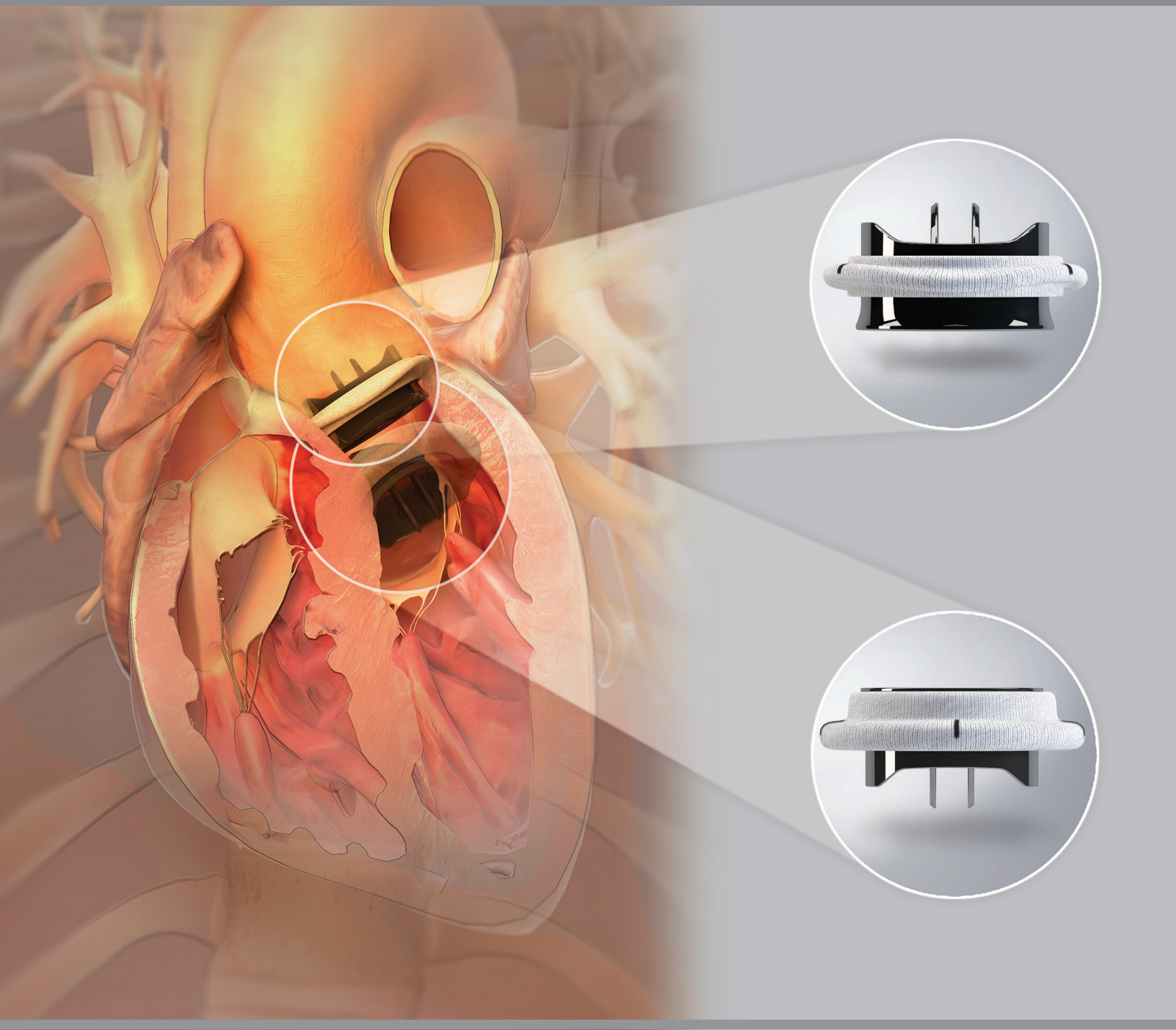
On-X®
STEP AHEAD

Prosthetic
Heart Valves

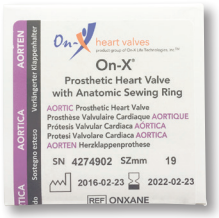
Product Catalog

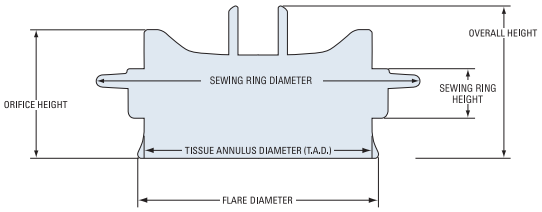


CryoLife®
Life Restoring Technologies®

On-X Valve Specifications

On-X Prosthetic Aortic Valve with Anatomic Sewing Ring[1]

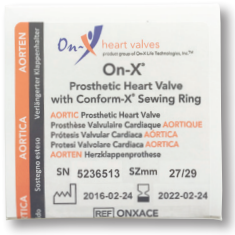


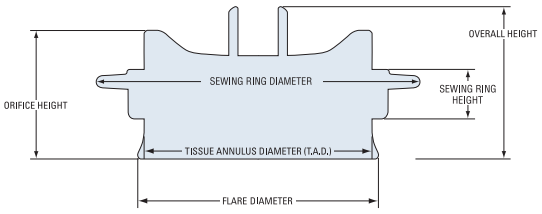


19 mm to 27/29 mm

Valve Size	Product Code	Tissue Annulus Diameter (mm)	Internal Diameter (mm)	Flare Diameter (mm)	Sewing Ring Diameter[2] (mm)	Overall Height (mm)	Orifice Height (mm)	Internal Orifice Area (cm^2)
19	ONXANE-19	19	17.4	20.1	27	13.3	10.8	2.28
21	ONXANE-21	21	19.4	22.2	30	14.7	11.9	2.84
23	ONXANE-23	23	21.4	24.3	33	16.1	13.1	3.44
25	ONXANE-25	25	23.4	26.4	34	17.8	14.2	4.11
27/29	ONXANE-27/29	27-29	23.4	26.4	36	17.8	14.2	4.11

On-X Prosthetic Aortic Valve with Conform-X Sewing Ring[1]



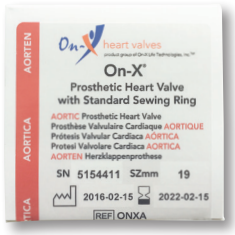


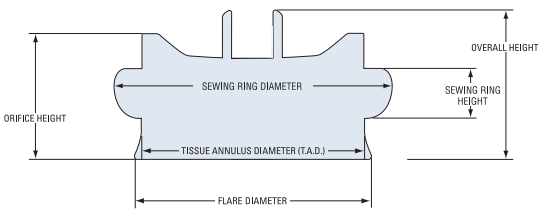
19 mm to 25 mm

27/29 mm

Valve Size	Product Code	Tissue Annulus Diameter (mm)	Internal Diameter (mm)	Flare Diameter (mm)	Sewing Ring Diameter[2] (mm)	Overall Height (mm)	Orifice Height (mm)	Internal Orifice Area (cm^2)
19	ONXACE-19	19	17.4	20.1	27	13.3	10.8	2.28
21	ONXACE-21	21	19.4	22.2	30	14.7	11.9	2.84
23	ONXACE-23	23	21.4	24.3	33	16.1	13.1	3.44
25	ONXACE-25	25	23.4	26.4	34	17.8	14.2	4.11
27/29	ONXACE-27/29	27-29	23.4	26.4	36	17.8	14.2	4.11

On-X Prosthetic Aortic Valve with Standard Sewing Ring[1]





19 mm to 25 mm

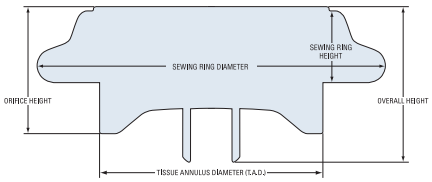
27/29 mm

Valve Size	Product Code	Tissue Annulus Diameter (mm)	Internal Diameter (mm)	Flare Diameter (mm)	Sewing Ring Diameter[2] (mm)	Overall Height (mm)	Orifice Height (mm)	Internal Orifice Area (cm^2)
19	ONXAE-19	19	17.4	20.1	23	13.3	10.8	2.28
21	ONXAE-21	21	19.4	22.2	26	14.7	11.9	2.84
23	ONXAE-23	23	21.4	24.3	29	16.1	13.1	3.44
25	ONXAE-25	25	23.4	26.4	32	17.8	14.2	4.11
27/29	ONXAE-27/29	27-29	23.4	26.4	34	17.8	14.2	4.11

On-X Ascending Aortic Prosthesis with the Vascutek® Gelweave® Valsalva™ Graft[3]

Valve Size	Product Code	Valve Internal Diameter (mm)	Valve Orifice Area with Leaflets in Place (cm^2)	Sewing Ring Diameter[2] (mm)	Graft Diameter (mm)	Graft Length (cm)
19	ONXAAP-19	17.4	2.00	27	20	11
21	ONXAAP-21	19.4	2.53	30	22	11
23	ONXAAP-23	21.4	3.13	33	24	11
25	ONXAAP-25	23.4	3.73	34	26	11
27/29	ONXAAP-27/29	23.4	3.73	36	26	11

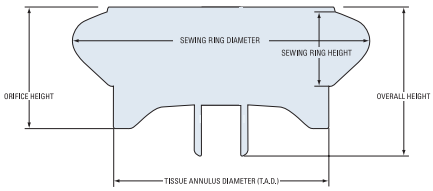
On-X Prosthetic Mitral Valve with Conform-X Sewing Ring[1]



25/33 mm

Valve Size	Product Code	Tissue Annulus Diameter (mm)	Internal Diameter (mm)	Sewing Ring Diameter[2] (mm)	Overall Height (mm)	Orifice Height (mm)	Internal Orifice Area (cm^2)
25/33	ONXMC-25/33	25-33	23.4	39	17.8	14.2	4.11

On-X Prosthetic Mitral Valve with Standard Sewing Ring[1]



23 mm and 25 mm

27/29 mm and 31/33 mm

Valve Size	Product Code	Tissue Annulus Diameter (mm)	Internal Diameter (mm)	Sewing Ring Diameter[2] (mm)	Overall Height (mm)	Orifice Height (mm)	Internal Orifice Area (cm^2)
23	ONXM-23	23	21.4	31	16.1	13.1	3.44
25	ONXM-25	25	23.4	33	17.8	14.2	4.11
27/29	ONXM-27/29	27-29	23.4	34	17.8	14.2	4.11
31/33	ONXM-31/33	31-33	23.4	36	17.8	14.2	4.11

On-X Instrument Kit - Aortic and Mitral[4]

On-X Instrument Kit – Aortic and Mitral[4]

Description	Product Code
13 instruments total	ONXI3-CK

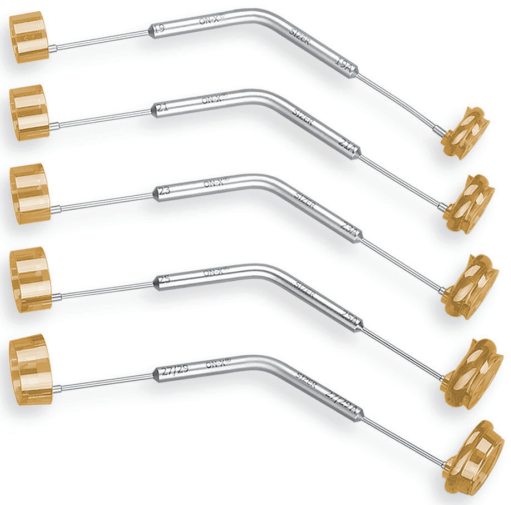
On-X Sterilizable Tray

Description	Product Code
Tray Only - No Instruments	ONXI3-CT

On-X Aortic Sizers

Description	Product Code
For valve size 19	ONXI3-19S
For valve size 21	ONXI3-21S
For valve size 23	ONXI3-23S
For valve size 25	ONXI3-25S
For valve size 27/29	ONXI3-27-29S

On-X Aortic Sizers



On-X Mitral Sizers

Description	Product Code
For valve sizes 23, 25 and 25/33	ONXI3-23-25S
For valve sizes 25/33, 27/29, and 31/33	ONXI3-27-33S

Note: The size of the On-X Mitral Valve with the Standard Sewing Ring corresponds to the size on the Mitral Sizer. The size of the On-X Mitral Valve with the Conform-X Sewing Ring depends on the size of the patient's anatomy and the Mitral Sizer for the 25, 27/29, or 31/33 may be applicable.

On-X Mitral Sizers

On-X Rotators

Description	Product Code
For valve size 19	ONXI2-19R
For valve size 21	ONXI2-21R
For valve size 23	ONXI2-23R
For valve sizes 25-33	ONXI2-25R
For mitral valve sizes 25-33[4]	ONXI3-25MR

On-X Handle & Probe (universal)

Description	Product Code
Instrument Handle	ONXI2-H
Leaflet Probe	ONXI2-LP

Rotators, Instrument Handle, and Leaflet Probe

References:
1. All On-X Valve sewing rings are made from polytetrafluoroethylene (PTFE)
2. Sewing rings nominal dimensions
3. The Vascutek Gelweave Valsava Graft, is a product of Vascutek, a Terumo Company http//www.vascutek.com
4. The On-X instrument kit consists of one of every instrument listed above, except for the ONXI3-25MR, which is available separately upon request. Grey Sizers can be ordered through your local CryoLife representative.

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