50**	**4,00**
6	608	2,21	2,45	2,70	2,94	3,43	3,92
7	709	2,23	2,48	2,72	2,97	3,47	3,96
8 (N)*	***811 (N)****	***2,25***	***2,50***	***2,75***	***3,00***	***3,50***	***4,00***
9	912	2,27	2,53	2,78	3,03	3,54	4,04
10	1013	2,30	2,55	2,81	3,06	3,57	4,08
11	1115	2,32	2,58	2,83	3,09	3,61	4,12
12	1216	2,34	2,60	2,86	3,12	3,64	4,16
13	1317	2,36	2,63	2,89	3,15	3,68	4,20
14	1419	2,39	2,65	2,92	3,18	3,71	4,24
15	1520	2,41	2,68	2,94	3,21	3,75	4,28
16 (NBP)*	**1621 (NBP)***	**2,43**	**2,70**	**2,97**	**3,24**	**3,78**	**4,32**
17	1723	2,45	2,73	3,00	3,27	3,82	4,36
18	1824	2,48	2,75	3,03	3,30	3,85	4,40

•**(N)*** - The nominal burst pressure of the balloon is based on laboratory test results, indicating that at or below the burst pressure, at least 99.9% of balloons do not rupture (confidence level - 95%). When inflating the balloon, it is recommended to use a pressure sensor to avoid excessive pressure on the balloon

• **(NBP)*** Nominal Burst Pressure. The balloon inflation pressure must not exceed the nominal burst pressure.

PTCA Coronary Balloons SB+ NC



PTCA Coronary Balloons SB+ NC (Non-Compliant) are designed for the dilation of narrowed coronary arteries during percutaneous transluminal coronary angioplasty (PTCA).
These balloons are used in cases **requiring high pressure** for precise artery dilation or stent deployment.

PTCA Coronary Balloons SB+ NC maintain minimal diameter variation under high pressure, ensuring maximum precision.

They are equipped with radiopaque markers for accurate visualization during the procedure.

The proximal adapter includes an inflation port and markings with the nominal diameter and length of the balloon, assisting in selecting the appropriate size.

PTCA Coronary Balloons SB+ NC are ideal for stent post-dilation and complex stenoses requiring high precision and control.

Ordering Information for PTCA Coronary Balloons SB+ NC

Catheter Diameter (mm)	Catheter Length (mm)						
	6	9	12	15	20	25	30
2.00	SB-NC-200-06	SB-NC-200-09	SB-NC-200-12	SB-NC-200-15	SB-NC-200-20	SB-NC-200-25	SB-NC-200-30
2.5	SB-NC-250-06	SB-NC-250-09	SB-NC-250-12	SB-NC-250-15	SB-NC-250-20	SB-NC-250-25	SB-NC-250-30
3.00	SB-NC-300-06	SB-NC-300-09	SB-NC-300-12	SB-NC-300-15	SB-NC-300-20	SB-NC-300-25	SB-NC-300-30
3.5	SB-NC-350-06	SB-NC-350-09	SB-NC-350-12	SB-NC-350-15	SB-NC-350-20	SB-NC-350-25	SB-NC-350-30
4.00	SB-NC-400-06	SB-NC-400-09	SB-NC-400-12	SB-NC-400-15	SB-NC-400-20	SB-NC-400-25	SB-NC-400-30
4.5	SB-NC-450-06	SB-NC-450-09	SB-NC-450-12	SB-NC-450-15	SB-NC-450-20	SB-NC-450-25	SB-NC-450-30
5.00	SB-NC-500-06	SB-NC-500-09	SB-NC-500-12	SB-NC-500-15	SB-NC-500-20	SB-NC-500-25	SB-NC-500-30

PTCA Coronary Balloons SB+ NC

Table for Calculating Nominal Pressure and Burst Pressure

Expansion Pressure		Length (mm)							
(atm)	(kPa)	2.00	2.50	2.75	3.00	3.50	4.00	4.50	5.00
4	405	1.87	2.36	2.57	2.71	3.30	3.71	4.24	4.75
6	608	1.92	2.39	2.65	2.80	3.37	3.81	4.26	4.80
8	811	1.96	2.44	2.69	2.88	3.42	3.88	4.27	4.85
10	1013	1.99	2.47	2.73	2.95	3.47	3.95	4.34	4.90
*12 (N)**	*1216 (N)**	*2.02*	*2.50*	*2.76*	*3.01*	*3.50*	*4.00*	*4.44*	*4.98*
14	1419	2.05	2.54	2.80	3.05	3.53	4.05	4.48	5.01
16	1621	2.08	2.57	2.83	3.09	3.57	4.09	4.55	5.10
18	1824	2.11	2.61	2.88	3.13	3.61	4.13	4.61	5.18
20 (NBP)*	**2027 (NBP)***	**2.14**	**2.63**	**2.93**	**3.17**	**3.65**	**4.17**	**4.68**	**5.26**
22	2229	2.17	2.67	2.98	3.21	3.68	4.22	4.76	5.30
24	2432	2.20	2.71	3.03	3.25	3.72	4.26	4.84	5.36

•**(N)*** - The nominal burst pressure of the balloon is based on laboratory test results, indicating that at or below the burst pressure, at least 99.9% of balloons do not rupture (confidence level - 95%). When inflating the balloon, it is recommended to use a pressure sensor to avoid excessive pressure on the balloon

• **(NBP)*** Nominal Burst Pressure. The balloon inflation pressure must not exceed the nominal burst pressure.

Sino-Sheath Introducers

Sino-Sheath is a high-tech introducer system designed for smooth and atraumatic insertion of medical instruments between the dilator and sheath.

The device is used in endovascular procedures where safe and controlled vascular access is required for the insertion of catheters and other instruments.

With its ergonomic design and thoughtful features, **Sino-Sheath** minimizes the risk of tissue damage and ensures precision during procedures.

The system kit includes an introducer, dilator, mini-guidewire (including a spring guidewire), metal injection needle with a plastic cannula, advancer with a protective valve, and a scalpel for access preparation.

This solution facilitates the work of specialists, providing a high level of control and ensuring patient safety.

Sino-Sheath is ideal for use in scenarios requiring precise and complex vascular interventions.

Sino-Sheath Introducers

Characteristics of Sino-Sheath Introducers

Sheath

Model	Catheter Specification	
	Size (Fr)	Length (cm)
Femoral /	4	6/7/8/10/12/13/14/25
	5	
	6	
	7	
Radial /	8	
	9	

Guidewire

Type	Tip and Wire Length (cm)	Diameter (Tip)
H (Hair wire)	Curved Tip - 45, 70 cm	0.018" (C)
P (Polymer Coating)	Curved Tip - 45 cm Straight Tip - 45 cm	0.018" (S,C) 0.025" (S,C) 0.035" (S,C)
S (Spring)	Curved Tip - 45 cm Straight Tip - 45 cm J-shaped Tip - 45, 70 cm	0.021" (S,C) 0.025" (S) 0.035" (J)

Catheter IV	Seldinger Needle	Syringe Volume
20 Ga	21 Ga	3 cc
	20 Ga	
18 Ga	18 Ga	

Sino-Sheath Introducers

Ordering Information for Sino-Sheath Introducers

Radial Type 0.021"

French (Fr)	Length (mm)								
	6	7	8	10	12	13	14	21	25
4,00	SS-R-021-04-060	SS-R-021-04-070	SS-R-021-04-080	SS-R-021-04-100	SS-R-021-04-120	SS-R-021-04-130	SS-R-021-04-140	SS-R-021-04-210	SS-R-021-04-250
5,00	SS-R-021-05-060	SS-R-021-05-070	SS-R-021-05-080	SS-R-021-05-100	SS-R-021-05-120	SS-R-021-05-130	SS-R-021-05-140	SS-R-021-05-210	SS-R-021-05-250
6,00	SS-R-021-06-060	SS-R-021-06-060	SS-R-021-06-080	SS-R-021-06-100	SS-R-021-06-120	SS-R-021-06-130	SS-R-021-06-140	SS-R-021-06-210	SS-R-021-06-250
7,00	SS-R-021-07-060	SS-R-021-07-070	SS-R-021-07-080	SS-R-021-07-100	SS-R-021-07-120	SS-R-021-07-130	SS-R-021-07-140	SS-R-021-07-210	SS-R-021-07-250
8,00	SS-R-021-08-060	SS-R-021-08-070	SS-R-021-08-080	SS-R-021-08-100	SS-R-021-08-120	SS-R-021-08-130	SS-R-021-08-140	SS-R-021-08-210	SS-R-021-08-250
9,00	SS-R-021-09-060	SS-R-021-09-070	SS-R-021-09-080	SS-R-021-09-100	SS-R-021-09-120	SS-R-021-09-130	SS-R-021-09-140	SS-R-021-09-210	SS-R-021-09-250

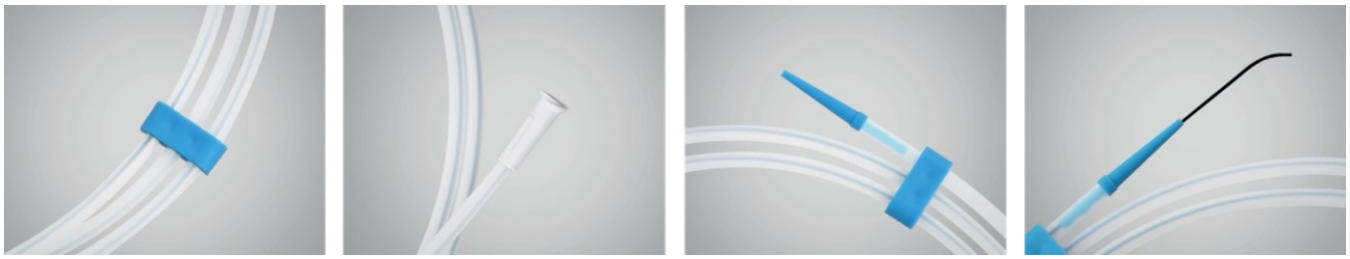
Radial Type 0.025"

French (Fr)	Length (mm)								
	6	7	8	10	12	13	14	21	25
4,00	SS-R-025-04-060	SS-R-025-04-070	SS-R-025-04-080	SS-R-025-04-100	SS-R-025-04-120	SS-R-025-04-130	SS-R-025-04-140	SS-R-025-04-210	SS-R-025-04-250
5,00	SS-R-025-05-060	SS-R-025-05-070	SS-R-025-05-080	SS-R-025-05-100	SS-R-025-05-120	SS-R-025-05-130	SS-R-025-05-140	SS-R-025-05-210	SS-R-025-05-250
6,00	SS-R-025-06-060	SS-R-025-06-060	SS-R-025-06-080	SS-R-025-06-100	SS-R-025-06-120	SS-R-025-06-130	SS-R-025-06-140	SS-R-025-06-210	SS-R-025-06-250
7,00	SS-R-025-07-060	SS-R-025-07-070	SS-R-025-07-080	SS-R-025-07-100	SS-R-025-07-120	SS-R-025-07-130	SS-R-025-07-140	SS-R-025-07-210	SS-R-025-07-250
8,00	SS-R-025-08-060	SS-R-025-08-070	SS-R-025-08-080	SS-R-025-08-100	SS-R-025-08-120	SS-R-025-08-130	SS-R-025-08-140	SS-R-025-08-210	SS-R-025-08-250
9,00	SS-R-025-09-060	SS-R-025-09-070	SS-R-025-09-080	SS-R-025-09-100	SS-R-025-09-120	SS-R-025-09-130	SS-R-025-09-140	SS-R-025-09-210	SS-R-025-09-250

Sino-GW Guidewires with Hydrophilic Coating

Sino-GW guidewires are designed to enhance catheter passage through complex anatomical conditions. With a special hydrophilic coating and smooth surface, the guidewire significantly reduces friction during advancement through blood vessels, improving control and maneuverability during endovascular procedures.

Sino-GW combines high flexibility and strength, making it a reliable tool for precise and safe catheter insertion, especially in challenging anatomical structures.



Main parameters of Sino-GW conductors with hydrophilic coating

Type	Guidewire Diameter	Guidewire Size	Length of Flexible Tip	Tip Type
Guidewire with Hydrophilic Coating	032"	150 sm	3 sm	J-tip / Angled / Straight
	032"	150 sm	4 sm	
	032"	180 sm	3 sm	
	032"	180 sm	4 sm	
	032"	210 sm	3 sm	
	032"	210 sm	4 sm	
	032"	260 sm	3 sm	
	032"	260 sm	4 sm	
	035"	150 sm	3 sm	
	035"	150 sm	4 sm	
	035"	180 sm	3 sm	
	035"	180 sm	4 sm	
	035"	210 sm	3 sm	
	035"	210 sm	4 sm	
	035"	260 sm	3 sm	
	035"	260 sm	4 sm	

Sino-GW 0.032" Guidewires with Hydrophilic Coating

Ordering Information for Sino-GW Guidewires with Hydrophilic Coating 0.032"

Catalog number	Tip Type	Length	Diameter	Coating Length	Length of Flexible Tip
S-GW-1A32150	Angled	150	0,81(0.032")	100	3sm 45°
S-GW-1A32180	Angled	180	0,81(0.032")	100	3sm 45°
S-GW-1A32210	Angled	210	0,81(0.032")	100	3sm 45°
S-GW-1A32260	Angled	260	0,81(0.032")	100	3sm 45°
S-GW-1J32150	J-type	150	0,81(0.032")	100	3sm
S-GW-1J32180	J-type	180	0,81(0.032")	100	3sm
S-GW-1J32210	J-type	210	0,81(0.032")	100	3sm
S-GW-1J32260	J-type	260	0,81(0.032")	100	3sm
S-GW-2J32150	J-type	150	0,81(0.032")	100	4sm
S-GW-2J32180	J-type	180	0,81(0.032")	100	4sm
S-GW-2J32210	J-type	210	0,81(0.032")	100	4sm
S-GW-2J32260	J-type	260	0,81(0.032")	100	4sm
S-GW-1S32150	Straight	150	0,81(0.032")	100	3sm
S-GW-1S32180	Straight	180	0,81(0.032")	100	3sm
S-GW-1S32210	Straight	210	0,81(0.032")	100	3sm
S-GW-1S32260	Straight	260	0,81(0.032")	100	3sm
S-GW-2A32150	Angled	150	0,81(0.032")	100	3sm 70°
S-GW-2A32180	Angled	180	0,81(0.032")	100	3sm 70°
S-GW-2A32210	Angled	210	0,81(0.032")	100	3sm 70°
S-GW-2A32260	Angled	260	0,81(0.032")	100	3sm 70°
S-GW-1J32150	J-type	150	0,81(0.032")	100	3sm
S-GW-1J32180	J-type	180	0,81(0.032")	100	3sm
S-GW-1J32210	J-type	210	0,81(0.032")	100	3sm
S-GW-1J32260	J-type	260	0,81(0.032")	100	3sm
S-GW-2J32150	J-type	150	0,81(0.032")	100	4sm
S-GW-2J32180	J-type	180	0,81(0.032")	100	4sm
S-GW-2J32210	J-type	210	0,81(0.032")	100	4sm
S-GW-2J32260	J-type	260	0,81(0.032")	100	4sm
S-GW-1S32150	Straight	150	0,81(0.032")	100	3sm
S-GW-1S32180	Straight	180	0,81(0.032")	100	3sm
S-GW-1S32210	Straight	210	0,81(0.032")	100	3sm
S-GW-1S32260	Straight	260	0,81(0.032")	100	3sm

Sino-GW 0.035" Guidewires with Hydrophilic Coating

Ordering Information for Sino-GW Guidewires with Hydrophilic Coating 0.035"

Catalog number	Tip Type	Length	Diameter	Coating Length	Length of Flexible Tip
S-GW-1A35150	Angled	150	0.89(0.035")	100	3sm 45°
S-GW-1A35180	Angled	180	0.89(0.035")	100	3sm 45°
S-GW-1A35210	Angled	210	0.89(0.035")	100	3sm 45°
S-GW-1A35260	Angled	260	0.89(0.035")	100	3sm 45°
S-GW-1J35150	J-type	150	0.89(0.035")	100	3sm
S-GW-1J35180	J-type	180	0.89(0.035")	100	3sm
S-GW-1J35210	J-type	210	0.89(0.035")	100	3sm
S-GW-1J35260	J-type	260	0.89(0.035")	100	3sm
S-GW-2J35150	J-type	150	0.89(0.035")	100	4sm
S-GW-2J35180	J-type	180	0.89(0.035")	100	4sm
S-GW-2J35210	J-type	210	0.89(0.035")	100	4sm
S-GW-2J35260	J-type	260	0.89(0.035")	100	4sm
S-GW-1S35150	Straight	150	0.89(0.035")	100	3sm
S-GW-1S35180	Straight	180	0.89(0.035")	100	3sm
S-GW-1S35210	Straight	210	0.89(0.035")	100	3sm
S-GW-1S35260	Straight	260	0.89(0.035")	100	3sm
S-GW-2A35150	Angled	150	0.89(0.035")	100	3sm 70°
S-GW-2A35180	Angled	180	0.89(0.035")	100	3sm 70°
S-GW-2A35210	Angled	210	0.89(0.035")	100	3sm 70°
S-GW-2A35260	Angled	260	0.89(0.035")	100	3sm 70°
S-GW-1J35150	J-type	150	0.89(0.035")	100	3sm
S-GW-1J35180	J-type	180	0.89(0.035")	100	3sm
S-GW-1J35210	J-type	210	0.89(0.035")	100	3sm
S-GW-1J35260	J-type	260	0.89(0.035")	100	3sm
S-GW-2J35150	J-type	150	0.89(0.035")	100	4sm
S-GW-2J35180	J-type	180	0.89(0.035")	100	4sm
S-GW-2J35210	J-type	210	0.89(0.035")	100	4sm
S-GW-2J35260	J-type	260	0.89(0.035")	100	4sm
S-GW-1S35150	Straight	150	0.89(0.035")	100	3sm
S-GW-1S35180	Straight	180	0.89(0.035")	100	3sm
S-GW-1S35210	Straight	210	0.89(0.035")	100	3sm
S-GW-1S35260	Straight	260	0.89(0.035")	100	3sm

Sino-GW 0.038" Guidewires with Hydrophilic Coating

Ordering Information for Sino-GW Guidewires with Hydrophilic Coating 0.038"

Catalog number	Tip Type	Length	Diameter	Coating Length	Length of Flexible Tip
S-GW-1A38150	Angled	150	0.97(0.038")	100	3sm 45°
S-GW-1A38180	Angled	180	0.97(0.038")	100	3sm 45°
S-GW-1A38210	Angled	210	0.97(0.038")	100	3sm 45°
S-GW-1A38260	Angled	260	0.97(0.038")	100	3sm 45°
S-GW-1J38150	J-type	150	0.97(0.038")	100	3sm
S-GW-1J38180	J-type	180	0.97(0.038")	100	3sm
S-GW-1J38210	J-type	210	0.97(0.038")	100	3sm
S-GW-1J38260	J-type	260	0.97(0.038")	100	3sm
S-GW-2J38150	J-type	150	0.97(0.038")	100	4sm
S-GW-2J38180	J-type	180	0.97(0.038")	100	4sm
S-GW-2J38210	J-type	210	0.97(0.038")	100	4sm
S-GW-2J38260	J-type	260	0.97(0.038")	100	4sm
S-GW-1S38150	Straight	150	0.97(0.038")	100	3sm
S-GW-1S38180	Straight	180	0.97(0.038")	100	3sm
S-GW-1S38210	Straight	210	0.97(0.038")	100	3sm
S-GW-1S38260	Straight	260	0.97(0.038")	100	3sm
S-GW-2A38150	Angled	150	0.97(0.038")	100	3sm 70°
S-GW-2A38180	Angled	180	0.97(0.038")	100	3sm 70°
S-GW-2A38210	Angled	210	0.97(0.038")	100	3sm 70°
S-GW-2A38260	Angled	260	0.97(0.038")	100	3sm 70°
S-GW-1J38150	J-type	150	0.97(0.038")	100	3sm
S-GW-1J38180	J-type	180	0.97(0.038")	100	3sm
S-GW-1J38210	J-type	210	0.97(0.038")	100	3sm
S-GW-1J38260	J-type	260	0.97(0.038")	100	3sm
S-GW-2J38150	J-type	150	0.97(0.038")	100	4sm
S-GW-2J38180	J-type	180	0.97(0.038")	100	4sm
S-GW-2J38210	J-type	210	0.97(0.038")	100	4sm
S-GW-2J38260	J-type	260	0.97(0.038")	100	4sm
S-GW-1S38150	Straight	150	0.97(0.038")	100	3sm
S-GW-1S38180	Straight	180	0.97(0.038")	100	3sm
S-GW-1S38210	Straight	210	0.97(0.038")	100	3sm
S-GW-1S38260	Straight	260	0.97(0.038")	100	3sm

PTCA Sino-RENO Guidewires with Hydrophilic Coating

PTCA Sino-RENO Guidewire with Hydrophilic Coating is designed for percutaneous transluminal coronary angioplasty (PTCA), offering high maneuverability, strength, and precision.

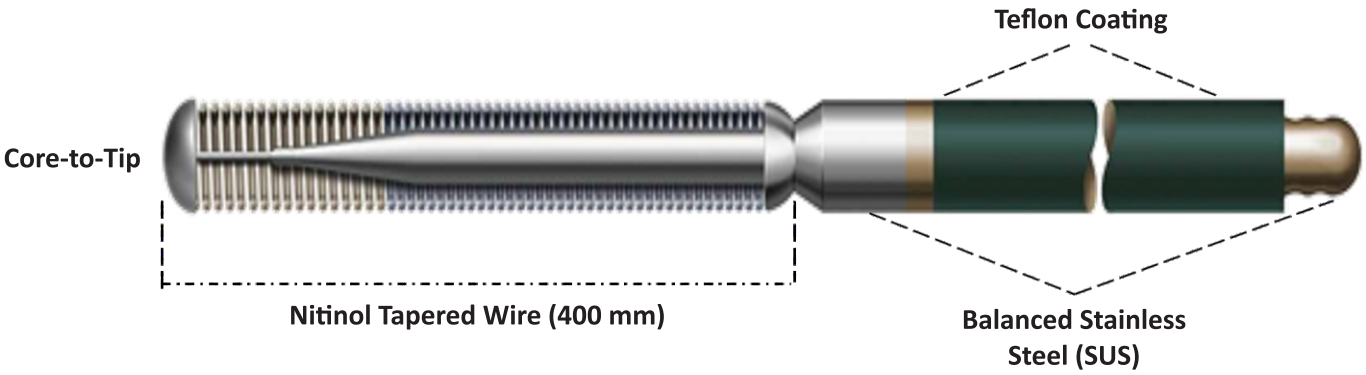
1. The hydrophilic coating reduces friction during passage through complex vessels, improving control and minimizing the risk of damage.

2. The Core-to-Tip design allows force transmission all the way to the tip, improving maneuverability and precision, especially in narrow vessels.

3. The distal end can be spiral or plastic, enhancing flexibility and sensitivity. The spiral is radiopaque, improving control under fluoroscopy.

4. Balanced mechanical properties provide flexibility, strength, and resistance to twisting and deformation.

5. Universal compatibility: The guidewire is suitable for a wide range of catheters and interventional devices.



Ordering Information for PTCA Sino-RENO Guidewires with Hydrophilic Coating

Product Code	Guidewire Diameter	Guidewire Length
SR-PTCA 14190	0,014”	190 sm
SR-PTCA 14210	0,014”	210 sm
SR-PTCA 14260	0,014”	260 sm
SR-PTCA 14300	0,014”	300 sm

PTFE Sino-GW-PTFE Guidewires with Teflon Coating

The guidewires for PTCA/PCI are made of **stainless steel with a Teflon coating** to reduce friction and improve maneuverability.

The distal end, either spiral or plastic, adds flexibility and sensitivity, enhancing the functionality of the guidewire.

The spiral is partially or fully **radiopaque,** allowing for the control of the guidewire's position using fluoroscopy, facilitating vessel selection and management during the procedure.

The distal end can be spiral or plastic-coated, providing flexibility and precision when working in complex anatomical conditions. The spiral is radiopaque, enhancing visualization under fluoroscopy and ensuring precise guidewire positioning.

Due to its design and materials, the **Sino-GW-PTFE** guidewires are ideal for complex angioplasty procedures requiring high sensitivity and precision in manipulation.

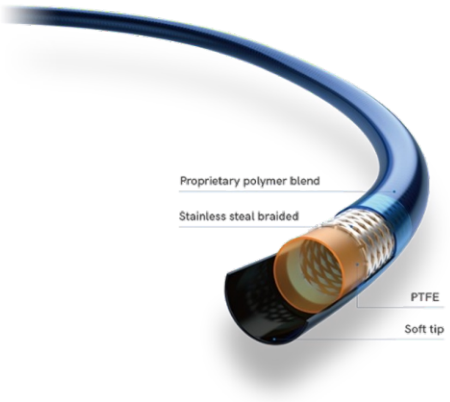
Advantages: Improved glide due to the Teflon coating, high resistance to bending and deformation, and precise positioning under fluoroscopic control. These guidewires are suitable for specialists performing complex procedures where minimal friction and accuracy are critical.

Ordering Information for Sino-GW-PTFE Guidewires

Product Code	Tip type	Guidewire Diameter	Guidewire Length	Length of Flexible Tip
S-GW-TJ150	J-type	0,035"	150 sm	3 sm
S-GW-TJ180	J-type	0,035"	180 sm	3 sm
S-GW-TJ210	J-type	0,035"	210 sm	3 sm
S-GW-TS150	Straight	0,035"	150 sm	3 sm
S-GW-TS180	Straight	0,035"	180 sm	3 sm
S-GW-TS210	Straight	0,035"	210 sm	3 sm

SinoGuide Guiding Catheters

The **SinoGuide** Guidecatheter for coronary interventions is a high-tech device offering excellent maneuverability and support, thanks to its braided structure and polymer materials.



It features high torque ability and resistance, making it ideal for precise maneuvers in complex anatomical conditions.

Technical Parameters:

Catheter Length: Not less than 100 cm.

Construction: Dual-layer reinforced wall with a stainless steel braided sheath. The inner layer is Teflon, and the outer coating is a patented polymer (Pebax).

Technology: "Hybrid Braiding Technology" for increasing the inner lumen and improving conductivity.

Stiffness Zones: 5 zones from the proximal to the distal end.

Catheter Sizes and Lumen:

Size	Inner Lumen (mm)	Guidewire Diameter (mm)
5 F	1,4	1,8
6 F	1,8	2,1
7 F	2,2	2,3
8 F	2,2	2,6

Catheter Tip: Design options include Extra Back-up Left, Judkins Right, Judkins Left, Amplatz Left, Amplatz Right, Williams, and Multipurpose.

Diameters: 3.0, 3.5, 4.0, 4.5, 5.0, 6.0 mm.

Side Holes: Models with side holes are available to maintain blood flow.

Maneuverability: 1:1 axial control system, resistant to twisting and axial breakage.

Radiopacity: Markings on the distal end for precise catheter position control.

SinoGuide Guiding Catheters

Ordering Parameters for SinoGuide Guiding Catheters

Bending Type	Tip Type	Size
Extra Back-up Left	XB3.0, XB3.5, XB4.0	5F, 6F, 6.5F, 7F, 8F
Judkins Left	JL3.0, JL3.5, JL4.0, JL4.5, JL5.0	5F, 6F, 6.5F, 7F, 8F
Judkins Right	JR3.0, JR3.5, JR4.0, JR4.5, JR5.0	5F, 6F, 6.5F, 7F, 8F
Amplatz Left	AL1, AL2, AL3	5F, 6F, 6.5F, 7F, 8F
Amplatz Right	AR, AR1, AR2	5F, 6F, 6.5F, 7F, 8F
Williams	3DRC	5F, 6F, 6.5F, 7F, 8F
Multipurpose	MPA, MPB	5F, 6F, 6.5F, 7F, 8F

The polymer material with a braided construction provides excellent resistance to bending, additional support, and response to torque.

Soft and Atraumatic Tip

- Reduced layers at the tip to ensure softness and safety

Large Lumen

- Braided flat wire construction to increase lumen size.
- Provides a smooth and compatible path for multiple and different devices.

Multi-segment design

- Stiff segment provides 1:1 torque response, which contributes to faster catheter positioning with fewer torques.
- Coaxial segments ensure easier device insertion into the coronary artery.

SinoInf Indeflator

The Syringe Manometer - SinoInf Indeflator is designed to generate and monitor pressure in the range of -1 to 30 ATM/bar (-14.7 to +441 PSI) with an accuracy of ±1 ATM/bar. This allows for effective inflation and deflation of angioplasty balloons and other interventional devices, as well as measuring the pressure inside the balloon.

Technical Parameters:

Housing: Transparent polycarbonate.

Volume: Not less than 20, 30 ml.

Features: Airless rotator to eliminate air when connecting to balloon catheter.

High-Pressure Tube: Flexible, 35.5 cm (13") in length, with double braiding and a 3-way valve.

Piston: Equipped with a locking/releasing mechanism, featuring a triple ring to prevent leakage.

Handle: Textured surface to prevent slippage.

Purpose: Analog device for generating pressure up to 30 ATM, suitable for high-pressure angioplasty and precise pressure control.

Main advantages required for interventional procedures

High pressure control accuracy, which is critical during angioplasty, where precision directly affects the outcomes.

Convenience: The piston mechanism allows for easy pressure control, reducing strain on the catheter and balloon.

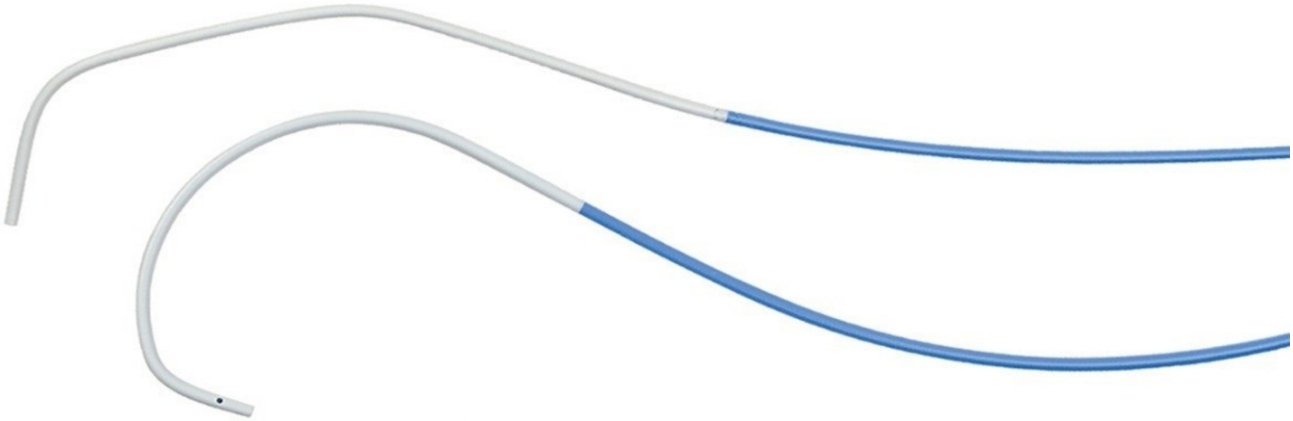
Safety: The triple-ring piston design eliminates fluid leakage, ensuring reliability.

Durability: The high-pressure tube with double braiding withstands significant loads.

Ergonomics: The textured handle prevents slipping.

Sino-AC Diagnostic Catheters

Sino-AC Diagnostic Catheter is designed for coronary angiography, providing high precision and maneuverability.



Technical Parameters:

Catheter Length: Up to 125 cm

Stiffness: Performa

Tip Design: Judkins Left (JL), Judkins Right (JR)

Materials:

- **Catheter:** Nylon-Pebax with double steel braiding
- **Hub**: Polycarbonate, "wing" configuration

Maximum Pressure: 1200 psi (81.6 bar)

Recommended Guidewire: 0.035"

Tip Curvature: JL and JR — 3.5, 4.0, 4.5, 5.0, 6.0

Sizes and Parameters of Catheters:

Size	Inner Diameter (mm)	Tip Length (cm)
4 F	1.07	2.3
5 F	1.17 / 1.32	2.5
6 F	1.37 / 1.49	2.5 / 1.9

Sino-Y Y-Hemostasis Valve Set

The PTCA guidewire introducer device is designed for one-handed use.

Featuring a combination of a hemostatic valve and an integrated valve opener, it ensures the integrity of the coated guidewire surface and minimizes backflow, reducing blood loss during procedures.

The device is clean and safe, with high ergonomics, providing quick access to vessels, speeding up procedures, and improving their effectiveness.

Technical Parameters:

Flow Rate: Up to 15 cm^3/sec at pressures up to 600 psi (compatible with automatic contrast injectors).

Compatibility

- Angiographic devices with diameters of 9Fr and smaller.
- Guidewires with diameters ranging from 0.014" to 0.038".

Connector Types: Push Pull, Push Click, Screw.

One-Handed Operation: Minimizes blood loss.

Inner Lumen: Large diameter for more efficient insertion of medical devices.

Housing Material: Durable and resistant to chemical exposure, ensuring long-term use.

Hemostatic Valve: Prevents air entry and ensures reliable sealing during procedures.

Sino-Y is a versatile solution for vascular procedures that combines convenience and safety, reducing risks and simplifying maneuvers.

Additional Information about the Products and Activities of TIBTEXNIKA LLC

Manufacturing Process: Our company utilizes advanced technologies and materials to manufacture medical devices. All materials and equipment comply with international standards ISO 9001:2015 and ISO 13485:2016, ensuring high quality and safety at every stage of production.

Drug and Other Coatings: Drug-eluting stents undergo rigorous testing for efficacy and safety. Sirolimus and Everolimus are recognized worldwide for restenosis prevention, ensuring stable treatment outcomes. We also use hydrophilic and Teflon coatings to improve glide, durability, and reduce thrombosis, making the products more effective.

Clinical Trials and Registration Certificates: All products have undergone clinical trials confirming their safety and efficacy. The products have registration certificates in compliance with international and national standards.

Certification: The products are certified to **ISO 9001:2015** (Quality Management System for continuous improvement) and **ISO 13485:2016** (Quality Management System for medical devices, focusing on safety and control at all stages).

Research and Development: We actively invest in scientific research and development to remain leaders in innovation and offer products that meet the highest standards of clinical practice.

Quality Control: Every stage of production is monitored by qualified specialists, ensuring the products meet international standards.

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