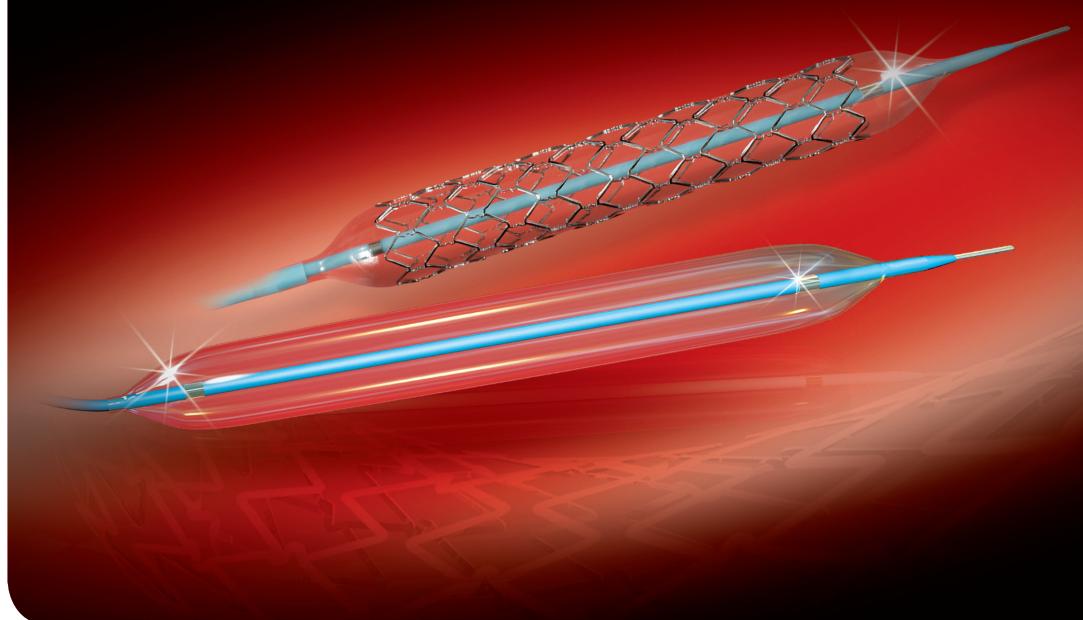




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Cardiology and Radiology

CARDIOLOGY AND RADIOLOGY

CARDIOLOGY

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SIROLIMUS ELUTING CORONARY BIFURCATION STENT **BIOSS® LIM**

with RX delivery system

Innovative bifurcation stent system:

- One profiled balloon with diameters corresponding to dimensions of the coronary bifurcation vessels
- Unique configuration of the delivery system ensuring safety and efficacy during the stent implantation procedure
- Delivery system minimizes the negative effects of procedure, protecting the carina tip from being crushed or damaged
- Large cell of the stent in place of side branch entrance gives possibility to enter the SB with any standard size conventional stent
- Precision of implantation procedure thanks to three radiopaque markers



Bifurcation optimized sirolimus eluting stent for coronary vessel.

Dedicated stent system prevents the side branch from occlusion and carina tip from being crushed or damaged.
Bioss LIM is guided on single 0.014" guide wire for shorter implantation procedure.

Technical information

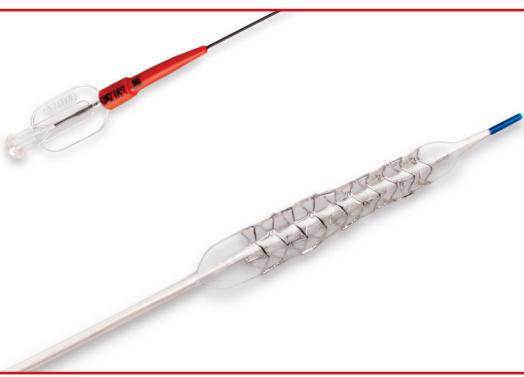
Stent platform material	316LVM stainless steel
Catheter coating	hydrophilic
Anti-proliferative agent	sirolimus
MRI	safe
Ferromagnetism	none
Radiopacity	excellent
Radial force	high
Pushability and trackability	excellent
Inflation and deflation time	very short
Proximal shaft diameter	2F (0.65 mm)
Distal shaft diameter	2.7F (0.90 mm)
Compatible guide wire	max. .014"
Compatible guiding catheter	5F (.056")
Nominal pressure	10 atm
Delivery system type	Rapid Exchange
Catheter length	140 cm

Reference:	Nominal stent diameter		Nominal stent length
	Dist	Prox	
ZSTB2.50x3.25x1514S	2.50 mm	3.25 mm	
ZSTB2.75x3.50x1514S	2.75 mm	3.50 mm	
ZSTB3.00x3.50x1514S	3.00 mm	3.50 mm	
ZSTB3.00x3.75x1514S	3.00 mm	3.75 mm	
ZSTB3.50x4.25x1514S	3.50 mm	4.25 mm	
ZSTB3.75x4.50x1514S	3.75 mm	4.50 mm	
ZSTB2.50x3.25x1814S	2.50 mm	3.25 mm	
ZSTB2.75x3.50x1814S	2.75 mm	3.50 mm	
ZSTB3.00x3.50x1814S	3.00 mm	3.50 mm	
ZSTB3.00x3.75x1814S	3.00 mm	3.75 mm	
ZSTB3.50x4.25x1814S	3.50 mm	4.25 mm	
ZSTB3.75x4.50x1814S	3.75 mm	4.50 mm	
ZSTB2.50x3.25x2314S	2.50 mm	3.25 mm	
ZSTB2.75x3.50x2314S	2.75 mm	3.50 mm	
ZSTB3.00x3.50x2314S	3.00 mm	3.50 mm	
ZSTB3.00x3.75x2314S	3.00 mm	3.75 mm	
ZSTB3.50x4.25x2314S	3.50 mm	4.25 mm	
ZSTB3.75x4.50x2314S	3.75 mm	4.50 mm	

When ordering use Ref. Number, e.g.: ZSTB3.50x4.25x1814S.

COBALT CHROMIUM SIROLIMUS ELUTING CORONARY BIFURCATION STENT

with RX delivery system



Innovative bifurcation stent system:

- One profiled balloon with diameters corresponding to dimensions of the coronary bifurcation vessels
- Unique configuration of the delivery system ensuring safety and efficacy during the stent implantation procedure
- Delivery system minimizes the negative effects of procedure, protecting the carina tip from being crushed or damaged
- Large cell of the stent in place of side branch entrance gives possibility to enter the SB with any standard size conventional stent
- Precision of implantation procedure thanks to three radiopaque markers

Bifurcation optimized stents for coronary vessels with one profiled balloon, guided on a single .014" guide wire for a simple and shorter implantation procedure.

This dedicated stent system prevents the side branch from occlusion and the carina tip from being crushed or damaged.

Technical information

Stent platform material	cobalt-chromium alloy L605
Catheter coating	hydrophilic
Anti-proliferative agent	sirolimus
Strut thickness	0.07 mm
MRI	safe
Ferromagnetism	none
Radiopacity	excellent
Radial force	high
Pushability and trackability	excellent
Inflation and deflation time	very short
Proximal shaft diameter	2F (0.65 mm)
Distal shaft diameter	2.7F (0.90 mm)
Compatible guide wire	max. .014"
Compatible guiding catheter	5F (.056")
Nominal pressure	10 atm
Delivery system type	Rapid Exchange
Catheter length	140 cm

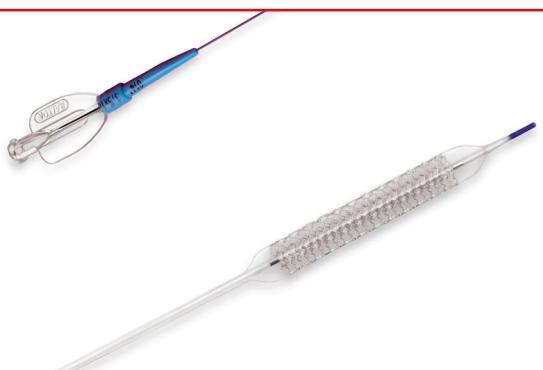
Reference:	Nominal stent diameter		Nominal stent length	Distal length / stent length	Proximal length / stent length
	Dist	Prox			
ZSTB2.50x3.00x1614CS	2.50 mm	3.00 mm	16 mm	55%	37%
ZSTB2.50X3.25X1614CS	2.50 mm	3.25 mm		55%	37%
ZSTB2.75X3.50X1614CS	2.75 mm	3.50 mm		55%	37%
ZSTB3.00X3.50X1614CS	3.00 mm	3.50 mm		56%	36%
ZSTB3.00X3.75X1614CS	3.00 mm	3.75 mm		54%	38%
ZSTB3.50X4.25X1614CS	3.50 mm	4.25 mm		54%	38%
ZSTB3.75X4.50X1614CS	3.75 mm	4.50 mm		56%	37%
ZSTB2.50x3.00x1914CS	2.50 mm	3.00 mm	19 mm	54%	39%
ZSTB2.50X3.25X1914CS	2.50 mm	3.25 mm		54%	39%
ZSTB2.75X3.50X1914CS	2.75 mm	3.50 mm		54%	39%
ZSTB3.00X3.50X1914CS	3.00 mm	3.50 mm		55%	38%
ZSTB3.00X3.75X1914CS	3.00 mm	3.75 mm		54%	40%
ZSTB3.50X4.25X1914CS	3.50 mm	4.25 mm		54%	40%
ZSTB3.75X4.50X1914CS	3.75 mm	4.50 mm		55%	39%
ZSTB2.50x3.00x2414CS	2.50 mm	3.00 mm	24 mm	56%	38%
ZSTB2.50X3.25X2414CS	2.50 mm	3.25 mm		56%	38%
ZSTB2.75X3.50X2414CS	2.75 mm	3.50 mm		56%	38%
ZSTB3.00X3.50X2414CS	3.00 mm	3.50 mm		57%	37%
ZSTB3.00X3.75X2414CS	3.00 mm	3.75 mm		56%	39%
ZSTB3.50X4.25X2414CS	3.50 mm	4.25 mm		56%	39%
ZSTB3.75X4.50X2414CS	3.75 mm	4.50 mm		57%	38%

When ordering use Ref. Number, e.g.: ZSTB3.75X4.50X2414CS.

Note: For all the sizes, lengths 15 mm, 18 mm and 23 mm are available. When ordering use Ref. Number, e.g.: ZSTB 2.50x3.00x1814CS.

STENT FOR CORONARY VESSELS with delivery system Rapid Exchange (Rx)

flexus®



High flexible stainless steel coronary stent.

- Innovative stent design for exceptional flexibility and durability.
- Dedicated for narrow and tortuous vessels.
- Low crossing profile and excellent trackability.

Technical information

Stent material	steel 316LVM
Stent nominal diameter	2.00 mm - 4.50 mm
Stent nominal lengths	8 mm - 40 mm
Stent wall thickness	0.115 mm
X-ray visibility	very good
Ferromagnetism	none
MRI	safe
Compatible guide wire	max .014"
Compatible guiding catheter	5F (.056")*
Radial force	high
Pushability and trackability	excellent
Stent crimped profile	.036"**
Proximal shaft diameter	1.8F / 0.60 mm
Distal shaft diameter	2.5F / 0.84 mm
Inflation and deflation time	very short
Nominal pressure	8 atm
Delivery system type	Rapid Exchange
Delivery system length	140 cm

* for stent diameter 4.5 mm use guiding catheter 6F (.064")

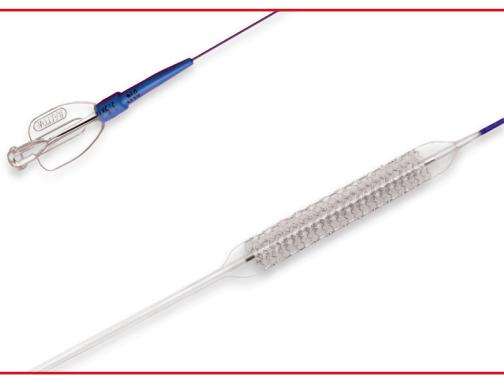
** for stent diameter 3.0 mm

Reference:	Stent diameter / length	Reference:	Stent diameter / length	Reference:	Stent diameter / length
ZSTC2.00x0814F	2.00 mm / 8 mm	ZSTC3.00x0814F	3.00 mm / 8 mm	ZSTC3.75x0814F	3.75 mm / 8 mm
ZSTC2.00x1014F	2.00 mm / 10 mm	ZSTC3.00x1014F	3.00 mm / 10 mm	ZSTC3.75x1014F	3.75 mm / 10 mm
ZSTC2.00x1214F	2.00 mm / 12 mm	ZSTC3.00x1214F	3.00 mm / 12 mm	ZSTC3.75x1214F	3.75 mm / 12 mm
ZSTC2.00x1514F	2.00 mm / 15 mm	ZSTC3.00x1514F	3.00 mm / 15 mm	ZSTC3.75x1514F	3.75 mm / 15 mm
ZSTC2.00x1814F	2.00 mm / 18 mm	ZSTC3.00x1814F	3.00 mm / 18 mm	ZSTC3.75x1814F	3.75 mm / 18 mm
ZSTC2.00x2214F	2.00 mm / 22 mm	ZSTC3.00x2214F	3.00 mm / 22 mm	ZSTC3.75x2214F	3.75 mm / 22 mm
ZSTC2.00x2514F	2.00 mm / 25 mm	ZSTC3.00x2514F	3.00 mm / 25 mm	ZSTC3.75x2514F	3.75 mm / 25 mm
ZSTC2.25x0814F	2.25 mm / 8 mm	ZSTC3.00x2914F	3.00 mm / 29 mm	ZSTC3.75x2914F	3.75 mm / 29 mm
ZSTC2.25x1014F	2.25 mm / 10 mm	ZSTC3.00x3414F	3.00 mm / 34 mm	ZSTC3.75x3414F	3.75 mm / 34 mm
ZSTC2.25x1214F	2.25 mm / 12 mm	ZSTC3.00x3614F	3.00 mm / 36 mm	ZSTC3.75x3614F	3.75 mm / 36 mm
ZSTC2.25x1514F	2.25 mm / 15 mm	ZSTC3.00x3814F	3.00 mm / 38 mm	ZSTC3.75x3814F	3.75 mm / 38 mm
ZSTC2.25x1814F	2.25 mm / 18 mm	ZSTC3.00x4014F	3.00 mm / 40 mm	ZSTC3.75x4014F	3.75 mm / 40 mm
ZSTC2.25x2214F	2.25 mm / 22 mm	ZSTC3.25x0814F	3.25 mm / 8 mm	ZSTC4.00x0814F	4.00 mm / 8 mm
ZSTC2.25x2514F	2.25 mm / 25 mm	ZSTC3.25x1014F	3.25 mm / 10 mm	ZSTC4.00x1014F	4.00 mm / 10 mm
ZSTC2.25x2914F	2.25 mm / 29 mm	ZSTC3.25x1214F	3.25 mm / 12 mm	ZSTC4.00x1214F	4.00 mm / 12 mm
ZSTC2.50x0814F	2.50 mm / 8 mm	ZSTC3.25x1514F	3.25 mm / 15 mm	ZSTC4.00x1514F	4.00 mm / 15 mm
ZSTC2.50x1014F	2.50 mm / 10 mm	ZSTC3.25x1814F	3.25 mm / 18 mm	ZSTC4.00x1814F	4.00 mm / 18 mm
ZSTC2.50x1214F	2.50 mm / 12 mm	ZSTC3.25x2214F	3.25 mm / 22 mm	ZSTC4.00x2214F	4.00 mm / 22 mm
ZSTC2.50x1514F	2.50 mm / 15 mm	ZSTC3.25x2514F	3.25 mm / 25 mm	ZSTC4.00x2514F	4.00 mm / 25 mm
ZSTC2.50x1814F	2.50 mm / 18 mm	ZSTC3.25x2914F	3.25 mm / 29 mm	ZSTC4.00x2914F	4.00 mm / 29 mm
ZSTC2.50x2214F	2.50 mm / 22 mm	ZSTC3.25x3414F	3.25 mm / 34 mm	ZSTC4.00x3414F	4.00 mm / 34 mm
ZSTC2.50x2514F	2.50 mm / 25 mm	ZSTC3.25x3614F	3.25 mm / 36 mm	ZSTC4.00x3614F	4.00 mm / 36 mm
ZSTC2.50x2914F	2.50 mm / 29 mm	ZSTC3.25x3814F	3.25 mm / 38 mm	ZSTC4.00x3814F	4.00 mm / 38 mm
ZSTC2.50x3414F	2.50 mm / 34 mm	ZSTC3.25x4014F	3.25 mm / 40 mm	ZSTC4.00x4014F	4.00 mm / 40 mm
ZSTC2.75x0814F	2.75 mm / 8 mm	ZSTC3.50x0814F	3.50 mm / 8 mm	ZSTC4.50x0814F	4.50 mm / 8 mm
ZSTC2.75x1014F	2.75 mm / 10 mm	ZSTC3.50x1014F	3.50 mm / 10 mm	ZSTC4.50x1014F	4.50 mm / 10 mm
ZSTC2.75x1214F	2.75 mm / 12 mm	ZSTC3.50x1214F	3.50 mm / 12 mm	ZSTC4.50x1214F	4.50 mm / 12 mm
ZSTC2.75x1514F	2.75 mm / 15 mm	ZSTC3.50x1514F	3.50 mm / 15 mm	ZSTC4.50x1514F	4.50 mm / 15 mm
ZSTC2.75x1814F	2.75 mm / 18 mm	ZSTC3.50x1814F	3.50 mm / 18 mm	ZSTC4.50x1814F	4.50 mm / 18 mm
ZSTC2.75x2214F	2.75 mm / 22 mm	ZSTC3.50x2214F	3.50 mm / 22 mm	ZSTC4.50x2214F	4.50 mm / 22 mm
ZSTC2.75x2514F	2.75 mm / 25 mm	ZSTC3.50x2514F	3.50 mm / 25 mm	ZSTC4.50x2514F	4.50 mm / 25 mm
ZSTC2.75x2914F	2.75 mm / 29 mm	ZSTC3.50x2914F	3.50 mm / 29 mm	ZSTC4.50x2914F	4.50 mm / 29 mm
ZSTC2.75x3414F	2.75 mm / 34 mm	ZSTC3.50x3414F	3.50 mm / 34 mm	ZSTC4.50x3414F	4.50 mm / 34 mm
ZSTC2.75x3614F	2.75 mm / 36 mm	ZSTC3.50x3614F	3.50 mm / 36 mm	ZSTC4.50x3614F	4.50 mm / 36 mm
		ZSTC3.50x3814F	3.50 mm / 38 mm	ZSTC4.50x3814F	4.50 mm / 38 mm
		ZSTC3.50x4014F	3.50 mm / 40 mm	ZSTC4.50x4014F	4.50 mm / 40 mm

When ordering use Ref. Number, e.g.: ZSTC4.50x4014F.

COBALT-CHROMIUM CORONARY STENT

with delivery system Rapid Exchange (Rx)



High flexible cobalt-chromium coronary stent with ultra-low crossing profile .032".

- A new improved delivery system
- Unique hydrophilic coating technology
- Ideal fitting for the narrow and tortuous lesions
- Unique flexibility in the construction of the stent
- Excellent pushing ability and tracking features

Technical information

Stent material	cobalt-chromium alloy L605
Stent nominal diameters	2.00 mm - 4.50 mm
Stent nominal lengths	8 mm - 40 mm
Stent wall thickness	0.07 mm
X-ray visibility	very good
Ferromagnetism	none
MRI	safe
Compatible guide wire	max. .014"
Compatible guiding catheter	5F (.056") *
Radial force	high
Pushability and trackability	excellent
Stent crimped profile	.032" **
Proximal shaft diameter	1.8F / 0.60 mm
Distal shaft diameter	2.5F / 0.84 mm
Nominal pressure	8 atm
Delivery system type	Rapid Exchange
Delivery system length	140 cm

*) for stent diameter 4.5 mm use guiding catheter 6F (.064")

**) for stent diameter 3.0 mm

Coflexus uses L605 Co-Cr. The application of this exceptional material enables us to reduce the thickness of the stent's wall and also lower the stent profile. This was achieved without reducing the radial force.

Due to its low profile and unique construction, the stent Coflexus ideally fits the narrow, tortuous and hard to access lesions.

Reference:	Stent diameter / length	Reference:	Stent diameter / length	Reference:	Stent diameter / length
ZSTC2.00x0814CF	2.00 mm / 8 mm	ZSTC3.00x0814CF	3.00 mm / 8 mm	ZSTC3.75x0814CF	3.75 mm / 8 mm
ZSTC2.00x1014CF	2.00 mm / 10 mm	ZSTC3.00x1014CF	3.00 mm / 10 mm	ZSTC3.75x1014CF	3.75 mm / 10 mm
ZSTC2.00x1214CF	2.00 mm / 12 mm	ZSTC3.00x1214CF	3.00 mm / 12 mm	ZSTC3.75x1214CF	3.75 mm / 12 mm
ZSTC2.00x1514CF	2.00 mm / 15 mm	ZSTC3.00x1514CF	3.00 mm / 15 mm	ZSTC3.75x1514CF	3.75 mm / 15 mm
ZSTC2.00x1814CF	2.00 mm / 18 mm	ZSTC3.00x1814CF	3.00 mm / 18 mm	ZSTC3.75x1814CF	3.75 mm / 18 mm
ZSTC2.00x2214CF	2.00 mm / 22 mm	ZSTC3.00x2214CF	3.00 mm / 22 mm	ZSTC3.75x2214CF	3.75 mm / 22 mm
ZSTC2.00x2514CF	2.00 mm / 25 mm	ZSTC3.00x2514CF	3.00 mm / 25 mm	ZSTC3.75x2514CF	3.75 mm / 25 mm
ZSTC2.25x0814CF	2.25 mm / 8 mm	ZSTC3.00x2914CF	3.00 mm / 29 mm	ZSTC3.75x2914CF	3.75 mm / 29 mm
ZSTC2.25x1014CF	2.25 mm / 10 mm	ZSTC3.00x3414CF	3.00 mm / 34 mm	ZSTC3.75x3414CF	3.75 mm / 34 mm
ZSTC2.25x1214CF	2.25 mm / 12 mm	ZSTC3.00x3614CF	3.00 mm / 36 mm	ZSTC3.75x3614CF	3.75 mm / 36 mm
ZSTC2.25x1514CF	2.25 mm / 15 mm	ZSTC3.00x3814CF	3.00 mm / 38 mm	ZSTC3.75x3814CF	3.75 mm / 38 mm
ZSTC2.25x1814CF	2.25 mm / 18 mm	ZSTC3.00x4014CF	3.00 mm / 40 mm	ZSTC3.75x4014CF	3.75 mm / 40 mm
ZSTC2.25x2214CF	2.25 mm / 22 mm	ZSTC3.25x0814CF	3.25 mm / 8 mm	ZSTC4.00x0814CF	4.00 mm / 8 mm
ZSTC2.25x2514CF	2.25 mm / 25 mm	ZSTC3.25x1014CF	3.25 mm / 10 mm	ZSTC4.00x1014CF	4.00 mm / 10 mm
ZSTC2.25x2914CF	2.25 mm / 29 mm	ZSTC3.25x1214CF	3.25 mm / 12 mm	ZSTC4.00x1214CF	4.00 mm / 12 mm
ZSTC2.50x0814CF	2.50 mm / 8 mm	ZSTC3.25x1514CF	3.25 mm / 15 mm	ZSTC4.00x1514CF	4.00 mm / 15 mm
ZSTC2.50x1014CF	2.50 mm / 10 mm	ZSTC3.25x1814CF	3.25 mm / 18 mm	ZSTC4.00x1814CF	4.00 mm / 18 mm
ZSTC2.50x1214CF	2.50 mm / 12 mm	ZSTC3.25x2214CF	3.25 mm / 22 mm	ZSTC4.00x2214CF	4.00 mm / 22 mm
ZSTC2.50x1514CF	2.50 mm / 15 mm	ZSTC3.25x2514CF	3.25 mm / 25 mm	ZSTC4.00x2514CF	4.00 mm / 25 mm
ZSTC2.50x1814CF	2.50 mm / 18 mm	ZSTC3.25x2914CF	3.25 mm / 29 mm	ZSTC4.00x2914CF	4.00 mm / 29 mm
ZSTC2.50x2214CF	2.50 mm / 22 mm	ZSTC3.25x3414CF	3.25 mm / 34 mm	ZSTC4.00x3414CF	4.00 mm / 34 mm
ZSTC2.50x2514CF	2.50 mm / 25 mm	ZSTC3.25x3614CF	3.25 mm / 36 mm	ZSTC4.00x3614CF	4.00 mm / 36 mm
ZSTC2.50x2914CF	2.50 mm / 29 mm	ZSTC3.25x3814CF	3.25 mm / 38 mm	ZSTC4.00x3814CF	4.00 mm / 38 mm
ZSTC2.50x3414CF	2.50 mm / 34 mm	ZSTC3.25x4014CF	3.25 mm / 40 mm	ZSTC4.00x4014CF	4.00 mm / 40 mm
ZSTC2.75x0814CF	2.75 mm / 8 mm	ZSTC3.50x0814CF	3.50 mm / 8 mm	ZSTC4.50x0814CF	4.50 mm / 8 mm
ZSTC2.75x1014CF	2.75 mm / 10 mm	ZSTC3.50x1014CF	3.50 mm / 10 mm	ZSTC4.50x1014CF	4.50 mm / 10 mm
ZSTC2.75x1214CF	2.75 mm / 12 mm	ZSTC3.50x1214CF	3.50 mm / 12 mm	ZSTC4.50x1214CF	4.50 mm / 12 mm
ZSTC2.75x1514CF	2.75 mm / 15 mm	ZSTC3.50x1514CF	3.50 mm / 15 mm	ZSTC4.50x1514CF	4.50 mm / 15 mm
ZSTC2.75x1814CF	2.75 mm / 18 mm	ZSTC3.50x1814CF	3.50 mm / 18 mm	ZSTC4.50x1814CF	4.50 mm / 18 mm
ZSTC2.75x2214CF	2.75 mm / 22 mm	ZSTC3.50x2214CF	3.50 mm / 22 mm	ZSTC4.50x2214CF	4.50 mm / 22 mm
ZSTC2.75x2514CF	2.75 mm / 25 mm	ZSTC3.50x2514CF	3.50 mm / 25 mm	ZSTC4.50x2514CF	4.50 mm / 25 mm
ZSTC2.75x2914CF	2.75 mm / 29 mm	ZSTC3.50x2914CF	3.50 mm / 29 mm	ZSTC4.50x2914CF	4.50 mm / 29 mm
ZSTC2.75x3414CF	2.75 mm / 34 mm	ZSTC3.50x3414CF	3.50 mm / 34 mm	ZSTC4.50x3414CF	4.50 mm / 34 mm
ZSTC2.75x3614CF	2.75 mm / 36 mm	ZSTC3.50x3614CF	3.50 mm / 36 mm	ZSTC4.50x3614CF	4.50 mm / 36 mm
ZSTC2.75x4014CF	2.75 mm / 40 mm	ZSTC3.50x4014CF	3.50 mm / 40 mm	ZSTC4.50x4014CF	4.50 mm / 40 mm

When ordering use Ref. Number, e.g.: ZSTC4.50x4014CF.

SIROLIMUS ELUTING CORONARY STENT **PROLIM®**

with delivery system Rapid Exchange (Rx)



Extraordinary flexible stainless steel stent with sirolimus dedicated for narrow and tortuous vessels.

The polymer layers release sirolimus in a time controlled process of slow biodegradation (lasting ca 8 weeks), inhibiting neointime formation process.

- Ideal fitting for the narrow and tortuous lesions
- Innovative coating for a consistent and controlled drug delivery
- Superior flexibility and proven drug release
- A new improved delivery system

Technical information

Stent material	steel 316LVM
Polymer	biodegradable
Anti-proliferative agent	sirolimus
Stent nominal diameters	2.00 mm - 4.50 mm
Stent nominal lengths	8 mm - 40 mm
Stent wall thickness	0.115 mm
X-ray visibility	very good
Ferromagnetism	none
MRI	safe
Compatible guide wire	max. .014"
Compatible guiding catheter	5F (.056") *
Radial force	high
Pushability and trackability	excellent
Stent crimped profile	.038" **
Proximal shaft diameter	1.8F / 0.60 mm
Distal shaft diameter	2.5F / 0.84 mm
Nominal pressure	8 atm
Delivery system type	Rapid Exchange
Delivery system length	140 cm

* for stent diameter 4.5 mm use guiding catheter 6F (.064")

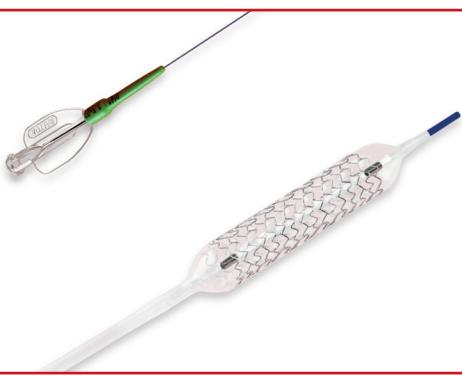
** for stent diameter 3.0 mm

Reference:	Stent diameter / length	Reference:	Stent diameter / length	Reference:	Stent diameter / length
ZSTC2.00x0814SF	2.00 / 8 mm	ZSTC3.00x0814SF	3.00 / 8 mm	ZSTC3.75x0814SF	3.75 / 8 mm
ZSTC2.00x1014SF	2.00 / 10 mm	ZSTC3.00x1014SF	3.00 / 10 mm	ZSTC3.75x1014SF	3.75 / 10 mm
ZSTC2.00x1214SF	2.00 / 12 mm	ZSTC3.00x1214SF	3.00 / 12 mm	ZSTC3.75x1214SF	3.75 / 12 mm
ZSTC2.00x1514SF	2.00 / 15 mm	ZSTC3.00x1514SF	3.00 / 15 mm	ZSTC3.75x1514SF	3.75 / 15 mm
ZSTC2.00x1814SF	2.00 / 18 mm	ZSTC3.00x1814SF	3.00 / 18 mm	ZSTC3.75x1814SF	3.75 / 18 mm
ZSTC2.00x2214SF	2.00 / 22 mm	ZSTC3.00x2214SF	3.00 / 22 mm	ZSTC3.75x2214SF	3.75 / 22 mm
ZSTC2.00x2514SF	2.00 / 25 mm	ZSTC3.00x2514SF	3.00 / 25 mm	ZSTC3.75x2514SF	3.75 / 25 mm
ZSTC2.25x0814SF	2.25 / 8 mm	ZSTC3.00x2914SF	3.00 / 29 mm	ZSTC3.75x2914SF	3.75 / 29 mm
ZSTC2.25x1014SF	2.25 / 10 mm	ZSTC3.00x3414SF	3.00 / 34 mm	ZSTC3.75x3414SF	3.75 / 34 mm
ZSTC2.25x1214SF	2.25 / 12 mm	ZSTC3.00x3614SF	3.00 / 36 mm	ZSTC3.75x3614SF	3.75 / 36 mm
ZSTC2.25x1514SF	2.25 / 15 mm	ZSTC3.00x3814SF	3.00 / 38 mm	ZSTC3.75x3814SF	3.75 / 38 mm
ZSTC2.25x1814SF	2.25 / 18 mm	ZSTC3.00x4014SF	3.00 / 40 mm	ZSTC3.75x4014SF	3.75 / 40 mm
ZSTC2.25x2214SF	2.25 / 22 mm	ZSTC3.25x0814SF	3.25 / 8 mm	ZSTC4.00x0814SF	4.00 / 8 mm
ZSTC2.25x2514SF	2.25 / 25 mm	ZSTC3.25x1014SF	3.25 / 10 mm	ZSTC4.00x1014SF	4.00 / 10 mm
ZSTC2.25x2914SF	2.25 / 29 mm	ZSTC3.25x1214SF	3.25 / 12 mm	ZSTC4.00x1214SF	4.00 / 12 mm
ZSTC2.50x0814SF	2.50 / 8 mm	ZSTC3.25x1514SF	3.25 / 15 mm	ZSTC4.00x1514SF	4.00 / 15 mm
ZSTC2.50x1014SF	2.50 / 10 mm	ZSTC3.25x1814SF	3.25 / 18 mm	ZSTC4.00x1814SF	4.00 / 18 mm
ZSTC2.50x1214SF	2.50 / 12 mm	ZSTC3.25x2214SF	3.25 / 22 mm	ZSTC4.00x2214SF	4.00 / 22 mm
ZSTC2.50x1514SF	2.50 / 15 mm	ZSTC3.25x2514SF	3.25 / 25 mm	ZSTC4.00x2514SF	4.00 / 25 mm
ZSTC2.50x1814SF	2.50 / 18 mm	ZSTC3.25x2914SF	3.25 / 29 mm	ZSTC4.00x2914SF	4.00 / 29 mm
ZSTC2.50x2214SF	2.50 / 22 mm	ZSTC3.25x3414SF	3.25 / 34 mm	ZSTC4.00x3414SF	4.00 / 34 mm
ZSTC2.50x2514SF	2.50 / 25 mm	ZSTC3.25x3614SF	3.25 / 36 mm	ZSTC4.00x3614SF	4.00 / 36 mm
ZSTC2.50x2914SF	2.50 / 29 mm	ZSTC3.25x3814SF	3.25 / 38 mm	ZSTC4.00x3814SF	4.00 / 38 mm
ZSTC2.50x3414SF	2.50 / 34 mm	ZSTC3.25x4014SF	3.25 / 40 mm	ZSTC4.00x4014SF	4.00 / 40 mm
ZSTC2.75x0814SF	2.75 / 8 mm	ZSTC3.50x0814SF	3.50 / 8 mm	ZSTC4.50x0814SF	4.50 / 8 mm
ZSTC2.75x1014SF	2.75 / 10 mm	ZSTC3.50x1014SF	3.50 / 10 mm	ZSTC4.50x1014SF	4.50 / 10 mm
ZSTC2.75x1214SF	2.75 / 12 mm	ZSTC3.50x1214SF	3.50 / 12 mm	ZSTC4.50x1214SF	4.50 / 12 mm
ZSTC2.75x1514SF	2.75 / 15 mm	ZSTC3.50x1514SF	3.50 / 15 mm	ZSTC4.50x1514SF	4.50 / 15 mm
ZSTC2.75x1814SF	2.75 / 18 mm	ZSTC3.50x1814SF	3.50 / 18 mm	ZSTC4.50x1814SF	4.50 / 18 mm
ZSTC2.75x2214SF	2.75 / 22 mm	ZSTC3.50x2214SF	3.50 / 22 mm	ZSTC4.50x2214SF	4.50 / 22 mm
ZSTC2.75x2514SF	2.75 / 25 mm	ZSTC3.50x2514SF	3.50 / 25 mm	ZSTC4.50x2514SF	4.50 / 25 mm
ZSTC2.75x2914SF	2.75 / 29 mm	ZSTC3.50x2914SF	3.50 / 29 mm	ZSTC4.50x2914SF	4.50 / 29 mm
ZSTC2.75x3414SF	2.75 / 34 mm	ZSTC3.50x3414SF	3.50 / 34 mm	ZSTC4.50x3414SF	4.50 / 34 mm
ZSTC2.75x3614SF	2.75 / 36 mm	ZSTC3.50x3614SF	3.50 / 36 mm	ZSTC4.50x3614SF	4.50 / 36 mm
		ZSTC3.50x3814SF	3.50 / 38 mm	ZSTC4.50x3814SF	4.50 / 38 mm
		ZSTC3.50x4014SF	3.50 / 40 mm	ZSTC4.50x4014SF	4.50 / 40 mm

When ordering use Ref. Number, e.g.: ZSTC3.00x1214SF.

COBALT-CHROMIUM PACLITAXEL ELUTING CORONARY STENT **PAXEL®**

with delivery system Rapid Exchange (Rx)



Paxel is a Co-Cr coronary stent with low crossing profile (.034") eluting paclitaxel from biodegradable polymer.

Unique stent coating technology, providing the most flexible layer of biodegradable polymer, carrying paclitaxel having an anti-proliferating effect.

The polymer layers release paclitaxel in a time-controlled process of their slow biodegradation (lasting ca 8 weeks) inhibiting neointime formation process.

- Dedicated for narrow and tortuous vessels
- Uniquely flexible construction of the stent
- Excellent pushing ability and tracking features

Technical information

Stent material	cobalt-chromium alloy L605
Polymer	biodegradable
Anti-proliferative agent	paclitaxel
Stent nominal diameters	2.00 mm - 4.50 mm
Stent nominal lengths	8 mm - 40 mm
Stent wall thickness	0.07 mm
X-ray visibility	very good
Ferromagnetism	none
MRI	safe
Compatible guide wire	max .014"
Compatible guiding catheter	5F (.056") *
Radial force	high
Pushability and trackability	excellent
Stent crimped profile	.034" **
Proximal shaft diameter	1.8F / 0.60 mm
Distal shaft diameter	2.5F / 0.84 mm
Nominal pressure	8 atm
Delivery system type	Rapid Exchange
Delivery system length	140 cm

*) for stent diameter 4.5 mm use guiding catheter 6F (.064")

**) for stent diameter 3.0 mm

Reference:	Stent diameter / length	Reference:	Stent diameter / length	Reference:	Stent diameter / length
ZSTC2.00x0814CL	2.00 / 8 mm	ZSTC3.00x0814CL	3.00 / 8 mm	ZSTC3.75x0814CL	3.75 / 8 mm
ZSTC2.00x1014CL	2.00 / 10 mm	ZSTC3.00x1014CL	3.00 / 10 mm	ZSTC3.75x1014CL	3.75 / 10 mm
ZSTC2.00x1214CL	2.00 / 12 mm	ZSTC3.00x1214CL	3.00 / 12 mm	ZSTC3.75x1214CL	3.75 / 12 mm
ZSTC2.00x1514CL	2.00 / 15 mm	ZSTC3.00x1514CL	3.00 / 15 mm	ZSTC3.75x1514CL	3.75 / 15 mm
ZSTC2.00x1814CL	2.00 / 18 mm	ZSTC3.00x1814CL	3.00 / 18 mm	ZSTC3.75x1814CL	3.75 / 18 mm
ZSTC2.00x2214CL	2.00 / 22 mm	ZSTC3.00x2214CL	3.00 / 22 mm	ZSTC3.75x2214CL	3.75 / 22 mm
ZSTC2.00x2514CL	2.00 / 25 mm	ZSTC3.00x2514CL	3.00 / 25 mm	ZSTC3.75x2514CL	3.75 / 25 mm
ZSTC2.25x0814CL	2.25 / 8 mm	ZSTC3.00x2914CL	3.00 / 29 mm	ZSTC3.75x2914CL	3.75 / 29 mm
ZSTC2.25x1014CL	2.25 / 10 mm	ZSTC3.00x3414CL	3.00 / 34 mm	ZSTC3.75x3414CL	3.75 / 34 mm
ZSTC2.25x1214CL	2.25 / 12 mm	ZSTC3.00x3614CL	3.00 / 36 mm	ZSTC3.75x3614CL	3.75 / 36 mm
ZSTC2.25x1514CL	2.25 / 15 mm	ZSTC3.00x3814CL	3.00 / 38 mm	ZSTC3.75x3814CL	3.75 / 38 mm
ZSTC2.25x1814CL	2.25 / 18 mm	ZSTC3.00x4014CL	3.00 / 40 mm	ZSTC3.75x4014CL	3.75 / 40 mm
ZSTC2.25x2214CL	2.25 / 22 mm	ZSTC3.25x0814CL	3.25 / 8 mm	ZSTC4.00x0814CL	4.00 / 8 mm
ZSTC2.25x2514CL	2.25 / 25 mm	ZSTC3.25x1014CL	3.25 / 10 mm	ZSTC4.00x1014CL	4.00 / 10 mm
ZSTC2.25x2914CL	2.25 / 29 mm	ZSTC3.25x1214CL	3.25 / 12 mm	ZSTC4.00x1214CL	4.00 / 12 mm
ZSTC2.50x0814CL	2.50 / 8 mm	ZSTC3.25x1514CL	3.25 / 15 mm	ZSTC4.00x1514CL	4.00 / 15 mm
ZSTC2.50x1014CL	2.50 / 10 mm	ZSTC3.25x1814CL	3.25 / 18 mm	ZSTC4.00x1814CL	4.00 / 18 mm
ZSTC2.50x1214CL	2.50 / 12 mm	ZSTC3.25x2214CL	3.25 / 22 mm	ZSTC4.00x2214CL	4.00 / 22 mm
ZSTC2.50x1514CL	2.50 / 15 mm	ZSTC3.25x2514CL	3.25 / 25 mm	ZSTC4.00x2514CL	4.00 / 25 mm
ZSTC2.50x1814CL	2.50 / 18 mm	ZSTC3.25x2914CL	3.25 / 29 mm	ZSTC4.00x2914CL	4.00 / 29 mm
ZSTC2.50x2214CL	2.50 / 22 mm	ZSTC3.25x3414CL	3.25 / 34 mm	ZSTC4.00x3414CL	4.00 / 34 mm
ZSTC2.50x2514CL	2.50 / 25 mm	ZSTC3.25x3614CL	3.25 / 36 mm	ZSTC4.00x3614CL	4.00 / 36 mm
ZSTC2.50x2914CL	2.50 / 29 mm	ZSTC3.25x3814CL	3.25 / 38 mm	ZSTC4.00x3814CL	4.00 / 38 mm
ZSTC2.50x3414CL	2.50 / 34 mm	ZSTC3.25x4014CL	3.25 / 40 mm	ZSTC4.00x4014CL	4.00 / 40 mm
ZSTC2.75x0814CL	2.75 / 8 mm	ZSTC3.50x0814CL	3.50 / 8 mm	ZSTC4.50x0814CL	4.50 / 8 mm
ZSTC2.75x1014CL	2.75 / 10 mm	ZSTC3.50x1014CL	3.50 / 10 mm	ZSTC4.50x1014CL	4.50 / 10 mm
ZSTC2.75x1214CL	2.75 / 12 mm	ZSTC3.50x1214CL	3.50 / 12 mm	ZSTC4.50x1214CL	4.50 / 12 mm
ZSTC2.75x1514CL	2.75 / 15 mm	ZSTC3.50x1514CL	3.50 / 15 mm	ZSTC4.50x1514CL	4.50 / 15 mm
ZSTC2.75x1814CL	2.75 / 18 mm	ZSTC3.50x1814CL	3.50 / 18 mm	ZSTC4.50x1814CL	4.50 / 18 mm
ZSTC2.75x2214CL	2.75 / 22 mm	ZSTC3.50x2214CL	3.50 / 22 mm	ZSTC4.50x2214CL	4.50 / 22 mm
ZSTC2.75x2514CL	2.75 / 25 mm	ZSTC3.50x2514CL	3.50 / 25 mm	ZSTC4.50x2514CL	4.50 / 25 mm
ZSTC2.75x2914CL	2.75 / 29 mm	ZSTC3.50x2914CL	3.50 / 29 mm	ZSTC4.50x2914CL	4.50 / 29 mm
ZSTC2.75x3414CL	2.75 / 34 mm	ZSTC3.50x3414CL	3.50 / 34 mm	ZSTC4.50x3414CL	4.50 / 34 mm
ZSTC2.75x3614CL	2.75 / 36 mm	ZSTC3.50x3614CL	3.50 / 36 mm	ZSTC4.50x3614CL	4.50 / 36 mm
		ZSTC3.50x3814CL	3.50 / 38 mm	ZSTC4.50x3814CL	4.50 / 38 mm
		ZSTC3.50x4014CL	3.50 / 40 mm	ZSTC4.50x4014CL	4.50 / 40 mm

When ordering use Ref. Number, e.g.: ZSTC3.00x1214CL.

COBALT-CHROMIUM SIROLIMUS ELUTING CORONARY STENT with delivery system Rapid Exchange (Rx)

ALEX®



ALEX is a Cobalt-Chromium sirolimus eluting coronary stent with biodegradable polymer and delivery system RX.

It is the lowest DES profile on the market - .034".

The polymer layers release sirolimus in time-controlled process of their slow biodegradation (lasting ca 8 weeks), inhibiting neointime formation process.

- Superior flexibility and proven drug release
- A new improved delivery system
- Innovative coating for a consistent and controlled drug delivery
- Ideal fitting for the narrow and tortuous lesions

Technical information

Stent material	cobalt-chromium alloy L605
Polymer	biodegradable
Anti-proliferative agent	sirolimus
Stent nominal diameters	2.00 mm - 4.50 mm
Stent nominal lengths	8 mm - 40 mm
Stent wall thickness	0.07 mm
X-ray visibility	very good
Ferromagnetism	none
MRI	safe
Compatible guide wire	max .014"
Compatible guiding catheter	5F (.056") *
Radial force	high
Pushability and trackability	excellent
Stent crimped profile	.034" **
Proximal shaft diameter	1.8F / 0.60 mm
Distal shaft diameter	2.5F / 0.84 mm
Nominal pressure	8 atm
Delivery system type	Rapid Exchange
Delivery system length	140 cm

*) for stent diameter 4.5 mm use guiding catheter 6F (.064")

**) for stent diameter 3.0 mm

Reference:	Stent diameter / length	Reference:	Stent diameter / length	Reference:	Stent diameter / length
ZSTC2.00x0814CFS	2.00 / 8 mm	ZSTC3.00x0814CFS	3.00 / 8 mm	ZSTC3.75x0814CFS	3.75 / 8 mm
ZSTC2.00x1014CFS	2.00 / 10 mm	ZSTC3.00x1014CFS	3.00 / 10 mm	ZSTC3.75x1014CFS	3.75 / 10 mm
ZSTC2.00x1214CFS	2.00 / 12 mm	ZSTC3.00x1214CFS	3.00 / 12 mm	ZSTC3.75x1214CFS	3.75 / 12 mm
ZSTC2.00x1514CFS	2.00 / 15 mm	ZSTC3.00x1514CFS	3.00 / 15 mm	ZSTC3.75x1514CFS	3.75 / 15 mm
ZSTC2.00x1814CFS	2.00 / 18 mm	ZSTC3.00x1814CFS	3.00 / 18 mm	ZSTC3.75x1814CFS	3.75 / 18 mm
ZSTC2.00x2214CFS	2.00 / 22 mm	ZSTC3.00x2214CFS	3.00 / 22 mm	ZSTC3.75x2214CFS	3.75 / 22 mm
ZSTC2.00x2514CFS	2.00 / 25 mm	ZSTC3.00x2514CFS	3.00 / 25 mm	ZSTC3.75x2514CFS	3.75 / 25 mm
ZSTC2.25x0814CFS	2.25 / 8 mm	ZSTC3.00x2914CFS	3.00 / 29 mm	ZSTC3.75x2914CFS	3.75 / 29 mm
ZSTC2.25x1014CFS	2.25 / 10 mm	ZSTC3.00x3414CFS	3.00 / 34 mm	ZSTC3.75x3414CFS	3.75 / 34 mm
ZSTC2.25x1214CFS	2.25 / 12 mm	ZSTC3.00x3614CFS	3.00 / 36 mm	ZSTC3.75x3614CFS	3.75 / 36 mm
ZSTC2.25x1514CFS	2.25 / 15 mm	ZSTC3.00x3814CFS	3.00 / 38 mm	ZSTC3.75x3814CFS	3.75 / 38 mm
ZSTC2.25x1814CFS	2.25 / 18 mm	ZSTC3.00x4014CFS	3.00 / 40 mm	ZSTC3.75x4014CFS	3.75 / 40 mm
ZSTC2.25x2214CFS	2.25 / 22 mm	ZSTC3.25x0814CFS	3.25 / 8 mm	ZSTC4.00x0814CFS	4.00 / 8 mm
ZSTC2.25x2514CFS	2.25 / 25 mm	ZSTC3.25x1014CFS	3.25 / 10 mm	ZSTC4.00x1014CFS	4.00 / 10 mm
ZSTC2.25x2914CFS	2.25 / 29 mm	ZSTC3.25x1214CFS	3.25 / 12 mm	ZSTC4.00x1214CFS	4.00 / 12 mm
ZSTC2.50x0814CFS	2.50 / 8 mm	ZSTC3.25x1514CFS	3.25 / 15 mm	ZSTC4.00x1514CFS	4.00 / 15 mm
ZSTC2.50x1014CFS	2.50 / 10 mm	ZSTC3.25x1814CFS	3.25 / 18 mm	ZSTC4.00x1814CFS	4.00 / 18 mm
ZSTC2.50x1214CFS	2.50 / 12 mm	ZSTC3.25x2214CFS	3.25 / 22 mm	ZSTC4.00x2214CFS	4.00 / 22 mm
ZSTC2.50x1514CFS	2.50 / 15 mm	ZSTC3.25x2514CFS	3.25 / 25 mm	ZSTC4.00x2514CFS	4.00 / 25 mm
ZSTC2.50x1814CFS	2.50 / 18 mm	ZSTC3.25x2914CFS	3.25 / 29 mm	ZSTC4.00x2914CFS	4.00 / 29 mm
ZSTC2.50x2214CFS	2.50 / 22 mm	ZSTC3.25x3414CFS	3.25 / 34 mm	ZSTC4.00x3414CFS	4.00 / 34 mm
ZSTC2.50x2514CFS	2.50 / 25 mm	ZSTC3.25x3614CFS	3.25 / 36 mm	ZSTC4.00x3614CFS	4.00 / 36 mm
ZSTC2.50x2914CFS	2.50 / 29 mm	ZSTC3.25x3814CFS	3.25 / 38 mm	ZSTC4.00x3814CFS	4.00 / 38 mm
ZSTC2.50x3414CFS	2.50 / 34 mm	ZSTC3.25x4014CFS	3.25 / 40 mm	ZSTC4.00x4014CFS	4.00 / 40 mm
ZSTC2.75x0814CFS	2.75 / 8 mm	ZSTC3.50x0814CFS	3.50 / 8 mm	ZSTC4.50x0814CFS	4.50 / 8 mm
ZSTC2.75x1014CFS	2.75 / 10 mm	ZSTC3.50x1014CFS	3.50 / 10 mm	ZSTC4.50x1014CFS	4.50 / 10 mm
ZSTC2.75x1214CFS	2.75 / 12 mm	ZSTC3.50x1214CFS	3.50 / 12 mm	ZSTC4.50x1214CFS	4.50 / 12 mm
ZSTC2.75x1514CFS	2.75 / 15 mm	ZSTC3.50x1514CFS	3.50 / 15 mm	ZSTC4.50x1514CFS	4.50 / 15 mm
ZSTC2.75x1814CFS	2.75 / 18 mm	ZSTC3.50x1814CFS	3.50 / 18 mm	ZSTC4.50x1814CFS	4.50 / 18 mm
ZSTC2.75x2214CFS	2.75 / 22 mm	ZSTC3.50x2214CFS	3.50 / 22 mm	ZSTC4.50x2214CFS	4.50 / 22 mm
ZSTC2.75x2514CFS	2.75 / 25 mm	ZSTC3.50x2514CFS	3.50 / 25 mm	ZSTC4.50x2514CFS	4.50 / 25 mm
ZSTC2.75x2914CFS	2.75 / 29 mm	ZSTC3.50x2914CFS	3.50 / 29 mm	ZSTC4.50x2914CFS	4.50 / 29 mm
ZSTC2.75x3414CFS	2.75 / 34 mm	ZSTC3.50x3414CFS	3.50 / 34 mm	ZSTC4.50x3414CFS	4.50 / 34 mm
ZSTC2.75x3614CFS	2.75 / 36 mm	ZSTC3.50x3614CFS	3.50 / 36 mm	ZSTC4.50x3614CFS	4.50 / 36 mm
		ZSTC3.50x3814CFS	3.50 / 38 mm	ZSTC4.50x3814CFS	4.50 / 38 mm
		ZSTC3.50x4014CFS	3.50 / 40 mm	ZSTC4.50x4014CFS	4.50 / 40 mm

When ordering use Ref. Number, e.g.: ZSTC4.50x4014CFS.

COBALT-CHROMIUM SIROLIMUS ELUTING CORONARY STENT with delivery system Rapid Exchange (Rx)

ALEX® plus



ALEX PLUS is a Cobalt-Chromium sirolimus eluting coronary stent with biodegradable polymer and delivery system RX.

It is the lowest DES profile on the market - .034".

The polymer layers release sirolimus in a time controlled process of slow biodegradation (lasting ca 8 weeks), inhibiting the neointime formation process.

- Recommended to all type of lesions
- Superior flexibility and proven drug release
- A new improved delivery system
- Innovative coating for a consistent and controlled drug delivery

Technical information

Stent material	cobalt-chromium alloy L605
Polymer	biodegradable
Anti-proliferative agent	sirolimus
Stent nominal diameters	2.00 mm - 4.50 mm
Stent nominal lengths	8 mm - 40 mm
Stent wall thickness	0.07 mm
X-ray visibility	very good
Ferromagnetism	none
MRI	safe
Compatible guide wire	max .014"
Compatible guiding catheter	5F (.056") *
Radial force	high
Pushability and trackability	excellent
Stent crimped profile	.034" **
Proximal shaft diameter	1.8F / 0.60 mm
Distal shaft diameter	2.5F / 0.84 mm
Nominal pressure	8 atm
Delivery system type	Rapid Exchange
Delivery system length	140 cm

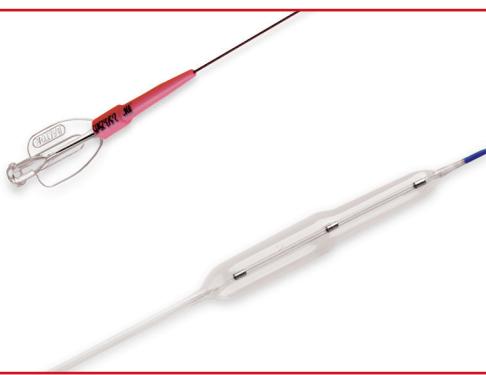
*) for stent diameter 4.5 mm use guiding catheter 6F (.064")

**) for stent diameter 3.0 mm

Reference:	Stent diameter / length	Reference:	Stent diameter / length	Reference:	Stent diameter / length
ZSTC2.00x0814CFSP	2.00 / 8 mm	ZSTC3.00x0814CFSP	3.00 / 8 mm	ZSTC3.75x0814CFSP	3.75 / 8 mm
ZSTC2.00x1014CFSP	2.00 / 10 mm	ZSTC3.00x1014CFSP	3.00 / 10 mm	ZSTC3.75x1014CFSP	3.75 / 10 mm
ZSTC2.00x1214CFSP	2.00 / 12 mm	ZSTC3.00x1214CFSP	3.00 / 12 mm	ZSTC3.75x1214CFSP	3.75 / 12 mm
ZSTC2.00x1514CFSP	2.00 / 15 mm	ZSTC3.00x1514CFSP	3.00 / 15 mm	ZSTC3.75x1514CFSP	3.75 / 15 mm
ZSTC2.00x1814CFSP	2.00 / 18 mm	ZSTC3.00x1814CFSP	3.00 / 18 mm	ZSTC3.75x1814CFSP	3.75 / 18 mm
ZSTC2.00x2214CFSP	2.00 / 22 mm	ZSTC3.00x2214CFSP	3.00 / 22 mm	ZSTC3.75x2214CFSP	3.75 / 22 mm
ZSTC2.00x2514CFSP	2.00 / 25 mm	ZSTC3.00x2514CFSP	3.00 / 25 mm	ZSTC3.75x2514CFSP	3.75 / 25 mm
ZSTC2.25x0814CFSP	2.25 / 8 mm	ZSTC3.00x2914CFSP	3.00 / 29 mm	ZSTC3.75x2914CFSP	3.75 / 29 mm
ZSTC2.25x1014CFSP	2.25 / 10 mm	ZSTC3.00x3414CFSP	3.00 / 34 mm	ZSTC3.75x3414CFSP	3.75 / 34 mm
ZSTC2.25x1214CFSP	2.25 / 12 mm	ZSTC3.00x3614CFSP	3.00 / 36 mm	ZSTC3.75x3614CFSP	3.75 / 36 mm
ZSTC2.25x1514CFSP	2.25 / 15 mm	ZSTC3.00x3814CFSP	3.00 / 38 mm	ZSTC3.75x3814CFSP	3.75 / 38 mm
ZSTC2.25x1814CFSP	2.25 / 18 mm	ZSTC3.00x4014CFSP	3.00 / 40 mm	ZSTC3.75x4014CFSP	3.75 / 40 mm
ZSTC2.25x2214CFSP	2.25 / 22 mm	ZSTC3.25x0814CFSP	3.25 / 8 mm	ZSTC4.00x0814CFSP	4.00 / 8 mm
ZSTC2.25x2514CFSP	2.25 / 25 mm	ZSTC3.25x1014CFSP	3.25 / 10 mm	ZSTC4.00x1014CFSP	4.00 / 10 mm
ZSTC2.25x2914CFSP	2.25 / 29 mm	ZSTC3.25x1214CFSP	3.25 / 12 mm	ZSTC4.00x1214CFSP	4.00 / 12 mm
ZSTC2.50x0814CFSP	2.50 / 8 mm	ZSTC3.25x1514CFSP	3.25 / 15 mm	ZSTC4.00x1514CFSP	4.00 / 15 mm
ZSTC2.50x1014CFSP	2.50 / 10 mm	ZSTC3.25x1814CFSP	3.25 / 18 mm	ZSTC4.00x1814CFSP	4.00 / 18 mm
ZSTC2.50x1214CFSP	2.50 / 12 mm	ZSTC3.25x2214CFSP	3.25 / 22 mm	ZSTC4.00x2214CFSP	4.00 / 22 mm
ZSTC2.50x1514CFSP	2.50 / 15 mm	ZSTC3.25x2514CFSP	3.25 / 25 mm	ZSTC4.00x2514CFSP	4.00 / 25 mm
ZSTC2.50x1814CFSP	2.50 / 18 mm	ZSTC3.25x2914CFSP	3.25 / 29 mm	ZSTC4.00x2914CFSP	4.00 / 29 mm
ZSTC2.50x2214CFSP	2.50 / 22 mm	ZSTC3.25x3414CFSP	3.25 / 34 mm	ZSTC4.00x3414CFSP	4.00 / 34 mm
ZSTC2.50x2514CFSP	2.50 / 25 mm	ZSTC3.25x3614CFSP	3.25 / 36 mm	ZSTC4.00x3614CFSP	4.00 / 36 mm
ZSTC2.50x2914CFSP	2.50 / 29 mm	ZSTC3.25x3814CFSP	3.25 / 38 mm	ZSTC4.00x3814CFSP	4.00 / 38 mm
ZSTC2.50x3414CFSP	2.50 / 34 mm	ZSTC3.25x4014CFSP	3.25 / 40 mm	ZSTC4.00x4014CFSP	4.00 / 40 mm
ZSTC2.75x0814CFSP	2.75 / 8 mm	ZSTC3.50x0814CFSP	3.50 / 8 mm	ZSTC4.50x0814CFSP	4.50 / 8 mm
ZSTC2.75x1014CFSP	2.75 / 10 mm	ZSTC3.50x1014CFSP	3.50 / 10 mm	ZSTC4.50x1014CFSP	4.50 / 10 mm
ZSTC2.75x1214CFSP	2.75 / 12 mm	ZSTC3.50x1214CFSP	3.50 / 12 mm	ZSTC4.50x1214CFSP	4.50 / 12 mm
ZSTC2.75x1514CFSP	2.75 / 15 mm	ZSTC3.50x1514CFSP	3.50 / 15 mm	ZSTC4.50x1514CFSP	4.50 / 15 mm
ZSTC2.75x1814CFSP	2.75 / 18 mm	ZSTC3.50x1814CFSP	3.50 / 18 mm	ZSTC4.50x1814CFSP	4.50 / 18 mm
ZSTC2.75x2214CFSP	2.75 / 22 mm	ZSTC3.50x2214CFSP	3.50 / 22 mm	ZSTC4.50x2214CFSP	4.50 / 22 mm
ZSTC2.75x2514CFSP	2.75 / 25 mm	ZSTC3.50x2514CFSP	3.50 / 25 mm	ZSTC4.50x2514CFSP	4.50 / 25 mm
ZSTC2.75x2914CFSP	2.75 / 29 mm	ZSTC3.50x2914CFSP	3.50 / 29 mm	ZSTC4.50x2914CFSP	4.50 / 29 mm
ZSTC2.75x3414CFSP	2.75 / 34 mm	ZSTC3.50x3414CFSP	3.50 / 34 mm	ZSTC4.50x3414CFSP	4.50 / 34 mm
ZSTC2.75x3614CFSP	2.75 / 36 mm	ZSTC3.50x3614CFSP	3.50 / 36 mm	ZSTC4.50x3614CFSP	4.50 / 36 mm
		ZSTC3.50x3814CFSP	3.50 / 38 mm	ZSTC4.50x3814CFSP	4.50 / 38 mm
		ZSTC3.50x4014CFSP	3.50 / 40 mm	ZSTC4.50x4014CFSP	4.50 / 40 mm

When ordering use Ref. Number, e.g.: ZSTC4.50x4014CFSP.

CORONARY BIFURCATION ANGIOPLASTY CATHETER *Bottle®*



Angioplasty catheter Bottle is dedicated to bifurcation optimization after classic stent implantation and angioplasty procedure in coronary bifurcation vessels.

Angioplasty catheter Bottle:

- One balloon with two diameters corresponding to anatomical dimensions of the coronary bifurcation vessel.
- Placement precision thanks to three radiopaque markers.

Technical information

Balloon material	nylon
Nominal pressure	10 atm
Catheter coating	hydrophilic
Pushability and trackability	excellent
Inflation and deflation time	very short
Proximal shaft diameter	2F (0.65 mm)
Distal shaft diameter	2.7F (0.90 mm)
Compatible guidewire	max. .014"
Compatible guiding catheter	5F (.056")
Catheter length	140 cm
Delivery system type	Rapid Exchange

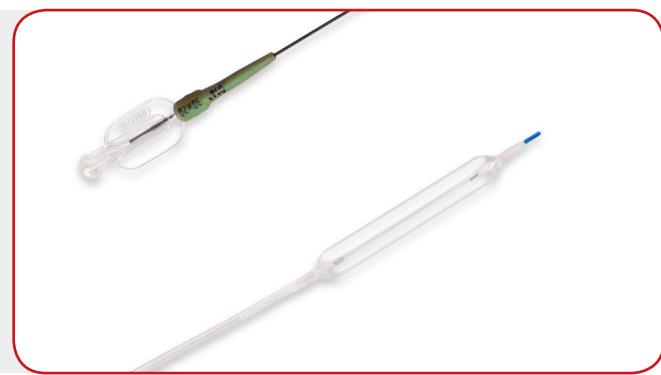
Nominal balloon diameter

Reference:	Dist	Prox	Nominal balloon length
CBB2.50x2.75x10140	2.50 mm	2.75 mm	
CBB2.50x3.25x10140	2.50 mm	3.25 mm	
CBB2.75x3.00x10140	2.75 mm	3.00 mm	
CBB2.75x3.50x10140	2.75 mm	3.50 mm	
CBB3.00x3.50x10140	3.00 mm	3.50 mm	
CBB3.00x3.75x10140	3.00 mm	3.75 mm	
CBB3.50x4.25x10140	3.50 mm	4.25 mm	
CBB3.75x4.50x10140	3.75 mm	4.50 mm	
CBB2.50x2.75x15140	2.50 mm	2.75 mm	10 mm
CBB2.50x3.25x15140	2.50 mm	3.25 mm	
CBB2.75x3.00x15140	2.75 mm	3.00 mm	
CBB2.75x3.50x15140	2.75 mm	3.50 mm	
CBB3.00x3.50x15140	3.00 mm	3.50 mm	
CBB3.00x3.75x15140	3.00 mm	3.75 mm	15 mm
CBB3.50x4.25x15140	3.50 mm	4.25 mm	
CBB3.75x4.50x15140	3.75 mm	4.50 mm	
CBB2.50X2.75X18140	2.50 mm	2.75 mm	
CBB2.50X3.25X18140	2.50 mm	3.25 mm	
CBB2.75X3.00X18140	2.75 mm	3.00 mm	
CBB2.75X3.50X18140	2.75 mm	3.50 mm	
CBB3.00X3.50X18140	3.00 mm	3.50 mm	18 mm
CBB3.00X3.75X18140	3.00 mm	3.75 mm	
CBB3.50X4.25X18140	3.50 mm	4.25 mm	
CBB3.75X4.50X18140	3.75 mm	4.50 mm	
CBB2.50X2.75X23140	2.50 mm	2.75 mm	
CBB2.50X3.25X23140	2.50 mm	3.25 mm	
CBB2.75X3.00X23140	2.75 mm	3.00 mm	
CBB2.75X3.50X23140	2.75 mm	3.50 mm	
CBB3.00X3.50X23140	3.00 mm	3.50 mm	23 mm
CBB3.00X3.75X23140	3.00 mm	3.75 mm	
CBB3.50X4.25X23140	3.50 mm	4.25 mm	
CBB3.75X4.50X23140	3.75 mm	4.50 mm	

When ordering use Ref. Number, e.g.: CBB2.50x2.75x10140.

CORONARY ANGIOPLASTY CATHETER Fryderyk

- Precision of manufacturing,easy to use
- High pressure-resistant
- Short inflation and deflation time



Technical information

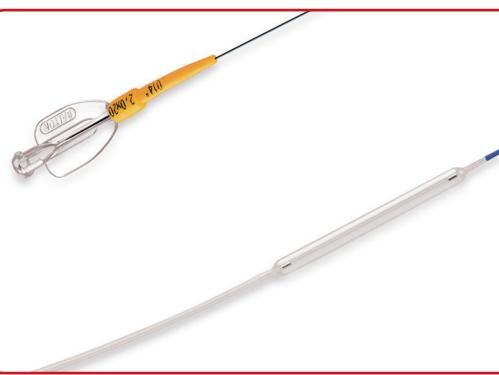
Nominal pressure	10 atm
Catheter length	140 cm
Use with guide wire	.014"
Use with guiding catheter	5F (.056")*

* for balloon diameter 4.5mm and 5.0mm use guiding catheter 6F (.064")

Reference:	Balloon diameter / length	Reference:	Balloon diameter / length	Reference:	Balloon diameter / length
CBA1.5x10140	1.5 / 10 mm	CBA2.75x10140	2.75 / 10 mm	CBA3.75x10140	3.75 / 10 mm
CBA1.5x15140	1.5 / 15 mm	CBA2.75x15140	2.75 / 15 mm	CBA3.75x15140	3.75 / 15 mm
CBA1.5x20140	1.5 / 20 mm	CBA2.75x20140	2.75 / 20 mm	CBA3.75x20140	3.75 / 20 mm
CBA1.5x25140	1.5 / 25 mm	CBA2.75x25140	2.75 / 25 mm	CBA3.75x25140	3.75 / 25 mm
CBA1.5x30140	1.5 / 30 mm	CBA2.75x30140	2.75 / 30 mm	CBA3.75x30140	3.75 / 30 mm
CBA1.5x35140	1.5 / 35 mm	CBA2.75x35140	2.75 / 35 mm	CBA3.75x35140	3.75 / 35 mm
CBA1.5x40140	1.5 / 40 mm	CBA2.75x40140	2.75 / 40 mm	CBA3.75x40140	3.75 / 40 mm
CBA1.75x10140	1.75 / 10 mm	CBA3.0x10140	3.0 / 10 mm	CBA4.0x10140	4.0 / 10 mm
CBA1.75x15140	1.75 / 15 mm	CBA3.0x15140	3.0 / 15 mm	CBA4.0x15140	4.0 / 15 mm
CBA1.75x20140	1.75 / 20 mm	CBA3.0x20140	3.0 / 20 mm	CBA4.0x20140	4.0 / 20 mm
CBA1.75x25140	1.75 / 25 mm	CBA3.0x25140	3.0 / 25 mm	CBA4.0x25140	4.0 / 25 mm
CBA1.75x30140	1.75 / 30 mm	CBA3.0x30140	3.0 / 30 mm	CBA4.0x30140	4.0 / 30 mm
CBA1.75x35140	1.75 / 35 mm	CBA3.0x35140	3.0 / 35 mm	CBA4.0x35140	4.0 / 35 mm
CBA1.75x40140	1.75 / 40 mm	CBA3.0x40140	3.0 / 40 mm	CBA4.0x40140	4.0 / 40 mm
CBA2.0x10140	2.0 / 10 mm	CBA3.25x10140	3.25 / 10 mm	CBA4.5x10140	4.5 / 10 mm
CBA2.0x15140	2.0 / 15 mm	CBA3.25x15140	3.25 / 15 mm	CBA4.5x15140	4.5 / 15 mm
CBA2.0x20140	2.0 / 20 mm	CBA3.25x20140	3.25 / 20 mm	CBA4.5x20140	4.5 / 20 mm
CBA2.0x25140	2.0 / 25 mm	CBA3.25x25140	3.25 / 25 mm	CBA4.5x25140	4.5 / 25 mm
CBA2.0x30140	2.0 / 30 mm	CBA3.25x30140	3.25 / 30 mm	CBA4.5x30140	4.5 / 30 mm
CBA2.0x35140	2.0 / 35 mm	CBA3.25x35140	3.25 / 35 mm	CBA4.5x35140	4.5 / 35 mm
CBA2.0x40140	2.0 / 40 mm	CBA3.25x40140	3.25 / 40 mm	CBA4.5x40140	4.5 / 40 mm
CBA2.25x10140	2.25 / 10 mm	CBA3.5x10140	3.5 / 10 mm	CBA5.0x10140	5.0 / 10 mm
CBA2.25x15140	2.25 / 15 mm	CBA3.5x15140	3.5 / 15 mm	CBA5.0x15140	5.0 / 15 mm
CBA2.25x20140	2.25 / 20 mm	CBA3.5x20140	3.5 / 20 mm	CBA5.0x20140	5.0 / 20 mm
CBA2.25x25140	2.25 / 25 mm	CBA3.5x25140	3.5 / 25 mm	CBA5.0x25140	5.0 / 25 mm
CBA2.25x30140	2.25 / 30 mm	CBA3.5x30140	3.5 / 30 mm	CBA5.0x30140	5.0 / 30 mm
CBA2.25x35140	2.25 / 35 mm	CBA3.5x35140	3.5 / 35 mm	CBA5.0x35140	5.0 / 35 mm
CBA2.25x40140	2.25 / 40 mm	CBA3.5x40140	3.5 / 40 mm	CBA5.0x40140	5.0 / 40 mm
CBA2.5x10140	2.5 / 10 mm				
CBA2.5x15140	2.5 / 15 mm				
CBA2.5x20140	2.5 / 20 mm				
CBA2.5x25140	2.5 / 25 mm				
CBA2.5x30140	2.5 / 30 mm				
CBA2.5x35140	2.5 / 35 mm				
CBA2.5x40140	2.5 / 40 mm				

When ordering use Ref. Number, e.g.: CBA1.5x20140.

CORONARY ANGIOPLASTY CATHETER **RIVER®**



- A low-profile angioplasty balloon catheter dedicated for narrow and tortuous vessel
- High flexibility
- Excellent pushability and manouverability

Technical information

Balloon material	nylon
Catheter coating	hydrophilic
Tip entry profile	.017" (0.43 mm)
Crossing profile	.025" (0.64 mm)
Proximal shaft diameter	1.8F (0.60 mm)
Distal shaft diameter	2.5F (0.84 mm)
Pushability and trackability	excellent
Inflation and deflation time	very short
Compatible guidewire	max. .014"
Compatible guiding catheter OD/ID	5F / .056"
Nominal pressure	8 atm
Catheter length	140 cm
Delivery system	Rapid Exchange

Reference:	Balloon diameter / length	Reference:	Balloon diameter / length	Reference:	Balloon diameter / length
CBR1.25x10140	1.25 / 10 mm	CBR2.25x10140	2.25 / 10 mm	CBR3.25x10140	3.25 / 10 mm
CBR1.25x15140	1.25 / 15 mm	CBR2.25x15140	2.25 / 15 mm	CBR3.25x15140	3.25 / 15 mm
CBR1.25x20140	1.25 / 20 mm	CBR2.25x20140	2.25 / 20 mm	CBR3.25x20140	3.25 / 20 mm
CBR1.25x25140	1.25 / 25 mm	CBR2.25x25140	2.25 / 25 mm	CBR3.25x25140	3.25 / 25 mm
CBR1.25x30140	1.25 / 30 mm	CBR2.25x30140	2.25 / 30 mm	CBR3.25x30140	3.25 / 30 mm
CBR1.25x35140	1.25 / 35 mm	CBR2.25x35140	2.25 / 35 mm	CBR3.25x35140	3.25 / 35 mm
CBR1.25x40140	1.25 / 40 mm	CBR2.25x40140	2.25 / 40 mm	CBR3.25x40140	3.25 / 40 mm
CBR1.50x10140	1.50 / 10 mm	CBR2.50x10140	2.50 / 10 mm	CBR3.50x10140	3.50 / 10 mm
CBR1.50x15140	1.50 / 15 mm	CBR2.50x15140	2.50 / 15 mm	CBR3.50x15140	3.50 / 15 mm
CBR1.50x20140	1.50 / 20 mm	CBR2.50x20140	2.50 / 20 mm	CBR3.50x20140	3.50 / 20 mm
CBR1.50x25140	1.50 / 25 mm	CBR2.50x25140	2.50 / 25 mm	CBR3.50x25140	3.50 / 25 mm
CBR1.50x30140	1.50 / 30 mm	CBR2.50x30140	2.50 / 30 mm	CBR3.50x30140	3.50 / 30 mm
CBR1.50x35140	1.50 / 35 mm	CBR2.50x35140	2.50 / 35 mm	CBR3.50x35140	3.50 / 35 mm
CBR1.50x40140	1.50 / 40 mm	CBR2.50x40140	2.50 / 40 mm	CBR3.50x40140	3.50 / 40 mm
CBR1.75x10140	1.75 / 10 mm	CBR2.75x10140	2.75 / 10 mm	CBR3.75x10140	3.75 / 10 mm
CBR1.75x15140	1.75 / 15 mm	CBR2.75x15140	2.75 / 15 mm	CBR3.75x15140	3.75 / 15 mm
CBR1.75x20140	1.75 / 20 mm	CBR2.75x20140	2.75 / 20 mm	CBR3.75x20140	3.75 / 20 mm
CBR1.75x25140	1.75 / 25 mm	CBR2.75x25140	2.75 / 25 mm	CBR3.75x25140	3.75 / 25 mm
CBR1.75x30140	1.75 / 30 mm	CBR2.75x30140	2.75 / 30 mm	CBR3.75x30140	3.75 / 30 mm
CBR1.75x35140	1.75 / 35 mm	CBR2.75x35140	2.75 / 35 mm	CBR3.75x35140	3.75 / 35 mm
CBR1.75x40140	1.75 / 40 mm	CBR2.75x40140	2.75 / 40 mm	CBR3.75x40140	3.75 / 40 mm
CBR2.00x10140	2.00 / 10 mm	CBR3.00x10140	3.00 / 10 mm	CBR4.00x10140	4.00 / 10 mm
CBR2.00x15140	2.00 / 15 mm	CBR3.00x15140	3.00 / 15 mm	CBR4.00x15140	4.00 / 15 mm
CBR2.00x20140	2.00 / 20 mm	CBR3.00x20140	3.00 / 20 mm	CBR4.00x20140	4.00 / 20 mm
CBR2.00x25140	2.00 / 25 mm	CBR3.00x25140	3.00 / 25 mm	CBR4.00x25140	4.00 / 25 mm
CBR2.00x30140	2.00 / 30 mm	CBR3.00x30140	3.00 / 30 mm	CBR4.00x30140	4.00 / 30 mm
CBR2.00x35140	2.00 / 35 mm	CBR3.00x35140	3.00 / 35 mm	CBR4.00x35140	4.00 / 35 mm
CBR2.00x40140	2.00 / 40 mm	CBR3.00x40140	3.00 / 40 mm	CBR4.00x40140	4.00 / 40 mm

When ordering use Ref. Number, e.g.: CBR1.50x20140.

BALTON®

CARDIOLOGY AND RADIOLOGY

2018.05

CORONARY ANGIOPLASTY CATHETER (for Chronic Total Occlusion)

RIVER® CTO

The world's smallest PTCA Balloon for CTO procedure - 0.75 mm

- Extraordinary flexibility
- Excellent pushability & trackability
- Unique tapered tip
- TWO markers for precise positioning in the vessel



Technical information

Balloon material	nylon
Catheter coating	hydrophilic
Tip entry profile	0.016"
Balloon diameters	0.75-1.25 mm
Balloon lengths	10-40 mm
Crossing profile	.023" (0.60 mm)
Pushability and trackability	excellent
Inflation and deflation time	very short
Compatible guidewire	max.0.14"
Compatible guiding catheter OD/ID	5F/0.056" (1.42 mm)
Nominal pressure	8 atm
Catheter length	140 cm
Delivery system	Rapid Exchange (RX)

Microballoons

Reference:	Balloon diameter	Balloon lenght
CBR0.75x10140CT02	0.75 mm	10 mm
CBR0.75x15140CT02	0.75 mm	15 mm
CBR0.75x20140CT02	0.75 mm	20 mm
CBR0.75x25140CT02	0.75 mm	25 mm
CBR0.75x30140CT02	0.75 mm	30 mm
CBR0.80x10140CT02	0.80 mm	10 mm
CBR0.80x15140CT02	0.80 mm	15 mm
CBR0.80x20140CT02	0.80 mm	20 mm
CBR0.80x25140CT02	0.80 mm	25 mm
CBR0.80x30140CT02	0.80 mm	30 mm
CBR0.90x10140CT02	0.90 mm	10 mm
CBR0.90x15140CT02	0.90 mm	15 mm
CBR0.90x20140CT02	0.90 mm	20 mm
CBR0.90x25140CT02	0.90 mm	25 mm
CBR0.90x30140CT02	0.90 mm	30 mm

Standard balloons

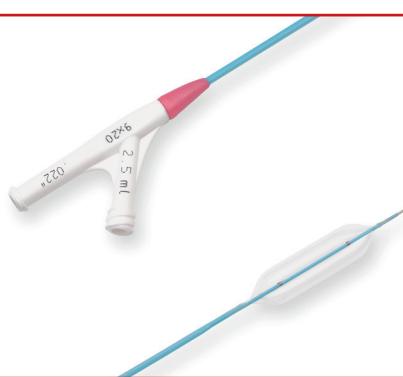
Reference:	Balloon diameter	Balloon lenght
CBR1.00x10140CT02	1.00 mm	10 mm
CBR1.00x15140CT02	1.00 mm	15 mm
CBR1.00x20140CT02	1.00 mm	20 mm
CBR1.00x25140CT02	1.00 mm	25 mm
CBR1.00x30140CT02	1.00 mm	30 mm
CBR1.25x10140CT02	1.25 mm	10 mm
CBR1.25x15140CT02	1.25 mm	15 mm
CBR1.25x20140CT02	1.25 mm	20 mm
CBR1.25x25140CT02	1.25 mm	25 mm
CBR1.25x30140CT02	1.25 mm	30 mm
CBR1.25x35140CT02	1.25 mm	35 mm
CBR1.25x40140CT02	1.25 mm	40 mm

When ordering use Ref. Number, e.g.: CBR0.75X30140CT02.

WE ALSO PROVIDE CATHETER WITH ONE MARKER.

When ordering the catheter with a single marker please replace CT02 with CT01 in the catalogue number, e.g.: CBR0.75X30140CT01.

BALLOON VALVULOPLASTY CATHETERS

Valver®

Valvuloplasty catheters are being used in surgical treatment of aortic valve stenosis.

Catheters' X-ray visible markers allows practitioners to establish the precise placement of the balloon.

PEDIATRIC VALVULOPLASTY CATHETER

Reference:	Nominal balloon diameter	Balloon length	Nominal pressure	RBP	Balloon capacity	Use with Introducer	Use with guide wire
VALP4X2070	4 mm	20 mm	2.0 atm	5 atm	1.0 ml	4F	.018"
VALP5X2070	5 mm	20 mm	2.0 atm	5 atm	1.1 ml	4F	.018"
VALP6X2070	6 mm	20 mm	2.0 atm	5 atm	1.2 ml	4F	.018"
VALP7X2070	7 mm	20 mm	2.0 atm	5 atm	1.6 ml	4F	.018"
VALP8X2070	8 mm	20 mm	2.0 atm	5 atm	1.9 ml	4F	.018"
VALP8X2570	8 mm	25 mm	2.5 atm	5 atm	2.0 ml	4F	.018"
VALP8X3070	8 mm	30 mm	2.5 atm	5 atm	2.5 ml	4F	.018"
VALP9X2070	9 mm	20 mm	2.5 atm	5 atm	2.5 ml	5F	.022"
VALP9X2570	9 mm	25 mm	2.5 atm	5 atm	2.8 ml	5F	.022"
VALP9X3070	9 mm	30 mm	2.5 atm	5 atm	3.4 ml	5F	.022"
VALP10X2070	10 mm	20 mm	2.5 atm	5 atm	2.7 ml	5F	.022"
VALP10X3070	10 mm	30 mm	2.5 atm	5 atm	3.6 ml	5F	.022"
VALP10X4070	10 mm	40 mm	2.5 atm	5 atm	4.4 ml	5F	.022"
VALP11X2070	11 mm	20 mm	2.5 atm	5 atm	3.3 ml	5F	.022"
VALP11X3070	11 mm	30 mm	2.5 atm	5 atm	4.2 ml	5F	.022"
VALP12X2070	12 mm	20 mm	2.5 atm	5 atm	3.5 ml	5F	.022"
VALP12X3070	12 mm	30 mm	2.5 atm	5 atm	5.3 ml	5F	.022"
VALP12X4070	12 mm	40 mm	2.5 atm	5 atm	6.8 ml	5F	.022"
VALP13X2070	13 mm	20 mm	2.5 atm	5 atm	5.0 ml	7F	.035"
VALP13X4070	13 mm	40 mm	2.5 atm	5 atm	7.0 ml	7F	.035"
VALP14X2570	14 mm	25 mm	2.5 atm	5 atm	6.0 ml	7F	.035"
VALP14X4070	14 mm	40 mm	2.5 atm	5 atm	9.0 ml	7F	.035"
VALP15X2570	15 mm	25 mm	2.5 atm	5 atm	7.5 ml	7F	.035"
VALP15X4070	15 mm	40 mm	2.5 atm	5 atm	10.0 ml	7F	.035"

When ordering use Ref. Number, e.g.: VALP15x4070.

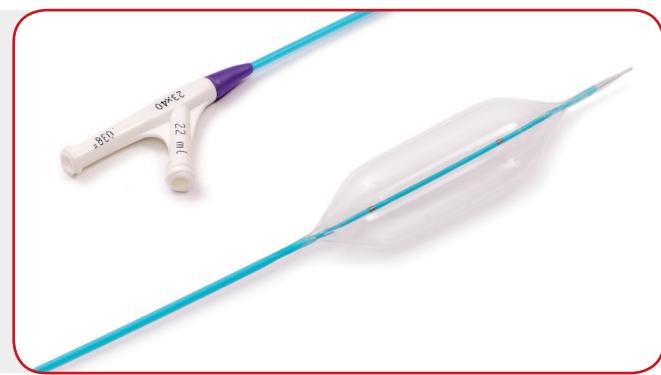
The standard length of delivery system is 70 cm, however 110 cm length can be also ordered for the balloon diameters from 9 mm to 15 mm.

ADULT VALVULOPLASTY CATHETER

Valver®

Valvuloplasty catheters are being used in surgical treatment of aortic valve stenosis.

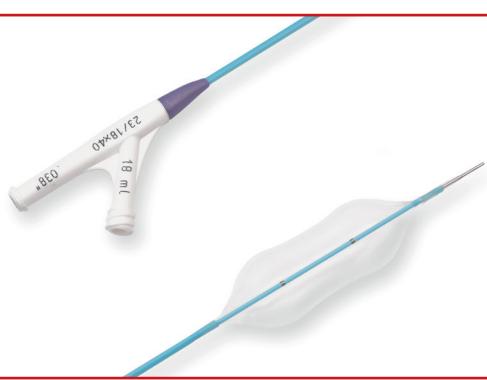
Catheters' X-ray visible markers allows practitioners to establish the precise placement of the balloon.



Reference:	Nominal balloon diameter	Balloon length	Nominal pressure	RBP	Balloon capacity	Use with Introducer	Use with guide wire
VAL15X25110	15 mm	25 mm	2.5 atm	5 atm	7.5 ml	7F	.035"
VAL15X40110	15 mm	40 mm	2.5 atm	5 atm	10.0 ml	7F	.035"
VAL16X25110	16 mm	25 mm	2.5 atm	5 atm	9.0 ml	8F	.038"
VAL16X40110	16 mm	40 mm	2.5 atm	5 atm	11.0 ml	8F	.038"
VAL16X45110	16 mm	45 mm	2.5 atm	5 atm	12.0 ml	8F	.038"
VAL18X30110	18 mm	30 mm	2.5 atm	5 atm	13.0 ml	9F	.038"
VAL18X40110	18 mm	40 mm	2.5 atm	5 atm	15.0 ml	9F	.038"
VAL18X45110	18 mm	45 mm	2.5 atm	5 atm	15.2 ml	9F	.038"
VAL18X60110	18 mm	60 mm	2.5 atm	5 atm	20.0 ml	9F	.038"
VAL20X40110	20 mm	40 mm	2.5 atm	5 atm	17.5 ml	9F	.038"
VAL20X45110	20 mm	45 mm	2.5 atm	5 atm	19.0 ml	9F	.038"
VAL20X60110	20 mm	60 mm	2.5 atm	5 atm	21.0 ml	9F	.038"
VAL23X40110	23 mm	40 mm	2.5 atm	5 atm	22.0 ml	10F	.038"
VAL23X45110	23 mm	45 mm	2.5 atm	5 atm	23.0 ml	10F	.038"
VAL23X60110	23 mm	60 mm	2.5 atm	5 atm	29.0 ml	10F	.038"
VAL25X40110	25 mm	40 mm	2.5 atm	5 atm	27.0 ml	12F	.038"
VAL25X45110	25 mm	45 mm	2.5 atm	4 atm	28.0 ml	12F	.038"
VAL25X50110	25 mm	50 mm	2.5 atm	4 atm	29.0 ml	12F	.038"
VAL28X40110	28 mm	40 mm	2.0 atm	3 atm	35.0 ml	12F	.038"
VAL28X50110	28 mm	50 mm	2.0 atm	3 atm	40.0 ml	12F	.038"
VAL28X60110	28 mm	60 mm	2.0 atm	3 atm	44.0 ml	12F	.038"
VAL30X50110	30 mm	50 mm	2.0 atm	3 atm	53.0 ml	16F	.038"
VAL30X60110	30 mm	60 mm	2.0 atm	3 atm	65.0 ml	16F	.038"
VAL35X60110	35 mm	60 mm	2.0 atm	3 atm	90.0 ml	16F	.038"

When ordering use Ref. Number, e.g.: VAL35X60110.

VALVULOPLASTY CATHETER TYPE B *Valver*®



Valvuloplasty catheters are being used in surgical treatment of aortic valve stenosis.

Catheters' X-ray visible markers allows practitioners to establish the precise placement of the balloon.

Reference:	Nominal balloon diameter			Balloon length	Nominal pressure	RBP	Balloon capacity	Use with Introducer	Use with guide wire
	Prox.	Mid.	Dist.						
VALB231823X40110	23 mm	18 mm	23 mm	25 mm	3.0 atm	5 atm	18.0 ml	14F	.038"
VALB252025X40110	25 mm	20 mm	25 mm	40 mm	3.0 atm	5 atm	23.0 ml	14F	.038"
VALB282328X40110	28 mm	23 mm	28 mm	25 mm	2.0 atm	3 atm	33.0 ml	16F	.038"
VALB312631X40110	31 mm	26 mm	31 mm	60 mm	2.0 atm	3 atm	40.0 ml	16F	.038"

The special design – allows precise and easy positioning in the valve, ensuring excellent stability to the valvuloplasty balloon catheter. Thanks to its features it also guarantees optimal performance in TAVI installation.

When ordering use Ref. Number, e.g.: VALB312631x40110.

INTRA-AORTIC BALLOON CATHETER SET

Set components:

IABC catheter	vessel dilatator 6F
syringe Luer – Lock 50ml	vessel dilatator 7.5F/8F
one way connector	three way stopcock
pressure tubing with three – way stopcock	scalpel
introducer sheath with haemostasis valve	drain extender with ARR connector
guide wire "J" .025" x 150 cm teflon coated	drain extender with DAT connector
guide wire "J" .035" x 50 cm	
angiographic needle 18G x 7 cm	
pressure tubing Luer – Lock 150 cm	



A balloon catheter for intra-aortic countrapulsation (IABC) is made of athrombogenic and apyrogenic materials, it is covered with a hydrophilic coating. A wide range of balloon capacities enables a precise selection of a balloon size to the patient's height.

Catheter's construction enables its direct introduction into an artery (after a previous widening of a place of an insertion using a vascular dilator) without an introducer or with a use of an arterial introducer included in the set.

A smooth connection between a balloon and a catheter guarantees an optimal haemostasis in a place of insertion while introducing a catheter without an introducer.

The catheters are compatible with pumps produced by Datascope and Arrow.

Characteristics of intra aortic catheter set:

- Smooth transition between balloon and external pipe, that reducing risk of bleeding.
- Low profile PU balloon allowing easier introduction through introducer sheath,
- Atraumatic soft tip visible in a scopy.
- Co – axial design, reduced helium flow resistance.
- Special construction of IABC catheters makes them flexibility and kink resistance.

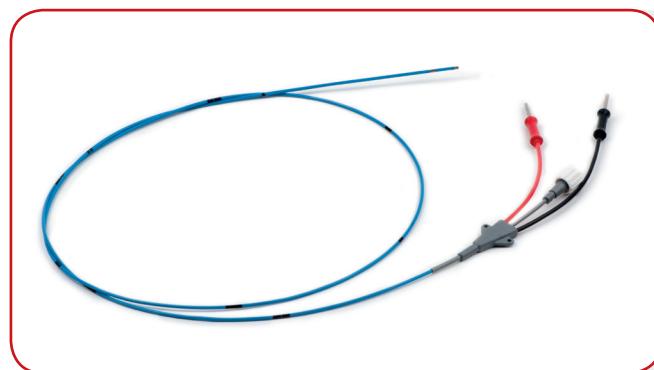
Reference:	Balloon volume	Dimensions of the balloon		Patient height	Shaft size	Guide wire diameter	Insertion length
		Length	Diameter				
IABC7.5F20	* 20 ml	170 mm	13.5 mm	< 145 cm	7.5F	.025"	765 mm
IABC7.5F25	* 25 ml	180 mm	13.5 mm	< 145 cm	7.5F	.025"	765 mm
IABC7.5F30	* 30 ml	190 mm	14.7 mm	145 – 160 cm	7.5F	.025"	765 mm
IABC7.5F34	* 34 ml	220 mm	14.7 mm	155 – 165 cm	7.5F	.025"	765 mm
IABC7.5F40	* 40 ml	250 mm	15.0 mm	160 – 183 cm	7.5F	.025"	765 mm
IABC7.5F50	* 50 ml	260 mm	16.3 mm	> 183 cm	7.5F	.025"	765 mm
IABC8F20	* 20 ml	170 mm	13.5 mm	< 145 cm	8F	.025"	765 mm
IABC8F25	* 25 ml	180 mm	13.5 mm	< 145 cm	8F	.025"	765 mm
IABC8F30	* 30 ml	190 mm	14.7 mm	145 – 160 cm	8F	.025"	765 mm
IABC8F34	* 34 ml	220 mm	14.7 mm	155 – 165 cm	8F	.025"	765 mm
IABC8F40	* 40 ml	250 mm	15.0 mm	160 – 183 cm	8F	.025"	765 mm
IABC8F50	* 50 ml	260 mm	16.3 mm	> 183 cm	8F	.025"	765 mm

* Only for MAQUET(Datascope)

When ordering use Ref. Number, e.g.: IABC8F50.

TEMPORARY TRANSVENOUS BIPOLAR PACING ELECTRODE

for cardiac electrostimulation



Temporary Transvenous Bipolar Pacing Electrode is used for cardiac electrostimulation in acute medical conditions caused by disorders in stimuli creation or conduction. It is applied until the cause of such disorder (electrolyte imbalance, acute phase or cardiac infarction) is removed or until permanent cardiac electrostimulation is implemented, i.e. single or dual chamber cardiac pacemaker is implanted.

Endocavitory electrode is introduced intravenously, most frequently from the access through subclavian right vein or cervical right internal vein, less frequently through femoral vein.

Reference:	Catheter size	Interval between leads	Type of tip	Hub colour	Use with introducer
ECSS5FYZ	5F	4-16mm	z formable (identified by the letter F) type S (identified by the letter S) curved (identified by the letter Z)	grey	5F
ECSS6FYZ	6F	4-16 mm	z formable (identified by the letter F) type S (identified by the letter S) curved (identified by the letter Z)	green	6F
ECSS7FYZ	7F	4-16 mm	z formable (identified by the letter F) type S (identified by the letter S) curved (identified by the letter Z)	orange	7F

When ordering use Ref. Number, e.g.: ECSS5F10F, catheter size 5F, interval between leads 10 mm, type of tip formable (identified by letter F).

SETS TO INTRODUCE ENDOCAVITARY ELECTRODES with a peel-away sleeve

Set components:

peel-away sleeve
needle
guide wire
dilatator



Reference:	Sleeve size / length	Dilatator size	One-piece angiographic needle size / length	Guide wire size / length / type
ZWERK6F	6F / 130 mm	6F	18G / 7 cm	.035" / 48 cm / "J"
ZWERK6F30	6F / 300 mm	6F	18G / 7 cm	.035" / 60 cm / "J"
ZWERK7F	7F / 130 mm	7F	18G / 7 cm	.035" / 48 cm / "J"
ZWERK7F30	7F / 300 mm	7F	18G / 7 cm	.035" / 60 cm / "J"
ZWERK9F	9F / 130 mm	9F	18G / 7 cm	.035" / 48 cm / "J"
ZWERK9F30	9F / 300 mm	9F	18G / 7 cm	.035" / 60 cm / "J"
ZWERK10F	10F / 130 mm	10F	18G / 7 cm	.035" / 48 cm / "J"
ZWERK10F30	10F / 300 mm	10F	18G / 7 cm	.035" / 60 cm / "J"

The set is used for the introduction of endocavitory electrodes for temporary and continuous stimulation by inserting a needle into the relevant vein. The application of this set significantly shortens the time of electrode implantation procedure as compared with alternative methods such as preparation of adequate veins. The skin incision is only 1 cm long, which considerably increases the procedure comfort.

Due to shortened procedure time and smaller injury size, infection risk is reduced.

NOTE: Peel-away sleeve sheath with hydrophilic coating is also available to order.

When ordering use Ref. Number, e.g.: ZWERK10F.

PERICARDIAL DRAINAGE SET used to drain fluid from the pericardial sac



Set components:

catheter
straight needle
guide wire
regular syringe

Reference:	Catheter size / length	Angiographic needle size / length	Guide wire size / length / type
ZDW06F	6F / 30 cm	18G / 12 cm	.038" / 48 cm / "J"
ZDW07F	7F / 30 cm	18G / 12 cm	.038" / 48 cm / "J"
ZDW08F	8F / 30 cm	18G / 12 cm	.038" / 48 cm / "J"
ZDW09F	9F / 30 cm	18G / 12 cm	.038" / 48 cm / "J"

The ZDWO drainage system is used if fluid has to be removed from the pericardial sac pursuant to emergency (pericardium tamponade) or scheduled indications. It can also be used to collect fluid from the pericardial sac for diagnostic purposes.

It comprises modification consisting in simplification of previously applied sets, which may shorten procedure time. The required softness and elasticity of the materials improves safety of the procedure. The drainage system allows complete removal of the fluid from the pericardial sac. Ultrasound control is recommended during the procedure for the safety reasons.

When ordering use Ref. Number, e.g.: ZDW09F.

COBALT-CHROMIUM STENT FOR RENAL VESSELS *Nefro-C*

with delivery system Rapid Exchange (RX)

- Cobalt chromium material
- Excellent flexibility
- Low strut thickness
- Very low profile



Technical information

Material	cobalt-chromium alloy L605
Radiopacity	very good
Radial force	high
Deflated time	very short
Pushability of delivery system	very good
Crossing profile	low
Ferromagnetism	none
MRI	safe
Use with guide wire max	.014"
Nominal pressure	8 atm
Catheter length	140 cm

Reference:	Nominal stent diameter	Nominal stent length	Use with guiding catheter 6F
ZSTN5x814140C	5.0 mm	8.0 mm	
ZSTN5x1014140C	5.0 mm	10.0 mm	
ZSTN5x1214140C	5.0 mm	12.0 mm	
ZSTN5x1414140C	5.0 mm	14.0 mm	
ZSTN5x1614140C	5.0 mm	16.0 mm	ID .066"
ZSTN5x1814140C	5.0 mm	18.0 mm	
ZSTN5x2014140C	5.0 mm	20.0 mm	
ZSTN5x2214140C	5.0 mm	22.0 mm	
ZSTN5x2514140C	5.0 mm	22.0 mm	
ZSTN6x1014140C	6.0 mm	10.0 mm	
ZSTN6x1214140C	6.0 mm	12.0 mm	
ZSTN6x1414140C	6.0 mm	14.0 mm	
ZSTN6x1614140C	6.0 mm	16.0 mm	
ZSTN6x1814140C	6.0 mm	18.0 mm	ID .066"
ZSTN6x2014140C	6.0 mm	20.0 mm	
ZSTN6x2214140C	6.0 mm	22.0 mm	
ZSTN6x2514140C	6.0 mm	22.0 mm	
ZSTN7x1214140C	7.0 mm	12.0 mm	
ZSTN7x1414140C	7.0 mm	14.0 mm	
ZSTN7x1614140C	7.0 mm	16.0 mm	
ZSTN7x1814140C	7.0 mm	18.0 mm	
ZSTN7x2014140C	7.0 mm	20.0 mm	ID .071"
ZSTN7x2214140C	7.0 mm	22.0 mm	
ZSTN7x2514140C	5.0 mm	22.0 mm	

When ordering use Ref. Number, e.g.: ZSTN7x2514140C.

STENT FOR PERIPHERAL VESSELS NEPTUN with OTW delivery system



The Neptun is a peripheral stent mounted on a balloon and manufactured using the latest laser technology.

The unique design of this stent guarantees its correct and foolproof implantation in the wall of an artery. Due to the interconnections between the stent segments, its capacity to fit the shape of the artery is increased.

Technical information

Material	stainless steel 316LVM
Radiopacity	good
Ferromagnetism	none
MRI	safe
Foreshortening	< 5%
Radial force	excellent
Pushability and trackability	very good
Catheter shaft	5F
Use with guide wire	.035"
Nominal pressure	6 atm
Available delivery system length	80 cm, 110 cm, 135 cm

Reference:	Stent diameter / length	Use with introducer	Reference:	Stent diameter / length	Use with introducer
ZSTP4x1635110	4 mm / 16 mm	6F	ZSTP6x1635110	6 mm / 16 mm	6F
ZSTP4x2035110	4 mm / 20 mm	6F	ZSTP6x2035110	6 mm / 20 mm	6F
ZSTP4x2535110	4 mm / 25 mm	6F	ZSTP6x2535110	6 mm / 25 mm	6F
ZSTP4x3035110	4 mm / 30 mm	6F	ZSTP6x3035110	6 mm / 30 mm	6F
ZSTP4x3535110	4 mm / 35 mm	6F	ZSTP6x3535110	6 mm / 35 mm	6F
ZSTP4x4035110	4 mm / 40 mm	6F	ZSTP6x4035110	6 mm / 40 mm	6F
ZSTP4x4535110	4 mm / 45 mm	6F	ZSTP6x4535110	6 mm / 45 mm	6F
ZSTP4x5035110	4 mm / 50 mm	6F	ZSTP6x5035110	6 mm / 50 mm	6F
ZSTP4x6035110	4 mm / 60 mm	6F	ZSTP6x6035110	6 mm / 60 mm	6F
ZSTP4x7035110	4 mm / 70 mm	6F	ZSTP6x7035110	6 mm / 70 mm	6F
ZSTP4x8035110	4 mm / 80 mm	6F	ZSTP6x8035110	6 mm / 80 mm	6F
ZSTP5x1635110	5 mm / 16 mm	6F	ZSTP7x1635110	7 mm / 16 mm	6F
ZSTP5x2035110	5 mm / 20 mm	6F	ZSTP7x2035110	7 mm / 20 mm	6F
ZSTP5x2535110	5 mm / 25 mm	6F	ZSTP7x2535110	7 mm / 25 mm	6F
ZSTP5x3035110	5 mm / 30 mm	6F	ZSTP7x3035110	7 mm / 30 mm	6F
ZSTP5x3535110	5 mm / 35 mm	6F	ZSTP7x3535110	7 mm / 35 mm	6F
ZSTP5x4035110	5 mm / 40 mm	6F	ZSTP7x4035110	7 mm / 40 mm	6F
ZSTP5x4535110	5 mm / 45 mm	6F	ZSTP7x4535110	7 mm / 45 mm	6F
ZSTP5x5035110	5 mm / 50 mm	6F	ZSTP7x5035110	7 mm / 50 mm	6F
ZSTP5x6035110	5 mm / 60 mm	6F	ZSTP7x6035110	7 mm / 60 mm	6F
ZSTP5x7035110	5 mm / 70 mm	6F	ZSTP7x7035110	7 mm / 70 mm	6F
ZSTP5x8035110	5 mm / 80 mm	6F	ZSTP7x8035110	7 mm / 80 mm	6F

Reference:	Stent diameter / length	Use with introducer	Reference:	Stent diameter / length	Use with introducer
ZSTP8x1635110	8 mm / 16 mm	6F	ZSTP10x1635110	10 mm / 16 mm	7F
ZSTP8x2035110	8 mm / 20 mm	6F	ZSTP10x2035110	10 mm / 20 mm	7F
ZSTP8x2535110	8 mm / 25 mm	6F	ZSTP10x2535110	10 mm / 25 mm	7F
ZSTP8x3035110	8 mm / 30 mm	6F	ZSTP10x3035110	10 mm / 30 mm	7F
ZSTP8x3535110	8 mm / 35 mm	6F	ZSTP10x3535110	10 mm / 35 mm	7F
ZSTP8x4035110	8 mm / 40 mm	6F	ZSTP10x4035110	10 mm / 40 mm	7F
ZSTP8x4535110	8 mm / 45 mm	6F	ZSTP10x4535110	10 mm / 45 mm	7F
ZSTP8x5035110	8 mm / 50 mm	6F	ZSTP10x5035110	10 mm / 50 mm	7F
ZSTP8x6035110	8 mm / 60 mm	6F	ZSTP10x6035110	10 mm / 60 mm	7F
ZSTP8x7035110	8 mm / 70 mm	6F	ZSTP10x7035110	10 mm / 70 mm	7F
ZSTP8x8035110	8 mm / 80 mm	6F	ZSTP10x8035110	10 mm / 80 mm	7F
ZSTP9x1635110	9 mm / 16 mm	7F	 	 	
ZSTP9x2035110	9 mm / 20 mm	7F	 	 	
ZSTP9x2535110	9 mm / 25 mm	7F	 	 	
ZSTP9x3035110	9 mm / 30 mm	7F	 	 	
ZSTP9x3535110	9 mm / 35 mm	7F	 	 	
ZSTP9x4035110	9 mm / 40 mm	7F	 	 	
ZSTP9x4535110	9 mm / 45 mm	7F	 	 	
ZSTP9x5035110	9 mm / 50 mm	7F	 	 	
ZSTP9x6035110	9 mm / 60 mm	7F	 	 	
ZSTP9x7035110	9 mm / 70 mm	7F	 	 	
ZSTP9x8035110	9 mm / 80 mm	7F	 	 	

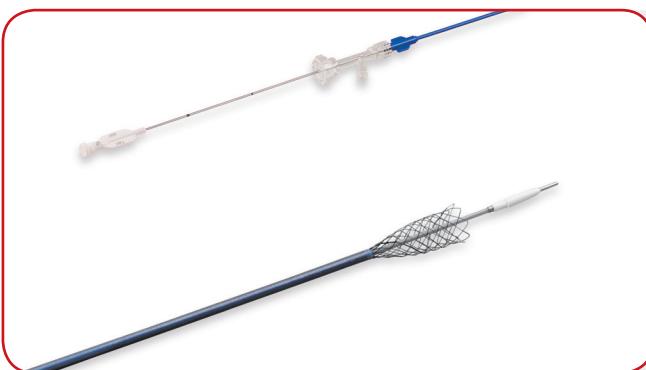
When ordering use Ref. Number, e.g.: ZSTP10x4535110.

NOTE: The Balton company manufactures the same Neptun stents assortment with 80cm and 135cm catheters.

When ordering, in reference number 110 should be replaced by 80 or 135.

When ordering use Ref. Number, e.g.: ZSTP10x503580 or ZSTP10x5035135.

SELF-EXPANDING NITINOL STENT *Jaguar* with delivery system



The Jaguar self-expanding nitinol stent with a delivery system is recommended for percutaneous intravascular deployment in patients with atherosclerotic, radiation and trauma-induced stenoses. It is a product of the engineers and physicians and encompasses all newest materials, technologies and trends in design of vascular stents.

The Jaguar is valued by specialists in vascular interventions because it allows the broad spectrum of angioplastic approaches including the "cross-over" technique. Unlike most of the currently available stents the position of Jaguar self-expanding stent not only can be modified during the intravascular deployment, but also it can be safely withdrawn and repositioned during the same medical procedure. The soft and rounded tip of delivery system is atraumatic towards the arterial wall.

The Jaguar stent easily adapts its shape to the arterial wall and does not dislocate itself after deployment. The elasticity of the stent as well as flexibility of the delivery system allows the use of Jaguar even in tortuous vessels.

- Made of nitinol wire (NiTi) – material with higher biocompatibility level and corrosion resistance than medical AISI 316L stainless steel
- Made in one-wire technology, without any welds and solders
- Special construction of the stent provides a good adhere to the arterial wall
- Platinum markers on the stent endings which allow precise implantation
- Special construction of the delivery system make to correction of stent position inside a vessel possible even after the partial stent release
- Elevated ends of the stent eliminating „fish mouth“ effect and stent migration
- High radial force
- High flexibility of the „Jaguar“ stent effects in excellent adaptation to vessel curvature

Technical information

Nominal stent diameters	4 - 14 mm
Nominal stent lengths	15 - 150 mm
Available delivery system working length	80 cm, 135 cm
Delivery system 6F	For stents: diameter: 4 - 10 mm
Delivery system 8F	For stents: diameter: 12 - 14 mm
Available for use with a guidewire	.035" or .018"
Delivery system type	OTW

6F delivery system with hydrophilic coating.

Reference:	Stent diameter	Stent length	Use with introducer	Use with guide wire	Delivery system working length
ZNSJ4x1518135	4 mm	15 mm	6F	.018"	135 cm
ZNSJ4x2018135	4 mm	20 mm	6F	.018"	135 cm
ZNSJ4x3018135	4 mm	30 mm	6F	.018"	135 cm
ZNSJ4x4018135	4 mm	40 mm	6F	.018"	135 cm
ZNSJ4x5018135	4 mm	50 mm	6F	.018"	135 cm
ZNSJ4x6018135	4 mm	60 mm	6F	.018"	135 cm
ZNSJ4x7018135	4 mm	70 mm	6F	.018"	135 cm
ZNSJ4x8018135	4 mm	80 mm	6F	.018"	135 cm
ZNSJ4x9018135	4 mm	90 mm	6F	.018"	135 cm
ZNSJ4x10018135	4 mm	100 mm	6F	.018"	135 cm
ZNSJ4x11018135	4 mm	110 mm	6F	.018"	135 cm
ZNSJ4x12018135	4 mm	120 mm	6F	.018"	135 cm
ZNSJ4x1535135	4 mm	15 mm	6F	.035"	135 cm
ZNSJ4x2035135	4 mm	20 mm	6F	.035"	135 cm
ZNSJ4x3035135	4 mm	30 mm	6F	.035"	135 cm
ZNSJ4x4035135	4 mm	40 mm	6F	.035"	135 cm
ZNSJ4x5035135	4 mm	50 mm	6F	.035"	135 cm
ZNSJ4x6035135	4 mm	60 mm	6F	.035"	135 cm
ZNSJ4x7035135	4 mm	70 mm	6F	.035"	135 cm
ZNSJ4x8035135	4 mm	80 mm	6F	.035"	135 cm
ZNSJ4x9035135	4 mm	90 mm	6F	.035"	135 cm
ZNSJ4x10035135	4 mm	100 mm	6F	.035"	135 cm
ZNSJ4x11035135	4 mm	110 mm	6F	.035"	135 cm
ZNSJ4x12035135	4 mm	120 mm	6F	.035"	135 cm
ZNSJ5x1518135	5 mm	15 mm	6F	.018"	135 cm
ZNSJ5x2018135	5 mm	20 mm	6F	.018"	135 cm
ZNSJ5x3018135	5 mm	30 mm	6F	.018"	135 cm
ZNSJ5x4018135	5 mm	40 mm	6F	.018"	135 cm
ZNSJ5x5018135	5 mm	50 mm	6F	.018"	135 cm
ZNSJ5x6018135	5 mm	60 mm	6F	.018"	135 cm
ZNSJ5x7018135	5 mm	70 mm	6F	.018"	135 cm
ZNSJ5x8018135	5 mm	80 mm	6F	.018"	135 cm
ZNSJ5x9018135	5 mm	90 mm	6F	.018"	135 cm
ZNSJ5x10018135	5 mm	100 mm	6F	.018"	135 cm
ZNSJ5x11018135	5 mm	110 mm	6F	.018"	135 cm
ZNSJ5x12018135	5 mm	120 mm	6F	.018"	135 cm
ZNSJ5x15018135	5 mm	150 mm	6F	.018"	135 cm
ZNSJ5x1535135	5 mm	15 mm	6F	.035"	135 cm
ZNSJ5x2035135	5 mm	20 mm	6F	.035"	135 cm
ZNSJ5x3035135	5 mm	30 mm	6F	.035"	135 cm
ZNSJ5x4035135	5 mm	40 mm	6F	.035"	135 cm
ZNSJ5x5035135	5 mm	50 mm	6F	.035"	135 cm
ZNSJ5x6035135	5 mm	60 mm	6F	.035"	135 cm
ZNSJ5x7035135	5 mm	70 mm	6F	.035"	135 cm
ZNSJ5x8035135	5 mm	80 mm	6F	.035"	135 cm
ZNSJ5x9035135	5 mm	90 mm	6F	.035"	135 cm
ZNSJ5x10035135	5 mm	100 mm	6F	.035"	135 cm
ZNSJ5x11035135	5 mm	110 mm	6F	.035"	135 cm
ZNSJ5x12035135	5 mm	120 mm	6F	.035"	135 cm
ZNSJ5x15035135	5 mm	150 mm	6F	.035"	135 cm

Reference:	Stent diameter	Stent length	Use with introducer	Use with guide wire	Delivery system working length
ZNSJ6x20356135	6 mm	20 mm	6F	.035"	135 cm
ZNSJ6x30356135	6 mm	30 mm	6F	.035"	135 cm
ZNSJ6x40356135	6 mm	40 mm	6F	.035"	135 cm
ZNSJ6x50356135	6 mm	50 mm	6F	.035"	135 cm
ZNSJ6x60356135	6 mm	60 mm	6F	.035"	135 cm
ZNSJ6x70356135	6 mm	70 mm	6F	.035"	135 cm
ZNSJ6x80356135	6 mm	80 mm	6F	.035"	135 cm
ZNSJ6x90356135	6 mm	90 mm	6F	.035"	135 cm
ZNSJ6x100356135	6 mm	100 mm	6F	.035"	135 cm
ZNSJ6x110356135	6 mm	110 mm	6F	.035"	135 cm
ZNSJ6x120356135	6 mm	120 mm	6F	.035"	135 cm
ZNSJ6x150356135	6 mm	150 mm	6F	.035"	135 cm
ZNSJ7x20356135	7 mm	20 mm	6F	.035"	135 cm
ZNSJ7x30356135	7 mm	30 mm	6F	.035"	135 cm
ZNSJ7x40356135	7 mm	40 mm	6F	.035"	135 cm
ZNSJ7x50356135	7 mm	50 mm	6F	.035"	135 cm
ZNSJ7x60356135	7 mm	60 mm	6F	.035"	135 cm
ZNSJ7x70356135	7 mm	70 mm	6F	.035"	135 cm
ZNSJ7x80356135	7 mm	80 mm	6F	.035"	135 cm
ZNSJ7x90356135	7 mm	90 mm	6F	.035"	135 cm
ZNSJ7x100356135	7 mm	100 mm	6F	.035"	135 cm
ZNSJ7x110356135	7 mm	110 mm	6F	.035"	135 cm
ZNSJ7x120356135	7 mm	120 mm	6F	.035"	135 cm
ZNSJ7x150356135	7 mm	150 mm	6F	.035"	135 cm
ZNSJ8x20356135	8 mm	20 mm	6F	.035"	135 cm
ZNSJ8x30356135	8 mm	30 mm	6F	.035"	135 cm
ZNSJ8x40356135	8 mm	40 mm	6F	.035"	135 cm
ZNSJ8x50356135	8 mm	50 mm	6F	.035"	135 cm
ZNSJ8x60356135	8 mm	60 mm	6F	.035"	135 cm
ZNSJ8x70356135	8 mm	70 mm	6F	.035"	135 cm
ZNSJ8x80356135	8 mm	80 mm	6F	.035"	135 cm
ZNSJ8x90356135	8 mm	90 mm	6F	.035"	135 cm
ZNSJ8x100356135	8 mm	100 mm	6F	.035"	135 cm
ZNSJ8x110356135	8 mm	110 mm	6F	.035"	135 cm
ZNSJ8x120356135	8 mm	120 mm	6F	.035"	135 cm
ZNSJ8x150356135	8 mm	150 mm	6F	.035"	135 cm
ZNSJ9x20356135	9 mm	20 mm	6F	.035"	135 cm
ZNSJ9x30356135	9 mm	30 mm	6F	.035"	135 cm
ZNSJ9x40356135	9 mm	40 mm	6F	.035"	135 cm
ZNSJ9x50356135	9 mm	50 mm	6F	.035"	135 cm
ZNSJ9x60356135	9 mm	60 mm	6F	.035"	135 cm
ZNSJ9x70356135	9 mm	70 mm	6F	.035"	135 cm
ZNSJ9x80356135	9 mm	80 mm	6F	.035"	135 cm
ZNSJ9x90356135	9 mm	90 mm	6F	.035"	135 cm
ZNSJ9x100356135	9 mm	100 mm	6F	.035"	135 cm
ZNSJ9x110356135	9 mm	110 mm	6F	.035"	135 cm
ZNSJ9x120356135	9 mm	120 mm	6F	.035"	135 cm
ZNSJ9x150356135	9 mm	150 mm	6F	.035"	135 cm
ZNSJ10x20356135	10 mm	20 mm	6F	.035"	135 cm
ZNSJ10x30356135	10 mm	30 mm	6F	.035"	135 cm
ZNSJ10x40356135	10 mm	40 mm	6F	.035"	135 cm
ZNSJ10x50356135	10 mm	50 mm	6F	.035"	135 cm
ZNSJ10x60356135	10 mm	60 mm	6F	.035"	135 cm
ZNSJ10x70356135	10 mm	70 mm	6F	.035"	135 cm
ZNSJ10x80356135	10 mm	80 mm	6F	.035"	135 cm
ZNSJ10x90356135	10 mm	90 mm	6F	.035"	135 cm
ZNSJ10x100356135	10 mm	100 mm	6F	.035"	135 cm
ZNSJ10x110356135	10 mm	110 mm	6F	.035"	135 cm
ZNSJ10x120356135	10 mm	120 mm	6F	.035"	135 cm
ZNSJ10x150356135	10 mm	150 mm	6F	.035"	135 cm

8F delivery system with hydrophilic coating.

Reference:	Stent diameter	Stent length	Use with introducer	Use with guide wire	Delivery system working length
ZNSJ12x2035135	12 mm	20 mm	8F	.035"	135 cm
ZNSJ12x3035135	12 mm	30 mm	8F	.035"	135 cm
ZNSJ12x4035135	12 mm	40 mm	8F	.035"	135 cm
ZNSJ12x5035135	12 mm	50 mm	8F	.035"	135 cm
ZNSJ12x6035135	12 mm	60 mm	8F	.035"	135 cm
ZNSJ12x7035135	12 mm	70 mm	8F	.035"	135 cm
ZNSJ12x8035135	12 mm	80 mm	8F	.035"	135 cm
ZNSJ14x2035135	14 mm	20 mm	8F	.035"	135 cm
ZNSJ14x3035135	14 mm	30 mm	8F	.035"	135 cm
ZNSJ14x4035135	14 mm	40 mm	8F	.035"	135 cm
ZNSJ14x5035135	14 mm	50 mm	8F	.035"	135 cm
ZNSJ14x6035135	14 mm	60 mm	8F	.035"	135 cm

When ordering use Ref. Number, e.g.: ZNSJ10x70356135.

NOTE: The standard working length of delivery system is 135 cm, however 80 cm systems can be also ordered. To order, replace 135 by 80 in catalogue number – for example: ZNSJ7x3035680.

On request we provide delivery system with handle.

When ordering please add R to the catalog number, e.g. ZNSJ7x30356135R.

Available stent with improved X-ray visibility.

When ordering use Ref. Number, e.g.:

ZNSJ7x40356135PT (pull-back system)

ZNSJ7x40356135PTR (system with handle)

PERIPHERAL ANGIOPLASTY CATHETER-PTA **LOVIX**

with OTW delivery system (over the wire)



PTA balloon catheter is an effective option for peripheral artery lesions

- High pressure
- A low profile
- Full range of sizes

Technical information

Balloon material	nylon
Balloon diameters	3 - 16 mm
Balloon lengths	20 - 200 mm
Nominal pressure (for balloon diameters 3,00 mm)	10 atm
Nominal pressure (for balloon diameters 4,00-16,00 mm)	6 atm
Deflated time	short
Pushability and trackability	excellent
Delivery system	Over The Wire (OTW)
Delivery system lengths	80-170 cm

Reference:	Nominal balloon diameter	Nominal balloon length	Catheter length	Use with guide wire	Use with introducer	Nominal pressure
	B	C	H	E	A	D
PBA BxCEH	3 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm 150, 200 mm	80, 100, 110, 120, 135,170 cm	.025"	5F 5F	10 atm
PBA BxCEH	4 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm 150, 200, 250 mm	80, 100, 110, 120, 135,170 cm	.025" .035" .035"	5F 5F 5F	6 atm
PBA BxCEH	5 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm 150, 200 mm	80, 100, 110, 120, 135,170 cm	.025" .035" .035"	5F 5F 6F	6 atm
PBA BxCEH	6 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm 150, 200 mm	80, 100, 110, 120, 135,170 cm	.025" .035" .035"	5F 5F 6F	6 atm
PBA BxCEH	7 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm 150, 200 mm	80, 100, 110, 120, 135,170 cm	.035" .035"	5F 6F	6 atm
PBA BxCEH	8 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm	80, 100, 110, 120, 135,170 cm	.035"	5F	6 atm
PBA BxCEH	9 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm	80, 100, 110, 120, 135,170 cm	.035"	6F	6 atm
PBA BxCEH	10 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm	80, 100, 110, 120, 135,170 cm	.035"	6F	6 atm
PBA BxCEH	12 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm	80, 100, 110, 120, 135,170 cm	.035"	6F	6 atm
PBA BxCEH	14 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm	80, 100, 110, 120, 135,170 cm	.035"	8F	6 atm
PBA BxCEH	16 mm	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm	80, 100, 110, 120, 135,170 cm	.035"	8F	6 atm

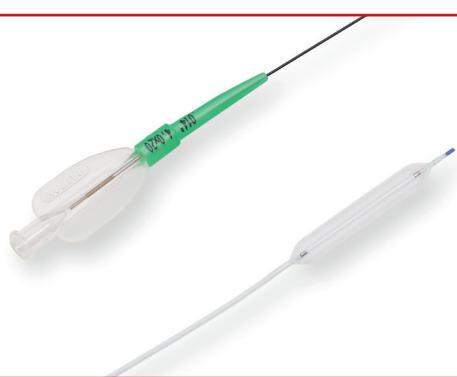
When ordering use Ref. Number: PBA16x10035110.

NOTE: On request we provide catheters length 80 - 170 cm.

When ordering use Ref. Number: PBA10x403580.

PERIPHERAL ANGIOPLASTY CATHETER-PTA **LOVIX**

with delivery system Rapid Exchange (Rx)



PTA balloon catheter is an effective option for peripheral artery lesions

- Excellent trackability
- High pressure
- A low profile
- Full range of sizes

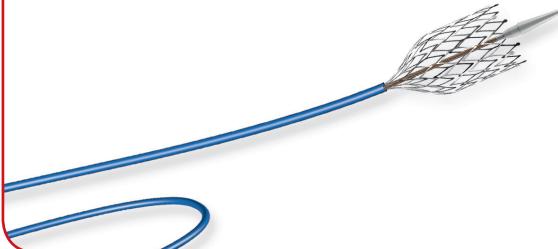
Technical information

Balloon material	nylon
Balloon diameters	1.25- 7.00 mm
Balloon lengths	10 - 200 mm
Nominal pressure (for balloon diameters 1.25 -4.50 mm)	10 atm
Nominal pressure (for balloon diameters 5.00 -7.00 mm)	8 atm
Deflated time	short
Pushability and trackability	excellent
Compatible guide wire	max .014"
Delivery system	Rapid Exchange (RX)
Delivery system lengths	140 cm

Reference:	Nominal balloon diameter	Minimum Guiding Catheter I.D.	Nominal pressure	Nominal balloon length
	B	D	A	C
PBARXBxC140	1.25 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40 mm
PBARXBxC140	1.50 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40 mm
PBARXBxC140	1.75 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40 mm
PBARXBxC140	2.00 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 150, 180, 200 mm
PBARXBxC140	2.25 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 150, 180, 200 mm
PBARXBxC140	2.50 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 150, 180, 200 mm
PBARXBxC140	2.75 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 150, 180, 200 mm
PBARXBxC140	3.00 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 150, 180, 200 mm
PBARXBxC140	3.25 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	3.50 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	3.75 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	4.00 mm	.056"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	4.50 mm	.064"	10 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	5.00 mm	.067"	8 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	5.50 mm	.067"	8 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	6.00 mm	.067"	8 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	6.50 mm	.067"	8 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm
PBARXBxC140	7.00 mm	.071"	8 atm	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 mm

When ordering use Ref. Number: PBARX7.0x100140.

SELF-EXPANDING CAROTID STENT **Mer** with delivery system RX



- Hybrid cell design
- Excellent pushability and trackability
- Exceptional flexibility
- High radial force
- Platinum markers at the end of the stent

Technical information

Stent material	Nitinol
Nominal stent diameters	4 - 10 mm
Nominal stents lengths	20 - 50 mm
Delivery system working length	135 cm
Delivery system	5F
Compatible guide wire	.014"
Delivery system type	Rapid Exchange

STRAIGHT STENT

Reference:	Nominal stent diameter	Nominal stent length ± 0.5 mm	Delivery system working length	Delivery system size	Minimum guide catheter I.D.	Use with introducer	Use with guide wire
ZSTS4xG14135R	4 mm						
ZSTS5xG14135R	5 mm						
ZSTS6xG14135R	6 mm						
ZSTS7xG14135R	7 mm	20, 30, 40, 50 mm	135 cm	5F	0.071"	5F	0.014"
ZSTS8xG14135R	8 mm						
ZSTS9xG14135R	9 mm						
ZSTS10xG14135R	10 mm						

TAPERED STENT

Reference:	Nominal stent diameter		Nominal stent length ± 0.5 mm	Delivery system working length	Delivery system size	Minimum guide catheter I.D.	Use with introducer	Use with guide wire
	DISTAL	PROXIMAL						
ZSTS5x7xG14135R	5 mm	7 mm						
ZSTS6x8xG14135R	6 mm	8 mm						
ZSTS7x9xG14135R	7 mm	9 mm	20, 30, 40, 50 mm	135 cm	5F	0.071"	5F	0.014"
ZSTS7x10xG14135R	7 mm	10 mm						
ZSTS8x10xG14135R	8 mm	10 mm						

When ordering use Ref. Number, e.g.: ZSTS8x10x4014135R.

NOTE:

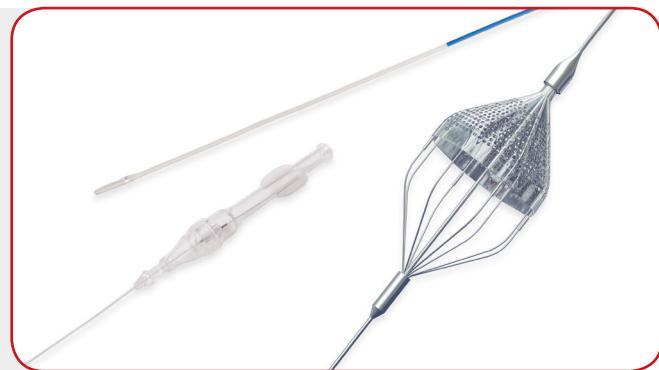
Other lengths of the system are available upon prior arrangement.

NEUROPROTECTION SYSTEM

Robin

Set components:

- Guide wire with integrated filtering basket
- Peel away delivery catheter – Rapid Exchange type
- Capture catheter – Rapid Exchange type
- Torquer
- Peel away guiding tube
- Strain 40 µm



The system for distal neuroprotection is used for capturing embolic material during performance of carotid artery angioplasty and stents implantation in carotid arteries.

Neuroprotection system ROBIN:

- Filtering basket made of biocompatible materials; based on 8 nitinol arms with permanently fixed polyurethane filter.
- .014" guide wire with integrated filtering basket.
- Atraumatic, flexible end of the guide wire facilities safe reaching of the area beyond located lesion.
- Precise delivery and capture due to platinum markers placed in proximal and distal part of filtering basket.
- Two system types of the delivery and capture the guide wire with filtering basket (Rapid Exchange and Over The Wire).
- Platinum markers confirming suitable placement of filtering basket in the vessel wall.

Reference:	Filtering basket diameter	Recommended vessel diameter	Diameter of guide wire with filtering basket	Guide wire length	Method of delivery and capture
SDN4RX	4 mm	3.0 - 3.5 mm	.014"	170 cm	RX
SDN5RX	5 mm	3.5 - 4.5 mm	.014"	170 cm	RX
SDN6RX	6 mm	4.5 - 5.5 mm	.014"	170 cm	RX
SDN7RX	7 mm	5.5 - 6.5 mm	.014"	170 cm	RX
SDN8RX	8 mm	6.5 - 7.5 mm	.014"	170 cm	RX
SDN40TW	4 mm	3.0 - 3.5 mm	.014"	300 cm	OTW
SDN50TW	5 mm	3.5 - 4.5 mm	.014"	300 cm	OTW
SDN60TW	6 mm	4.5 - 5.5 mm	.014"	300 cm	OTW
SDN70TW	7 mm	5.5 - 6.5 mm	.014"	300 cm	OTW
SDN80TW	8 mm	6.5 - 7.5 mm	.014"	300 cm	OTW

When ordering use Ref. Number, e.g.: SDN80TW.

INTRODUCER

Set with hemostasis valve to introduce and exchange catheters and endocavitory electrodes

Set components:

sheath with a valve
angiographic needle
guide wire
dilatator

Reference:	Sheath size / length	Cup colour	Dilatator size	Angiographic needle size	Guide wire size / length / type
INT3F	3F / 60 mm	white	3F	21G	.018" / 35 cm / STRAIGHT
INT4F	4F / 70 mm	red	4F	19G	.022" / 40 cm / "J"
INT5F	5F / 110 mm	grey	5F	18G	.035" / 40 cm / "J"
INT5F23	5F / 230 mm	grey	5F	18G	.035" / 60 cm / "J"
INT6F	6F / 110 mm	green	6F	18G	.035" / 40 cm / "J"
INT6F23	6F / 230 mm	green	6F	18G	.035" / 60 cm / "J"
INT7F	7F / 110 mm	orange	7F	18G	.035" / 40 cm / "J"
INT7F23	7F / 230 mm	orange	7F	18G	.035" / 60 cm / "J"
INT8F	8F / 110 mm	blue	8F	18G	.035" / 40 cm / "J"
INT8F23	8F / 230 mm	blue	8F	18G	.035" / 60 cm / "J"
INT9F	9F / 110 mm	black	9F	18G	.035" / 40 cm / "J"
INT9F23	9F / 230 mm	black	9F	18G	.035" / 60 cm / "J"
INT10F	10F / 110 mm	white	10F	18G	.035" / 40 cm / "J"
INT10F23	10F / 230 mm	white	10F	18G	.035" / 60 cm / "J"

Sets to introduce and exchange catheters and endocavitory electrodes; with hemostasis valve which prevents blood reflux during manipulation and decreases possibility of air aspiration. The side - connection line can be used as a second infusion line.

When ordering use Ref. Number, e.g.: INT10F.

Special order can contain introducer with radiopaque marker.

Model reference number:

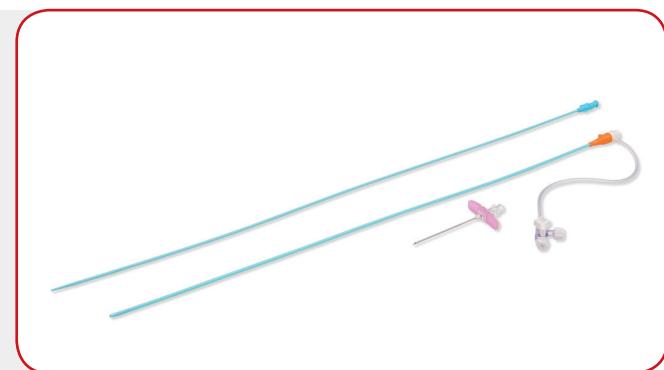
INT8FM- introducer with a marker.

LONG INTRODUCER

Set with hemostasis valve to introduce and exchange catheters and endocavitory electrodes

Set components:

sheath with a valve
angiographic needle
dilatator



Reference:	Sheath size / length	Cup colour	Dilatator size	Angiographic needle size
INT5F50	5F / 500 mm	grey	5F	18G
INT5F55	5F / 550 mm	grey	5F	18G
INT5F60	5F / 600 mm	grey	5F	18G
INT5F65	5F / 650 mm	grey	5F	18G
INT5F70	5F / 700 mm	grey	5F	18G
INT5F80	5F / 800 mm	grey	5F	18G
INT5F90	5F / 900 mm	grey	5F	18G
INT6F50	6F / 500 mm	green	6F	18G
INT6F55	6F / 550 mm	green	6F	18G
INT6F60	6F / 600 mm	green	6F	18G
INT6F65	6F / 650 mm	green	6F	18G
INT6F70	6F / 700 mm	green	6F	18G
INT6F80	6F / 800 mm	green	6F	18G
INT6F90	6F / 900 mm	green	6F	18G
INT7F50	7F / 500 mm	orange	7F	18G
INT7F55	7F / 550 mm	orange	7F	18G
INT7F60	7F / 600 mm	orange	7F	18G
INT7F65	7F / 650 mm	orange	7F	18G
INT7F70	7F / 700 mm	orange	7F	18G
INT7F80	7F / 800 mm	orange	7F	18G
INT7F90	7F / 900 mm	orange	7F	18G
INT8F50	8F / 500 mm	blue	8F	18G
INT8F55	8F / 550 mm	blue	8F	18G
INT8F60	8F / 600 mm	blue	8F	18G
INT8F65	8F / 650 mm	blue	8F	18G
INT8F70	8F / 700 mm	blue	8F	18G
INT8F80	8F / 800 mm	blue	8F	18G
INT8F90	8F / 900 mm	blue	8F	18G

When ordering use Ref. Number, e.g.: INT8F90.

Special order can contain introducer with radiopaque marker.

Model reference number:

INT8F90M- introducer with a marker.

RADIAL ARTERY INTRODUCER

Set with hemostasis valve to introduce and exchange catheters and endocavitory electrodes



Set components:

sheath with a valve
angiographic needle
guide wire
dilatator

The set contains a guide wire of special construction. The soft distal part of the guide wire enables its introduction to the vessel, and the stiff proximal part provides an excellent scaffold for the dilatator, along with preventing vessel perforation. The distal part of the sheath and dilatator is finished in a way that enables an easy andatraumatic introduction of the catheter to the vessel.

Reference:	Sheath size / length	Colour identification	Dilatator size	Angiographic needle size	Guide wire size / length / type
INT5FKR	5F / 110 mm	grey	5F	21G	.018" / 45 cm / "J"
INT5FKRP	5F / 110 mm	grey	5F	21G	.018" / 45 cm / STRAIGHT
INT5F21KRP	5F / 110 mm	grey	5F	20G	.021" / 45 cm / STRAIGHT
INT5FKR23	5F / 230 mm	grey	5F	21G	.018" / 45 cm / "J"
INT5FKR23P	5F / 230 mm	grey	5F	21G	.018" / 45 cm / STRAIGHT
INT5F21KR23P	5F / 230 mm	grey	5F	20G	.021" / 45 cm / STRAIGHT
INT6FKR	6F / 110 mm	green	6F	21G	.018" / 45 cm / "J"
INT6FKRP	6F / 110 mm	green	6F	21G	.018" / 45 cm / STRAIGHT
INT6F21KRP	6F / 110 mm	green	6F	20G	.021" / 45 cm / STRAIGHT
INT6FKR23	6F / 230 mm	green	6F	21G	.018" / 45 cm / "J"
INT6FKR23P	6F / 230 mm	green	6F	21G	.018" / 45 cm / STRAIGHT
INT6F21KR23P	6F / 230 mm	green	6F	20G	.021" / 45 cm / STRAIGHT
INT7FKR	7F / 110 mm	orange	7F	21G	.018" / 45 cm / "J"
INT7FKRP	7F / 110 mm	orange	7F	21G	.018" / 45 cm / STRAIGHT
INT7F21KRP	7F / 110 mm	orange	7F	20G	.021" / 45 cm / STRAIGHT
INT7FKR23	7F / 230 mm	orange	7F	21G	.018" / 45 cm / "J"
INT7FKR23P	7F / 230 mm	orange	7F	21G	.018" / 45 cm / STRAIGHT
INT7F21KR23P	7F / 230 mm	orange	7F	20G	.021" / 45 cm / STRAIGHT

When ordering use Ref. Number, e.g.: INT5FKR.

Special order can contain introducer with radiopaque marker

Model reference number:

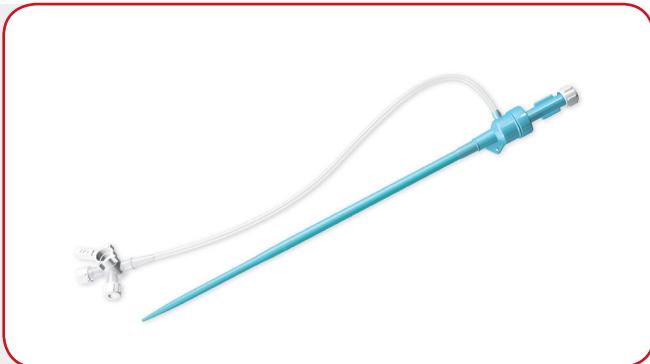
INT7FKRM - introducer with a marker.

INTRODUCER (LARGE SIZES)

Set with hemostasis valve to introduce and exchange catheters and endocavitory electrodes

Set components:

sheath with a valve
dilatator



Reference:	Sheath size / length	Colour identification	Dilatator size
INT11F	11F / 110 mm	blue	11F
INT11F23	11F / 230mm	blue	11F
INT12F	12F / 120 mm	blue	12F
INT 12F23	12F / 230 mm	blue	12F
INT14F	14F / 120 mm	blue	14F
INT14F23	14F / 230 mm	blue	14F
INT16F	16F / 120 mm	blue	16F
INT16F23	16F / 230 mm	blue	16F
INT18F	18F / 120 mm	blue	18F
INT18F23	18F / 230 mm	blue	18F

When ordering use Ref. Number, e.g.: INT18F23.

Special order can contain introducer with radiopaque marker.

Model reference number: INT14FM – introducer with a marker.

NOTE: Use with guide wire .035" and angiographic needle size 18G.

TRIPLE ACCESS HEMOSTASIS INTRODUCER

Set to introduce and exchange catheters and endocavitory electrodes with hemostatic valve

Set components:

sheath
straight needle 18G
guide wire
dilatator 14F, 19 cm



Reference:	Sheath with double valve size / length	Guide wire size / length / type	Maximum catheter capacity
TKATINT	14F / 12 cm	.038" / 50 cm / "J"	6F - 2 pieces and 7F - 1 piece

Designed for triple introduction and general management of electrophysiology and other catheters requiring the ability to lock and hold the catheter in position through one puncture site.

When ordering use Ref. Number, e.g.: TKATINT.

BRAIDED INTRODUCER (COIL)



Set components:

sheath with a valve
angiographic needle
dilatator

- High flexibility & trackability
- Kink-resistant
- Platinum coil marker – high visibility under fluoroscopy
- Specially designed atraumatic tip

Reference:	Sheath size / length	Dilatator size	Angiographic needle size	Use with guide wire
INT4F45T	4F / 450 mm	4F	19G	.022"
INT4F60T	4F / 600 mm	4F	19G	.022"
INT4F90T	4F / 900 mm	4F	19G	.022"
INT4F100T	4F / 1000 mm	4F	19G	.022"
INT5F45T	5F / 450 mm	5F	18G	.035"
INT5F60T	5F / 600 mm	5F	18G	.035"
INT5F90T	5F / 900 mm	5F	18G	.035"
INT5F100T	5F / 1000 mm	5F	18G	.035"
INT6F45T	6F / 450 mm	6F	18G	.035"
INT6F60T	6F / 600 mm	6F	18G	.035"
INT6F90T	6F / 900 mm	6F	18G	.035"
INT6F100T	6F / 1000 mm	6F	18G	.035"
INT7F45T	7F / 450 mm	7F	18G	.035"
INT7F60T	7F / 600 mm	7F	18G	.035"
INT7F90T	7F / 900 mm	7F	18G	.035"
INT7F100T	7F / 1000 mm	7F	18G	.035"
INT8F45T	8F / 450 mm	8F	18G	.035"
INT8F60T	8F / 600 mm	8F	18G	.035"
INT8F90T	8F / 900 mm	8F	18G	.035"
INT8F100T	8F / 1000 mm	8F	18G	.035"
INT9F45T	9F / 450 mm	9F	18G	.035"
INT9F60T	9F / 600 mm	9F	18G	.035"
INT9F90T	9F / 900 mm	9F	18G	.035"
INT9F100T	9F / 1000 mm	9F	18G	.035"

Other lengths in the range of 23 cm to 100 cm, available on request.

When ordering use Ref. Number, e.g.: INT8F100T.

PTCA GUIDE WIRES *RIDER* with hydrophilic coating

The guide wires are available in several kinds of flexibility of the distal tip:

- with floppy tip - F
- with medium tip - M
- with stiff tip - S
- with high stiff tip - HS
- with high floppy tip - HF

Guide wires are available with additional strengthening in their proximal coil part, which enables them for the delivery of stents:

- stent support floppy - STF
- stent support medium - STM
- stent support stiff - STS.



Technical information

Material: steel and platinum

Length 175 - 300 cm

Guide wire diameter .014" (0.36 mm)

Broad range of stiffness

Radioopaque marker of 30 mm length

Straight or "J" shaped guide wire tips

Excellent steerability

PTFE coating

Special hydrophilic coating for optimal crossing of tortuous and narrow vessels

Stiff proximal shaft

Good visibility of guide wire tip

Optimal torque control 1:1

Reference:	Description	Length	Diameter	Type
PCJ014175HF	high floppy	175 cm	.014" (0.36 mm)	"J"
PCJ014175F	floppy	175 cm	.014" (0.36 mm)	"J"
PCJ014175M	medium	175 cm	.014" (0.36 mm)	"J"
PCJ014175S	stiff	175 cm	.014" (0.36 mm)	"J"
PCJ014175HS	high stiff	175 cm	.014" (0.36 mm)	"J"
PCJ014175STF	stent support floppy	175 cm	.014" (0.36 mm)	"J"
PCJ014175STM	stent support medium	175 cm	.014" (0.36 mm)	"J"
PCJ014175STS	stent support stiff	175 cm	.014" (0.36 mm)	"J"
PCJ014195HF	high floppy	195 cm	.014" (0.36 mm)	"J"
PCJ014195F	floppy	195 cm	.014" (0.36 mm)	"J"
PCJ014195M	medium	195 cm	.014" (0.36 mm)	"J"
PCJ014195S	stiff	195 cm	.014" (0.36 mm)	"J"
PCJ014195HS	high stiff	195 cm	.014" (0.36 mm)	"J"
PCJ014195STF	stent support floppy	195 cm	.014" (0.36 mm)	"J"
PCJ014195STM	stent support medium	195 cm	.014" (0.36 mm)	"J"
PCJ014195STS	stent support stiff	195 cm	.014" (0.36 mm)	"J"
PCJ014300HF	high floppy	300 cm	.014" (0.36 mm)	"J"
PCJ014300F	floppy	300 cm	.014" (0.36 mm)	"J"
PCJ014300M	medium	300 cm	.014" (0.36 mm)	"J"
PCJ014300S	stiff	300 cm	.014" (0.36 mm)	"J"
PCJ014300HS	high stiff	300 cm	.014" (0.36 mm)	"J"
PCJ014300STF	stent support floppy	300 cm	.014" (0.36 mm)	"J"
PCJ014300STM	stent support medium	300 cm	.014" (0.36 mm)	"J"
PCJ014300STS	stent support stiff	300 cm	.014" (0.36 mm)	"J"

When ordering use Ref. Number, e.g.: PCJ014300STS.

All sizes available with a straight tip.

When ordering use Ref. Number, without "J" letter, e.g.: PC014175S.

LUNDERQUIST GUIDE WIRES

Reference:	Diameter	Length	Type
PL3590T	.035" (0.89 mm)	90 cm	straight
PLJ3590T	.035" (0.89 mm)	90 cm	"J"
PL35150T	.035" (0.89 mm)	150 cm	straight
PLJ35150T	.035" (0.89 mm)	150 cm	"J"
PL35180T	.035" (0.89 mm)	180 cm	straight
PLJ35180T	.035" (0.89 mm)	180 cm	"J"
PL35220T	.035" (0.89 mm)	220 cm	straight
PLJ35220T	.035" (0.89 mm)	220 cm	"J"
PL35260T	.035" (0.89 mm)	260 cm	straight
PLJ35260T	.035" (0.89 mm)	260 cm	"J"

When ordering use Ref. Number, e.g.: PL35260T.

TEFLON COATED GUIDE WIRES

Reference:	Diameter	Length	Type
P18150T	.018" (0.46 mm)	150 cm	straight
PJ18150T	.018" (0.46 mm)	150 cm	"J"
P18200T	.018" (0.46 mm)	200 cm	straight
PJ18200T	.018" (0.46 mm)	200 cm	"J"
P25150T	.025" (0.64 mm)	150 cm	straight
PJ25150T	.025" (0.64 mm)	150 cm	"J"
P25200T	.025" (0.64 mm)	200 cm	straight
PJ25200T	.025" (0.64 mm)	200 cm	"J"
P32150T	.032" (0.81 mm)	150 cm	straight
PJ32150T	.032" (0.81 mm)	150 cm	"J"
P32200T	.032" (0.81 mm)	200 cm	straight
PJ32200T	.032" (0.81 mm)	200 cm	"J"
P35150T	.035" (0.89 mm)	150 cm	straight
PJ35150T	.035" (0.89 mm)	150 cm	"J"
P35200T	.035" (0.89 mm)	200 cm	straight
PJ35200T	.035" (0.89 mm)	200 cm	"J"
P35260T	.035" (0.89 mm)	260 cm	straight
PJ35260T	.035" (0.89 mm)	260 cm	"J"
P35400T	.035" (0.89 mm)	400 cm	straight
P35480T	.035" (0.89 mm)	480 cm	straight
P38150T	.038" (0.97 mm)	150 cm	straight
PJ38150T	.038" (0.97 mm)	150 cm	"J"
P38200T	.038" (0.97 mm)	200 cm	straight
PJ38200T	.038" (0.97 mm)	200 cm	"J"

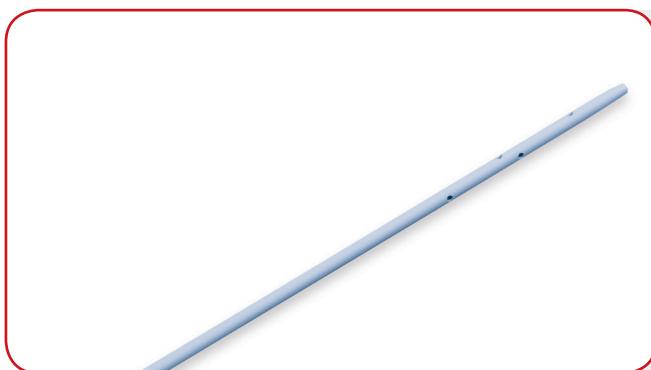
When ordering use Ref. Number, e.g.: PJ38200T.

CATHETERS FOR ANGIOGRAPHY

They feature high functional parameter quality:

- thin walls, allowing maximum flow
- high pressure resistant 100 atm (1450 PSI)
- relevant softness, flexibility and curvature, facilitating catheter introduction and advancement
- good visibility in X-rays
- perfectly smooth surface and very good finishing of side holes and a tip atraumatic for the vessel.

Each catheter features a Luer-Lock connector, making the set hermetic. Some catheters size 5F and 6F are available in reinforced configuration with a stainless steel braided; all catheters feature the same softness in distal parts (unbraided).

STRAIGHT with 8 side holes

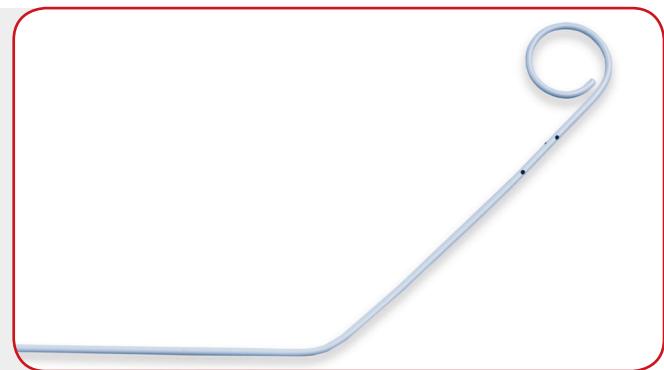
Reference:	size	Catheter		Use with guide wire size
		internal diameter	length	
3F50D	3F	0.65 mm	50 cm	.022"
4F70D	4F	0.95 mm	70 cm	.035"
4F100D	4F	0.95 mm	100 cm	.035"
5F70D	5F	1.25 mm	70 cm	.038"
5F110D	5F	1.25 mm	110 cm	.038"
6F70D	6F	1.30 mm	70 cm	.038"
6F110D	6F	1.30 mm	110 cm	.038"
7F70D	7F	1.50 mm	70 cm	.038"
7F110D	7F	1.50 mm	110 cm	.038"
5FT100D	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100D	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 4F100D.

PIGTAIL with 8 side holes

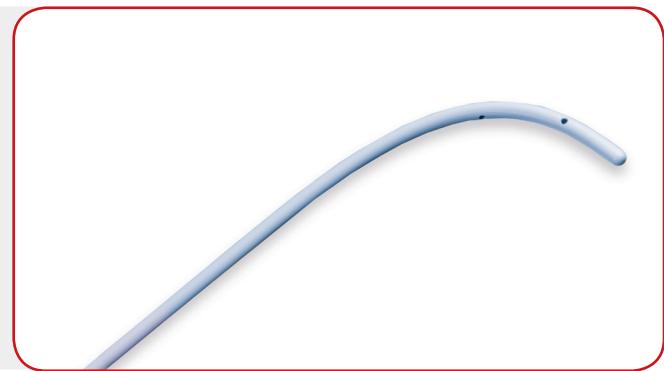
Reference:	size	Catheter		Use with guide wire size
		internal diameter	length	
3F50P	3F	0.65 mm	50 cm	.022"
4F70P	4F	0.95 mm	70 cm	.035"
4F100P	4F	0.95 mm	100 cm	.035"
5F70P	5F	1.25 mm	70 cm	.038"
5F110P	5F	1.25 mm	110 cm	.038"
6F70P	6F	1.30 mm	70 cm	.038"
6F110P	6F	1.30 mm	110 cm	.038"
7F70P	7F	1.50 mm	70 cm	.038"
7F110P	7F	1.50 mm	110 cm	.038"
5FT100P	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100P	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 6F110P.

ANGLED PIGTAIL with 8 side holes

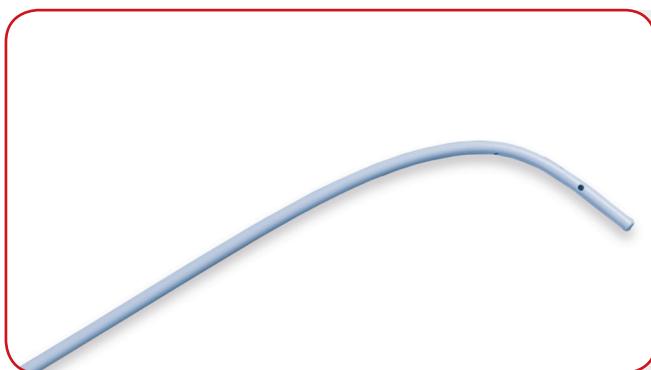
Reference:	size	Catheter		Use with guide wire size
		internal diameter	length	
3F50AP4	3F	0.65 mm	50 cm	.022"
4F70AP4	4F	0.95 mm	70 cm	.035"
4F100AP4	4F	0.95 mm	100 cm	.035"
5F70AP4	5F	1.25 mm	70 cm	.038"
5F110AP4	5F	1.25 mm	110 cm	.038"
6F70AP4	6F	1.30 mm	70 cm	.038"
6F110AP4	6F	1.30 mm	110 cm	.038"
7F70AP4	7F	1.50 mm	70 cm	.038"
7F110AP4	7F	1.50 mm	110 cm	.038"

When ordering use Ref. Number, e.g.: 7F70AP4.

N.I.H. with closed distal end and 4 side holes

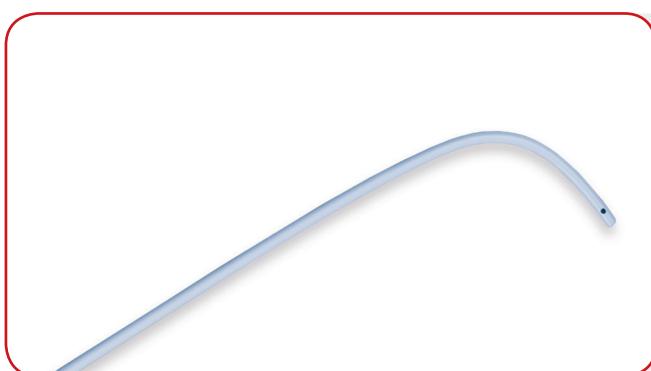
Reference:	size	Catheter		Use with guide wire size
		internal diameter	length	
4F70NI	4F	0.95 mm	70 cm	.035"
4F100NI	4F	0.95 mm	100 cm	.035"
5F70NI	5F	1.25 mm	70 cm	.038"
5F110NI	5F	1.25 mm	110 cm	.038"
6F70NI	6F	1.30 mm	70 cm	.038"
6F110NI	6F	1.30 mm	110 cm	.038"
7F70NI	7F	1.50 mm	70 cm	.038"
7F110NI	7F	1.50 mm	110 cm	.038"
5FT100NI	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100NI	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 6F110NI.

GENSINI with 4 side holes

Reference:	Catheter			Use with guide wire
	size	internal diameter	length	
4F70GE	4F	0.95 mm	70 cm	.035"
4F100GE	4F	0.95 mm	100 cm	.035"
5F70GE	5F	1.25 mm	70 cm	.038"
5F110GE	5F	1.25 mm	110 cm	.038"
6F70GE	6F	1.30 mm	70 cm	.038"
6F110GE	6F	1.30 mm	110 cm	.038"
7F70GE	7F	1.50 mm	70 cm	.038"
7F110GE	7F	1.50 mm	110 cm	.038"
5FT100GE	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100GE	6F	1.25 mm	100 cm - BRAIDED	.038"

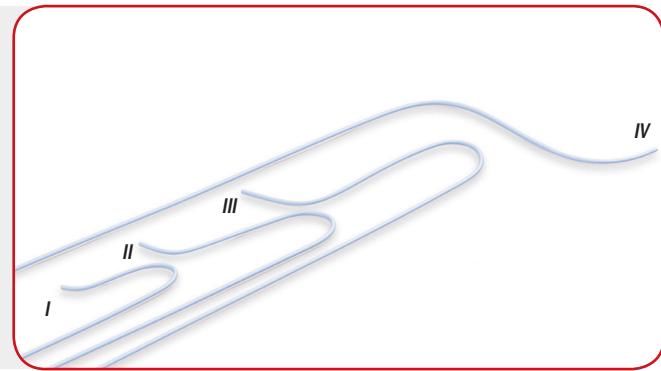
When ordering use Ref. Number, e.g.: 6F70GE.

MULTI PURPOSE with 2 side holes

Reference:	Catheter			Use with guide wire
	size	internal diameter	length	
5F70UM	5F	1.25 mm	70 cm	.038"
5F110UM	5F	1.25 mm	110 cm	.038"
6F70UM	6F	1.30 mm	70 cm	.038"
6F110UM	6F	1.30 mm	110 cm	.038"
7F70UM	7F	1.50 mm	70 cm	.038"
7F110UM	7F	1.50 mm	110 cm	.038"
5FT100UM	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100UM	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 5FT100UM.

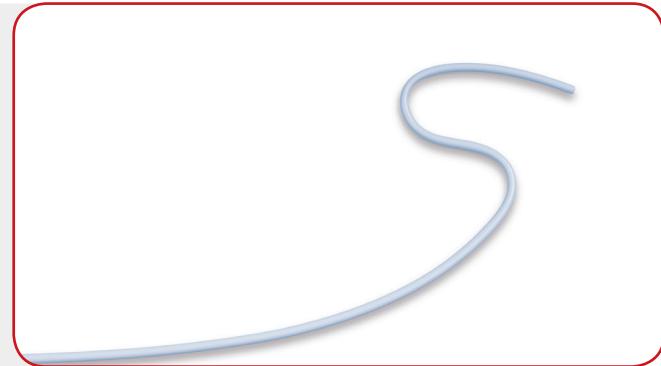
SIMMONS



Reference: SIMMONS I	Reference: SIMMONS II	Reference: SIMMONS III	Reference: SIMMONS IV	Catheter	Use with guide wire size	
				size	internal diameter	length
3F50SIM1	3F50SIM2	3F50SIM3	3F50SIM4	3F	0.65 mm	50 cm
4F70SIM1	4F70SIM2	4F70SIM3	4F70SIM4	4F	0.95 mm	70 cm
4F100SIM1	4F100SIM2	4F100SIM3	4F100SIM4	4F	0.95 mm	100 cm
5F70SIM1	5F70SIM2	5F70SIM3	5F70SIM4	5F	1.25 mm	70 cm
5F110SIM1	5F110SIM2	5F110SIM3	5F110SIM4	5F	1.25 mm	110 cm
6F70SIM1	6F70SIM2	6F70SIM3	6F70SIM4	6F	1.30 mm	70 cm
6F110SIM1	6F110SIM2	6F110SIM3	6F110SIM4	6F	1.30 mm	110 cm
7F70SIM1	7F70SIM2	7F70SIM3	7F70SIM4	7F	1.50 mm	70 cm
7F110SIM1	7F110SIM2	7F110SIM3	7F110SIM4	7F	1.50 mm	110 cm
5FT100SIM1	5FT100SIM2	5FT100SIM3	5FT100SIM4	5F	1.05 mm	100 cm - BRAIDED
6FT100SIM1	6FT100SIM2	6FT100SIM3	6FT100SIM4	6F	1.25 mm	100 cm - BRAIDED

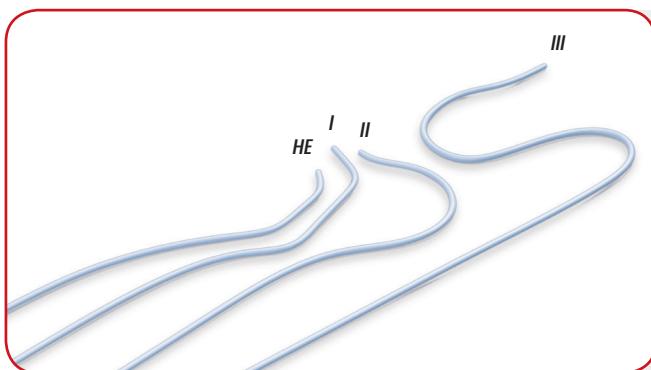
When ordering use Ref. Number, e.g.: 5F110SIM1.

MANI



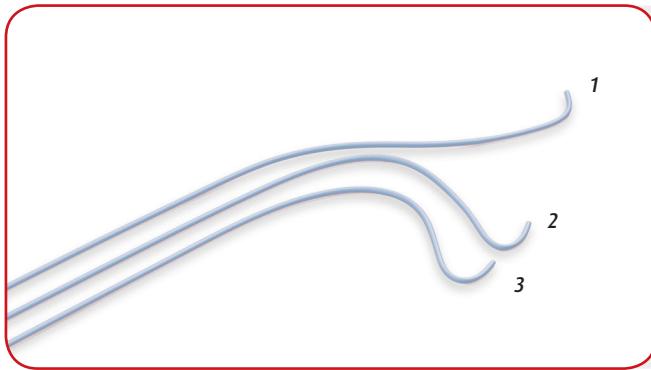
Reference:	Catheter	Use with guide wire		
	size	internal diameter	length	size
3F50MA	3F	0.65 mm	50 cm	.022"
4F70MA	4F	0.95 mm	70 cm	.035"
4F100MA	4F	0.95 mm	100 cm	.035"
5F70MA	5F	1.25 mm	70 cm	.038"
5F110MA	5F	1.25 mm	110 cm	.038"
6F70MA	6F	1.30 mm	70 cm	.038"
6F110MA	6F	1.30 mm	110 cm	.038"
7F70MA	7F	1.50 mm	70 cm	.038"
7F110MA	7F	1.50 mm	110 cm	.038"
5FT100MA	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100MA	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 6FT100MA.

HEADHUNTER

Reference: HEADHUNTER	Reference: HEADHUNTER I	Reference: HEADHUNTER II	Reference: HEADHUNTER III	Catheter size	internal diameter	length	Use with guide wire size
3F50HE	3F50HE1	3F50HE2	3F50HE3	3F	0.65 mm	50 cm	.022"
4F70HE	4F70HE1	4F70HE2	4F70HE3	4F	0.95 mm	70 cm	.035"
4F100HE	4F100HE1	4F100HE2	4F100HE3	4F	0.95 mm	100 cm	.035"
5F70HE	5F70HE1	5F70HE2	5F70HE3	5F	1.25 mm	70 cm	.038"
5F110HE	5F110HE1	5F110HE2	5F110HE3	5F	1.25 mm	110 cm	.038"
6F70HE	6F70HE1	6F70HE2	6F70HE3	6F	1.30 mm	70 cm	.038"
6F110HE	6F110HE1	6F110HE2	6F110HE3	6F	1.30 mm	110 cm	.038"
7F70HE	7F70HE1	7F70HE2	7F70HE3	7F	1.50 mm	70 cm	.038"
7F110HE	7F110HE1	7F110HE2	7F110HE3	7F	1.50 mm	110 cm	.038"
5FT100HE	5FT100HE1	5FT100HE2	5FT100HE3	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100HE	6FT100HE1	6FT100HE2	6FT100HE3	6F	1.25 mm	100 cm - BRAIDED	.038"

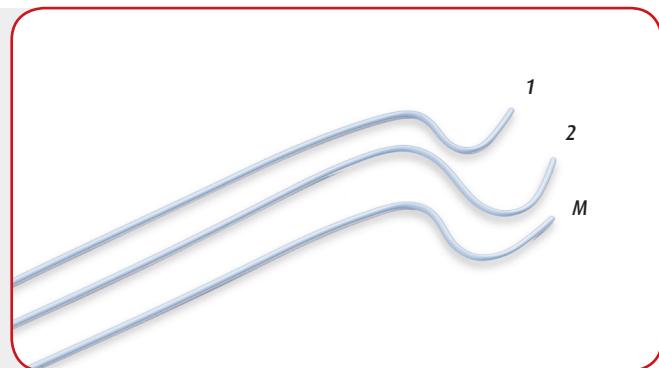
When ordering use Ref. Number, e.g.: 7F110HE.

BENTSON

Reference: BENTSON 1	Reference: BENTSON 2	Reference: BENTSON 3	Catheter size	internal diameter	length	Use with guide wire size
3F50BE1	3F50BE2	3F50BE3	3F	0.65 mm	50 cm	.022"
4F70BE1	4F70BE2	4F70BE3	4F	0.95 mm	70 cm	.035"
4F100BE1	4F100BE2	4F100BE3	4F	0.95 mm	100 cm	.035"
5F70BE1	5F70BE2	5F70BE3	5F	1.25 mm	70 cm	.038"
5F110BE1	5F110BE2	5F110BE3	5F	1.25 mm	110 cm	.038"
6F70BE1	6F70BE2	6F70BE3	6F	1.30 mm	70 cm	.038"
6F110BE1	6F110BE2	6F110BE3	6F	1.30 mm	110 cm	.038"
7F70BE1	7F70BE2	7F70BE3	7F	1.50 mm	70 cm	.038"
7F110BE1	7F110BE2	7F110BE3	7F	1.50 mm	110 cm	.038"
5FT100BE1	5FT100BE2	5FT100BE3	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100BE1	6FT100BE2	6FT100BE3	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 7F110BE1.

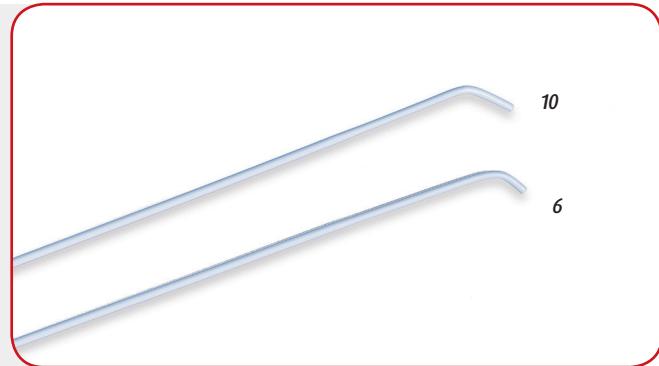
LEFT CAROTID



Reference: LEFT CAROTID 1	Reference: LEFT CAROTID 2	Reference: LEFT CAROTID M	Catheter	Use with guide wire size	
			size	internal diameter	length
3F50CAG1	3F50CAG2	3F50CAGM	3F	0.65 mm	50 cm
4F70CAG1	4F70CAG2	4F70CAGM	4F	0.95 mm	70 cm
4F100CAG1	4F100CAG2	4F100CAGM	4F	0.95 mm	100 cm
5F70CAG1	5F70CAG2	5F70CAGM	5F	1.25 mm	70 cm
5F110CAG1	5F110CAG2	5F110CAGM	5F	1.25 mm	110 cm
6F70CAG1	6F70CAG2	6F70CAGM	6F	1.30 mm	70 cm
6F110CAG1	6F110CAG2	6F110CAGM	6F	1.30 mm	110 cm
7F70CAG1	7F70CAG2	7F70CAGM	7F	1.50 mm	70 cm
7F110CAG1	7F110CAG2	7F110CAGM	7F	1.50 mm	110 cm
5FT100CAG1	5FT100CAG2	5FT100CAGM	5F	1.05 mm	100 cm - BRAIDED
6FT100CAG1	6FT100CAG2	6FT100CAGM	6F	1.25 mm	100 cm - BRAIDED

When ordering use Ref. Number, e.g.: 7F110CAG2.

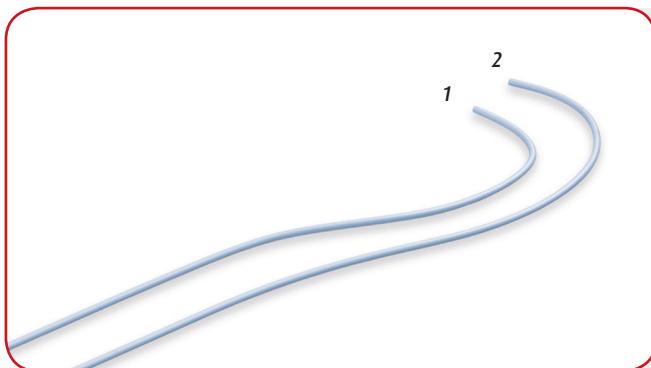
CEREBRAL



Reference:	size	Catheter	Use with guide wire	
		internal diameter	length	size
5FT100CE6	5F	1.05 mm	100 cm - BRAIDED	.038"
5FT100CE10	5F	1.05 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 5FT100CE10.

MEDULLAIRE



Reference: MEDULLAIRE 1	Reference: MEDULLAIRE 2	Catheter size	internal diameter	length	Use with guide wire size
3F50MED1	3F50MED2	3F	0.65 mm	50 cm	.022"
4F70MED1	4F70MED2	4F	0.95 mm	70 cm	.035"
4F100MED1	4F100MED2	4F	0.95 mm	100 cm	.035"
5F70MED1	5F70MED2	5F	1.25 mm	70 cm	.038"
5F110MED1	5F110MED2	5F	1.25 mm	110 cm	.038"
6F70MED1	6F70MED2	6F	1.30 mm	70 cm	.038"
6F110MED1	6F110MED2	6F	1.30 mm	110 cm	.038"
7F70MED1	7F70MED2	7F	1.50 mm	70 cm	.038"
7F110MED1	7F110MED2	7F	1.50 mm	110 cm	.038"
5FT100MED1	5FT100MED2	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100MED1	6FT100MED2	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 5FT100MED1.

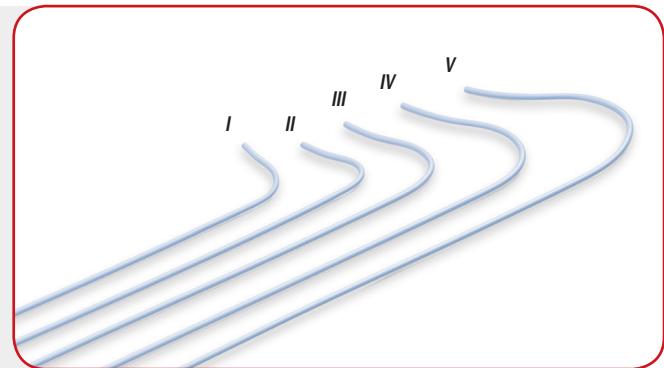
VERTEBRAL



Reference: VERTEBRAL	Catheter size	internal diameter	length	Use with guide wire size
4F70VERT	4F	0.95 mm	70 cm	.035"
4F100VERT	4F	0.95 mm	100 cm	.035"
5F70VERT	5F	1.25 mm	70cm	.038"
5F110VERT	5F	1.25 mm	110cm	.038"
6F70VERT	6F	1.30 mm	70cm	.038"
6F110VERT	6F	1.30 mm	110cm	.038"
7F70VERT	7F	1.50 mm	70cm	.038"
7F110VERT	7F	1.50 mm	110cm	.038"
5FT100VERT	5F	1.05 mm	100cm-BRAIDED	.038"
6FT100VERT	6F	1.25 mm	100cm-BRAIDED	.038"

When ordering use Ref. Number, e.g.: 5FT100VERT.

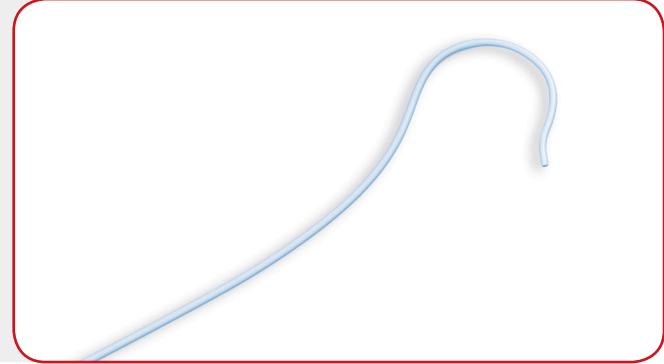
AMPLATZ



Reference: AMPLATZ I	Reference: AMPLATZ II	Reference: AMPLATZ III	Reference: AMPLATZ IV	Reference: AMPLATZ V	Catheter	internal diameter	length	Use with guide wire size
					size			
5F100AM1	5F100AM2	5F100AM3	5F100AM4	5F100AM5	5F	1.25 mm	100 cm	.038"
6F100AM1	6F100AM2	6F100AM3	6F100AM4	6F100AM5	6F	1.30 mm	100 cm	.038"
7F100AM1	7F100AM2	7F100AM3	7F100AM4	7F100AM5	7F	1.50 mm	100 cm	.038"

When ordering use Ref. Number, e.g.: 7F100AM1.

NEWTON



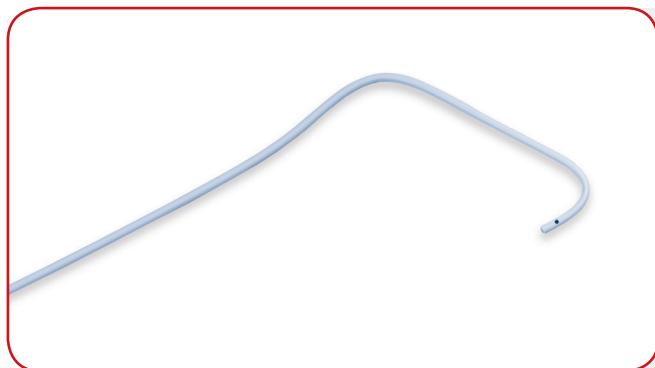
Reference:	size	Catheter	internal diameter	length	Use with guide wire
					size
3F50NE	3F		0.65 mm	50 cm	.022"
4F70NE	4F		0.95 mm	70 cm	.035"
4F100NE	4F		0.95 mm	100 cm	.035"
5F70NE	5F		1.25 mm	70 cm	.038"
5F110NE	5F		1.25 mm	110 cm	.038"
6F70NE	6F		1.30 mm	70 cm	.038"
6F110NE	6F		1.30 mm	110 cm	.038"
7F70NE	7F		1.50 mm	70 cm	.038"
7F110NE	7F		1.50 mm	110 cm	.038"

When ordering use Ref. Number, e.g.: 6F110NE.

COBRA

Reference: COBRA I	Reference: COBRA II	Reference: COBRA III	Catheter size	internal diameter	length	Use with guide wire size
3F50C1	3F50C2	3F50C3	3F	0.65 mm	50 cm	.022"
4F70C1	4F70C2	4F70C3	4F	0.95 mm	70 cm	.035"
4F100C1	4F100C2	4F100C3	4F	0.95 mm	100 cm	.035"
5F70C1	5F70C2	5F70C3	5F	1.25 mm	70 cm	.038"
5F110C1	5F110C2	5F110C3	5F	1.25 mm	110 cm	.038"
6F70C1	6F70C2	6F70C3	6F	1.30 mm	70 cm	.038"
6F110C1	6F110C2	6F110C3	6F	1.30 mm	110 cm	.038"
7F70C1	7F70C2	7F70C3	7F	1.50 mm	70 cm	.038"
7F110C1	7F110C2	7F110C3	7F	1.50 mm	110 cm	.038"
5FT100C1	5FT100C2	5FT100C3	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100C1	6FT100C2	6FT100C3	6F	1.25 mm	100 cm - BRAIDED	.038"

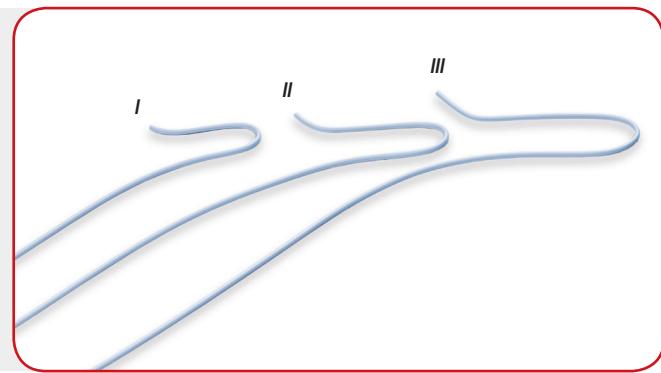
When ordering use Ref. Number, e.g.: 6FT100C1.

FEMORAL RENAL with 2 side holes

Reference:	size	Catheter	internal diameter	length	Use with guide wire
3F50FR	3F		0.65 mm	50 cm	.022"
4F80FR	4F		0.95 mm	80 cm	.035"
5F80FR	5F		1.25 mm	80 cm	.038"
6F80FR	6F		1.30 mm	80 cm	.038"
7F80FR	7F		1.50 mm	80 cm	.038"
5FT80FR	5F		1.05 mm	80 cm - BRAIDED	.038"
6FT80FR	6F		1.25 mm	80 cm - BRAIDED	.038"

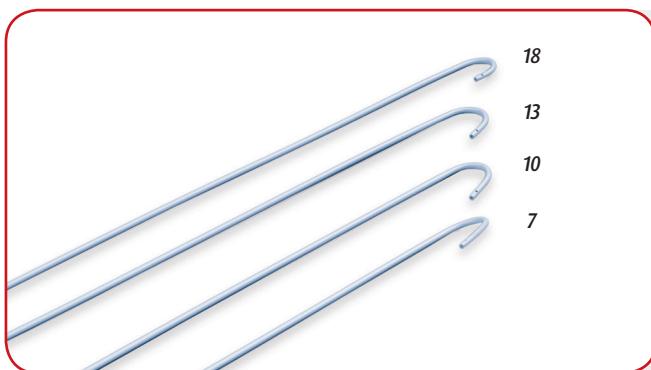
When ordering use Ref. Number, e.g.: 5FT80FR.

SIDEWINDER



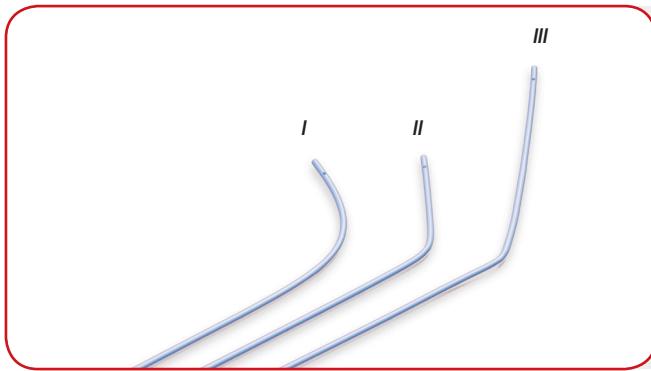
Reference: SIDEWINDER I	Reference: SIDEWINDER II	Reference: SIDEWINDER III	Catheter	Use with guide wire size	
			size	internal diameter	length
3F50SID1	3F50SID2	3F50SID3	3F	0.65 mm	50 cm
4F70SID1	4F70SID2	4F70SID3	4F	0.95 mm	70 cm
4F100SID1	4F100SID2	4F100SID3	4F	0.95 mm	100 cm
5F70SID1	5F70SID2	5F70SID3	5F	1.25 mm	70 cm
5F110SID1	5F110SID2	5F110SID3	5F	1.25 mm	110 cm
6F70SID1	6F70SID2	6F70SID3	6F	1.30 mm	70 cm
6F110SID1	6F110SID2	6F110SID3	6F	1.30 mm	110 cm
7F70SID1	7F70SID2	7F70SID3	7F	1.50 mm	70 cm
7F110SID1	7F110SID2	7F110SID3	7F	1.50 mm	110 cm
5FT100SID1	5FT100SID2	5FT100SID3	5F	1.05 mm	100 cm - BRAIDED
6FT100SID1	6FT100SID2	6FT100SID3	6F	1.25 mm	100 cm - BRAIDED

When ordering use Ref. Number, e.g.: 6FT100SID1.

TONNELIER with 2 side holes

Reference: TONNELIER 7	Reference: TONNELIER 10	Reference: TONNELIER 13	Reference: TONNELIER 18	Catheter size	internal diameter	length	Use with guide wire size
3F50T7	3F50T10	3F50T13	3F50T18	3F	0.65 mm	50 cm	.022"
4F70T7	4F70T10	4F70T13	4F70T18	4F	0.95 mm	70 cm	.035"
4F100T7	4F100T10	4F100T13	4F100T18	4F	0.95 mm	100 cm	.035"
5F70T7	5F70T10	5F70T13	5F70T18	5F	1.25 mm	70 cm	.038"
5F110T7	5F110T10	5F110T13	5F110T18	5F	1.25 mm	110 cm	.038"
6F70T7	6F70T10	6F70T13	6F70T18	6F	1.30 mm	70 cm	.038"
6F110T7	6F110T10	6F110T13	6F110T18	6F	1.30 mm	110 cm	.038"
7F70T7	7F70T10	7F70T13	7F70T18	7F	1.50 mm	70 cm	.038"
7F110T7	7F110T10	7F110T13	7F110T18	7F	1.50 mm	110 cm	.038"
5FT100T7	5FT100T10	5FT100T13	5FT100T18	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100T7	6FT100T10	6FT100T13	6FT100T18	6F	1.25 mm	100 cm - BRAIDED	.038"

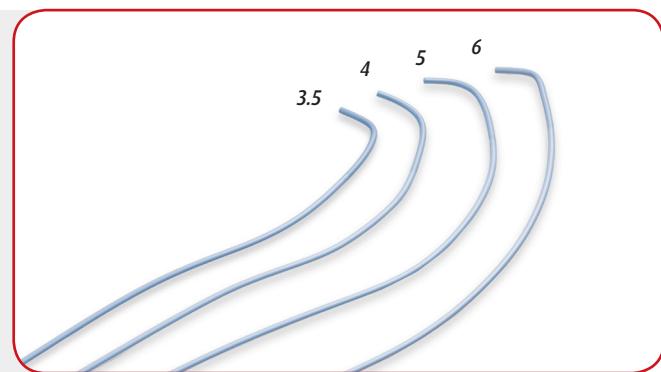
When ordering use Ref. Number, e.g.: 6FT100T7.

SONES with 2 side holes

Reference: SONES I	Reference: SONES II	Reference: SONES III	Catheter size	internal diameter	length	Use with guide wire size
4F100SON1	4F100SON2	4F100SON3	4F	0.95 mm	100 cm	.035"
5F110SON1	5F110SON2	5F110SON3	5F	1.25 mm	110 cm	.038"
6F110SON1	6F110SON2	6F110SON3	6F	1.30 mm	110 cm	.038"
7F110SON1	7F110SON2	7F110SON3	7F	1.50 mm	110 cm	.038"

When ordering use Ref. Number, e.g.: 6F110SON1.

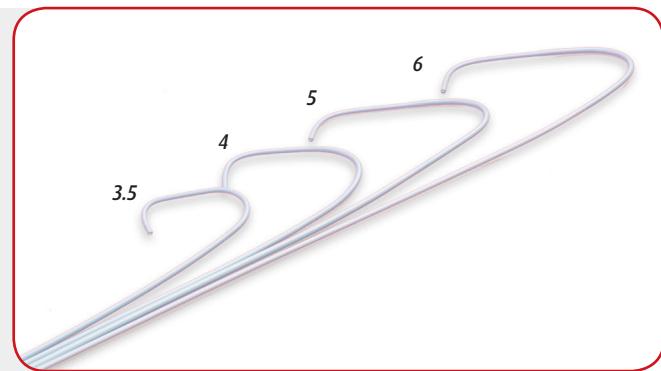
JUDKINS RIGHT



Reference: JUDKINS RIGHT 3.5 cm	Reference: JUDKINS RIGHT 4 cm	Reference: JUDKINS RIGHT 5 cm	Reference: JUDKINS RIGHT 6 cm	Catheter size	Catheter internal diameter	Catheter length	Use with guide wire size
5FT100JR3.5	5FT100JR4	5FT100JR5	5FT100JR6	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100JR3.5	6FT100JR4	6FT100JR5	6FT100JR6	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 6FT100JR3.5.

JUDKINS LEFT



Reference: JUDKINS LEFT 3.5 cm	Reference: JUDKINS LEFT 4 cm	Reference: JUDKINS LEFT 5 cm	Reference: JUDKINS LEFT 6 cm	Catheter size	Catheter internal diameter	Catheter length	Use with guide wire size
5FT100JL3.5	5FT100JL4	5FT100JL5	5FT100JL6	5F	1.05 mm	100 cm - BRAIDED	.038"
6FT100JL3.5	6FT100JL4	6FT100JL5	6FT100JL6	6F	1.25 mm	100 cm - BRAIDED	.038"

When ordering use Ref. Number, e.g.: 6FT100JL3.5.

HIGH PRESSURE SYRINGES WITH MANOMETER

Wide range of products for applications in:

- coronary angioplasty
- peripheral angioplasty
- valvuloplasty
- biliary ducts plasty
- gastrointestinal tract plasty



Reference:

SW20

pressure range: 0-30 atm

capacity: 20 cc

ergonomic form

easy and quick balloon deflation

90° rotating manometer

clear drain, to facilitate observation of air bubbles

Application: coronary angioplasty.



Reference:

SW30

pressure range: 0-30 atm

capacity: 30 cc

fluorescent indicator

easy and quick balloon deflation

clear drain, to facilitate observation of air bubbles

Application: coronary angioplasty, peripheral angioplasty, valvuloplasty.

**Reference:**

SW60

pressure range: 0-15 atm

capacity: 60 cc

ergonomic form

easy and quick balloon deflation

clear drain, to facilitate observation of air bubbles

Application: gastrointestinal tract plasty, valvuloplasty.

When ordering use Ref. Number, e.g.: SW60.

CONNECTOR WITH DOUBLE VALVE



The RYVA is a new type of side-arm connector .
Its dual-valve construction associates a quick-twist valve lock and a push-pull anti-leak valve for easy single handed intra vascular device insertion.
The valve diameter enables the insertion of catheters (max. size 7F).

Consists of:

- Connecting tube and 2-way stop-cock
- Quick-twist valve lock
- Push-pull haemostatic valve

Reference:

RYVA

When ordering use Ref. Number, e.g.: RYVA.

CONNECTOR WITH DOUBLE VALVE LUER



The RYVA LUER is a new type of side-arm connector .
Its dual-valve construction associates a quick-twist valve lock and a push-pull anti-leak valve for easy single handed intra vascular device insertion.
The valve diameter enables the insertion of catheters (max. size 7F).

Consists of:

- Quick-twist valve lock
- Push-pull haemostatic valve

Reference:

RYVA LUER

When ordering use Ref. Number, e.g.: RYVA LUER.

TORQUER

**Reference:**

TORQUER

When ordering use Ref. Number, e.g.: TORQUER.

ROTATING "Y" TYPE ADAPTER with valve

**Reference:**

YCONV

for catheters 1F to 9F

When ordering use Ref. Number, e.g.: YCONV.

GUIDING NEEDLE

**Reference:**

IPT20G100

Use with guide wire

.014"

Needle length

100 mm

When ordering use Ref. Number, e.g.: IPT20G100.

ANGIOGRAPHIC NEEDLES

**Reference:**

IP18G70
IP19G70
IP19G50

Needle length

70 mm
70 mm
50 mm

When ordering use Ref. Number, e.g.: IP18G70.

**Reference:**

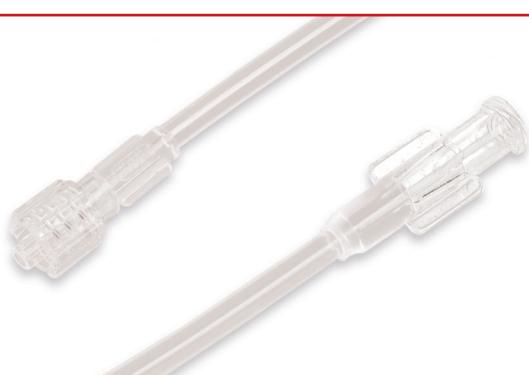
IAD18G

Needle length

70 mm

When ordering use Ref. Number, e.g.: IAD18G.

HIGH PRESSURE CONNECTING TUBE with Luer-Lock rotating hub



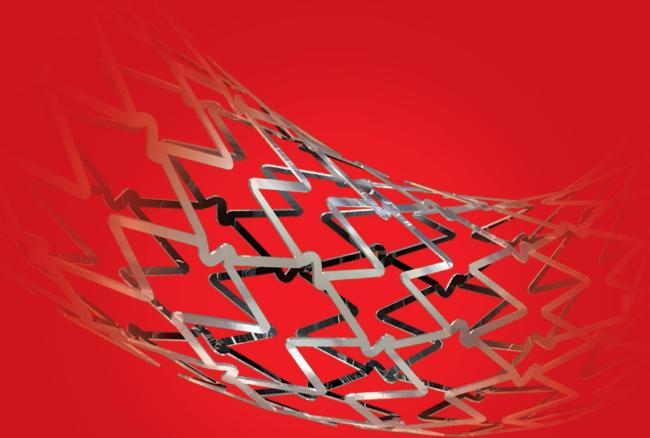
Reference: Standard	Reference: Soft	Reference: Braided	Tube length
PW30	PW30M	PW30Z	30 cm
PW60	PW60M	PW60Z	60 cm
PW90	PW90M	PW90Z	90 cm
PW120	PW120M	PW120Z	120 cm
PW150	PW150M	PW150Z	150 cm

Standard high pressure flexible extenders are made of high quality plastic material and are high pressure resistant 80 atm (1160 PSI). They are equipped with Luer-Lock rotating hub.

Soft high pressure extenders are made of high quality plastic material and are high pressure resistant 65 atm (943 PSI). They are equipped with Luer-Lock rotating hub.

Braided high pressure extenders are made of high quality plastic material and are high pressure resistant 100 atm (1450 PSI). They are equipped with Luer-Lock rotating hub.

When ordering use Ref. Number, e.g.: PW150.



Producer of Medical Equipment

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