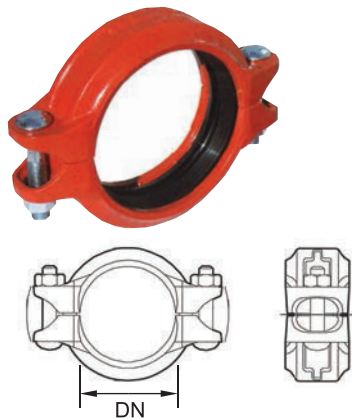




Grooved Fittings & Couplings



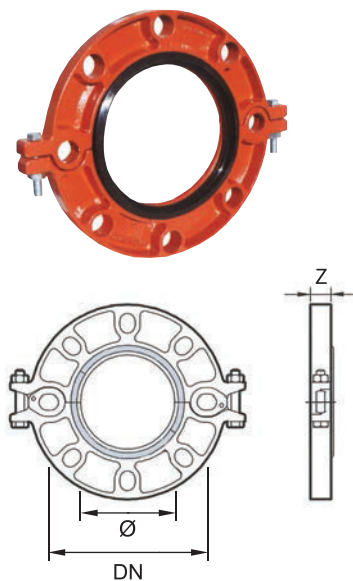
GROOVED COUPLINGS & FLANGE ADAPTORS



Style 1GS Rigid Coupling

CNG style 1GS is a light weight rigid coupling for rigid sprinkler system. Style 1GS is especially designed to provide a rigid, locked-in connection to meet the specified demands of rigid design steel pipe

Size		Max. Work Pressure		Size		Max. Work Pressure	
DN / Inches	mm	Bar / PSI		DN / Inches	mm	Bar / PSI	
32 / 1¼"	42.4	52 / 750		125 / 5"	133.0	35 / 500	
40 / ½"	48.3	52 / 750		125 / 5"	139.7	35 / 500	
50 / 2"	60.3	42 / 600		150 / 6"	165.1	35 / 500	
65 / 2½"	73.0	38 / 550		150 / 6"	168.3	35 / 500	
65 / 2½"	76.1	38 / 550		200 / 8"	219.1	25 / 350	
80 / 3"	88.9	38 / 550		250 / 10"	273.0	25 / 350	
100 / 4"	114.3	35 / 500		300 / 12"	323.9	25 / 350	

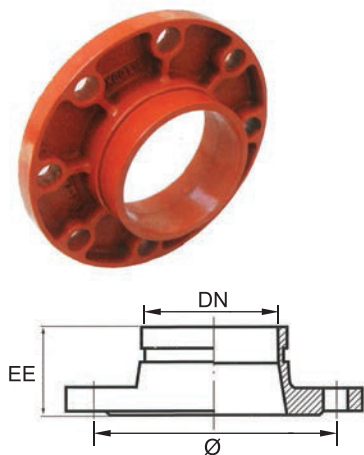


Style "321" Split Flange Plate

CNG Style 321 Split Flange Plate is designed with oral flange holes to suit both ANSI Class 125 / 150 and **PN16 flange connection**.

Size		Max. Work Pressure		Dimension		Size		Max. Work Pressure		Dimension	
DN / Inches	mm	Bar / PSI		Z mm	Ø mm	DN / Inches	mm	Bar / PSI		Z mm	Ø mm
65 / 2½"	73.0	35 / 500		22	145	125 / 5"	139.7	35 / 500		22	210
65 / 2½"	76.1	35 / 500		22	145	125 / 5"	141.3	35 / 500		26	210
80 / 3"	88.9	35 / 500		22	160	150 / 6"	165.1	35 / 500		24	240
100 / 4"	114.3	35 / 500		24	180	150 / 6"	168.3	35 / 500		26	240
						200 / 8"	219.1	28 / 400		30	295

Ø = Pitch Circle Diameter (PCD)



Style "321G" Flange Adaptor Nipple

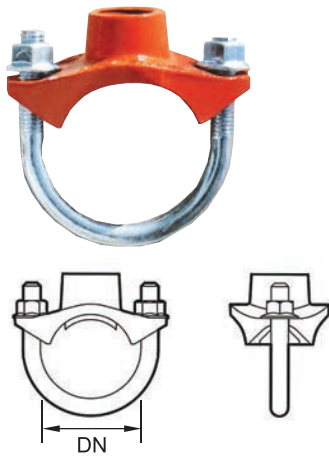
CNG Style 321G Flange Adaptor Nipple is designed with oral flange holes to suit both ANSI Class 125/150 and **PN16 flange connection**. Recommended for heavy load pipeline or pump outlet connection

Size		EE		Size		EE	
DN / Inches	mm	mm / Inches	Ø mm	DN / Inches	mm	mm / Inches	Ø mm
50 / 2"	60.3	70 / 2.75	125	125 / 5"	141.3	80 / 3.15	210
65 / 2½"	73.0	70 / 2.75	145	150 / 6"	165.1	100 / 3.95	240
65 / ½"	76.1	70 / 2.75	145	150 / 6"	168.3	100 / 3.95	240
80 / 3"	88.9	70 / 2.75	160	200 / 8"	219.1	100 / 3.95	295
100 / 4"	114.3	80 / 3.15	180	250 / 8"	273.0	150 / 5.9	355
125 / 5"	139.7	80 / 3.15	210	300 / 12"	323.9	150 / 5.9	410

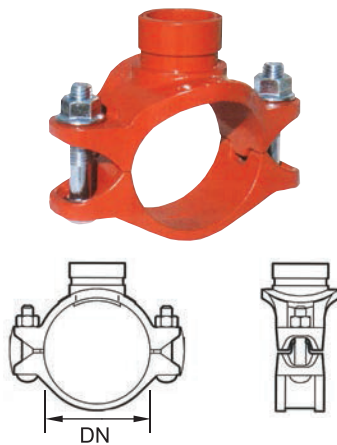
Ø = Pitch Circle Diameter (PCD)

MECHANICAL TEES

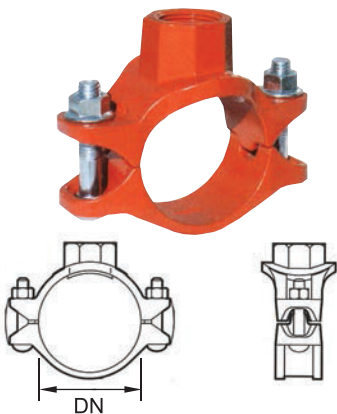
**Style 3L U-Bolt
Mechanical Tee**
(Female Threaded)



Style 3G Mechanical
(Grooved)



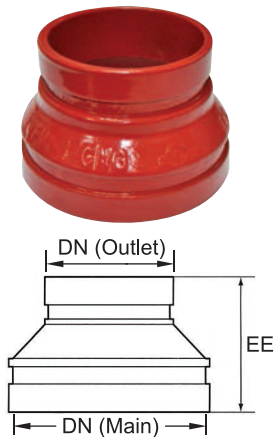
Style 3J Mechanical
(Female Threaded)



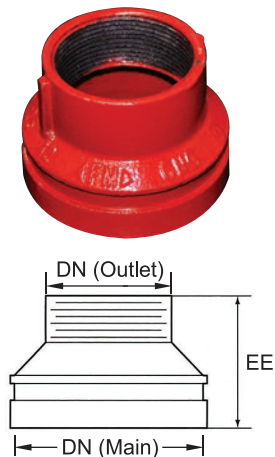
Main Run		Outlet		Max. Work Pressure	Hole Size		
DN / In.	mm	DN / In.	mm	Bar / PSI	3L mm / In.	3G mm / In.	3J mm / In.
32 / 1¼"	42.4	15 / 1/2"	21.3	21 / 300	30.5 / 1.2	N/A	N/A
32 / 1¼"	42.4	20 / 3/4"	26.9	21 / 300	30.5 / 1.2	N/A	N/A
32 / 1¼"	42.4	25 / 1"	33.7	21 / 300	30.5 / 1.2	N/A	N/A
40 / 1½"	48.3	15 / 1/2"	21.3	21 / 300	30.5 / 1.2	N/A	N/A
40 / 1½"	48.3	20 / 3/4"	26.9	21 / 300	30.5 / 1.2	N/A	N/A
40 / 1½"	48.3	25 / 1"	33.7	21 / 300	30.5 / 1.2	N/A	N/A
50 / 2"	60.3	15 / 1/2"	21.3	21 / 300	30.5 / 1.2	N/A	N/A
50 / 2"	60.3	20 / 3/4"	26.9	21 / 300	30.5 / 1.2	N/A	N/A
50 / 2"	60.3	25 / 1"	33.7	21 / 300	30.5 / 1.2	N/A	N/A
65 / 2½"	73.0	25 / 1"	33.7	35 / 500	N/A	N/A	38 / 1.5
65 / 2½"	73.0	32 / 1¼"	42.4	35 / 500	N/A	45 / 1.75	45 / 1.75
65 / 2½"	73.0	40 / 1½"	48.3	35 / 500	N/A	51 / 2	51 / 2
65 / 2½"	76.1	25 / 1"	33.7	35 / 500	N/A	38 / 1.5	38 / 1.5
65 / 2½"	76.1	32 / 1¼"	42.4	35 / 500	N/A	45 / 1.75	45 / 1.75
65 / 2½"	76.1	40 / 1½"	48.3	35 / 500	N/A	51 / 2	51 / 2
80 / 3"	88.9	25 / 1"	33.7	35 / 500	N/A	38 / 1.5	38 / 1.5
80 / 3"	88.9	32 / 1¼"	42.4	35 / 500	N/A	45 / 1.75	45 / 1.75
80 / 3"	88.9	40 / 1½"	48.3	35 / 500	N/A	51 / 2	51 / 2
80 / 3"	88.9	50 / 2"	60.3	35 / 500	N/A	N/A	N/A
100 / 4"	114.3	25 / 1"	33.7	35 / 500	N/A	38 / 1.5	38 / 1.5
100 / 4"	114.3	32 / 1¼"	42.4	35 / 500	N/A	45 / 1.75	45 / 1.75
100 / 4"	114.3	40 / 1½"	48.3	35 / 500	N/A	51 / 2	51 / 2
100 / 4"	114.3	50 / 2"	60.3	35 / 500	N/A	64 / 2.5	64 / 2.5
100 / 4"	114.3	65 / 2½"	73.0	35 / 500	N/A	70 / 2.75	70 / 2.75
100 / 4"	114.3	65 / 2½"	76.1	35 / 500	N/A	70 / 2.75	70 / 2.75
150 / 6"	165.1	25 / 1"	33.7	35 / 500	N/A	38 / 1.5	38 / 1.5
150 / 6"	165.1	32 / 1¼"	42.4	35 / 500	N/A	45 / 1.75	45 / 1.75
150 / 6"	165.1	40 / 1½"	48.3	35 / 500	N/A	51 / 2	51 / 2
150 / 6"	165.1	50 / 2"	60.3	35 / 500	N/A	64 / 2.5	64 / 2.5
150 / 6"	165.1	65 / 2½"	76.1	35 / 500	N/A	70 / 2.75	70 / 2.75
150 / 6"	165.1	80 / 3"	88.9	35 / 500	N/A	N/A	N/A
150 / 6"	165.1	100 / 4"	114.3	35 / 500	N/A	N/A	N/A
150 / 6"	168.3	25 / 1"	33.7	35 / 500	N/A	38 / 1.5	38 / 1.5
150 / 6"	168.3	32 / 1¼"	42.4	35 / 500	N/A	45 / 1.75	45 / 1.75
150 / 6"	168.3	40 / 1½"	48.3	35 / 500	N/A	51 / 2	51 / 2
150 / 6"	168.3	50 / 2"	60.3	35 / 500	N/A	64 / 2.5	64 / 2.5
150 / 6"	168.3	65 / 2½"	73.0	35 / 500	N/A	70 / 2.75	70 / 2.75
150 / 6"	168.3	80 / 3"	88.9	35 / 500	N/A	N/A	N/A
150 / 6"	168.3	100 / 4"	114.3	35 / 500	N/A	N/A	N/A
200 / 8"	219.1	50 / 2"	60.3	35 / 500	N/A	64 / 2.5	64 / 2.5
200 / 8"	219.1	65 / 2½"	73.0	35 / 500	N/A	70 / 2.75	70 / 2.75
200 / 8"	219.1	65 / 2½"	76.1	35 / 500	N/A	70 / 2.75	70 / 2.75
200 / 8"	219.1	80 / 3"	88.9	35 / 500	N/A	N/A	N/A
200 / 8"	219.1	100 / 4"	114.3	35 / 500	N/A	N/A	N/A

REDUCING FITTINGS

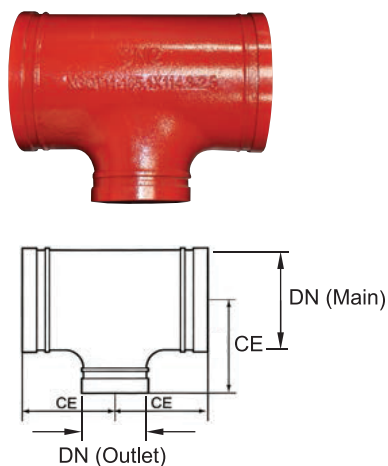
Style 240
Concentric Reducing
(Grooved X Grooved)



Style 240N
Concentric Reducing
(Grooved X Threaded)



Style 131
Reducing Tee
(Grooved X Grooved)



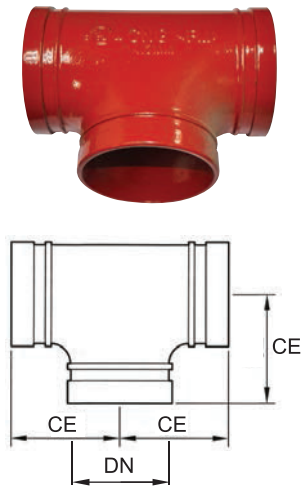
Main Run		Outlet		Style 240 EE	Style 240N EE	Style 131 CE
DN / In.	mm	DN / In.	mm	mm / In.	mm / In.	mm / In.
32 / 1¼"	42.4	15 / 1/2"	21.3	N/A	N/A	N/A
32 / 1¼"	42.4	20 / 3/4"	26.9	N/A	N/A	N/A
32 / 1¼"	42.4	25 / 1"	33.7	64 / 2.50	64 / 2.50	N/A
40 / 1½"	48.3	15 / 1/2"	21.3	N/A	N/A	N/A
40 / 1½"	48.3	20 / 3/4"	26.9	N/A	N/A	N/A
40 / 1½"	48.3	15 / 1/2"	33.7	64 / 2.50	64 / 2.50	N/A
50 / 2"	48.3	32 / 1¼"	42.4	64 / 2.50	64 / 2.50	N/A
50 / 2"	60.3	15 / 1/2"	21.3	N/A	N/A	N/A
50 / 2"	60.3	20 / 3/4"	26.9	N/A	N/A	N/A
50 / 2"	60.3	25 / 1"	33.7	64 / 2.50	64 / 2.50	N/A
50 / 2"	60.3	32 ~ 40 / 1¼" ~ 1½" 42.4 ~ 48.3		64 / 2.50	64 / 2.50	N/A
65 / 2½"	73.0	25 ~ 50 / 1" ~ 2" 33.7 ~ 60.3		64 / 2.50	64 / 2.50	76 3.00
65 / 2½"	76.1	25 ~ 50 / 1" ~ 2" 33.7 ~ 60.3		64 / 2.50	64 / 2.50	76 3.00
80 / 3"	88.9	26 ~ 65 / 1" ~ 2½" 33.7 ~ 76.1		64 / 2.50	64 / 2.50	86 3.4
100 / 4"	114.3	25 ~ 80 / 1" ~ 3" 33.7 ~ 88.9		76 / 3.00	76 / 3.00	102 4.00
125 / 5"	139.7	25 ~ 80 / 1" ~ 3" 33.7 ~ 88.9		89 / 3.50	89 / 3.50	N/A
125 / 5"	139.7	100 / 4"	114.3	89 / 3.50	N/A	N/A
125 / 5"	141.3	25 ~ 80 / 1" ~ 3" 33.7 ~ 88.9		89 / 3.50	89 / 3.50	N/A
125 / 5"	141.3	100 / 4"	114.3	89 / 3.50	N/A	N/A
150 / 6"	165.1	25 ~ 80 / 1" ~ 3" 33.7 ~ 88.9		102 4.00	102 4.00	140 5.50
150 / 6"	165.1	100 ~ 125 / 4" ~ 5" 114.3 ~ 139.7		102 4.00	N/A	76 3.00
150 / 6"	168.3	25 ~ 80 / 1" ~ 3" 33.7 ~ 88.9		102 4.00	102 4.00	76 3.00
150 / 6"	168.3	100 ~ 125 / 4" ~ 5" 114.3 ~ 141.3		102 4.00	N/A	76 3.00
200 / 8"	219.1	25 ~ 80 / 1" ~ 3" 33.7 ~ 88.9		127 5.00	127 5.00	76 3.00
200 / 8"	219.1	100 ~ 125 / 4" ~ 6" 114.3 ~ 168.3		127 5.00	N/A	173 6.8
250 / 10"	273.0	150 ~ 200 / 6" ~ 8" 165.1 ~ 219.1		152 6.00	N/A	N/A
300 / 12"	323.9	200 ~ 250 / 8" ~ 10" 219.1 ~ 273.0		178 7.00	N/A	N/A

FITTINGS

Style 90S 90° Short Elbow



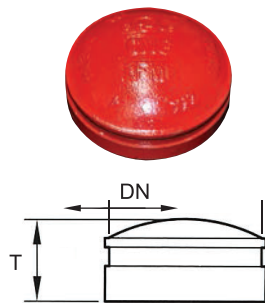
Style 130S Short Tee



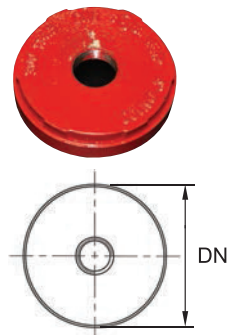
Style 120 45° Elbow



Style 300 End Cap

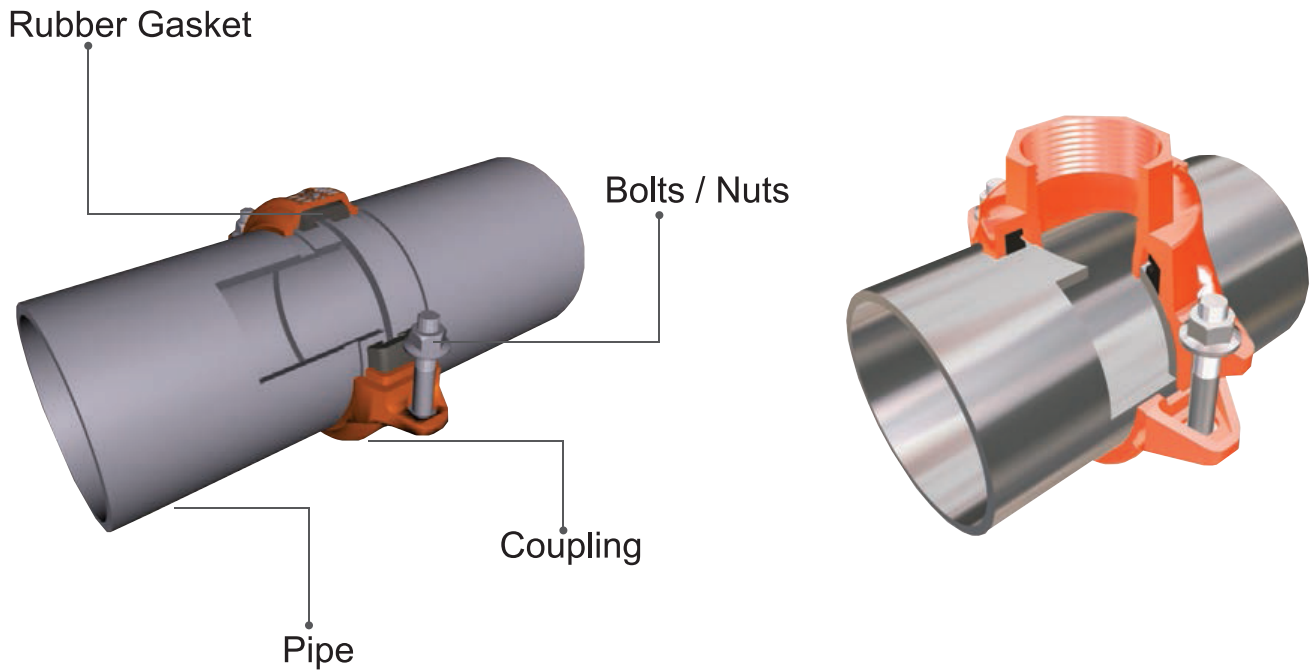


Style 300-H End Cap with 1 inch Concentric Hole



Size		Style 90S CE	Style 130S CE	Style 120 CE	Style 300 T
DN Inches	mm	mm Inches	mm Inches	mm Inches	mm Inches
25 1"	33.7	N/A	N/A	44 1.75	34 1.35
32 1¼"	42.4	N/A	N/A	44 1.75	34 1.35
40 1½"	48.3	N/A	N/A	44 1.75	34 1.35
50 2"	60.3	70 2.75	70 2.75	51 2.00	38 1.50
65 2½"	73.0	76 3.00	76 3.00	57 2.25	38 1.50
65 2½"	76.1	76 3.00	76 3.00	57 2.25	38 1.50
80 3"	88.9	86 3.40	86 3.40	64 2.50	38 1.50
100 4"	114.3	102 4.00	102 4.00	76 3.00	51 2.00
125 5"	139.7	N/A	N/A	83 3.25	51 2.00
125 5"	141.3	N/A	N/A	83 3.25	51 2.00
150 6"	165.1	140 5.50	140 5.50	89 3.50	53 2.10
150 6"	168.3	140 5.50	140 5.50	89 3.50	53 2.10
200 8"	219.1	173 6.80	173 6.80	108 4.25	70 2.75
250 10"	273	N/A	N/A	121 4.75	76 3.00
300 12"	323.9	N/A	N/A	133 5.25	83 3.25

PRODUCT FEATURES



Housing

Material: Ductile cast iron conforming to ASTM A-536, Grade 65-45-12.

Surface Finish:

Standard: Epoxy powder coating

Optional: Galvanized (Zinc Plated, HDG)

Surface Color: Variable colors for choice

Bolts and Nuts

Heat treated and electro galvanized bolts with oval neck and heavy duty hexagon nuts. Track head meeting the physical and chemical requirements of ASTM A-449 and physical requirements of ASTM A-183.

Rubber Gasket

Standard: Grade "E" EPDM (Color Code: Green Stripe)

Temperature range -30°F to +230°F (-34°C to +110°C). Recommended for cold and hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services.