

CONFIGURATIONS

SIZES, WEIGHTS & DIMENSIONS



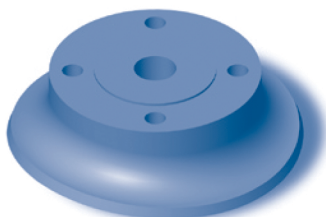
LATERAL & ELBO VESSELETS®

Integrally reinforced, contoured-insert type branch connection ideally suited for cyclical and high pressure/temperature services. Patented design reduces weld volume, and lends itself to non-destructive examination. May be used to replace seamless reducing laterals. Available in butt-weld, socket-weld, threaded, and flanged configurations.



FLANGED VESSELET®

Integrally reinforced contoured insert type branch connections with integral flange outlet (class 150 thru class 2500). Eliminates flange attachment weld. Customized projection heights available.



STUDET®

Designed for mating flanges to vessels or tanks utilizing contoured insert type connection. Available in all flange sizes and pressure ratings. Patented design reduces weld volume, and lends itself to non-destructive examination.

Special Shapes and Configurations for Problems Specific to the Piping Industry

The following patents apply: 262,397 274,549 4,438,955 282,867 4,450,613 (foreign patents also)



THERMALET®

Integrally reinforced contoured-insert type branch connections, threaded (class 3000 and class 6000) and flanged (class 150 thru class 2500) for thermowells in heavily insulated pipes. Moves attachment weld away from instrument tap. Patented design reduces weld volume, and lends itself to non-destructive examination.

Butt-Weld Vessellet - Sizes, Weights & Dimensions	Outlet Size Inches	Dimensions		Appx. Weight Pounds
		A	Installation OD	
	1/2	1-1/4	OD's vary by application	0.80
	3/4	1-1/4		0.90
	1	1-1/4		1.10
	1-1/4	1-1/4		1.30
	1-1/2	1-3/4		1.75
	2	1-1/2		3.19
	3	1-11/16		6.90
	4	2-1/16		12.03
	6	2-11/16		24.45
	8	3		44.14
	10	3-1/8		63.33
	12	3-5/16		98.37
	14	3-5/8		122.00
	16	3-3/4		141.90
	18	4-5/8		173.70
	20	5-1/8		208.00
	24	5-5/8		313.00

"A" Dimensions shown are nominal for STD x STD and XS x XS.
Other Schedules may vary.

Backed by complete testing program

WFI has conducted comprehensive burst tests of Vessellets®. Additionally, WFI has conducted fatigue tests to offer more directly applicable data for stress intensification factor (sif) calculations, which are of major importance in piping system analysis.

WFI offers full engineering capability to develop special configurations and designs, and to perform analysis of those designs using in-house finite element analysis.