

Original Groove System (OGS)



Certifications/Listings:



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

Vic-Flange Adapter

STYLE 741

[Download publication 06.06](#) for complete information

- ANSI Class 125 and 150, Australian Standard Table E, and PN10/16 flanges
- Sizes from 2–24" | DN50–DN600
- Pressures up to 300 psi | 2068 kPa | 21 bar
- For AGS sizes 14–24" | DN350–DN600, [download publication 20.04](#) for information on AGS Style W741
- [Download publication 32.01](#) for applications in PVC systems



Certifications/Listings:



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

Vic-Flange Adapter

STYLE 743

[Download publication 06.06](#) for complete information

- ANSI Class 300 flanges
- Sizes from 2–12" | DN50–DN300
- Pressures up to 720 psi | 4964 kPa | 50 bar



Fittings

[Download publication 07.01](#) for complete information on OGS grooved end fittings for carbon steel pipe

- Standard fitting pressure ratings conform to ratings of installed coupling
- All fittings supplied with grooves or shoulders for fast installation
- Fittings available from $\frac{3}{4}$ –24" | DN20–DN600
- For AGS sizes 14–60" | DN350–DN1500, [download publication 20.05](#) for complete information

Certifications/Listings:



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

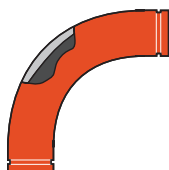
Elbows



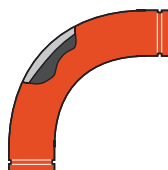
No. 10
90° Elbow



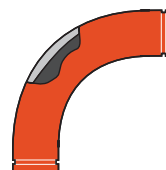
No. 100-1½D
90° 1½ D Long
Radius Elbow



No. 100-3D
90° 3 D Long
Radius Elbow



No. 100-5D
90° 5 D Long
Radius Elbow



No. 100-6D
90° 6 D Long
Radius Elbow

For 3D, 5D
and 6D long
radius bends,
[download
publication
07.02](#)



No. 11
45° Elbow



No. 110-1½D
45° 1½ D Long
Radius Elbow



No. 110-3D
45° 3 D Long
Radius Elbow



No. 110-5D
45° 5 D Long
Radius Elbow



No. 110-6D
45° 6 D Long
Radius Elbow

For Schedule 80
3D long radius
cast ductile
iron elbows,
[download
publication
07.12](#)



No. 12
22½° Elbow



No. 13
11¼° Elbow



No. 18
90° Adapter
Elbows



No. 19
45° Adapter
Elbows

For coating
options,
[download
publication
07.01](#)



No. 10-DR
Drain Elbow



No. R-10G
Reducing Base
Support Elbows
(OGS Groove x
OGS Groove)



No. R-10F
Reducing Base
Support Elbows
(OGS Groove x
Flange)



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

Fittings

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Tees, Crosses, Wyes, and Laterals



No. 20
Tee



No. 25
Grooved Branch
Reducing Tee



No. 29M
Tee with
Threaded Branch



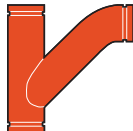
No. 29T
Threaded Branch
Reducing Tee



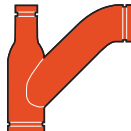
No. 30
45° Lateral



No. 30-R
45° Reducing
Lateral



No. 32
Tee Wye



No. 32-R
Reducing
Tee Wye



No. 33
True Wye



No. 35
Cross



Fittings

[Download publication 07.01](#) for complete information on OGS grooved end fittings for carbon steel pipe

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- All fittings supplied with grooves or shoulders for fast installation
- Fittings available from $\frac{3}{4}$ –24" | DN20–DN600
- For AGS sizes 14–60" | DN350–DN1500, [download publication 20.05](#) for complete information

Certifications/Listings:



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

Adapters, Nipples, Caps and Plugs



No. 40
Adapter Nipple
(OGS Groove x Thread)



No. 41
ANSI Class 125
Flanged Adapter Nipple



No. 41-DN
PN10/16
Flanged Adapter Nipple



No. 42
Adapter Nipple
(OGS Groove x Bevel)



No. 43
Adapter Nipple
(OGS Groove x OGS Groove)



No. 45F
ANSI Class 150
Flat Face
Flanged Adapter Nipple



No. 45FE
PN10/16
Flat Face
Flanged Adapter Nipple



No. 45R
ANSI Class 150
Raised Face
Flanged Adapter Nipple



No. 45RE
PN10/16
Raised Face
Flanged Adapter Nipple



No. 46F
ANSI Class 300
Flat Face
Flanged Adapter Nipple



No. 46R
ANSI Class 300
Raised Face
Flanged Adapter Nipple



No. 48
Hose Nipple



No. 50
Concentric Reducer



No. 51
Eccentric Reducer



No. 52
Small Threaded Reducer



No. 53
Swaged Nipple
(OGS Groove x OGS Groove)



No. 54
Swaged Nipple
(OGS Groove x Thread)



No. 55
Swaged Nipple
(Thread x OGS Groove)



No. 60
Cap

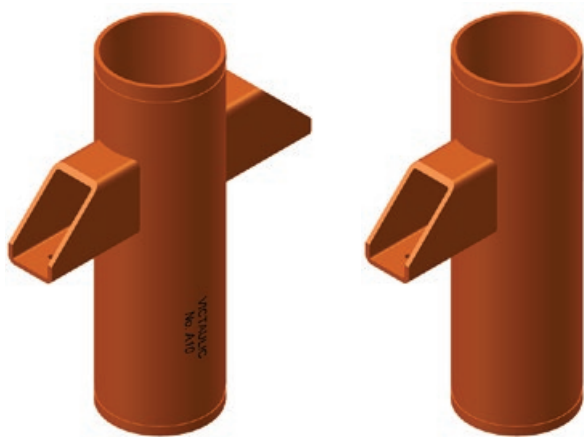


No. 61
Bull Plug



No. 80
Female Threaded Adapter

Original Groove System (OGS)



Pipe Anchor

NO. A10

NO. A40 for Tight Spaces

[Download publication 07.70](#) for No. A10

[Download publication 07.74](#) for No. A40

- Assists in directing pipe movement in piping system risers that are designed and installed exclusively with Victaulic Original Groove System (OGS) grooved products
- Sizes from 2–12" | DN50–DN300
- Pressures up to 500 psi | 3447 kPa | 34 bar



Mover Expansion Joint

STYLE 150

[Download publication 09.04](#) for complete information

- Slip-type expansion joint providing up to 3" | 76 mm axial movement
- Sizes from 2–6" | DN50–DN150
- Pressures up to 350 psi | 2413 kPa | 24 bar



Expansion Joint

STYLE 155

[Download publication 09.05](#) for complete information

- Combination of flexible couplings and custom grooved pipe spools, joined in tandem to provide increased expansion
- Style 155 grooved expansion joints are rated to the working pressure of the coupling used
- Sizes from ¾–12" | DN20–DN300
- For AGS sizes 14–24" | DN350–DN600, [download publication 20.12](#) for information on Style W155

Original Groove System (OGS)



Certifications/Listings:



Suction Diffuser

SERIES 731-D

[Download publication 09.20](#) for complete information

- Allows piping assembly at a 90° angle from the pump, saving valuable space in the mechanical room while minimizing cavitation
- Available flanged connections: ANSI Class 150, Australian Standard Table E, PN10/16, GB, and JIS 10K
- Sizes from 3–12" | DN80–DN300
- Pressures up to 300 psi | 2068 kPa | 21 bar
- For AGS sizes 14–24" | DN350–DN600, [download publication 20.20](#) for information on Series W731-D



Certifications/Listings:



Vic-Strainer Tee Type

SERIES 730

[Download publication 09.02](#) for complete information

- Lighter than flanged Y-type strainers and provides straight-through flow for lower pressure drop
- Sizes from 1½–12" | DN40–DN300
- Pressures up to 750 psi | 5171 kPa | 52 bar
- For AGS sizes 14–24" | DN350–DN600, [download publication 20.11](#) for information on Series W730



Certifications/Listings:



Vic-Strainer Wye Type

SERIES 732

[Download publication 09.03](#) for complete information

- Provides straight-through flow for lower pressure drop
- Sizes from 2–12" | DN50–DN300
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Available in limited sizes for air handling units
- For AGS sizes 14–24" | DN350–DN600, [download publication 20.19](#) for information on Series W732



Outlet Fitting

No. 26

[Download publication 07.11](#) for complete information

- An outlet fitting for any mechanical room application
- Sizes from $\frac{3}{4}$ –12" | DN20–DN300 with Victaulic® OGS grooved ends,
- For AGS sizes 14–60" | DN350–DN1500, see pg. 36
- Pressure rating conforms to the rating of adjoining couplings
- Regional availability, contact [Victaulic](#) for details



Vibration Isolation Air Handling Unit Drop

SERIES 385

[Download publication 102.15](#) for complete information

- Provides hook-ups for isolation, straining, balancing and draining
- Swing joint solves misaligned coil challenges
- Single and double supply and return configurations
- Sizes from 2×2" through 6×4" | DN50×DN50 through DN150×DN100
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact [Victaulic](#) for details