



## Plain End Fittings

[Download publication 14.04](#) for complete information

- Provides change of direction to plain end piping systems
- Ready to install fitting
- Compatible only with Style 99 *Roust-A-Bout* coupling
- Sizes from 1 – 12" | DN25 – DN300
- Fitting pressure rating conforms to pressure rating of Style 99 *Roust-A-Bout* couplings
- Regional availability, contact [Victaulic](#) for details

### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings



**No. 10P**  
90° Elbow



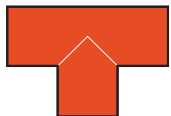
**No. 11P**  
45° Elbow



**No. 100P**  
90° Long  
Radius Elbow



**No. 110P**  
45° Long  
Radius Elbow



**No. 20P**  
Tee



**No. 25P**  
Reducing Tee



**No. 30P**  
45° Lateral



**No. 33P**  
True Wye



**No. 35P**  
Cross



**No. 40P**  
Adapter Nipple  
(Plain End x  
Thread)



**No. 42P**  
Adapter Nipple  
(Plain End x  
Bevel)



**No. 43P**  
Adapter Nipple  
(Plain End x  
Groove)



**No. 53P**  
Swaged Nipple



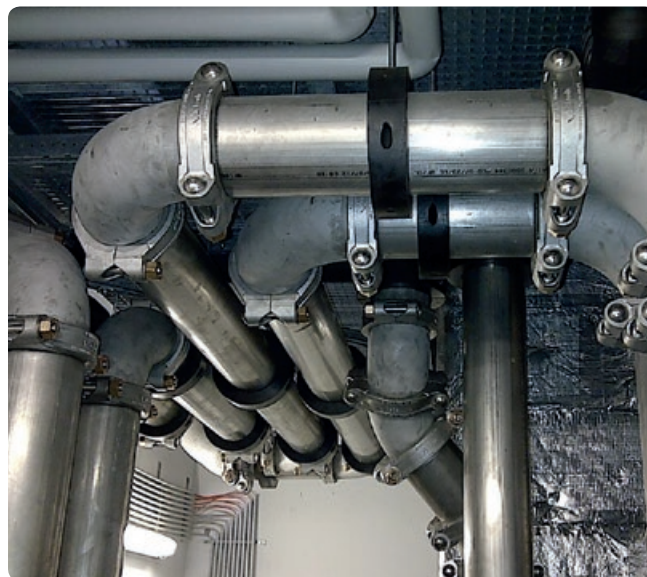
**No. 61P**  
Steel Bull Plug

## Stainless Steel System

### Original Groove System

The Victaulic® Original Grooved System (OGS) for Stainless Steel features a full line of couplings, fittings and valves designed for use on ¾–24" | DN20–DN600 Type 304/304L and 316/316L stainless steel pipe. Performance varies by product, see Victaulic product publications for more information.

[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings






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## Advanced Groove System

Victaulic offers a comprehensive portfolio of Advanced Groove System (AGS) couplings for systems 14–78" | DN350–DN1950 and AGS fittings for systems 14–24" | DN350–DN600. Our large diameter piping solutions provide strength and dependability in addition to speed, making them an excellent choice over welding. Other advantages AGS joints provide over welded joints include no flame installation, superior seismic shock resistance, and a union at every joint for easy adjustment, system maintenance or system expansion.





[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

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## Vic-Press™ System

The revolutionary Victaulic® Vic-Press™ for Schedule 10S system provides quick, easy and safe installation and maintenance for off-the-shelf ASTM A-312 stainless steel pipe. It has the integrity to stand up to the demands of industrial applications by providing a positive mechanical interlock between the pipe and the fitting.





[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

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## StrengThin™ System

The *Victaulic* StrengThin™ system, ideally suited for high-pressure SWRO applications, delivers weld-like load carrying capabilities on thin wall stainless steel pipe. The system accommodates pressures up to 1200 psi | 8274 kPa | 83 bar, and is designed with duplex stainless steel to provide corrosion resistance. The system, consisting of couplings, fittings, and valves, is specifically designed for use on Victaulic's proprietary *StrengThin* groove profile, and is available in 2–20" | DN50–DN500.

[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

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## Stainless Steel System

### StrengThin™ 100 System

The Victaulic® StrengThin™ 100 system is specifically designed to perform up to 232 psi | 1600 kPa | 16 bar on thin wall Type 304/316 stainless steel pipe. Exclusively for use with couplings, fittings, valves, accessories and pipe which feature ends formed with Victaulic's proprietary *StrengThin* 100 groove profile, the system is available in sizes 2–12" | DN50–DN300, and it eliminates the need for pickling or passivating the joint and for a fire watch.

[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

To learn more visit [strengthen100.com](http://strengthen100.com)



### High Performance System for Stainless Steel

Victaulic has expanded its high performance line for use on stainless steel pipe. Available in sizes 2–8" | DN50–DN200, the system includes the Style 870 rigid coupling, a full line of fittings, roll grooving tools, and roll sets that eliminate the need to weld steam systems up to 200 psi | 1379 kPa | 14 bar.


[Download publication 25.12](#) for OGS-200 Roll Groove Specifications

To learn more visit [victaulicsteam.com](http://victaulicsteam.com)

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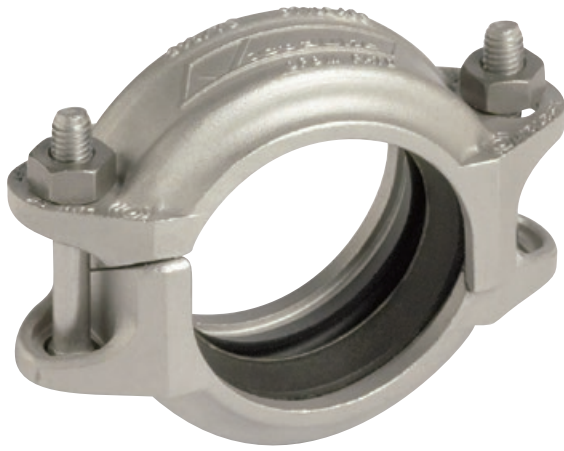
 *StrengThin* 100 Field Portable Roll Grooving Tool (RG3600) 123

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## Type 316 Rigid Coupling

STYLE 489

[Download publication 17.25](#) for complete information

- Greatly reduces linear or angular movement and is useful for valve connections where rigidity is required
- Designed for use with fittings and valves featuring Victaulic® Original Groove System (OGS) grooved ends for fast installation
- Sizes from 1½ – 12" | DN40 – DN300
- Pressures up to 600 psi | 4137 kPa | 41 bar
- For the duplex stainless steel coupling, [download publication 17.33](#) for Style 489DX

### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings



## Rigid Coupling for Stainless Steel

STYLE 89

[Download publication 17.24](#) for complete information

- Greatly reduces linear or angular movement and is useful for valve connections where rigidity is required
- Designed for use with fittings and valves featuring Victaulic Original Groove System (OGS) grooved ends for fast installation
- Galvanized coated ductile iron coupling
- Sizes from 2 – 12" | DN50 – DN300
- Pressures up to 1200 psi | 8274 kPa | 83 bar
- For the duplex stainless steel coupling, [download publication 17.33](#) for Style 489DX

### Certifications/Listings:



## Duplex Rigid Coupling

STYLE 489DX

[Download publication 17.33](#) for complete information

- Greatly reduces linear or angular movement and is useful for valve connections where rigidity is required
- Designed for use with fittings and valves featuring Victaulic Original Groove System (OGS) grooved ends for fast installation
- Sizes from 2 – 12" | DN50 – DN300
- Pressures up to 1200 psi | 8274 kPa | 83 bar
- Optional super duplex stainless steel housing
- For the Type 316 stainless steel coupling, [download publication 17.25](#) for Style 489

## Stainless Steel System



## Type 316 Flexible Coupling

STYLE 77S

[Download publication 17.03](#) for complete information

- Provides a rugged mechanical joint for grooved end stainless steel piping systems
- Designed for use with fittings and valves featuring Victaulic® Original Groove System (OGS) grooved ends for fast installation
- Sizes from 8–18" | DN200–DN450
- Pressures up to 300 psi | 2068 kPa | 21 bar
- For the duplex coupling in sizes ¾–6" | DN20–DN150, [download publication 17.20](#) for information on Style 77DX



## Type 316 Lightweight Flexible Coupling

STYLE 475

[Download publication 17.14](#) for complete information

- Unique coupling design permits assembly by removing one nut/bolt and scissoring housing over gasket
- Designed for use with fittings and valves featuring Victaulic Original Groove System (OGS) grooved ends for fast installation
- Sizes from 1–4" | DN25–DN125 | 165.1 mm
- Pressures up to 500 psi | 3447 kPa | 34 bar
- For the duplex coupling, [download publication 17.34](#) for information on Style 475DX

## Certifications/Listings:



## Duplex Flexible Coupling

STYLE 77DX

[Download publication 17.20](#) for complete information

- Designed to provide a rugged mechanical joint for roll grooved stainless steel systems
- Designed for use with fittings and valves featuring Victaulic Original Groove System (OGS) grooved ends for fast installation
- Sizes from ¾–6" | DN20–DN150
- Pressures up to 1200 psi | 8274 kPa | 83 bar
- Optional super duplex stainless steel housing
- For Type 316 stainless steel coupling in sizes 8–18" | DN200–DN450, [download publication 17.03](#) for information on Style 77S

## Certifications/Listings:





## Duplex Lightweight Flexible Coupling

STYLE 475DX

[Download publication 17.34](#) for complete information

- Unique coupling design permits assembly by removing one nut/bolt and scissoring housing over gasket
- Designed for use with fittings and valves featuring Victaulic® Original Groove System (OGS) grooved ends for fast installation
- Sizes from 1–4" | DN25–DN100
- Pressures up to 500 psi | 3447 kPa | 34 bar
- Optional super duplex stainless steel housing
- For the Type 316 stainless steel coupling, [download publication 17.14](#) for Style 475



## Type 316 Vic-Flange Adapter

STYLE 441

[Download publication 17.27](#) for complete information

- ANSI Class 150
- Constructed from Grade CF8M stainless steel, making it ideal for externally corrosive environments
- Sizes from 2–6" | DN50–DN150
- Pressures up to 275 psi | 1896 kPa | 19 bar
- Available Flange Adapter Nipples:  
No. 445F Flat Face Flange Adapter Nipple  
No. 445R Raised Face Flange Adapter Nipple  
No. 441N Flange Adapter Nipple (For EMEAI only)



## Stainless Steel *Mechanical-T* Bolted Branch Outlet

STYLE 422

[Download publication 17.02](#) for complete information

- Provides a direct Victaulic Original Groove System (OGS) grooved or female threaded branch connection at any location where a hole can be cut in the pipe
- A pressure responsive gasket provides the seal
- Also suitable for use with HDPE pipe
- Sizes from 2–10" | DN50–DN250
- Pressures up to 300 psi | 2068 kPa | 21 bar

### Certifications/Listings:



[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

## Stainless Steel System



## Stainless Steel Schedule 10S Fittings

[Download publication 17.16](#) for complete information

- Grooved ends eliminate pipe end preparation for the fittings
- Designed for use with couplings featuring Victaulic® Original Groove System (OGS) grooved ends for fast installation
- Sizes from ¾ – 12" | DN20 – DN300
- Available in Type 304L or 316L
- [Download publication 17.27](#) for stainless steel flange options

### Certifications/Listings:



[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings



**No. 410 SS**  
90° Elbow



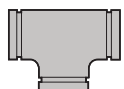
**No. 411 SS**  
45° Elbow



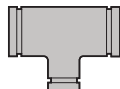
**No. 412 SS**  
22½° Elbow



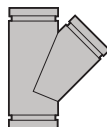
**No. 413 SS**  
11¼° Elbow



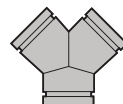
**No. 420 SS**  
Tee



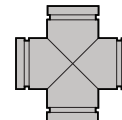
**No. 425 SS**  
Grooved Branch Reducing Tee



**No. 430 SS**  
45° Lateral



**No. 433 SS**  
True Wye



**No. 435 SS**  
Cross



**No. 441N**  
Flanged Adapter Nipple (EMEA-I Only)



**No. 442 SS**  
Adapter Nipple (Groove x Bevel)



**No. 443 SS**  
Adapter Nipple (Groove x Groove)



**No. 445F**  
Flat Face Flanged Adapter Nipple



**No. 445R**  
Raised Face Flanged Adapter Nipple



**No. 450 SS**  
Concentric Reducer



**No. 451 SS**  
Eccentric Reducer



**No. 460 SS**  
Cap





## Stainless Steel Schedule 40S Fittings

[Download publication 17.16](#) for complete information

- Grooved ends eliminate pipe end preparation for the fittings
- Designed for use with couplings featuring Victaulic® Original Groove System (OGS) grooved ends for fast installation
- Sizes from ¾ – 12" | DN20 – DN300
- Available in Type 304L or 316L
- Designed for higher pressure systems
- [Download publication 17.27](#) for stainless steel flange options

### Certifications/Listings:



[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings



**No. 410HSS**  
90° Elbow



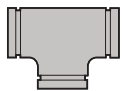
**No. 411HSS**  
45° Elbow



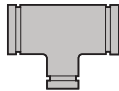
**No. 412HSS**  
22½° Elbow



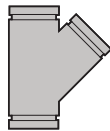
**No. 413HSS**  
11¼° Elbow



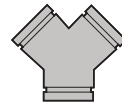
**No. 420HSS**  
Tee



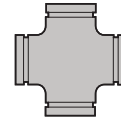
**No. 425HSS**  
Grooved Branch Reducing Tee



**No. 430HSS**  
45° Lateral



**No. 433HSS**  
True Wye



**No. 435HSS**  
Cross



**No. 440HSS**  
Adapter Nipple  
(Groove x Thread)



**No. 441N**  
Flanged Adapter Nipple  
(EMEA-I Only)



**No. 442HSS**  
Adapter Nipple  
(Groove x Bevel)



**No. 443HSS**  
Adapter Nipple  
(Groove x Groove)



**No. 445F**  
Flat Face Flanged Adapter Nipple



**No. 445R**  
Raised Face Flanged Adapter Nipple



**No. 450HSS**  
Concentric Reducer



**No. 451HSS**  
Eccentric Reducer



**No. 460HSS**  
Cap

## Stainless Steel System



### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings

[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

## Vic-300™ MasterSeal™ Stainless Steel Butterfly Valve

SERIES 461

[Download publication 17.40](#) for complete information

- Designed for bi-directional, dead end services to full working pressure
- Available without handle, with gear operator, with lever lock handle and memory stop, or with 10-position handle and memory stop
- Designed for use with fittings and couplings featuring Victaulic® Original Groove System (OGS) grooved ends for fast installation
- Sizes from 2–12" | DN50–DN300
- Pressures up to 300 psi | 2068 kPa | 21 bar



### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings

[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

## Stainless Steel Check Valve

SERIES 416

[Download publication 17.41](#) for complete information

- Resilient-seat spring return swing check valve designed for horizontal or vertical (upward flow) applications
- Designed for use with fittings and couplings featuring Victaulic Original Groove System (OGS) grooved ends for fast installation
- Sizes from 2–12" | DN50–DN300
- Pressures up to 300 psi | 2068 kPa | 21 bar



### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings

## Stainless Steel Swing Check Valve

SERIES 712S

[Download publication 17.08](#) for complete information

- The large closure access bonnet permits easy access for in-line service
- Designed for use with fittings and couplings featuring Victaulic Original Groove System (OGS) grooved ends for fast installation on inlet and outlet ports
- Available in size 2" | DN50
- Pressures up to 300 psi | 2068 kPa | 21 bar



## Duplex Double Disc Check Valve

SERIES 415

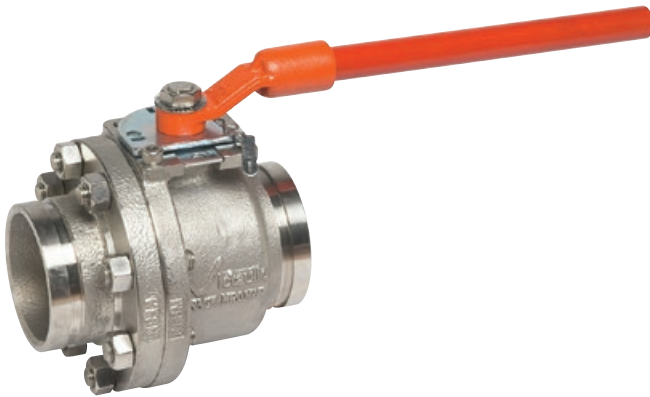
[Download publication 17.37](#) for complete information

- Designed for use with pipe which features ends formed with either Victaulic's proprietary StrengThin™ groove profile or the Victaulic® Original Groove System (OGS) profile, specify when ordering
- Sizes from 2–18" | DN50–DN450
- Pressures up to 1200 psi | 8274 kPa | 83 bar

### Certifications/Listings:



[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings



## Type 316 Vic-Ball Valve

SERIES 726S

[Download publication 17.22](#) for complete information

- High pressure Type 316 stainless steel standard port ball valve with *Victaulic* Original Groove System (OGS) grooved ends
- Sizes from 1½–6" | DN40–DN150
- Pressures up to 1000 psi | 6895 kPa | 69 bar



## Super Duplex Vic-Ball Valve

SERIES 726D

[Download publication 17.28](#) for complete information

- High pressure super duplex stainless steel standard port ball valve with *Victaulic* Original Groove System (OGS) grooved ends
- Sizes from 2–6" | DN50–DN150
- Pressures up to 1200 psi | 8274 kPa | 83 bar

### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings

## Stainless Steel System



### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings

[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

## Duplex Plug Valve

SERIES 465

[Download publication 17.36](#) for complete information

- Typically used in reverse osmosis desalination plants for on/off and control services
- Available without operator or with manual, pneumatic, hydraulic and electric actuators
- Available for use with pipe which features ends formed with either Victaulic's proprietary StrenghThin™ groove profile or the Victaulic® Original Groove System (OGS) profile, specify when ordering
- Sizes from 2–20" | DN50–DN500
- Pressures up to 1450 psi | 9997 kPa | 100 bar



### Certifications/Listings:



[Download publication 10.01](#) for Fire Protection Certifications/Listings

[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

## Three-Piece Vic-Press™ Ball Valve

SERIES P569

[Download publication 18.14](#) for complete information

- The three-piece design permits easy in-line maintenance
- Quarter-turn, bubble-tight shut-off valve, available in three end configurations: Press × Press, Groove × Press and Groove × Groove
- Sizes from ½–2" | DN15–DN50
- Pressures up to 400 psi | 2758 kPa | 28 bar
- For the entire Vic-Press™ line of products, see pgs. 66 and 67