

# Najuta<sup>®</sup>

Thoracic Stent Graft System  
Product Catalog



CE 0123

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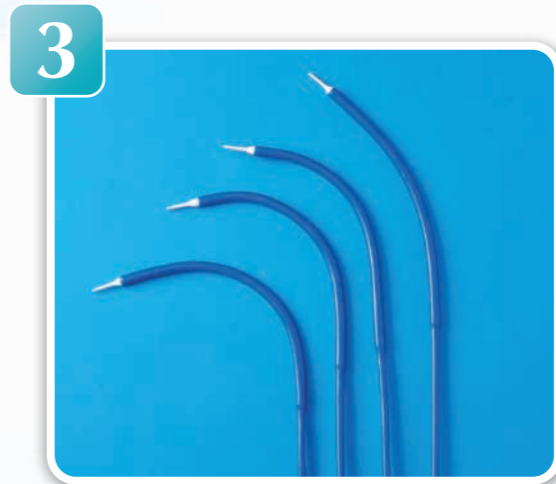
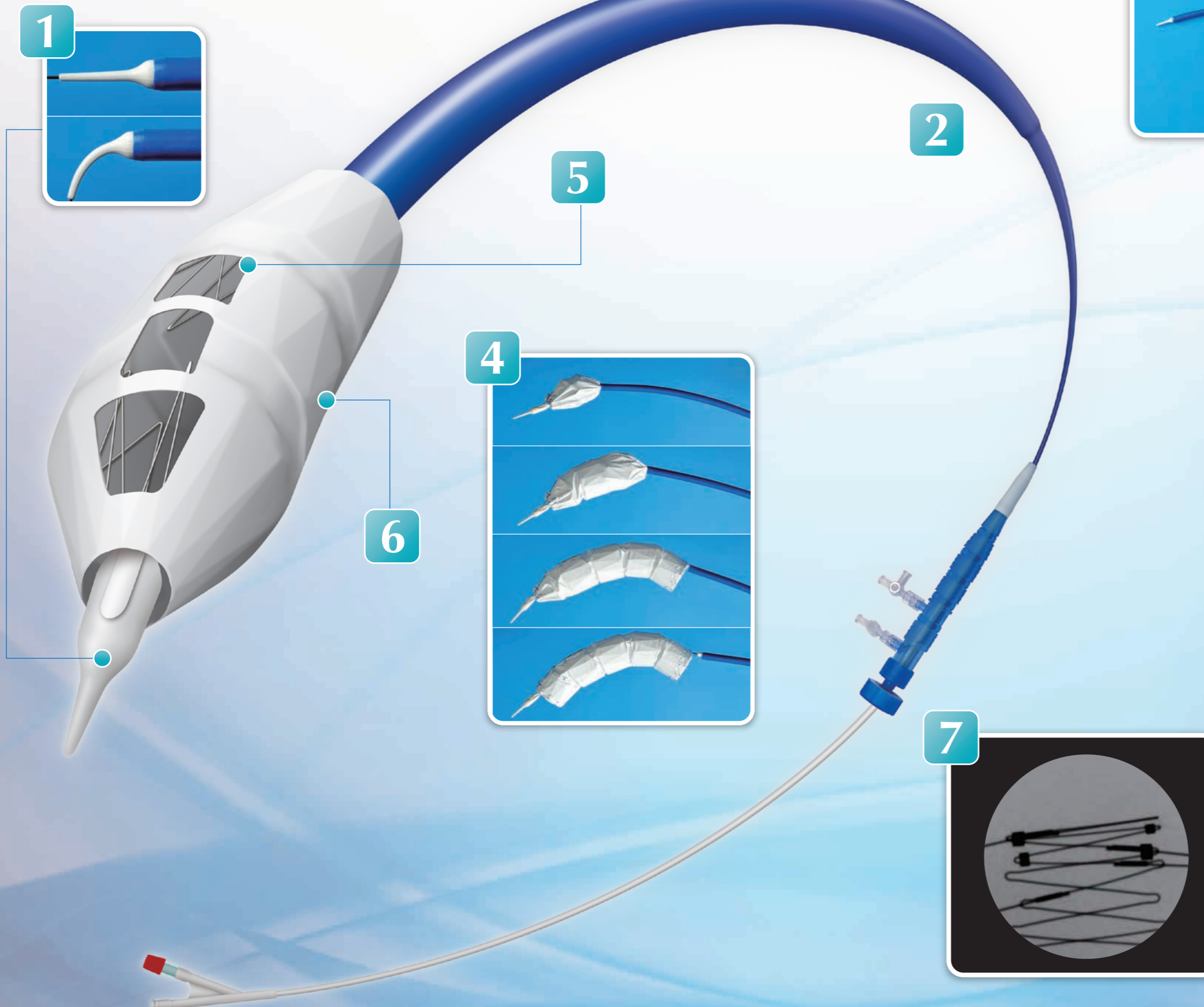
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 **KAWASUMI**

## SEMI-ORDER SYSTEM

Select and apply a specification which has the best approximation to the 3-dimensional curve of the distal arch and the descending aorta.

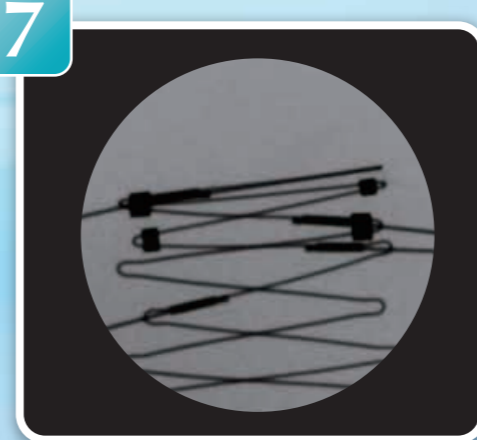


### DELIVERY SHEATH

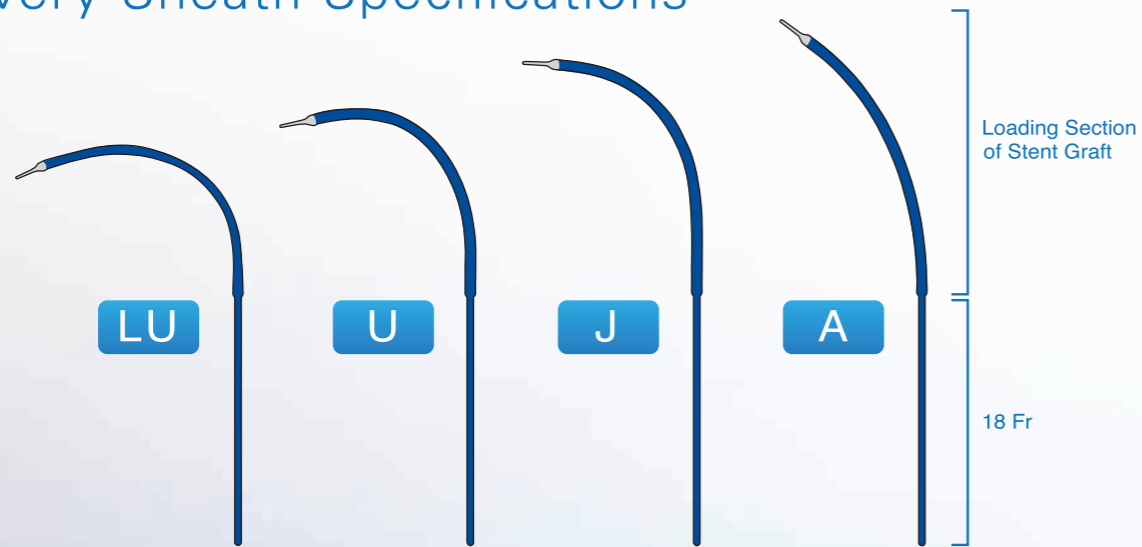
- 1 Tip**  
Pliable material makes high trackability to guidewire possible.
- 2 Hydrophilic coating**  
Decrease resistance applied to delivery sheath in operation
- 3 Shape of distal end of the sheath**  
Variations available for good matching with vessel shape of aimed implantation position.
- 4 Stabilizer line**  
As the proximal end of the graft is gradually opened in deployment, stable placement under pulsation is possible.

### STENT GRAFT

- 5 Fenestration**  
Aligning fenestrations to branch vessels around aimed lesion at aortic arch allows to place in ascending aorta without blocking blood flow into branch vessels.
- 6 Pre-shaped configuration**  
64 variations of stent skeleton by combining stent length and curving configuration for good matching with portion or shape of the aimed aorta.
- 7 Marker**  
Radiopaque markers make correct positioning possible.



## Delivery Sheath Specifications



Sheath Distal Diameter (Loading Section of Stent Graft)			
Outer Diameter	21Fr	22Fr	23Fr
Inner Diameter	18Fr	19Fr	20Fr
Stent Graft Diameter	24mm~30mm	28mm~34mm	32mm~42mm

Sheath Proximal Diameter	
18 Fr in All Code	
Total Length of Stent (mm)	
950mm 730mm 580mm	

## Stent Graft Specification Table

Group	Skelton		Graft			Length (Approx.)	Fenestration Spec 【(Shape) + (Number: 1~3)】
	Skelton Number *1 *2		Straight (S type)	4mm Tapered (T type)	6mm Tapered (V type)		
			Proximal Diameter [Increments of 2mm]				
Arch 5 stents (Fenestration)	AR01,02	32~42	32~42	32~42	38~42	175	CS1
	AR03~06						CS1,SS2,CS2
	AR7W~9W						CS1,SS2,CS2,CS3
	AR10						SS2,CS2,CS3,CL3
	AR3L~6L						CS1,SL2,CL2
	AR7L,8L						CS1,SL2,CL2,CL3
	PD01,02	24~30	28~30				CS1
	PD03~06						CS1,SS2,CS2
	PD3S,4S,6S						CS1,SL2,CL2
	PD5L						
Arch 5 stents (Non-fenestration)	AR01~06,AR10	As AR above			140	NNO	
	AR7W~9W	As AR above					
	AR3L~8L	As AR above					
Arch 4 stents	PS01~PS03	24~32					
	PS3S,PS3L						
Distal	DS01~DS05	As PD above			175		
	DS06~DS14	As AR above					
Thoraco Abdominal	TA01~TA09	As PD above			175		
	TA10~TA18	As AR above					
3 stents (Extension)	SS01	24~32				100	

Unit (mm)  
\*1 PD skelton: Smaller size of AR skelton.  
\*2 PD3S,4S,6S: Length of 1stent is approx. 20.5mm (Normal: approx. 25.5mm)

## Fenestration Specifications

Graft Outer Diameter	24,26 mm	28,30,32 mm 32-28	34,36 mm 34-30,36-32	38,40,42 mm 38-34,40-36,42-38 42-36,40-34,38-32
CS1				
SS2				
SL2				
CS2				
CL2				
Graft Outer Diameter	28,30,32 mm 32-28	34,36 mm 34-30,36-32	38,40,42 mm 38-34,40-36,42-38 42-36,40-34,38-32	
CS3				
CL3				

Unit in the Figure: mm

# Najuta Product Code Description

**AR 01 - S 40 CS 1 - 3 U 73**

**Sheath Effective Length**

95 : 950mm  
73 : 730mm  
58 : 580mm

**Sheath Tip Shape**

L : LU  
U : U  
J : J  
A : Angle

**Sheath Outer Diameter**

1 : 21Fr  
2 : 22Fr  
3 : 23Fr

**Number of Fenestration**

0 : None  
1 : 1  
2 : 2  
3 : 3

**Fenestration Shape**

NN : Without Fenestration  
SS : For Left Subclavian Artery  
SL : For Left Subclavian Artery (Large)  
CS : For Left Common Carotid Artery  
CL : For Left Common Carotid Artery (Large)

**Expanded Stent Graft Diameter**

ex.40 : φ40mm  
24 : φ24mm

**Stent Graft Shape**

ex.S : Straight  
T : Taper type (4 mm)  
V : Taper type (6 mm)

**Skeleton Number**

ex. 01 : No.1  
12 : No.12  
7L : No.7LW

**Skeleton Type**

AR : For Arch (Large)  
PD : For Arch (Small)  
PS : For Arch (4 Z-Stents)  
DS : For Descending Aorta  
TA : For Thoraco-Abdominal  
SS : For Extension

# Viewpoint of Product Code

For Arch (Large)

**AR03** Stent Length:174 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and twisted from tip to 2<sup>nd</sup> stent.

**AR04** Stent Length:174 mm

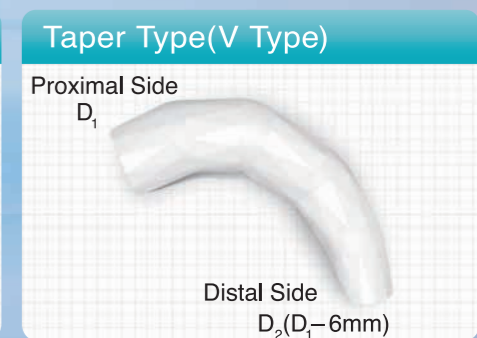
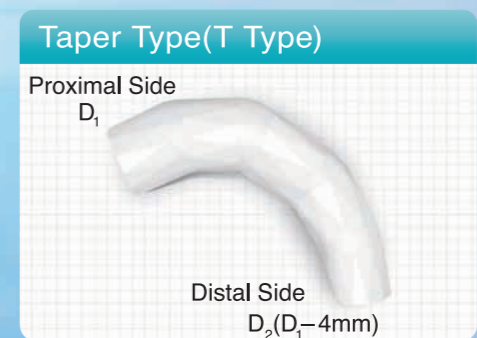
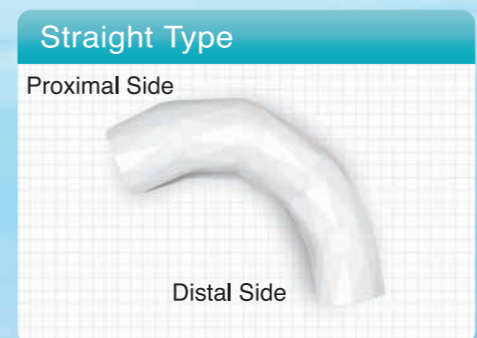
It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and twisted from 3<sup>rd</sup> stent to the end.

<b>6</b> Skeleton	<b>7</b> Graft	<b>8</b> Fenestration
AR03	S 32mm	CS1
AR04	S 34mm	CS2
	S 36mm	SS2
	S 38mm	NN0 (Without Fenestration)
	S 40mm	
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

<b>Fenestration</b>	
CS1	CS2
SS2	

- 1** Skeleton Name
- 2** Strut Length (mm)
- 3** Threads of Stent Skeleton
- 4** Total Length of Stent (mm)
- 5** Feature
- 6** Applicable Skeleton Type
- 7** Stent Graft Diameter  
S : Straight Type  
T : Taper Type (4 mm)  
V : Taper Type (6 mm)  
\*Please see below for details.
- 8** Fenestration Specification
- 9** Selectable Fenestration Code



**AR01** Stent Length:174 mm

It is largely curved between 1<sup>st</sup> and 2<sup>nd</sup> stent, and gently twisted from 2<sup>nd</sup> stent to the end.

**AR02** Stent Length:174 mm

It is largely curved between 1<sup>st</sup> and 2<sup>nd</sup> stent, and largely twisted from 2<sup>nd</sup> stent to the end.

Skeleton	Graft	Fenestration
AR01	S 32mm	CS1
AR02	S 34mm	NN0 (Without Fenestration)
	S 36mm	
	S 38mm	
	S 40mm	
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**AR3L** Stent Length:176 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and twisted from tip to 2<sup>nd</sup> stent.

**AR4L** Stent Length:176 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and twisted from 3<sup>rd</sup> stent to the end.

Skeleton	Graft	Fenestration
AR3L	S 32mm	CS1
AR4L	S 34mm	SL2
	S 36mm	CL2
	S 38mm	NN0 (Without Fenestration)
	S 40mm	
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**Fenestration**

CS1

**Fenestration**

CS1      SL2      CL2

**AR03** Stent Length:174 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and twisted from tip to 2<sup>nd</sup> stent.

**AR04** Stent Length:174 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and twisted from 3<sup>rd</sup> stent to the end.

Skeleton	Graft	Fenestration
AR03	S 32mm	CS1
AR04	S 34mm	CS2
	S 36mm	SS2
	S 38mm	NN0 (Without Fenestration)
	S 40mm	
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**AR05** Stent Length:174 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, largely twisted from tip to 2<sup>nd</sup> stent and 3<sup>rd</sup> stent to the end.

**AR06** Stent Length:174 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and gently twisted from tip to 2<sup>nd</sup> stent.

Skeleton	Graft	Fenestration
AR05	S 32mm	CS1
AR06	S 34mm	CS2
	S 36mm	SS2
	S 38mm	NN0 (Without Fenestration)
	S 40mm	
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**Fenestration**

CS1      CS2      SS2

**Fenestration**

CS1      CS2      SS2

**AR5L** Stent Length:176 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, largely twisted from tip to 2<sup>nd</sup> stent and 3<sup>rd</sup> stent to the end.

**AR6L** Stent Length:176 mm

It is largely curved between 2<sup>nd</sup> and 3<sup>rd</sup> stent, and gently twisted from tip to 2<sup>nd</sup> stent.

Skeleton	Graft	Fenestration
AR5L	S 32mm	CS1
AR6L	S 34mm	SL2
	S 36mm	CL2
	S 38mm	NN0 (Without Fenestration)
	S 40mm	
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**AR7L** Stent Length:176 mm

It is largely curved between 3<sup>rd</sup> and 4<sup>th</sup> stent, and twisted from tip to 3<sup>rd</sup> stent.

**AR8L** Stent Length:176 mm

It is largely curved between 3<sup>rd</sup> and 4<sup>th</sup> stent, and twisted from 4<sup>th</sup> stent to the end.

Skeleton	Graft	Fenestration
AR7L	S 32mm	CS1
AR8L	S 34mm	SL2
	S 36mm	CL2
	S 38mm	CL3
	S 40mm	NN0 (Without Fenestration)
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**Fenestration**

**Fenestration**

**AR7W** Stent Length:174 mm

It is largely curved between 3<sup>rd</sup> and 4<sup>th</sup> stent, and twisted from tip to 3<sup>rd</sup> stent.

**AR8W** Stent Length:174 mm

It is largely curved between 3<sup>rd</sup> and 4<sup>th</sup> stent, and twisted from 4<sup>th</sup> stent to the end.

Skeleton	Graft	Fenestration
AR7W	S 32mm	CS1
AR8W	S 34mm	CS2
	S 36mm	CS3
	S 38mm	SS2
	S 40mm	NN0 (Without Fenestration)
	S 42mm	
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**AR9W** Stent Length:176 mm

It is largely curved between 3<sup>rd</sup> and 4<sup>th</sup> stent, and gently twisted from tip to 3<sup>rd</sup> stent.

**AR10** Stent Length:178 mm

It is largely curved between 2<sup>nd</sup> and 4<sup>th</sup> stent, and gently twisted from tip to the end.

Skeleton	Graft	Fenestration
AR9W	S 32mm	CS1 (Only AR9W)
AR10	S 34mm	CS2
	S 36mm	CS3
	S 38mm	SS2
	S 40mm	CL3 (Only AR10)
	S 42mm	NN0 (Without Fenestration)
	T 32-28mm	
	T 34-30mm	
	T 36-32mm	
	T 38-34mm	
	T 40-36mm	
	T 42-38mm	
	V 38-32mm	
	V 40-34mm	
	V 42-36mm	

**Fenestration**

**Fenestration**